Bosch Praesideo

BOSCH SECURITY SYSTEMS

Bosch Praesideo is a combined public-address and mass-notification system, the foremost solution for situations where a fast response, absolute message clarity and unquestionable reliability are required.

Digital Performance and Flexibility
Bosch Praesideo is the world’s first fully digital public-address and emergency sound system. The system’s unique optical network offers total freedom in system design, interference-free audio and a high level of redundancy that traditional systems cannot offer. It is fully programmable and interfaces with other security systems.

Scalability
With 28 dynamically assigned digital audio channels, digital message management and background music (BGM) routing to a virtually unlimited number of zones, the Praesideo is ideal for medium- to large-scale public-address and voice alarm applications.

Supervision
Bosch Praesideo is fully supervised and constantly monitors system operation, amplifiers, microphones, loudspeaker line integrity and individual loudspeakers. Built-in redundancy and automatic spare-amplifier switching guarantee continuity.

FEATURES
- Compliant with almost all major standards for emergency sound systems
- Digital audio
- DSPs in most system elements
- Loudspeaker line supervision
- High-capacity network
- Branched tree or loop network topology
- Optical fiber network - convert to glass fiber, for long runs
- Audio over IP Web-based technology with a user-friendly configuration tool
- Lower power consumption (battery capacity), less heat, less rack space
- Reduced installation cost
- Multiple simultaneous audio channels
- System elements can be located anywhere with virtually no system limits, making installation quick and easy
- Higher security in operation
- Immune to interferences
- Direct connection to local area network (no additional PC required), remote configuration and remote diagnostics
- Reduces engineering costs

Call your local sales representative for more information.

Bosch Plena Mixer Amplifiers

BOSCH SECURITY SYSTEMS

The Plena single-zone mixer amplifiers are available with a choice of 30 W, 60 W or 120 W rated output power. The two-zone mixer amplifiers are available with 120 W or 240 W of output power. All Plena models have interconnection facilities for connecting external sound-processing equipment (such as an equalizer) between the preamplifier and power amplifier stages. The Plena mono mixer amplifiers have four microphone inputs and separate priority and music inputs. Additional functionality like priority assignment, VOX switching, speech filter and two-tone chimes are also provided. Additional Plena power amplifiers may be added to increase loudspeaker-driving capability. The dual-zone model directs sound (announcements or background music) to two separate areas - very useful if announcements or background music need not to be heard everywhere. Two front panel switches direct the output to the separate zone.

Versatility, reliability and ease of use are what the Bosch Plena Easy Line is all about. With Bosch's dedication to quality, the Plena E products offer an ideal solution for small- to mid-size installations. Various system elements can be combined and tailored to fit practically any location, from a simple single-zone system to an extensive, customized, multizone configuration. Built to last, all the Plena Public Address Easy Line products feature excellent sound and speech intelligibility, thanks to a smart equalizing approach and built-in limiters. On top of its clean-cut design, extra items like zone labeling and setting indicators make it a snap to use. Easy expandability with low-overhead cost guarantee that the system will be used for years to come.

The Plena Easy Line Mixer Amplifiers are professional public-address units with modern state-of-the-art features. They are easy to use, taking the complexity away from the user and putting it where it belongs, inside the equipment. Providing a crisp call or clear music is as easy as turning on the radio. Offering the essentials of public address in an affordable package.

FEATURES
- Voice-activated priority override
- Smart EQ curves made to optimize voice and music
- Unique labeling solution
- Transparent and effective limiter circuitry for system protection and sonic integrity
- 70 V and telephone input with priority and VOX
- Dedicated wall panel for zone, source, mic selector and volume control
- Dedicated two-zone paging console with an additional seven chime tones

Anixter No. Vendor No. Description
394459 PLE-1MA030-US 30 W single-zone mixer amplifier
394460 PLE-1MA060-US 60 W single-zone mixer amplifier
394461 PLE-1MA120-US 120 W single-zone mixer amplifier
394462 PLE-2MA120-US 120 W two-zone mixer amplifier

Continued on next page > >
Unique features like One-Touch ClearScan and EZsync make the R300 quicker and easier to set up and use than any other similarly priced wireless system. Its rack-mountable metal receiver, sturdy metal bodypack and handheld transmitters, and remote-mountable antennas are of a strength and performance quality usually reserved for the highest-end professional products. This combination of value, professional features and road-ready ruggedness make the R300 a perfect choice for a wide range of wireless applications, from live vocals and instruments to professional presentations.

FEATURES
- Designed for club sound, performance and sports venues as well as other applications
- ClearScan finds the clearest channel available with the touch of one button
- EZsync infrared channel transfer from receiver to transmitter for easy and error-free setup
- PL22 cardioid dynamic microphone element for crisp, clear vocals in any application
- Rugged metal transmitters with backlit LCD display and battery gauge
- Bodypack with TA4 connector - compatible with all Electro-Voice lapel and head-worn microphones for easy upgrades
- 14-hour battery life from two AA alkaline batteries
- 32 preset channels, with compatible groups of eight channels for simultaneous use

Detachable half-wave receiver TNC antennas enable use with APD4+ antenna-distribution system
Metal receiver chassis with optional rack-mount ears and front-mount antenna cables

RE-2 Pro Microphone Systems

When applications like rentals, small tours, referee systems or tough environments call for a wireless microphone with a mix of REV and RE-2 features, the answer is the RE-2 PRO. Consumer alert: Most users do not need a license to operate this wireless microphone system. Nevertheless, operating this microphone system without a license is subject to certain restrictions: The system may not cause harmful interference; it must operate at a low power level (not in excess of 50 milliwatts); and it has no protection from interference received from any other device.

FEATURES
- Designed for:
  - Broadcast
  - Pro music
  - Performance and sports venues
  - Stadium systems
  - Other applications

HANDHELD SYSTEM

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>453281</td>
<td>RE-2-N2-C-A</td>
<td>HTU2D-267a transmitter with N/D 267a cardioid dynamic element, RE-2 diversity receiver, all in hard-shell road case</td>
</tr>
<tr>
<td>453302</td>
<td>RE-2-N7-C-A</td>
<td>HTU2D-767a transmitter with N/D 767a supercardioid dynamic element, RE-2 diversity receiver, all in hard-shell road case</td>
</tr>
<tr>
<td>453303</td>
<td>RE-2-410-C-A</td>
<td>HTU2C-410 transmitter with RE410 cardioid condenser element, RE-2 diversity receiver, all in hard-shell road case</td>
</tr>
<tr>
<td>453304</td>
<td>RE-2-510-C-A</td>
<td>HTU2C-510 transmitter with RE510 supercardioid condenser element, RE-2 diversity receiver</td>
</tr>
</tbody>
</table>
**Sound, Paging and Public Address**

**Bosch Security Systems Inc.**

**BODYPACK SYSTEM**
Includes BPU-2 transmitter and RE-2 receiver.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>453305</td>
<td>RE-2-BP-A</td>
<td>Without microphone, all in hard-shell road case</td>
</tr>
<tr>
<td>453306</td>
<td>RE-2-L10-C-A</td>
<td>With OLM-10 omnidirectional lapel mic, all in hard-shell road case</td>
</tr>
<tr>
<td>453307</td>
<td>RE-2-L21-C-A</td>
<td>With ULM-21 unidirectional microphone, all in hard-shell road case</td>
</tr>
<tr>
<td>453308</td>
<td>RE-2-E-BEIGE-C-A</td>
<td>With RE97 MiniMic headworn, all in light beige hard-shell road case</td>
</tr>
<tr>
<td>453312</td>
<td>RE-2-E-BROWN-C-A</td>
<td>With RE97 MiniMic headworn, all in brown hard-shell road case</td>
</tr>
</tbody>
</table>

**1112 CHANNEL WIRELESS TRANSMITTER**
The BPU-2-A can be used for mic or guitar/instrument (mic or cord not included).

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>453315</td>
<td>HTU2D-267A-A</td>
<td>Handheld - with 267a cardioid dynamic element</td>
</tr>
<tr>
<td>453316</td>
<td>HTU2D-767A-A</td>
<td>Handheld - with 767a supercardioid dynamic element</td>
</tr>
<tr>
<td>453317</td>
<td>HTU2C-410-A</td>
<td>Handheld - with RE410 cardioid condenser element</td>
</tr>
<tr>
<td>453319</td>
<td>HTU2C-510-A</td>
<td>Handheld - with RE510 supercardioid condenser element</td>
</tr>
<tr>
<td>453320</td>
<td>BPU-2-A</td>
<td>Bodypack - with TA4F connector</td>
</tr>
</tbody>
</table>

**OTHER SYSTEMS**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>453313</td>
<td>RE-2-G-C-A</td>
<td>Guitar system - BPU-2 transmitter, RE-2 diversity receiver and 1/4 in. to TA4F connector cable, all in hard-shell road case</td>
</tr>
<tr>
<td>453314</td>
<td>RE-E-COMBO-C-A</td>
<td>Combination system - BPU-2 and HTU2D-267a transmitters, RE-2 receiver, ULM-21 unidirectional microphone, all in hard-shell road case</td>
</tr>
</tbody>
</table>

**PL Series Microphone Systems**

**BOSCH SECURITY SYSTEMS**

The PL Series is a comprehensive family of vocal and instrument microphones for the professional live sound and studio community. Featuring seven vocal models and three instrument models, the PL series' exceptional durability, sonic performance and contemporary styling meet the needs of today's sound-system professional.

**FEATURES**
- Designed for club sound, concert sound, pro music, performance and sports venues, stadium systems, studio and other applications
- Designed for live performance venues of any size
- Powerful neodymium magnet structures
- Tight-mesh Memraflex grills
- Superior polar pattern characteristics
- Multistage pop filters

**VOCAL MICROPHONES**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>453321</td>
<td>PL24</td>
<td>PL24, dynamic, supercardioid</td>
</tr>
<tr>
<td>453322</td>
<td>PL24S</td>
<td>PL24S, dynamic, supercardioid with on/off switch</td>
</tr>
<tr>
<td>453323</td>
<td>PL44</td>
<td>PL44, dynamic, supercardioid</td>
</tr>
<tr>
<td>453324</td>
<td>PL80A</td>
<td>PL80A, dynamic, supercardioid, ultra-low noise</td>
</tr>
<tr>
<td>453326</td>
<td>PL80C</td>
<td>PL80C, dynamic, supercardioid, ultra-low noise, classic finish</td>
</tr>
<tr>
<td>453327</td>
<td>PL84</td>
<td>PL84, condenser, cardioid</td>
</tr>
<tr>
<td>453339</td>
<td>PL84S</td>
<td>PL84S, condenser, cardioid, with on/off switch</td>
</tr>
</tbody>
</table>

**INSTRUMENT MICROPHONES**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>453348</td>
<td>PL33</td>
<td>PL33, kick-drum microphone, dynamic, supercardioid</td>
</tr>
<tr>
<td>453349</td>
<td>PL35</td>
<td>PL35, tom-snare microphone, dynamic, supercardioid, integrated swivel and clamp</td>
</tr>
<tr>
<td>453350</td>
<td>PL37</td>
<td>PL37, overhead microphone, condenser, cardioid</td>
</tr>
</tbody>
</table>

**DRUM MIC PRE-PACK**
Includes soft gig bag.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>453351</td>
<td>PLDK4</td>
<td>PL DK4 for 4-piece drum set</td>
</tr>
<tr>
<td>453352</td>
<td>PLDK4PLUS</td>
<td>PL DK4 PLUS for 4-piece drum set</td>
</tr>
<tr>
<td>453354</td>
<td>PLDK5</td>
<td>PL DK5 for 5-piece drum set</td>
</tr>
<tr>
<td>453355</td>
<td>PLDK7</td>
<td>PL DK7 for 5-piece drum set</td>
</tr>
</tbody>
</table>
N/Dym Microphone Systems

**BOSCH SECURITY SYSTEMS**

**FEATURES**

- Designed for concert sound, pro music, performance and sports venues, stadium systems, studio and other applications
- Rugged dependability for clubs and touring
- Very high SPL handling
- EV's unique VOB technology
- High-output N/DYM neodymium magnet structures
- EV's exclusive "Warm Grips" eliminate handling noise

**VOCAL MICROPHONES**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>453356</td>
<td>N/D267A</td>
<td>Dynamic cardioid</td>
</tr>
<tr>
<td>453358</td>
<td>N/D267AS</td>
<td>Dynamic cardioid with switch</td>
</tr>
<tr>
<td>453360</td>
<td>N/D367S</td>
<td>Lead vocal mic - dynamic cardioid with switch</td>
</tr>
<tr>
<td>453363</td>
<td>N/D767A</td>
<td>Lead vocal mic - dynamic supercardioid</td>
</tr>
<tr>
<td>453365</td>
<td>N/D967</td>
<td>Concert vocal mic - dynamic supercardioid</td>
</tr>
</tbody>
</table>

**INSTRUMENT MICROPHONES**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>453361</td>
<td>N/D468</td>
<td>Dynamic supercardioid</td>
</tr>
<tr>
<td>453362</td>
<td>N/D478</td>
<td>Dynamic cardioid</td>
</tr>
<tr>
<td>453364</td>
<td>N/D868</td>
<td>Bass drum mic - dynamic cardioid variant</td>
</tr>
</tbody>
</table>

PolarChoice Microphone Systems

**BOSCH SECURITY SYSTEMS**

**FEATURES**

- Designed for commercial sound/life safety, broadcast, performance and sports venues and other applications
- User-selectable polar patterns
- Capsule voicings designed for maximum voice intelligibility
- Unique variety of wired and wireless models
- Versatile switching to accommodate various application conditions

**MULTIPATTERN GOOSENECK MICROPHONE**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>453440</td>
<td>PCPLUS-5</td>
<td>With mic switch and universal base, 5 in. neck</td>
</tr>
<tr>
<td>453442</td>
<td>PCPLUS-12</td>
<td>With mic switch and universal base, 12 in. neck</td>
</tr>
<tr>
<td>453444</td>
<td>PCPLUS-18</td>
<td>With mic switch and universal base, 18 in. neck</td>
</tr>
<tr>
<td>453453</td>
<td>PC-12/FL</td>
<td>With flange-mount, 12 in. neck</td>
</tr>
<tr>
<td>453456</td>
<td>PC-18/FL</td>
<td>With flange-mount, 18 in. neck</td>
</tr>
<tr>
<td>453457</td>
<td>PC-12/XLR</td>
<td>With XLR base, 12 in. neck</td>
</tr>
<tr>
<td>453463</td>
<td>PC-18/XLR</td>
<td>With XLR base, 18 in. neck</td>
</tr>
</tbody>
</table>

**FREE-STANDING GOOSENECK MULTIPATTERN CONDENSER MICROPHONE**

Includes on/off switch and mic status LED. Wireless applications works only with EV RE-1 or RE-2, and Telex FMR-1000, FMR-500 or Safe-1000 wireless systems.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>453372</td>
<td>PDESKTOP-5</td>
<td>5 in. neck</td>
</tr>
<tr>
<td>453373</td>
<td>PDESKTOP-12</td>
<td>12 in. neck</td>
</tr>
<tr>
<td>453374</td>
<td>PDESKTOP-18</td>
<td>18 in. neck</td>
</tr>
<tr>
<td>453446</td>
<td>PCSATELLITE-5</td>
<td>Wireless - 5 in. neck</td>
</tr>
<tr>
<td>453450</td>
<td>PCSATELLITE-12</td>
<td>Wireless - 12 in. neck</td>
</tr>
<tr>
<td>453451</td>
<td>PCSATELLITE-5</td>
<td>Wireless - 18 in. neck</td>
</tr>
</tbody>
</table>

**BOUNDARY MULTIPATTERN CONDENSER MICROPHONE ON/OFF SWITCH**

Includes on/off switch and mic status LED. Wireless applications works only with EV RE-V, RE-2, RE-1, and Telex FMR-1000, FMR-500 or Safe-1000 wireless systems.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>453464</td>
<td>PCBOUNDARY</td>
<td>Wired</td>
</tr>
<tr>
<td>453465</td>
<td>PCBOUNDARYSAT</td>
<td>Wireless</td>
</tr>
</tbody>
</table>

Bosch LC1 Modular Ceiling Loudspeakers

**BOSCH SECURITY SYSTEMS**

Innovative design makes the Bosch modular LC1 loudspeaker range easy to select, install and maintain. Four models are available. The two mounting options and backbox fit all four models and make installation quick and easy. In situations where it is not possible to flush-mount a speaker - on hard surface ceilings, for example - a stylish surface-mounting box makes installation easy and elegant.
### CEILING LOUDSPEAKERS
Includes metal grill, round and are EVAC-compliant.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>394475</td>
<td>LC1-WM06E8</td>
<td>9/6 W, wide dispersion</td>
</tr>
<tr>
<td>394476</td>
<td>LC1-UM06E8</td>
<td>9/6 W</td>
</tr>
<tr>
<td>394477</td>
<td>LC1-UM12E8</td>
<td>18/12 W</td>
</tr>
<tr>
<td>394478</td>
<td>LC1-UM24E8</td>
<td>36/24 W</td>
</tr>
</tbody>
</table>

### ACCESSORIES

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>394479</td>
<td>LC1-MMSB</td>
<td>Mounting support bracket for LC1 series loudspeakers</td>
</tr>
<tr>
<td>394481</td>
<td>LC1-CMR</td>
<td>Mounting ring</td>
</tr>
<tr>
<td>394482</td>
<td>LC1-CBB</td>
<td>Backbox</td>
</tr>
<tr>
<td>394483</td>
<td>LC1-MFD</td>
<td>Metal fire dome for LC1 series loudspeakers</td>
</tr>
<tr>
<td>394484</td>
<td>LC1-CSMB</td>
<td>Surface-mounting box</td>
</tr>
<tr>
<td>394485</td>
<td>LC1-MSK</td>
<td>Metal suspension kit</td>
</tr>
<tr>
<td>394486</td>
<td>LC1-PIB</td>
<td>Pilot tone-indication circuit board</td>
</tr>
<tr>
<td>394487</td>
<td>LM1-TB</td>
<td>Tile bridge and C-ring for LC1 series loudspeakers</td>
</tr>
<tr>
<td>424119</td>
<td>LM2-TB</td>
<td>Economical tile bridge for LC1 series, LHM 0606/00-US and LBC 3951/11-US ceiling speakers</td>
</tr>
<tr>
<td>424127</td>
<td>LM2-BB</td>
<td>Economical backbox for LC1 series, LHM 0606/00-US and LBC 3951/11-US ceiling speakers</td>
</tr>
<tr>
<td>424128</td>
<td>LM1-PMR</td>
<td>Economical plaster-mounting ring for LC1 series, LHM 0606/00-US and LBC 3951/11-US ceiling speakers</td>
</tr>
</tbody>
</table>

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**Bosch Security Systems Inc.**

### Bosch LBC 3018/00 Metal Cabinet Loudspeaker

**BOSCH SECURITY SYSTEMS**

The LBC 3018/00 cabinet loudspeaker delivers professional performance from a robust yet aesthetically designed metal enclosure. It is an ideal loudspeaker for indoor use in offices, schools, car parks, shopping centers and in areas where vandalism is a potential hazard.

**FEATURES**
- Suitable for speech and music reproduction
- Surface and/or recessed mounting
- Unobtrusive in virtually all interiors
- Recommended for voice evacuation systems

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>394499</td>
<td>LBC-3018/00-US</td>
<td>6 W EVAC</td>
</tr>
</tbody>
</table>

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**Bosch LBC3432/02 and LBC3430/02**

**BOSCH SECURITY SYSTEMS**

The LBC 3432/02 is a powerful 20 W sound projector intended for speech and music reproduction in indoor and outdoor applications. The sturdy aluminum enclosure is finished in off-white. It has provisions for both cable loop-through connection and the mounting of a line or loudspeaker supervision board. The sound projector is suitable for use in voice alarm systems.

The LBC3430/02 is a 12 W bi-directional sound projector intended for speech and music reproduction in indoor and outdoor applications. The two loudspeakers facing in opposite directions are ideally suited to applications such as subway tunnels, long corridors and shopping arcades. The sturdy aluminum enclosure is finished in off-white. The sound projector is suitable for use in voice alarm systems.

**FEATURES**
- LBC 3432/02
  - Excellent speech and music reproduction
  - Provision for supervision board mounting
  - Suspended ceiling and/or wall mounting
  - Water and dust protected to IP 66
  - BS benefits
- LBC3430/02
  - Excellent speech and music reproduction
  - Ceiling- and/or wall-mountable
  - Robust aluminum extrusion enclosure
  - Water and dust protected to IP 66
  - BS 5839-8-compliant and 5839-8-compliant

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>394503</td>
<td>LBC3432/02-US</td>
<td>12 W bi-directional metal sound projector, EVAC-compliant</td>
</tr>
<tr>
<td>394505</td>
<td>LBC3430/02-US</td>
<td>20 W unidirectional metal sound projector, EVAC-compliant</td>
</tr>
</tbody>
</table>
Bosch LB2 Series of Loudspeakers

The LB2-UC cabinet loudspeakers are intended for clear reproduction of speech, foreground music and background music. They can also be used for indoor or outdoor applications. The loudspeakers have selectable 8 ohm, 70 V and 100 V inputs. Typical applications are: bars, restaurants, theme parks, retail, exhibition areas, showrooms, fitness centers, boardrooms, offices and general audio visual applications.

15 W CABINET LOUDSPEAKER

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>424129</td>
<td>LB2-UC15-L</td>
<td>White</td>
</tr>
<tr>
<td>424131</td>
<td>LB2-UC15D</td>
<td>Dark</td>
</tr>
</tbody>
</table>

30 W CABINET LOUDSPEAKER

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>424132</td>
<td>LB2-UC30-L</td>
<td>White</td>
</tr>
<tr>
<td>424133</td>
<td>LB2-UC30-D</td>
<td>Dark</td>
</tr>
</tbody>
</table>

Electro-Voice EVID Premium Loudspeakers

EVID speakers beautify not only the sound of a room, but also the looks. Designed to have best-in-class sonic characteristics and stunning high fidelity, EVID is typically at home in retail environments, boardrooms, restaurants and bars.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>424165</td>
<td>EVID 12.1</td>
<td>12 in. dual voice coil subwoofer, black cabinet</td>
</tr>
<tr>
<td>424166</td>
<td>EVID 12.1W</td>
<td>12 in. dual voice coil subwoofer, white cabinet</td>
</tr>
<tr>
<td>424167</td>
<td>C10.1</td>
<td>10 in. high-performance subwoofer - complete with can enclosure, tile rails and mounting ring - for 70 V/100 V or 8 ohm operation, taps at 60, 30, 15, 7.5 and 3.75 watts (pair)</td>
</tr>
</tbody>
</table>
### Electro-Voice Commercial Paging Horns

**BOSCH SECURITY SYSTEMS**

The University Sound Series of paging projectors from EV are known the all over the world. These products have consistently delivered high performance, reliability and efficient audio for a variety of applications. Commonly used in factories, theme parks, warehouses, stadiums and dozens of other applications, these products perform under any weather condition.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>424182</td>
<td>CDP848AT</td>
<td>30 watt CDP (compound diffraction projector) with 1828T driver, 150° x 110°, weather resistant, integral mounting bracket, 30 watt 25/70.7 volt transformer (30, 15, 8, 4, 2, 1 and 0.5 watt taps), gray</td>
</tr>
<tr>
<td>424189</td>
<td>CDP850T</td>
<td>60 watt CDP (compound diffraction projector) with 1829T driver, 150° x 110°, weather resistant, integral mounting bracket, 60 watt 70.7 volt transformer (60, 30, 15 and 8 watt taps), gray</td>
</tr>
<tr>
<td>424190</td>
<td>CFID32-T</td>
<td>32 watt paging projector, 55° x 74°, weather resistant, integral swivel bracket, 32 watt 25/70.7 volt transformer (32, 15, 10, 5, 2.5 and 1.25 watt taps), gray</td>
</tr>
<tr>
<td>424199</td>
<td>MIs8C</td>
<td>10 watt paging projector, 100° x 100°, weather resistant, flush mount, 8 ohms, gray</td>
</tr>
<tr>
<td>424200</td>
<td>PA430</td>
<td>30 watt constant-directivity paging projector, 60° x 40°, weather resistant, integral swivel bracket, 8 ohms, tan</td>
</tr>
<tr>
<td>424201</td>
<td>PA430T</td>
<td>30 watt constant directivity paging projector, 60° x 40°, weather resistant, integral swivel bracket, 30 watt 25/70.7/110 volt transformer (30, 15, 7.5, 3.7 and 1.9 watt taps), tan</td>
</tr>
<tr>
<td>424202</td>
<td>PA60</td>
<td>60 watt paging projector, 80° x 50°, weather resistant, integral swivel mount, 8 ohms, tan, stainless steel hardware</td>
</tr>
<tr>
<td>424203</td>
<td>MM2</td>
<td>25 watt paging projector, 82° x 82°, submergence proof, integral swivel bracket, 16 ohms, gray</td>
</tr>
<tr>
<td>424204</td>
<td>MM2F</td>
<td>25 watt paging projector, 82° x 82°, submergence proof, flush mount, 16 ohms, gray</td>
</tr>
</tbody>
</table>

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### Bosch Security Systems Inc.

Sound, Paging and Public Address

**Electro-Voice Commercial Paging Horns**

**BOSCH SECURITY SYSTEMS**

The University Sound Series of paging projectors from EV are known the all over the world. These products have consistently delivered high performance, reliability and efficient audio for a variety of applications. Commonly used in factories, theme parks, warehouses, stadiums and dozens of other applications, these products perform under any weather condition.

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<tr>
<th>Anixter No.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>424206</td>
<td>MM2TC</td>
<td>25 watt paging projector, 82° x 82°, submergence proof, integral swivel bracket, 16 ohms, gray</td>
</tr>
<tr>
<td>424207</td>
<td>UW30</td>
<td>30 watt underwater speaker with integral 50 ft. cable, flush mount (in wet niche), 8 ohms, pool blue</td>
</tr>
<tr>
<td>424208</td>
<td>1828C</td>
<td>30 watt driver for CDP (compound diffraction projector) and re-entrant horns, weather resistant, dual 1 in. screw-on exits (one with cap), 8 ohms</td>
</tr>
<tr>
<td>424209</td>
<td>1828T</td>
<td>30 watt driver for CDP (compound diffraction projector) and re-entrant horns, weather resistant, dual 1 in. screw-on exits (one with cap), 30 watt 25/70.7 volt transformer (30, 15, 8, 4, 2, 1 and 0.5 watt taps)</td>
</tr>
<tr>
<td>424210</td>
<td>1829BT</td>
<td>60 watt driver for CDP (compound diffraction projector) and re-entrant horns, weather resistant, dual 1 in. screw-on exits (one with cap), 60 watt 70.7 volt transformer (60, 30, 15 and 8 watt taps)</td>
</tr>
<tr>
<td>424211</td>
<td>7110XC</td>
<td>30 watt driver, hazardous environment/explosion proof (UL Listed), 1 in. screw-on exit, 8 ohms (purchase pressure seal input connector from electrical supply house). For distributed sound applications use optional University Sound model 5030 transformer</td>
</tr>
<tr>
<td>424212</td>
<td>ID30C-16</td>
<td>30 watt driver for re-entrant horns, weather resistant, 1 in. screw-on exit, 16 ohms</td>
</tr>
<tr>
<td>424213</td>
<td>ID30C-8</td>
<td>30 watt driver for re-entrant horns, weather resistant, 1 in. screw-on exit, 8 ohms</td>
</tr>
<tr>
<td>424214</td>
<td>ID60DT</td>
<td>60 watt driver for re-entrant horns, weather resistant, dual 1 in. screw-on exit, 60 watt 25/70.7 volt transformer (60, 30, 15, 7.5, 3.25 and 1.88 watt taps)</td>
</tr>
<tr>
<td>424215</td>
<td>FC100</td>
<td>CDP (compound diffraction projector) horn for 1828C, 1828T, 1829 or 1829T drivers, 150° x 110°, weather resistant, integral mounting bracket, gray</td>
</tr>
<tr>
<td>424216</td>
<td>COBRAFLEX IIB</td>
<td>Folded sectoral horn for all 1828, all 1829, 7110XC, all ID30 and all ID60 drivers, 80° x 60°, weather resistant, integral mounting bracket, gray</td>
</tr>
</tbody>
</table>
Sound, Paging and Public Address
Bosch Security Systems Inc.

### Electro-Voice Commercial Power Amplifiers

**BOSCH SECURITY SYSTEMS**

EV Commercial Power amplifiers are designed to operate under a variety of adverse conditions without fail. Several configurations, power levels and features are available to suit nearly any commercial application. Features include many of the same comprehensive protection circuits typical of EV amplifiers. Complete protection is provided for high temperature, audio limiters, power-up delay and peak-current limiters. Phoenix-type connectors for inputs and outputs allow for easy rack wiring.

**SINGLE-CHANNEL**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>424223</td>
<td>PA 1250T 120V</td>
<td>1 x 270 W at 70 V/100 V only, compact 2RU chassis, 100/120 V AC operation</td>
</tr>
</tbody>
</table>

**DUAL-CHANNEL**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>424224</td>
<td>PA 2250T 120V</td>
<td>2 x 270 W at 4 ohms, 70 V/100 V or low-impedance operation, compact 2RU chassis, 110/120 V AC operation</td>
</tr>
<tr>
<td>424243</td>
<td>PA 2450L 120V</td>
<td>2 x 450 W at 4 ohms, compact 2RU chassis, 110/120 V AC operation</td>
</tr>
<tr>
<td>424244</td>
<td>PA 2400T 120V</td>
<td>2 x 430 W at 4 ohms, 2 x 400 W at 70 V/100 V or low-impedance operation, compact 2RU chassis, 110/120 V AC operation</td>
</tr>
<tr>
<td>424245</td>
<td>PA 4150L 120V</td>
<td>2 x 430 W at 4 ohms, 2 x 400 W at 70 V/100 V or low-impedance operation, compact 2RU chassis, 110/120 V AC operation</td>
</tr>
</tbody>
</table>

### Electro-Voice ZX-ZXA Series of Loudspeakers

**BOSCH SECURITY SYSTEMS**

The ZX loudspeakers comprise a new family that takes audio technology to the next level with an advanced generation of versatile, high-performance, lightweight speakers. The loudspeakers bring a new standard in lightweight sound applications with its contemporary styling and innovative mechanical solutions included with high-powered woofers and drivers. This series is designed for house of worship, pro music, commercial sound/life safety, club sound, performance and sports venues and a wide variety of other applications. The loudspeakers are used for either permanent installation or mobile stage applications.

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>424294</td>
<td>ZX3-90PI-B</td>
<td>600 watt, weatherized, permanent installation, 12 in. two-way loudspeaker system, integral stand mount, 90 x 50 horn, black</td>
</tr>
<tr>
<td>424295</td>
<td>ZX3-90PI-W</td>
<td>600 watt, weatherized, permanent installation, 12 in. two-way loudspeaker system, integral stand mount, 90 x 50 horn, white</td>
</tr>
<tr>
<td>424299</td>
<td>ZX3-60PI-B</td>
<td>600 watt, weatherized, permanent installation, 12 in. two-way loudspeaker system, integral stand mount, 60 x 60 horn, black</td>
</tr>
<tr>
<td>424300</td>
<td>ZX3-60PI-W</td>
<td>600 watt, weatherized, permanent installation, 12 in. two-way loudspeaker system, integral stand mount, 60 x 60 horn, white</td>
</tr>
<tr>
<td>424304</td>
<td>ZXA5-90PI</td>
<td>600 watt, weatherized, permanent installation, 15 in. two-way loudspeaker system, integral stand mount, 90 x 50 horn, black</td>
</tr>
<tr>
<td>424307</td>
<td>ZXA5-60PI</td>
<td>600 watt, weatherized, permanent installation, 15 in. two-way loudspeaker system, integral stand mount, 60 x 60 horn, black</td>
</tr>
<tr>
<td>424308</td>
<td>ZXA5-90B</td>
<td>Powered (100-120 V), 15 in. two-way, 1,000 watts LF, 250 watts HF, 90° x 50°, line level in/out, black</td>
</tr>
<tr>
<td>424309</td>
<td>ZXA5-90W-120V</td>
<td>Powered (100-120 V), 15 in. two-way, 1,000 watts LF, 250 watts HF, 90° x 50°, line level in/out, white</td>
</tr>
<tr>
<td>424310</td>
<td>ZXA5-60B</td>
<td>Powered (100-120 V), 15 in. two-way, 1,000 watts LF, 250 watts HF, 60° x 60°, line level in/out, black</td>
</tr>
<tr>
<td>424311</td>
<td>ZXA5-60W-120V</td>
<td>Powered (100-120 V), 15 in. two-way, 1,000 watts LF, 250 watts HF, 60° x 60°, line level in/out, white</td>
</tr>
</tbody>
</table>
# Sound, Paging and Public Address

**Bosch Security Systems Inc.**

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>424282</td>
<td>ZX1-90</td>
<td>200 W, 8 in. with EV DH2005 high-frequency compression driver, 2 NL4 connectors, 90 x 50 coverage pattern with rotatable waveguide, includes integrated pole mount, carrying slot and rubber feet, black high-impact polymer cabinet</td>
</tr>
<tr>
<td>424284</td>
<td>ZX1-90W</td>
<td>200 W, 8 in. with EV DH2005 high-frequency compression driver, 2 NL4 connectors, 90 x 50 coverage pattern with rotatable waveguide, includes integrated pole mount, carrying slot and rubber feet, white high-impact polymer cabinet</td>
</tr>
<tr>
<td>424291</td>
<td>ZX3-90B</td>
<td>600 watt, 12 in., bi-amp or passive, 90 x 50 horn, integral stand mount, Neutrik speakON, black</td>
</tr>
<tr>
<td>424293</td>
<td>ZX3-90W</td>
<td>600 watt, 12 in., bi-amp or passive, 90 x 50 horn, integral stand mount, Neutrik speakON, white</td>
</tr>
<tr>
<td>424297</td>
<td>ZX3-60B</td>
<td>600 watt, 12 in., bi-amp or passive, 60 x 60 horn, integral stand mount, Neutrik speakON, black</td>
</tr>
<tr>
<td>424298</td>
<td>ZX3-60W</td>
<td>600 watt, 12 in., bi-amp or passive, 60 x 60 horn, integral stand mount, Neutrik speakON, white</td>
</tr>
<tr>
<td>424301</td>
<td>ZX4</td>
<td>400 watt, 15 in., 90 x 150 horn, integral stand mount, Neutrik speakON, black</td>
</tr>
<tr>
<td>424302</td>
<td>ZX5-90B</td>
<td>600 watt, 15 in., bi-amp or passive, 90 x 50 horn, integral stand mount, Neutrik speakON, black</td>
</tr>
<tr>
<td>424303</td>
<td>ZX5-90W</td>
<td>600 watt, 15 in., bi-amp or passive, 90 x 50 horn, integral stand mount, Neutrik speakON, white</td>
</tr>
<tr>
<td>424305</td>
<td>ZX5-60B</td>
<td>600 watt, 15 in., bi-amp or passive, 60 x 60 horn, integral stand mount, Neutrik speakON, black</td>
</tr>
<tr>
<td>424306</td>
<td>ZX5-60W</td>
<td>600 watt, 15 in., bi-amp or passive, 60 x 60 horn, integral stand mount, Neutrik speakON, white</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Anixter No.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>424289</td>
<td>ZX11-100T</td>
<td>100 x 100 coverage pattern, transformer for 70/100 V operation at 6.5, 12.5, 25, 50, 100 W, black</td>
</tr>
<tr>
<td>424290</td>
<td>ZX11-100TW</td>
<td>100 x 100 coverage pattern, transformer for 70/100 V operation at 6.5, 12.5, 25, 50, 100 W, white</td>
</tr>
</tbody>
</table>

---

**TWO-WAY SPEAKER SYSTEM**

8 in. with EV DH2005 high-frequency compression driver, QuickSAM mount bracket, 4-pole Phoenix connector and high-impact polymer cabinet.

<table>
<thead>
<tr>
<th>Anixter No.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>424285</td>
<td>ZX1-90</td>
<td>200 W, 90 x 50 coverage pattern with rotatable waveguide, black</td>
</tr>
<tr>
<td>424286</td>
<td>ZX1-90W</td>
<td>200 W, 90 x 50 coverage pattern with rotatable waveguide, white</td>
</tr>
<tr>
<td>424287</td>
<td>ZX11-100</td>
<td>200 W, 100 x 100 coverage pattern, black</td>
</tr>
<tr>
<td>424288</td>
<td>ZX11-100W</td>
<td>200 W, 100 x 100 coverage pattern, white</td>
</tr>
</tbody>
</table>
The 2N Helios IP Vario is a door intercom that perfectly combines the most advanced technology with a unique design. It is a variable communication system supporting both voice and video transmission in an IP environment using the SIP protocol.

**FEATURES**
- Audio, video, keypad and RFID reader solution in one box
- Pure IP environment
- PoE (Power over Ethernet) or 12 V DC external power source
- Optional color TFT display with an intuitive user interface
- High-quality audio (codecs G.711, G.729) and real-time high-quality video (codecs H.263+ and H.264)
- Remote control and administration for your convenience and mobility
- Simple installation and integration with any SIP-based third-party devices
- Weather resistance - marine-grade steel case with IP53 cover
- Variety of models and accessories that fits all customer requirements

The 2N Helios IP Force is an exceptionally sturdy IP intercom that will ensure you effortless communication with the people coming to your door, in combination with reliable security for your building entrance. It supports voice and video communication using the SIP protocol and can deal with the most demanding conditions.

**FEATURES**
- Maximum resistivity against dust, water and mechanical damage
- High level of comprehensibility and high volume in noisy environments
- Striking color for easy identification under poor lighting conditions
- Backlit antivandal button made of stainless steel
- Integrated relay for controlling external device

At first sight, the 2N Helios IP UNI is a modest, yet very interesting door intercom. It offers the advantages of an IP environment and SIP telephone, while its simple installation allows the use of your existing LAN network. Control is intuitive, and high-quality construction in a practical design ensures the device is sufficiently durable and resistant to external influences.
**Sound, Paging and Public Address**

**2N TELECOMMUNICATIONS**

**NetSpeaker - Stand-alone Box**

The 2N NetSpeaker is an IP audio system that enables acoustic communication or other audio stream to be played from a given PC in a LAN/WAN network. For audio transmission over IP all you need to do is connect a standard speaker or amplifier to the 2N NetSpeaker, thus creating a virtual central broadcasting system. This allows for any audio to be played with the options to create separate zones with different communication content. A use for this solution is found, for instance, in schools, shopping centers, office buildings, at train stations, in athletic, cultural or health facilities and in many other public spaces.

**FEATURES**
- Easy installation
- 1 W speaker
- One or two back-lit buttons
- Tamper switch

<table>
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<tr>
<th>Anixter No.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>497020</td>
<td>9153101</td>
<td>One button</td>
</tr>
</tbody>
</table>

**SIP Speaker - Stand-alone Box**

The 2N SIP Speaker is an IP paging device with many useful functions. It can be used at the workplace, in schools, offices and other public spaces. You can use it with a loudspeaker as a simple P.A. system or with a microphone as a two-way intercom. The link between IP technology and an SIP protocol enables announcements to be sent to all the devices in the system, to select individual zones or call a specific device. With an external microphone and button, an end station can call up to three preselected numbers. It is then possible to control one external switch from these workplaces with any function based on the needs of the given operation.

**FEATURES**
- Integration with SIP-VoIP systems
- Automated playback of scheduled announcements
- Integrated 16 W amplifier
- Easy to deploy and use

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>497019</td>
<td>914401E</td>
<td>Stand-alone box</td>
</tr>
</tbody>
</table>
Sound, Paging and Public Address

Aiphone

IS Series IP Video Intercom

The IS Series IP Security Intercom is the latest video intercom system that takes full advantage of existing network infrastructures without the need for additional wiring or peripherals. Perfect for large corporations, school districts or small businesses, the IS series provides cost-effective building communication while controlling security. Door stations have PTZ cameras that provide a 170-degree viewing angle. Monitor these cameras and talk to visitors from ANY location on your network using a standard or software master station.

FEATURES

• All-in-one communication system to control video entry, public address, access control and scheduled bell systems
• Uses new or existing Cat 5e/6 network infrastructure
• Program system functions via browser
• Time-based call forwarding, scan monitoring, emergency call, priority call, video audio recording, paging and scheduled zone paging
• Transfer calls to outside phone lines
• Composite video output from IS-MV/IS-IPMV/IS-CCU/IS-SCU
• IP-addressable stations available for easy network communication
• PC master station records audio/video directly to PC or NVR
• System can be small using IP direct stations or expand to up to 1,024 devices using a combination of hardwired and IP direct units

Anixter No. Vendor No. Description

506849 IS-HTR Heater plate with thermostat to lower temperature of stations to -40º C/F (For all doors/subs excluding IS-SS-2G)
449490 IS-RR Audio-only room substation with hands-free communication and privacy handset
449491 IS-CCU Central control unit - controls four master stations and four door/substations
449492 IS-SCU Add-on control - adds an additional eight master stations and eight door/substations. Up to two per IS-CCU
449493 IS-RCU Room Station control unit - controls 30 rooms/substations. Up to four per IS-CCU
449494 IS-IPC IP control unit. Allows for phone-line transfers and e-mail notifications. Connects IS-CCU and all attached devices onto a network
449495 IS-PU-UL Power supply. Required for each IS Series control unit
449496 IS-SOFT PC master-station software. Includes installation DVD with one software license
449497 IS-IPMV IP direct video master station with a 3.5 in. color LCD monitor and PTZ control. PoE or use PS-2420UL (not included)
449498 IS-IPDV IP direct video door/substation with 170-degree PTZ camera, zinc die-cast, surface mount PoE or use PS-2420UL (not included)
449499 IS-IPDVF IP direct video door/substation with 170-degree PTZ camera, stainless steel, flush-mount. PoE or use PS-2420UL (not included)

BOXED SET

PoE or use PS-2420UL (not included).

Anixter No. Vendor No. Description

506850 ISS-IPMDV Includes one IS-IPMV and one IS-IPDV
506851 ISS-IPMDF Includes one IS-IPMV and one IS-IPDV
506852 ISS-SWDV Includes one IS-SOFT and one IS-IPDV
506854 ISS-SWDF Includes one IS-SOFT and one IS-IPDV

AX Series

Aiphone

The AX Series provides video communications between door stations and master stations while integrating with existing security systems, including CCTV and electronic access control. Door call-ins may also be transferred to a telephone line.
Best of all, the AX Series is PC-programmable so system communication and functionality is set up in a snap.

**FEATURES**
- Connected using Cat 5e wiring
- Eight masters, 120 remote stations
- Two talk channels
- PTT or VOX operation
- Master-to-master calling
- Masters available with 3 1/2 in. color TFT LCD
- Composite video output from CCU and master station
- Door stations with stand-alone card readers. No access control panel required (AX-DV-XP, AX-DVF-XP)
- Priority call-in
- Communication privacy
- Electronic access-control integration
- CCTV integration
- Selective remote control (e.g. door release)
- PC-programmable and event logging
- Scan monitoring, selective remote stations
- Rack-mount option for CCU
- All-Call between master stations and selective call between masters and subs
- Compatible with IE series door stations
- Optional features:
  - footswitch
  - headset
  - external telephone line
  - PC remote control

---

**JKW-IP Series IP Hands-free Video Intercom with Pan/Tilt/Zoom**

**FEATURES**
- Identify and communicate with visitors over the Internet
- Receive an e-mail notification with photo when a visitor is at the door
- View individuals while automatically recording the video onto your PC
- Easily talk back and forth with visitors while at the computer
- Conveniently unlock the door while online
- View door station on up to 10 PCs and included master station
- Quick and easy to install - only two wires!
- Widest camera view! 170 degrees of viewing area!
- Door release
- One door and up to two inside stations
- Picture memory

**BOXED SET**

**ACCESSORIES**

Purchase separately for already installed JK Series video intercoms or purchase one of the boxed sets for new JK Series installations with IP capability.
The JK Series is a pan/tilt/zoom, open-voice color video intercom system. At 170 degrees, the JK series camera offers nearly twice the viewing width as conventional video intercoms. The video from the JK's fish-eye camera lens is digitally processed so the monitor displays distortion-free video.

**FEATURES**
- Quick and easy to install (only two wires)
- Door stations have 170-degree wide-angle camera to view large entry area
- Widest camera view in the industry
- Zoom in and pan/tilt to view greater entry-area detail
- One door and two inside stations
- Built-in picture memory to record visitors (JK-1MED only)
- Boxed sets include door station, master station and power supply for easy install

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>393789</td>
<td>JK-1AD</td>
<td>Includes one JK-1MD master station, one JK-DA surface-mount, plastic door station and one power supply</td>
</tr>
<tr>
<td>393790</td>
<td>JK-1ADV</td>
<td>Includes one JK-1MD master station, one JK-DV surface-mount, zinc die-cast door station and one power supply</td>
</tr>
<tr>
<td>393791</td>
<td>JK-1ADF</td>
<td>Includes one JK-1MD master station, one JK-DVF flush-mount, stainless steel door station and one power supply</td>
</tr>
<tr>
<td>393792</td>
<td>JK-1AED</td>
<td>Includes one JK-1MED master station, one JK-DA surface-mount, plastic door station and one power supply</td>
</tr>
<tr>
<td>393793</td>
<td>JK-1AEDV</td>
<td>Includes one JK-1MED master station, one JK-DVF surface-mount, zinc die-cast door station and one power supply</td>
</tr>
<tr>
<td>393794</td>
<td>JK-1AEDF</td>
<td>Includes one JK-1MED master station, one JK-DVF flush-mount stainless steel door station and one power supply</td>
</tr>
</tbody>
</table>

The GT system is the ideal communications solution for new and existing multiunit/apartment applications. It's the simplest audio/video entry system available on the market. Its flexibility allows you to mix and match modules to create the exact system configuration and features you need. It is an ideal access control system, which adds security and convenience to tenants in an apartment or office building.

**FEATURES**
- Hands-free color video entry security
- INSTANT-ON audio and 170-degree image of door area
- Pan/tilt/zoom control to allow for greater viewing of entry area
- Up to 16 entrance stations, four concierge/guard stations and 500 tenant stations
- Up to 500 unique access key codes to gain building entry
- Concierge/guard stations can screen calls from visitors (reception mode)
- Up to four stations per tenant with internal communication between units (using GT-2C/2H only)
- Chime or receiver volume control
- Call-in tone: two types of call tones, one from the entrance station, the other from the doorbell button, distinguishable
- Simultaneous communications with handset
- Talk path: single channel with privacy
- Vandal- and weather-resistant entrance station
- Optional rain hood or surface box with hood is also available
- Fully modular design with speech module and call switch modules
- Four-wire bus lines throughout system enable simple and quick system set-up
- Digital name scrolling at entrance panel for directory of tenants in the building, INSTANT-ON audio and image of door
- Access control keypad with up to 100 unique user codes (matches JK-DV door station)
The JA Series PanTilt Open Voice Color Video is an open-voice, color video entry security system. The system features monitors with a large, easy-to-activate TALK button, a 4 in. TFT monitor and pan/tilt controls. VOX-activated communications can override the push-to-talk operation. Monitors also feature built-in video output, call transferring, connection for footswitch, chime volume and monitor-brightness controls.

**FEATURES**

- Quick and easy to install (only two wires)
- Open-voice, color video with Aiphone quality and support
- Pan/tilt camera(s) covers wider area
- Expandable to two door stations and three inside units
- Built-in picture memory available
- Flush-mount and vandal proof cameras available

Anixter No.  Vendor No.  Description

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>449502</td>
<td>GTV-DES104</td>
<td>Video 10-key digital entrance station with PTZ color camera and access control keypad (tall)</td>
</tr>
<tr>
<td>449503</td>
<td>GTA-DES</td>
<td>Audio only 10-key digital entrance station with access control keypad</td>
</tr>
</tbody>
</table>

**GT HANDS-FREE TENANT SUBSTATION WITH PTZ CAMERA CONTROL**

Anixter No.  Vendor No.  Description

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>449504</td>
<td>GT-2C</td>
<td>Full featured, picture memory, suite security and internal communication when used with GT-2H units, white</td>
</tr>
<tr>
<td>449505</td>
<td>GT-2CB</td>
<td>Full featured, picture memory, suite security and internal communication when used with GT-2H units, black</td>
</tr>
<tr>
<td>449506</td>
<td>GT-2CS</td>
<td>Full featured, picture memory, suite security and internal communication when used with GT-2H units, silver</td>
</tr>
<tr>
<td>449507</td>
<td>GT-2H</td>
<td>Full featured, suite security and internal communication when used with GT-2C unit, white</td>
</tr>
<tr>
<td>449508</td>
<td>GT-2HB</td>
<td>Full featured, suite security and internal communication when used with GT-2C unit, black</td>
</tr>
<tr>
<td>449509</td>
<td>GT-2HS</td>
<td>Full featured, suite security and internal communication when used with GT-2C unit, silver</td>
</tr>
<tr>
<td>449510</td>
<td>GT-1CB</td>
<td>Video hands-free tenant station for use with the GT multi-tenant system, black</td>
</tr>
<tr>
<td>449511</td>
<td>GT-1CS</td>
<td>Video hands-free tenant station for use with the GT multi-tenant system, silver</td>
</tr>
</tbody>
</table>

**CONTROL EQUIPMENT**

Anixter No.  Vendor No.  Description

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>449512</td>
<td>GT-HS</td>
<td>Optional add-on handset to add privacy to GT-2C/2CB/2CS, GT-2H/2HB/2HS and GT-1C/1CB/1CS units</td>
</tr>
<tr>
<td>449513</td>
<td>GT-1A</td>
<td>Audio only hands-free tenant station</td>
</tr>
<tr>
<td>449514</td>
<td>GT-1M-L</td>
<td>Handset tenant station with video</td>
</tr>
<tr>
<td>449515</td>
<td>GT-1D</td>
<td>Audio only handset tenant station</td>
</tr>
<tr>
<td>449516</td>
<td>GT-MK</td>
<td>Concierge/guard station</td>
</tr>
<tr>
<td>449517</td>
<td>GT-VBC</td>
<td>Video control unit</td>
</tr>
<tr>
<td>449518</td>
<td>GT-4Z</td>
<td>Four-way video distributor</td>
</tr>
<tr>
<td>449519</td>
<td>GT-BCX</td>
<td>Expanded audio control unit</td>
</tr>
<tr>
<td>449520</td>
<td>GT-VBX</td>
<td>Expanded video control unit</td>
</tr>
<tr>
<td>258085</td>
<td>PS-2420UL</td>
<td>24 V DC power supply</td>
</tr>
<tr>
<td>258084</td>
<td>RY-3DL</td>
<td>Selective door release adapter, three doors</td>
</tr>
<tr>
<td>273758</td>
<td>IER-2</td>
<td>Call extension</td>
</tr>
</tbody>
</table>
**JF Series Color Hands-free Video Entry Security System**

**Aiphone**

Crisp color image for day or night with LED illuminators and a 3.5 in. TFT color LCD monitor. Door call-in turns on the image instantly with audio monitoring. Monitor button allows both audio and video monitoring of the door station. Large TALK button allows for easy one-touch hands-free communications. Supports up to two doors and three inside stations.

**FEATURES**
- Quick and easy to install (only two wires)
- Open-voice, color video with Aiphone quality and support
- Video door station with HID embedded card readers available
- Leave a voice memo to replay at inside stations
- Prerecord entrance messages
- Two door stations and three inside units
- Built-in picture memory
- Boxed sets include door station, master and power supply for easy install

**BOXED SETS**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>339188</td>
<td>JFS-2AED</td>
<td>Includes one JF-2MED master station, one JF-DA surface-mount, plastic door station and one power supply</td>
</tr>
<tr>
<td>339189</td>
<td>JFS-2AEDV</td>
<td>Includes one JF-2MED master station, one JF-DV surface-mount, zinc die-cast door station and one power supply</td>
</tr>
<tr>
<td>339190</td>
<td>JFS-2AEDF</td>
<td>Includes one JF-2MED master station, one JF-DVF flush-mount, stainless steel door station and one power supply</td>
</tr>
</tbody>
</table>

**SYSTEM COMPONENTS**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>339193</td>
<td>JF-DVF-HID</td>
<td>Flush-mount, stainless steel door station with HID ProPoint Plus embedded card reader for JF Series</td>
</tr>
<tr>
<td>339203</td>
<td>JF-DVF-HID-I</td>
<td>Flush-mount, stainless steel door station with HID iCLASS embedded card reader for JF Series</td>
</tr>
<tr>
<td>273726</td>
<td>PS-1820UL</td>
<td>Power supply</td>
</tr>
<tr>
<td>258084</td>
<td>RY-3DL</td>
<td>Selective door release adapter, three doors</td>
</tr>
<tr>
<td>273758</td>
<td>IER-2</td>
<td>Call extension</td>
</tr>
<tr>
<td>339191</td>
<td>JF-2HD</td>
<td>Submaster station with color video</td>
</tr>
<tr>
<td>372960</td>
<td>JF-DV</td>
<td>Surface-mount, zinc die-cast door station</td>
</tr>
</tbody>
</table>

**Open Voice Selective Call Intercom System - LEF Series**

**Aiphone**

The LEF is a flexible open voice selective call intercom system which integrates any combination of master and substations. Selective calling from any master, with hands-free reply.

**FEATURES**
- Communication and calling from up to 11 stations
- Wide variety of door, sub- and master stations
- Call tone and light at masters when door or sub calls
- Selective calling from masters with hands-free reply
- Wide variety of accessories and mounting options

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>232025</td>
<td>LEF-3</td>
<td>3-call selective call intercom</td>
</tr>
<tr>
<td>232027</td>
<td>LEF-5</td>
<td>5-call selective call intercom</td>
</tr>
<tr>
<td>232028</td>
<td>LEF-10</td>
<td>10-call selective call intercom</td>
</tr>
<tr>
<td>232097</td>
<td>LE-D</td>
<td>Door station, flush-mount, stainless steel faceplate</td>
</tr>
<tr>
<td>258161</td>
<td>LE-DA</td>
<td>Door station, flush-mount, weather-resistant, stainless steel faceplate</td>
</tr>
<tr>
<td>273744</td>
<td>LE-SS/A</td>
<td>Door station, flush-mount, weather-resistant, stainless steel</td>
</tr>
<tr>
<td>258164</td>
<td>BG-10C</td>
<td>All call/music/chime adapter</td>
</tr>
<tr>
<td>273717</td>
<td>PS-1225UL</td>
<td>12 V DC power supply</td>
</tr>
<tr>
<td>247848</td>
<td>RY-PA</td>
<td>Door release relay</td>
</tr>
</tbody>
</table>

---

**Anixter**

Request the latest literature and guides from Anixter.  
1.800.ANIXTER • anixter.com/literature
The KB Series 3 x 5 Color Video Sentry series is a video entry system with capacity for three video door stations and up to five inside monitor/handset stations. An audio-only door station can be substituted for the third video door. The video room stations are equipped with a 4 in. TFT LCD.

**FEATURES**
- Two wires to the door means quick-and-easy installation
- Wide-angle door camera tilts to increase viewing area
- Handset at monitor provides privacy
- Selective and All-Call between interior monitor stations
- 4 in. TFT monitor provides excellent clarity

### IP Intercom Adapter
**Aiphone**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>408564</td>
<td>IPW-1A</td>
<td>IP network adapter, power supply and computer software to operate with door stations below</td>
</tr>
<tr>
<td>319715</td>
<td>AX-DM</td>
<td>Audio only door station, mullion-mount design</td>
</tr>
<tr>
<td>232092</td>
<td>IF-DA</td>
<td>Surface-mount door station, brown plastic</td>
</tr>
<tr>
<td>420922</td>
<td>IE-DC</td>
<td>Plastic, surface-mount door station with aluminum cover</td>
</tr>
<tr>
<td>258159</td>
<td>IE-JA</td>
<td>Door station with stainless steel faceplate, flush-mount</td>
</tr>
<tr>
<td>319727</td>
<td>IE-SS/A</td>
<td>Stainless steel, flush-mount door station</td>
</tr>
<tr>
<td>319724</td>
<td>IE-SSR</td>
<td>Stainless steel, flush-mount door station with red mushroom call button</td>
</tr>
<tr>
<td>316684</td>
<td>SBX-2G</td>
<td>Stainless steel, surface-mount box for the IE-JA, IE-SS/SSR</td>
</tr>
</tbody>
</table>

**Sound, Paging and Public Address**

### Aiphone

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>232080</td>
<td>KB-3MRD</td>
<td>Color main room station</td>
</tr>
<tr>
<td>258082</td>
<td>KB-3HRD</td>
<td>Color sub room station</td>
</tr>
<tr>
<td>258083</td>
<td>KB-3SD</td>
<td>Audio only handset</td>
</tr>
<tr>
<td>232083</td>
<td>KB-DAR</td>
<td>Color tilt door station</td>
</tr>
<tr>
<td>258084</td>
<td>RY-3DL</td>
<td>Selective door release adapter, three doors</td>
</tr>
<tr>
<td>258085</td>
<td>PS-2420UL</td>
<td>24 V DC power supply</td>
</tr>
<tr>
<td>232092</td>
<td>IF-DA</td>
<td>Surface-mount door station, brown plastic</td>
</tr>
<tr>
<td>258159</td>
<td>IE-JA</td>
<td>Door station with stainless steel faceplate, flush-mount</td>
</tr>
</tbody>
</table>
Aiphone's “all-in-one” solution combines a card reader, an intercom station and a video camera into a single easy-to-install unit. If a card is missing or malfunctioning, audio and video communications can provide user verification. The standard Wiegand output from the card reader connects to an access control system while the audio intercom with video uses just two wires. Aiphone now offers various models which are compatible with HID ProxPoint Plus iCLASS cards and even stand-alone readers that do not require access panels.

**FEATURES**

- Different models to choose from for different systems and functionality
- Convenience of installing combined components

**HID iCLASS EMBEDDED SMART CARD READERS**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>339203</td>
<td>JF-DVF-HID-I</td>
<td>Flush-mount, stainless steel door station with HID iCLASS embedded card reader for JF Series</td>
</tr>
<tr>
<td>449485</td>
<td>IS-DVF-HID-I</td>
<td>Flush-mount, stainless steel door station with HID iCLASS embedded card reader for IS Series</td>
</tr>
</tbody>
</table>

**HID PROXPOINT PLUS EMBEDDED PROXIMITY CARD READERS**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>449485</td>
<td>IS-DVF-HID</td>
<td>Flush-mount, stainless steel door station with HID ProxPoint Plus embedded card reader for IS Series</td>
</tr>
<tr>
<td>319714</td>
<td>AX-DVF-P</td>
<td>Flush-mount, stainless steel door station with HID ProxPoint Plus embedded card reader for AX Series</td>
</tr>
<tr>
<td>339193</td>
<td>JF-DVF-HID</td>
<td>Flush-mount, stainless steel door station with HID ProxPoint Plus embedded card reader for JF Series</td>
</tr>
<tr>
<td>420944</td>
<td>JK-DVF-HID</td>
<td>Flush-mount, stainless steel door station with HID ProxPoint Plus embedded card reader for JK Series</td>
</tr>
</tbody>
</table>

**ACCESS KEYPAD DOOR STATION**

Includes flush-mount, stainless door station with embedded access keypad.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>420946</td>
<td>JK-DVF-AC</td>
<td>For IS/JK Series</td>
</tr>
<tr>
<td>258085</td>
<td>PS-2420UL</td>
<td>24 V DC power supply</td>
</tr>
<tr>
<td>506872</td>
<td>JMS-4AED</td>
<td>Easy to install box set includes JMS4MED, JKDA, PS</td>
</tr>
<tr>
<td>506873</td>
<td>JMS-4AEDV</td>
<td>Easy to install box set includes JMS4MED, JKDV, PS</td>
</tr>
<tr>
<td>506875</td>
<td>JMS-4AEDF</td>
<td>Easy to install box set includes JMS4MED, JKDF, PS</td>
</tr>
<tr>
<td>506876</td>
<td>JMW-BA</td>
<td>Long-distance adapter for audio/video door stations</td>
</tr>
<tr>
<td>506877</td>
<td>JM-BZ</td>
<td>Distribution adapter for submaster stations (only required for home run wiring method)</td>
</tr>
</tbody>
</table>

The JM Series Touchscreen Intercom features a large 7 in. touch screen monitor for clear visitor identification and easy operation. The JM Series can be installed at four door locations and connected to eight inside locations with internal communication between stations. The JM Series features hands-free communication with a handset for privacy communication in high volume environments. Perfect for homes and offices.

**FEATURES**

- Flexible wiring choices - use home run or daisy chain wiring methods with Cat 5e or low-voltage cable
- Touch screen stations control PTZ camera at door station
- Picture memory records images of visitors to internal memory, insert an SD/SDHC card (sold separately) to increase picture memory frame rate
- Three alarm inputs, eg. door/window contacts, PERS devices
- T-coil support for compatible hearing aids
- 170° camera eliminates blind spots
- Video output to DVR or monitor

**JA Series Touchscreen Intercom With Handset**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>506866</td>
<td>JM-4MED</td>
<td>Master station with picture memory</td>
</tr>
<tr>
<td>506869</td>
<td>JM-4HD</td>
<td>Submaster station, up to seven can be wired to JM4MED</td>
</tr>
<tr>
<td>506870</td>
<td>JK-DA</td>
<td>Door station, surface-mount, plastic exterior</td>
</tr>
<tr>
<td>425324</td>
<td>JK-DV</td>
<td>Door station, surface-mount, zinc die-cast</td>
</tr>
<tr>
<td>506871</td>
<td>JK-DVF</td>
<td>Door station, flush-mount, stainless steel</td>
</tr>
<tr>
<td>420944</td>
<td>JK-DVF-HID</td>
<td>Flush-mount, stainless steel door station with HID ProxPoint Plus embedded card reader for JK Series</td>
</tr>
<tr>
<td>420946</td>
<td>JK-DVF-AC</td>
<td>For IS/JK Series</td>
</tr>
<tr>
<td>258085</td>
<td>PS-2420UL</td>
<td>24 V DC power supply</td>
</tr>
<tr>
<td>506872</td>
<td>JMS-4AED</td>
<td>Easy to install box set includes JMS4MED, JKDA, PS</td>
</tr>
<tr>
<td>506873</td>
<td>JMS-4AEDV</td>
<td>Easy to install box set includes JMS4MED, JKDV, PS</td>
</tr>
<tr>
<td>506875</td>
<td>JMS-4AEDF</td>
<td>Easy to install box set includes JMS4MED, JKDF, PS</td>
</tr>
<tr>
<td>506876</td>
<td>JMW-BA</td>
<td>Long-distance adapter for audio/video door stations</td>
</tr>
<tr>
<td>506877</td>
<td>JM-BZ</td>
<td>Distribution adapter for submaster stations (only required for home run wiring method)</td>
</tr>
</tbody>
</table>
Perfect for general background music and paging applications in schools, restaurants, hotels and offices, the SD, GD and FC series provide great intelligibility and long-lasting quality in a very economical package. All models are UL Listed under Standard 2043 for use in air-handling spaces (plenum) and under Standard 1480 for general signaling.

**SD SERIES 8 IN. DUAL CONE SPEAKERS**
- SD72 - 10 oz., dual-cone loudspeaker
- SD72W - 10 oz., loudspeaker with attractive white CRS grill
- SD72WV - 10 oz., dual-cone loudspeaker with attractive white CRS grill, front-mount volume control, removable knob
- SD72WV - 5 oz., loudspeaker with attractive white CRS grill

**GD SERIES 10 OZ., 8 IN. COAXIAL SPEAKERS**
- GD87 - coaxial loudspeaker
- GD87W - dual-cone loudspeaker with attractive white CRS grill

**FC SERIES 10 OZ., 4 IN. HIGH-COMPLIANCE LOUDSPEAKER**
- FC104T72 - 4 W transformer, 25 V/70.7 V assembly

**Providing clear, powerful and dependable transmission of voice, music and signaling for use in commercial sound applications, the DLS4 system combines installation versatility with the wide coverage pattern and high efficiency of the legendary Atlas Sound FC104 Driver to create the perfect solution for ceiling heights below 15 ft. A discreet profile is created by the DLS4 due to a small-diameter bezel. To allow this small diameter, the engineers from Atlas Sound created a "through the dust cap" tap selector switch system which allows easy tap-setting adjustments from below the deck while providing wide coverage diffusion of high frequencies emitting from the center of the speaker cone.**

**FEATURES**
- UL Listing pending
- Variety of mounting hardware options

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>322112</td>
<td>DLS4</td>
<td>4 in., 8 W, 70.7 V speaker system</td>
</tr>
</tbody>
</table>

**ACCESSORIES FOR DLS4 INSTALLATION INTO EXISTING OR NEW CONSTRUCTION**

**ACOUSTIC TILE**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>322113</td>
<td>FAB1-4</td>
<td>Tile bridge for mineral tile ceiling installation</td>
</tr>
<tr>
<td>243653</td>
<td>CS95-5</td>
<td>Optional round UL Listed &quot;twist on&quot; enclosure</td>
</tr>
</tbody>
</table>

**ACCESSORIES FOR DLS4 INSTALLATION INTO NEW CONSTRUCTION**

**DRYWALL CEILINGS**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>322114</td>
<td>FA-TR4</td>
<td>New construction trim ring for use with 16 in. or 24 in. OC stud construction</td>
</tr>
<tr>
<td>322115</td>
<td>E410NT</td>
<td>Optional enclosure for use with FA-TR4</td>
</tr>
</tbody>
</table>
Atlas Sound environment-resistant loudspeakers are the world’s standard for high-intelligibility voice and signal transmission for indoor and outdoor public address, intercom, security, and industrial-signal-system applications. Cost-effective, 15 and 30 W units incorporate high-efficiency compression drivers to project sound over long distances or wide areas with fewer loudspeakers. Units are commonly installed in commercial buildings, distribution centers, factories, schools, public access areas, civic centers and recreational facilities. UL Listed under Standard 1480 for general signaling applications.

**FEATURES**

- High-efficiency driver with proven performance reliability
- Transformer (T) equipped version for versatile 25, 70.7 or 100 V line applications
- Omni-purpose bracket for precise positioning
- Environment resistant for outdoor and indoor use

**UL LISTING UNDER STANDARD 1480**

Speakers for Fire-Protective Signaling Systems and California State Fire Marshal (Title 19).

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>241331</td>
<td>AP-15T</td>
<td>15 W horn speaker with 25/70.7/100 V transformer</td>
</tr>
<tr>
<td>241330</td>
<td>AP-30T</td>
<td>30 W horn speaker with 25/70.7/100 V transformer</td>
</tr>
</tbody>
</table>

To facilitate division-of-labor requirements, the VP14 system has changed to separate-component ordering. The vandalproof slanted wall-mount baffle, finished in attractive, neutral beige, is ideal for use in high-security areas such as schools and correctional facilities. Its sturdy, 14 gauge baffle construction and specially designed protective labyrinth screen protects the enclosed speaker assembly against abuse. Each package contains a high-quality 8 in. diameter loudspeaker with a 10 ounce ceramic magnet and preassembled 25 V/70.7 V transformer with five power taps. This system includes an adapter to comply with Wiremold 500 and 700 Series conduit.

**FEATURES**

- Attractive design is suitable for use in a variety of surface-mount vandalproof applications
- Impermeable security grill protects speaker
- 9.5-degree sloped design offers directional sound projection

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>258203</td>
<td>VP14</td>
<td>Vandalproof slanted baffle/speaker 8 in., 4 W, 70.7 V/25 V speaker system</td>
</tr>
<tr>
<td>370424</td>
<td>VP14MB</td>
<td>14 gauge steel vandalproof 4 W (70.7 V/25 V)</td>
</tr>
<tr>
<td>371094</td>
<td>VP14ENC</td>
<td>16 gauge steel vandalproof enclosure</td>
</tr>
</tbody>
</table>

The SBMS is ideal for "big box" retail stores whose special design calls for an open-beam ceiling. The goal of any good paging system in this environment is to get customers to pay attention to the announcements of specials and the employees to respond to general paging - intelligibility is a top design goal. The high efficiency of the specially designed 8 in. speaker included in the SBMS package fills this requirement. Atlas gave the SBMS a square design, which blends in with the overall aesthetic of an open-beam ceiling.
FEATURES

- Easy-to-install loudspeaker package includes provisions for fast clamp-mount installation to I-beams and girders
- Convenient lead wire extensions assure expedited field connection
- Durable white powder-coat finish

Anixter No. Vendor No. Description
258202 SBMS Square beam-mount speaker system with 8 in. speaker, white finish

ATLAS SOUND

The Reflex projector and double re-entrant horns from Atlas Sound are perfect for directional sound and signaling distribution where controlled dispersion and maximum audibility are required. Combine these weatherproof units with an Atlas Sound 1 3/8 in. - 18 male threaded compression drivers for use in various indoor/outdoor applications. Models offer maximum positioning flexibility. Units are also ideal for use with community warning systems and for installation in manufacturing facilities, warehouses, transportation terminals and recreational buildings.

FEATURES

- Multipurpose horns for high-intelligibility sound distribution in voice and signal applications
- Weatherproof construction for year-round use

ATLAS SOUND

The Strategy Series will satisfy the needs of owners, architects, contractors and consultants by delivering true, high-fidelity sound reproduction in an attractive and easy-to-install system. Units are ideal for high-intelligibility voice, music, and signal reproduction in commercial, industrial and institutional applications.

FEATURES

- Easy installation in drop tile or sheetrock ceilings via C-ring/V-rail tile bridge and dog-leg-mounting system
- Front-mounted tap-selector switch for easy system tuning adjustments includes transformer bypass setting for 8 ohm direct coupled operation
- Input section allows for through conduit runs with rigid or flex conduit
- 4-pole detachable Phoenix-style connector allows easy prewiring and is convenient for daisy-chaining additional Strategy full-range speakers or subwoofers (all models except FAP40T)
- "Press fit" grills blend better into contemporary architecture
- Enhanced-quality 70.7 V/100 V internal transformers minimize insertion loss and maintain low-frequency response while providing increased output for higher SPL applications

ATLAS SOUND

Continued on next page > >
(continued) High-performance In-ceiling Loudspeaker Packages

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>258200</td>
<td>FAP62T</td>
<td>6 in., 30 W, 70.7/100 V/8 ohm coaxial speaker system</td>
</tr>
<tr>
<td>322120</td>
<td>FAP82T</td>
<td>8 in., 60 W, 70.7/100 V/8 ohm coaxial speaker system</td>
</tr>
<tr>
<td>258201</td>
<td>FAPSUB</td>
<td>8 in., 60 W, 70.7/100 V/8 ohm subwoofer speaker system</td>
</tr>
</tbody>
</table>

SURFACE-MOUNT MODEL

These systems are ideal for indoor and outdoor installations, in monaural and stereo foreground or background music systems, video systems in conference rooms and classrooms, boutiques/shops, restaurants/cafes, leisure, recreation/sports centers and houses of worship. All models are constructed of weather-resistant materials: UV-resistant, talc-impregnated, polypropylene injection-molded cabinets; polypropylene or treated woofer cones; powder-coated aluminum grills and all-brass hardware. A multiposition, C-shape mounting bracket is included with each model at no additional cost. Optional ball-mount model SMBallmount-B/W available for applications where concealed mounting hardware is required.

FEATURES

- Economically priced
- Easy to install
- Durable construction for commercial applications

HARDWARE FOR 8 IN. LOUDSPEAKERS - SD72/GD87 (ROUND BAFFLES)

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>235407</td>
<td>62-B</td>
<td>12 3/4 in. diameter round baffle (weld studs for speaker mounting)</td>
</tr>
<tr>
<td>235406</td>
<td>51-B</td>
<td>12 3/4 in. diameter standard round baffle</td>
</tr>
<tr>
<td>235400</td>
<td>81-BR</td>
<td>Tile bridge assembly for use with 51-B, 62-B</td>
</tr>
<tr>
<td>243653</td>
<td>CS95-B</td>
<td>Optional round UL Listed “twist on” enclosure</td>
</tr>
</tbody>
</table>

HARDWARE FOR 8 IN. LOUDSPEAKERS - SD72/GD87 (SQUARE BAFLE)

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>241328</td>
<td>161-B</td>
<td>11 1/2 in. square baffle</td>
</tr>
<tr>
<td>322125</td>
<td>81-8S</td>
<td>Tile bridge assembly for use with square baffles</td>
</tr>
<tr>
<td>322126</td>
<td>198-B</td>
<td>10 11/16 in. square, 3 3/4 in. deep enclosure</td>
</tr>
</tbody>
</table>

HARDWARE FOR 4 IN. LOUDSPEAKERS (ROUND BAFLE)

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>235409</td>
<td>51-4</td>
<td>7 3/8 in. round baffle</td>
</tr>
<tr>
<td>235402</td>
<td>81-4</td>
<td>Tile bridge assembly for use with 51-4</td>
</tr>
<tr>
<td>243652</td>
<td>96-4</td>
<td>6 1/4 in. diameter, 4 1/4 in. deep enclosure for use with 81-4 and 51-4</td>
</tr>
</tbody>
</table>

Atlas Sound offers a wide variety of loudspeaker baffles, enclosures and mounting accessories for 4 in., 6 in., 8 in., 12 in. and 15 in. cone loudspeakers. This diverse selection provides owners, architects, design engineers, system contractors and distributors with multiple choices to satisfy literally all functional, aesthetic or mechanical project requirements.
The M1000 masking speaker assembly is designed to accurately reproduce the needed spectrum of masking signals into the plenum space. The innovative 734 cubic inch square enclosure ensures ample low-frequency response. A specially designed 8 in. dual cone loudspeaker is included in the package. A high-efficiency 70.7 V internal transformer is coupled to an external selector switch for easy system tuning. For more precise adjustments, wide wattage tap selections range from 0.25 watt to 4 watts (plus "off"). The exclusive Atlas Sound EZ hang brackets simplify installation. This innovative suspension system utilizes (two) collapsible galvanized hangers configured to allow quick upward or side-firing installation. The hangers are factory-installed on the unit and fold flat for shipping. To meet most any local code requirement, the M1000 includes an innovative cover containing both knockouts and a strain relief. This system will allow the use of rigid or flexible conduit (if required) and easily accommodates "through" connections on the removable plate. UL Listed under Standard 2043 for use in air-handling spaces.

**FEATURES**
- Labor-saving snap hanger assembly, allows quick and easy installation
- Innovative input panel includes combination knock-out and strain relief connector to accommodate flexible or rigid conduit

**Sound-masking Loudspeaker System**
**M1000**
8 in. 4 W, 734 cubic inch sound-masking loudspeaker system

The ASP-MG24, a four-channel masking generator/speaker processor features two line/mic level inputs along with four assignable internal masking generators and four DSP blocks to provide 1/3 octave equalization, time adjustment and compression/limiting. Recovery ramp-up in the event of power failure allows acclimation to masking levels in office spaces. Optional plug-in daughter board allows 365-day clock scheduling of masking outputs to allow weekend and holiday adjustments. Also useful for crossover and equalization of Atlas Sound ceiling-, surface-mount and stadium full-range speaker systems when used by themselves or with Atlas subwoofer systems. Setup software with intuitive GUI downloadable at AtlasSound.com.

**FEATURES**
- Suited for complex masking systems
- The intuitive ASP-MG24 setup, GUI is designed to simplify even complex setups that utilize sources plus masking in the same zone
- Easy downloads from the Atlas Sound MEQ masking program make system tuning a breeze

**Auto Transformer Attenuators (Volume Controls) For 70.7 V/25 V Speaker Systems**

**ATLAS SOUND**

The high-quality auto transformer series provides the advantages of excellent frequency response, low insertion loss and reliable performance for volume control application in 25 and 70.7 V systems. Attenuation is accomplished in 10 make-before-break steps plus positive off position. (No stop between maximum and off position to prevent switch damage). Contacts are silver-plated for noise-free operation. Units feature a removable terminal block and include stainless steel plate, with stamped and filled or screen-printed dial scale and a skirted black knob. The Deluxe Decora style includes white/ivory knobs, inserts and trim rings. UL Listed.

**FEATURES**
- All models mount into most 1-gang E.O. boxes
- Superior frequency response
- Easy installation via removable Phoenix-style four-pole connector

**Attenuators;Volume Control**
Anixter No. Vendor No. Description
258212 AT10 10 W attenuator, 3 dB steps
258211 AT35 35 W attenuator, 3 dB steps, SG stainless steel wall plate
258209 AT100 100 W attenuator, 3 dB steps, SG stainless steel wall plate
322129 AT10D 10 W attenuator, 3 dB steps, SG Decora style
322130 AT35D 35 W attenuator, 3 dB steps, SG Decora style
322131 AT100D 100 W attenuator, 3 dB steps, SG Decora style

**Sound-masking Generator/Speaker Processor**
**ATLAS SOUND**

The ASP-MG24, a four-channel masking generator/speaker processor features two line/mic level inputs along with four assignable internal masking generators and four DSP blocks to provide 1/3 octave equalization, time adjustment and compression/limiting. Recovery ramp-up in the event of power failure allows acclimation to masking levels in office spaces. Optional plug-in daughter board allows 365-day clock scheduling of masking outputs to allow weekend and holiday adjustments. Also useful for crossover and equalization of Atlas Sound ceiling-, surface-mount and stadium full-range speaker systems when used by themselves or with Atlas subwoofer systems. Setup software with intuitive GUI downloadable at AtlasSound.com.

**FEATURES**
- Suited for complex masking systems
- The intuitive ASP-MG24 setup, GUI is designed to simplify even complex setups that utilize sources plus masking in the same zone
- Easy downloads from the Atlas Sound MEQ masking program make system tuning a breeze

Anixter No. Vendor No. Description
366626 ASP-MG24 Sound-masking generator, speaker processor
Atlas Sound

Global MA, Channel Mixer/Amplifiers

ATLAS SOUND

Designed from the ground up to address the needs of the commercial sound industry, Atlas Sound’s Strategy series amplifiers include extensive feature sets, compact design and are engineered for long-term reliability. All models are UL Listed under standard 60065 and are RoHS compliant.

AA35, a three input channel mixer amplifier designed for distributed business paging and background music (BGM) systems, small-to-medium speech privacy systems and in applications where music on hold (MOH) plus paging is required.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>449922</td>
<td>MA40G</td>
<td>40 W three input</td>
</tr>
<tr>
<td>449923</td>
<td>MA60G</td>
<td>60 W three input</td>
</tr>
</tbody>
</table>

Six Input Channel Mixer/Amplifier

ATLAS SOUND

The AA120 is a powerful 120 W amplifier engineered with unique features to assist the contractor or installer in today’s commercial business audio environment. This six input unit features extensive muting and output options along with a very unique bridge in/out feature to allow combining of multiple amplifiers in ballroom applications without the need for external relays. VCA control is included, which may be assigned to the BGM input or globally for the entire amplifier. For higher output requirements, the Model AA240 is available with the same preamp section as the AA120 but with a larger, 240 W power amp section.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>366629</td>
<td>AA120</td>
<td>120 W six input</td>
</tr>
<tr>
<td>401749</td>
<td>AA240</td>
<td>240 W six input</td>
</tr>
</tbody>
</table>

Strategy Series Mixer/Amplifier with Module Input

ATLAS SOUND

The AA120M is possibly the most versatile mixer/amplifier on the market today. True three-zone matrixing (main 120 W output, 1 W output and line level output), 24 V DC output with relay sync to the mute bus, bridge in/out with built-in relay control, one industry-standard module input with direct to mix bus or direct to amp assignment, global or BGM input VCA control and multiple mute bus configuration options round out the unit’s extensive feature set. The AA120M is ideal for applications like sound masking, industrial paging, retail and BGM, commercial P.A., priority volume-control applications and hotel ballrooms/meeting rooms.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>366630</td>
<td>AA120M</td>
<td>120 W six input mixer amplifier with module input</td>
</tr>
</tbody>
</table>

ACCESSORIES

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>366632</td>
<td>AA-SMG</td>
<td>Sound masking module</td>
</tr>
<tr>
<td>366635</td>
<td>AA-TG</td>
<td>Tone generator input module</td>
</tr>
<tr>
<td>366638</td>
<td>AA-ML</td>
<td>Mic/line input module</td>
</tr>
</tbody>
</table>

Global P.A. Power Amplifiers

ATLAS SOUND

Small, compact and engineered for efficiency and reliability, the Atlas Sound PA60G amplifier is the perfect choice for paging or background music (BGM) systems, small-to-medium speech privacy systems, and any applications where distributed audio is required. They provide either 60 W or 40 W into a 70.7 V/100 V line and have a balanced line level input via Phoenix connector and a summing unbalanced RCA input. Output is to 70.7/100 V speaker lines via Phoenix connector and additional features include status LEDs, Removable Level Controls with set-it-and-forget-it security cover, and a global (100 V AC-240 V AC) power supply.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>366639</td>
<td>PA60G</td>
<td>60 W single-channel</td>
</tr>
<tr>
<td>449925</td>
<td>PA40G</td>
<td>40 W single-channel</td>
</tr>
</tbody>
</table>
The CP400 and CP700 are professional-grade audio power amplifiers specifically designed for demanding contractor applications. The CP amps feature esoteric grade toroidal power supplies AND output transformers. These transformers were chosen for their outstanding reliability as well as extended frequency response (-3 dB @ 30 Hz - 70.7 V output through transformer). Now you can have the peace of mind that systems specified with the CP400 and CP700 will have true transformer output isolation.

The PA702 includes a unique (patent-pending) mounting system that allows mounting-pole access through the amplifier via a sealed hole incorporated into the chassis design. Simply install the projector mounting pole, align the amplifier chassis hole with the 1.5 in. mounting tube, and clamp the unit at the desired height above the projector mount with the innovative pole-clamp system included with the PA702. Afterward, install the projector as normal. As a side benefit, the chassis “hole” mounting system provides the necessary security to prevent theft. Output is a strong 70 watts x 2 from the efficient rail tracking Class AB and switch mode power supply technology. Aside from the patent-pending chassis design, the PA702 includes a host of other innovative features including an accessory outlet with AC current sense that allows the amplifier to respond instantly from standby mode when the projector is powered on remotely. The slim-profile chassis is also designed to work in a rack-mount configuration. The optional rack-mount kit allows single or dual mounting of the PA702 in a 1RU high configuration. A 100 W, 70.7 V version is also available.

**High-performance Strategy Series Power Amplifiers**

**ATLAS SOUND**

**Features**
- Separate audio sense turn-on
- Balanced Phoenix-style and unbalanced RCA input connections that can be mixed using a level control
- Front-panel status LEDs
- Recessed screwdriver adjustable tone and level controls

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>366643</td>
<td>CP700</td>
<td>High-performance, dual-channel, commercial audio amplifier</td>
</tr>
<tr>
<td>393566</td>
<td>CP400</td>
<td>High-performance, dual-channel, commercial audio amplifier 200 W/channel @ 70.7 V</td>
</tr>
</tbody>
</table>

**Constant-directivity Paging Loudspeakers**

**ATLAS SOUND**

The APX40TN is a conservatively rated 40 W, constant-directivity paging loudspeaker for use in public address or paging applications. The unit features a 60-degree and 40-degree constant-dispersion pattern across the controlled frequency band of 1.25-10 k (horizontal) and 2-20 k (vertical). The APX model is equipped with an internal 25/70.7/100 V transformer with screw terminal connections made beneath the rear cap. Time-and labor-saving mounting features make installation of the APX fast, easy and economical. The loudspeaker mounts to die-cast zinc base using a triple safety lock. Premount the base to a standard 1-gang, 2-gang, or 4 in. sq. E.O. box. If replacing AP Series speakers, simply remove the APX base and mount to the Omni-Purpose bracket. If color match bracket to APX is desired, order XS8200601. Loudspeaker construction is polycarbonate with UV light inhibitor added. Finish is neutral gray. Dimensions: 101.4 in. H x 141.2 in. W x 131.4 in. D (260 mm x 368 mm x 337 mm).

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>366651</td>
<td>APX40TN</td>
<td>Constant-directivity 40 W paging loudspeaker with rotating bell</td>
</tr>
<tr>
<td>366655</td>
<td>APXBK-N</td>
<td>APX mounting bracket, neutral gray</td>
</tr>
</tbody>
</table>
Sound, Paging and Public Address

Atlas Sound

InformaCast Compliant IP Speakers

IP speakers complement InformaCast software deployments in K-12, campus-wide notification, civil/municipal and healthcare applications. In complex paging scenarios, IP speakers are often more economical than traditional paging speakers because of simplified Ethernet control and wiring. Available models include speakers with or without networked clocks, outdoor and vandal-resistant models, and even zone controllers to network with existing systems.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>393571</td>
<td>I8S</td>
<td>8 in. loudspeaker for basic wall-mount, durable white powder-coat grille</td>
</tr>
<tr>
<td>393573</td>
<td>I8SC</td>
<td>8 in. loudspeaker for wall-mount with five character LED clock display</td>
</tr>
<tr>
<td>393575</td>
<td>IHVP</td>
<td>Vandal-resistant APF series horn</td>
</tr>
<tr>
<td>393576</td>
<td>IPS-ZC1</td>
<td>Allows integration of legacy analog systems with IP speaker control software - single-zone, rack-mounted enclosures sold separately</td>
</tr>
</tbody>
</table>

Atlas Learn Classroom Security and Sound-reinforcement Systems

Atlas Learn is an in-classroom sound-reinforcement solution designed for use in K-12 and higher education facilities or where a room-constrained public address system is required. This complete audio enrichment package consists of amplifier/receiver, wireless microphones and docking station designed to allow the teacher and students to walk freely around the room with the infrared microphones/system control units and project their voices through installed speakers. Additional safety feature includes a "panic" function which integrates with most any intercom or IP-based notification system to signal an emergency condition in the classroom.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>393577</td>
<td>AL2430-2PH</td>
<td>Atlas Learn classroom security and sound-reinforcement system</td>
</tr>
<tr>
<td>393580</td>
<td>AL2430-2PH-SD4</td>
<td>Atlas Learn with speaker system package</td>
</tr>
</tbody>
</table>
Multiconductor Shielded Plenum Sound Cables

Belden

Power limited circuit and communications cable for plenum applications. For use in sound systems, audio, nurse call, communications, intercom and P.A. systems; also for use in remote control, signaling and security systems.

SPECIFICATIONS
1. CONDUCTOR: Solid or stranded bare copper
2. INSULATION: Flamarrest
3. SHIELD: Beldfoil shield with a drain wire
4. JACKET: Natural PVC with rip cord
5. STANDARDS: NEC CMP (22-16 AWG) or CL2P (14 and 12 AWG)
6. TEMPERATURE: 75°C

---

Multiconductor Shielded Nonplenum Sound Cables

Belden

Power limited circuit and communications cable for riser or conduit applications. For use in sound, audio, nurse call, communications, intercom and P.A. systems; also in remote control, signaling and security systems.

SPECIFICATIONS
1. CONDUCTOR: Solid or stranded bare copper
2. INSULATION: PVC or PP
3. SHIELD: Beldfoil shield applied overall with a drain wire
4. JACKET: Gray PVC with rip cord
5. STANDARDS: NEC CMR (22-16 AWG) or CL3R (14-12 AWG)
6. TEMPERATURE: 75°C

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Continued on next page...
Sound, Paging and Public Address

Belden

(continued)  Multiconductor Shielded Nonplenum Sound Cables

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Size AWG</th>
<th>Strand</th>
<th>No. of Conductors</th>
<th>Insulation Thickness (in.)</th>
<th>Jacket Thickness (in.)</th>
<th>Nom. O.D. (in.)</th>
<th>Approx. Wt. lb./1,000 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>B5401FE</td>
<td>5401FE</td>
<td>081000</td>
<td>7x28</td>
<td>3</td>
<td>0.010</td>
<td>0.017</td>
<td>0.145</td>
<td>19</td>
</tr>
<tr>
<td>B5500FE</td>
<td>5500FE</td>
<td>081000</td>
<td>7x30</td>
<td>2</td>
<td>0.007</td>
<td>0.017</td>
<td>0.121</td>
<td>11</td>
</tr>
<tr>
<td>B5510FE</td>
<td>5501FE</td>
<td>081000</td>
<td>7x30</td>
<td>3</td>
<td>0.007</td>
<td>0.017</td>
<td>0.127</td>
<td>15</td>
</tr>
<tr>
<td>B5520FE</td>
<td>5520FE</td>
<td>081000</td>
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</table>

Multiconductor Nonshielded Nonplenum Sound Cables

**Belden**

Power limited circuit and communications cable for riser or conduit applications. For use in speaker, sound, intercom, P.A., audio, nurse call and communications systems; also in remote control, signaling and security systems.

**SPECIFICATIONS**

1. **CONDUCTOR:** Solid or stranded bare copper
2. **INSULATION:** PVC or PP
3. **JACKET:** Gray PVC with rip cord. Speaker cable constructions also available in other colors
4. **STANDARDS:** NEC CMR (22-16 AWG) or CL3R (14-12 AWG)
5. **TEMPERATURE:** 75°C

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Size AWG</th>
<th>Strand</th>
<th>No. of Conductors</th>
<th>Insulation Thickness (in.)</th>
<th>Jacket Thickness (in.)</th>
<th>Nom. O.D. (in.)</th>
<th>Approx. Wt. lb./1,000 ft.</th>
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</thead>
<tbody>
<tr>
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</table>
### Multi conductor High-strand, Nonshielded Sound Cables

**BELDEN**

Power limited circuit and communications cable for use in speaker systems.

**SPECIFICATIONS**

1. **CONDUCTOR:** High-strand bare copper
2. **INSULATION:** PVC or PP, 6T00UP insulated with Flamarrest
3. **JACKET:** PVC in colors, with rip cord
4. **STANDARDS:** NEC CM (16-18 AWG); or CL3 (14-12 AWG); or CL2 AUDIO USE ONLY (B5T00UP) or CL2P AUDIO USE ONLY (B6T00UP)
5. **TEMPERATURE:** 75°C

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>AWG</th>
<th>No. of Conductors</th>
<th>Copper</th>
<th>Nom. O.D. (in.)</th>
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<td>6T00UP 0091000</td>
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<td>0.260</td>
<td>PVC</td>
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<td>PVC</td>
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</table>
Bogen

Free Application Design Service

BOGEN

Bogen offers a free application design service to assist with the design of paging systems for any and every project encountered. It's fast, comprehensive and free. (Call 1-800-999-2809 (option 2) for more information or to send in a project.)

FEATURES
- Speaker-placement design
- Complete bill of materials
- Scope of work
- Detailed assumptions
- Red-lined blueprints (blueprints must be supplied; AutoCAD blueprints accepted)

NEAR A-Series Speakers

BOGEN

NEAR A-Series speakers set the standard for smooth, accurate sound, attractive appearance and rugged construction. Designed to perform beautifully under the toughest conditions, the A-Series combines outstanding aesthetic design with NEAR speaker technology for unsurpassed audio quality and weatherproof durability. Available in black, green or white.

FEATURES
- Magnetic liquid suspension
- Cast-aluminum basket
- Sealed magnet
- Advanced rubber compound
- Metal diaphragm technology

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>236797</td>
<td>A2TBLK</td>
<td>NEAR A-Series Speaker, 6 in., black, 4, 8, 16 W taps, 70 V</td>
</tr>
<tr>
<td>243946</td>
<td>A6TBLK</td>
<td>NEAR A-Series Speaker, 6 in., black, 8, 16, 32 W taps, 70 V</td>
</tr>
<tr>
<td>243947</td>
<td>A8TBLK</td>
<td>NEAR A-Series Speaker, 8 in., black, 16, 32, 64 W taps, 70 V</td>
</tr>
<tr>
<td>270128</td>
<td>A2BLK</td>
<td>NEAR A-Series speaker, 6 in., black, 100 W, 8 ohms</td>
</tr>
<tr>
<td>270133</td>
<td>A6BLK</td>
<td>NEAR A-Series speaker, 6 in., black, 150 W, 8 ohms</td>
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<td>270138</td>
<td>A8BLK</td>
<td>NEAR A-Series speaker, 8 in., black, 175 W, 8 ohms</td>
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<td>270132</td>
<td>A2TGRN</td>
<td>NEAR A-Series speaker, 6 in., green, 4, 8, 16 W taps, 70 V</td>
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</table>

ACCESSORIES

BOGEN

NEAR Orbit Speakers

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>273236</td>
<td>ASTB4</td>
<td>A-Series terminal block electrical cover</td>
</tr>
<tr>
<td>394141</td>
<td>AMT15</td>
<td>Pro audio speaker cabinet</td>
</tr>
<tr>
<td>394137</td>
<td>AMT12</td>
<td>Pro audio speaker</td>
</tr>
<tr>
<td>421322</td>
<td>A12</td>
<td>High-output, long-throw loudspeaker</td>
</tr>
</tbody>
</table>

The Orbit Ceiling Speaker (OCS1) is the ideal choice for various types of ceiling environments. The Orbit Pendant Speaker (OPS1) is the ideal choice for high-ceiling and open-space environments. Both feature NEAR's MLS and MDT technologies, which improve sound quality and increase operating reliability. The low-distortion speaker design, featuring NEAR's spiderless driver and one-piece metal-alloy cone structure, delivers superb articulation and the highest intelligibility for both music and speech. The OCS1 can be easily installed on hard-surface ceilings or in suspended ceilings and new construction (with the optional TBCR bracket). The OPS1 comes in black or white.
Sound, Paging and Public Address

Bogen

FEATURES
• Magnetic liquid suspension
• Stable, high-definition metal-alloy cone
• Sealed magnet
• Advanced rubber compound
• Metal-diaphragm technology
• Wide-dispersion coaxial driver for broad, even coverage

Drop-in Ceiling Speaker

The Bogen Drop-in Ceiling Speaker is a full-range speaker that allows for fast and simple installation. No accessories or other hardware required for mounting. Just make one simple cut to the ceiling tile and drop the ceiling speaker in place.

FEATURES
• One-piece assembly
• 70 V multitap pot (25 V)

Ceiling Speakers

The Bogen CS1EZ is a preassembled ceiling speaker composed of an 8 in. cone speaker and steel ceiling grille painted with white enamel. The CS1EZ includes a volume-control knob and rear-mounted screw terminal board for easier electrical connections.

FEATURES
• 1 W single-tap design
• Screw terminal connections for fast installation
• Designed for 70 V amplifier output
• 8 in. cone speaker for excellent audio quality

Metal Box Speakers

The MB8TSQ and MB8TSL speakers feature an all-steel surface-mounted enclosure with an 8 in. cone loudspeaker and multitap 4 W 70 V/25 V transformer. The MB8TSQ is suitable for ceiling or wall mounting. The MB8TSL is designed primarily for wall mounting and its face is angled downward by 12.5 degrees.

FEATURES
• Rugged all-steel surface-mounted enclosure
• Full-range 8 in. cone speaker for excellent intelligibility
• Compatible with 25 V or 70 V amplifier system
• Multiple taps at 4, 2, 1, 1/2, 1/4, 1/8 W
• 4 W maximum output power
• Mounting hardware included

Anixter No. Vendor No. Description
265143 OCS1 6 1/2 in. MDT metal-alloy cone, 70 V/100 V
265147 OPS1B 6 1/2 in. MDT metal-alloy cone, 70 V/100 V, black
265148 OPS1W 6 1/2 in. MDT metal-alloy cone, 70 V/100 V, white
268547 CK-10 10 ft. long cable kit, silver
301186 CK10B 10 ft. long cable kit, black
301187 CK10W 10 ft. long cable kit, white
265155 TBCR Tile bridge and c-ring support ring

Drop-in Ceiling Speaker

Bogen

The Bogen Drop-in Ceiling Speaker is a full-range speaker that allows for fast and simple installation. No accessories or other hardware required for mounting. Just make one simple cut to the ceiling tile and drop the ceiling speaker in place.

FEATURES
• One-piece assembly
• 70 V multitap pot (25 V)

Anixter No. Vendor No. Description
273174 CSD1X2 Drop-in ceiling speaker, 1 ft. x 2 ft., integrated support rail
287226 CSD2X2 Drop-in ceiling speaker, 2 ft. x 2 ft., includes support bar

Anixter No. Vendor No. Description
320127 MB8TSQ 8 in. cone surface-mounted speaker
320128 MB8TSL 8 in. cone surface-mounted speaker with angled front face

The Bogen Drop-in Ceiling Speaker is a full-range speaker that allows for fast and simple installation. No accessories or other hardware required for mounting. Just make one simple cut to the ceiling tile and drop the ceiling speaker in place.

FEATURES
• One-piece assembly
• 70 V multitap pot (25 V)

Anixter No. Vendor No. Description
273174 CSD1X2 Drop-in ceiling speaker, 1 ft. x 2 ft., integrated support rail
287226 CSD2X2 Drop-in ceiling speaker, 2 ft. x 2 ft., includes support bar

Anixter No. Vendor No. Description
320127 MB8TSQ 8 in. cone surface-mounted speaker
320128 MB8TSL 8 in. cone surface-mounted speaker with angled front face

The Bogen Drop-in Ceiling Speaker is a full-range speaker that allows for fast and simple installation. No accessories or other hardware required for mounting. Just make one simple cut to the ceiling tile and drop the ceiling speaker in place.

FEATURES
• One-piece assembly
• 70 V multitap pot (25 V)

Anixter No. Vendor No. Description
273174 CSD1X2 Drop-in ceiling speaker, 1 ft. x 2 ft., integrated support rail
287226 CSD2X2 Drop-in ceiling speaker, 2 ft. x 2 ft., includes support bar

Anixter No. Vendor No. Description
320127 MB8TSQ 8 in. cone surface-mounted speaker
320128 MB8TSL 8 in. cone surface-mounted speaker with angled front face
Easy Install Ceiling Speakers

The Easy Install Speakers (SM1EZ and SM4T) drastically cut system installation time because each speaker can be completely installed, mounted in the ceiling, secured and connected in less than a minute.

The speakers can be installed in any drop ceiling with ceiling tiles quickly, easily and trouble-free and carry voice messages with clarity where dependable communication is required.

**FEATURES**
- Installs in seconds
- No-tool installation
- Contemporary, low-profile design
- No cleanup

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>234464</td>
<td>SM1EZ</td>
<td>Easy Install 9.5 in. speaker with single tap, 1 W, Easy Install</td>
</tr>
<tr>
<td>241348</td>
<td>SM4T</td>
<td>Easy Install 9.5 in. speaker with multiple taps, 4 W, Easy Install</td>
</tr>
</tbody>
</table>

High-fidelity Ceiling Speaker

The Bogen HFCS1 ceiling loudspeaker delivers superior sound and clear intelligibility in a variety of ceiling environments. The system can be easily installed in hard-surface ceilings, suspended ceilings and new construction. The HFCS1 offers several levels of power output via a front-mounted rotary switch. The low-distortion speaker design, coupled with dual front-exit ports, delivers high intelligibility and exceptional low-frequency response for both music and speech reinforcement.

**FEATURES**
- Wide-dispersion coaxial driver for broad, even coverage
- Good off-axis response with smooth contouring
- Computer-matched venting system for full bass output
- Large back can for deep bass response
- Power taps (in watts) - 32, 16, 8, 4, 2 and 1
- Compounded rubber surround for lasting performance

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
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<tbody>
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<td>268554</td>
<td>HFCS1</td>
<td>6 1/2 in. PolyCone, 70 V/100 V</td>
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<tr>
<td>268547</td>
<td>CK-10</td>
<td>10 ft. long cable kit, silver</td>
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<tr>
<td>301186</td>
<td>CK10B</td>
<td>10 ft. long cable kit, black</td>
</tr>
<tr>
<td>301187</td>
<td>CK10W</td>
<td>10 ft. long cable kit, white</td>
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Amplified Drop-in Ceiling Speaker

Bogen's ACD2X2 2 ft. x 2 ft. Amplified Drop-in Ceiling Speaker is a full-range speaker that allows for fast and simple installation. No accessories or other hardware required for mounting.

**FEATURES**
- Quick and easy to install; wire and drop in place
- 2 ft. x 2 ft. design fits in 2 ft. x 2 ft. and 2 ft. x 4 ft. ceiling grids
- Finely perforated grille over entire front of speaker panel
- 8 in. main cone speaker
- Self-contained 1 W amplifier
- Front-mounted volume control
- Support rail for 2 ft. x 4 ft. ceilings included

**ACCESSORIES**

<table>
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<tr>
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<th>Vendor No.</th>
<th>Description</th>
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<tr>
<td>304673</td>
<td>ACD2X2</td>
<td>Amplified drop-in ceiling speaker, 2 ft. x 2 ft.</td>
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</table>

Amplified Loudspeakers

An 8 in. cone speaker with compact IC amplifier and volume control, 1 W output; operates on 24 V DC.

<table>
<thead>
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<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>301250</td>
<td>ASWG1DK</td>
<td>AS1 with ceiling grille, white, detachable knob, 50 mA</td>
</tr>
<tr>
<td>106153</td>
<td>ASWG1</td>
<td>AS1 with ceiling grille, white, fixed knob, 50 mA</td>
</tr>
</tbody>
</table>
Sound, Paging and Public Address

Bogen

Foreground Speakers

The Bogen FG Series of foreground speakers are designed to complement sophisticated music systems. Their wide bandwidth provides the performance demanded by customers while their quality construction provides the reliability installers can count on. The FG Series is available in a variety of physical size and performance models to meet the needs of a wide range of distributed music applications.

FEATURES
- Smooth, wide-frequency response for music or voice
- Compact, rugged plastic enclosures
- Individually sweep-tone tested to ensure reliability
- Mounting brackets included
- Black swivel mount available for FG20 and FG30 (not included)

ACCESSORIES

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
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<tbody>
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<td>FG15B</td>
<td>287439</td>
<td>15 W foreground speaker, black finish</td>
</tr>
<tr>
<td>FG15W</td>
<td>247849</td>
<td>15 W foreground speaker, white finish</td>
</tr>
<tr>
<td>FG20S</td>
<td>287458</td>
<td>Splashproof 20 W foreground speaker, black</td>
</tr>
<tr>
<td>FG30</td>
<td>287456</td>
<td>30 W foreground speaker, black</td>
</tr>
</tbody>
</table>

Vandal-resistant Speakers

The Bogen VRS1 and VRS2 are vandal-resistant speakers designed for hands-free two-way communications.

FEATURES
- Heavy-duty vandal-resistant and weather-resistant construction
- 8 ohms or 25 V (1/2 W) operation

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>VRS1</td>
<td>241362</td>
<td>Vandal-resistant speaker, transformer, call-in switch</td>
</tr>
<tr>
<td>VRS2</td>
<td>241363</td>
<td>Vandal-resistant speaker with transformer</td>
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</table>

Speakers - 8 in. Transformer - 25/70 V

Bogen's 8 in. cone speakers are available preassembled onto a steel ceiling grille painted with white enamel. Options for these assemblies are recessed volume control, volume control with knobs and rear-mounted screw terminal strip for power taps.

FEATURES
- 8 in. cone speaker for excellent audio quality
- Six different power taps
- Preassembled for faster installation

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
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<tbody>
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<td>S810</td>
<td>241356</td>
<td>10 oz. magnet</td>
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<td>S86</td>
<td>241354</td>
<td>6 oz. magnet</td>
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<tr>
<td>TT2510</td>
<td>241358</td>
<td>Speaker-matching transformers: 10, 5, 2 1/2, 1 1/4, 5/8 W taps</td>
</tr>
<tr>
<td>TT25</td>
<td>241357</td>
<td>Speaker-matching transformers: 4, 2, 1, 1/2, 1/4, 1/8 W taps</td>
</tr>
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</table>

Mounting Hardware for Ceiling Speakers

Bogen offers a variety of accessories to assist in mounting various ceiling speakers.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
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<td>TB8</td>
<td>117800</td>
<td>Tile bridge</td>
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<td>RE84</td>
<td>123495</td>
<td>Ceiling speaker enclosure</td>
</tr>
<tr>
<td>TT25</td>
<td>241357</td>
<td>Speaker-matching transformers: 4, 2, 1, 1/2, 1/4, 1/8 W taps</td>
</tr>
<tr>
<td>TT2510</td>
<td>241358</td>
<td>Speaker-matching transformers: 10, 5, 2 1/2, 1 1/4, 5/8 W taps</td>
</tr>
<tr>
<td>MR8</td>
<td>247850</td>
<td>Mounting ring</td>
</tr>
</tbody>
</table>
Bogen provides a wide selection of attractive ceiling grilles in white enamel or aluminum finishes. Each grille is shipped with the hardware needed to mount a speaker to the grille.

**FEATURES**
- Accommodates 8 in. speaker

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>241369</td>
<td>CG8A</td>
<td>Round aluminum grille, contoured</td>
</tr>
<tr>
<td>241370</td>
<td>CG8AW</td>
<td>Round aluminum grille, white finish, contoured</td>
</tr>
<tr>
<td>241371</td>
<td>PG8A</td>
<td>Round aluminum grille</td>
</tr>
<tr>
<td>241372</td>
<td>PG8W</td>
<td>Round steel grille, white finish</td>
</tr>
<tr>
<td>241373</td>
<td>SG8W</td>
<td>Round steel grille, with hidden studs</td>
</tr>
</tbody>
</table>

**S86 Loudspeaker Assemblies**

Bogen's metal ceiling grilles are sturdy, handsome and economical. They accommodate an 8 in. speaker. Supplied with complete hardware.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>101728</td>
<td>S86T725PG8W</td>
<td>S86T725 on PG8W grille</td>
</tr>
<tr>
<td>103535</td>
<td>S86T725PG8WVK</td>
<td>S86T725PG8W with knob volume control</td>
</tr>
</tbody>
</table>

**WB8 Wall Baffle**

Bogen's wall baffle is ruggedly constructed of 3/8 in. particle board with reinforced corners. It is finished in simulated walnut and will house any of Bogen's 8 in. speakers. A sloping front panel provides enhanced downward dispersion. Hardware for mounting a speaker to the baffle included.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>241374</td>
<td>WB8</td>
<td>Wall baffle, walnut finish</td>
</tr>
</tbody>
</table>

**Paging Horns**

The Bogen horn loudspeakers are compact, high-intelligibility, re-entrant-type loudspeakers, designed for one-way or two-way sound and communications systems.

**FEATURES**
- High intelligibility and efficiency
- Weatherproof and metal construction
- 25/70 V or 8 ohms operation

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>241364</td>
<td>SP58A</td>
<td>7.5 W paging speaker</td>
</tr>
<tr>
<td>107324</td>
<td>SPT5A</td>
<td>7.5 W paging speaker</td>
</tr>
<tr>
<td>241365</td>
<td>SP158A</td>
<td>15 W horn, 8 ohms</td>
</tr>
<tr>
<td>103534</td>
<td>SPT15A</td>
<td>15 W horn with transformer</td>
</tr>
<tr>
<td>107322</td>
<td>BDT30A</td>
<td>30 W horn, bi-directional</td>
</tr>
<tr>
<td>107323</td>
<td>SPT30A</td>
<td>30 W horn with transformer</td>
</tr>
<tr>
<td>241366</td>
<td>SP308A</td>
<td>30 W horn, 8 ohms</td>
</tr>
<tr>
<td>320129</td>
<td>KFLDS30T</td>
<td>30 W horn, wide dispersion</td>
</tr>
</tbody>
</table>
**Amplified Horns**

Amplified horns are appropriate for noisy or outdoor locations. Equipped with mounting bracket. Operates on 24 V DC.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>101570</td>
<td>AH5A</td>
<td>5 W</td>
</tr>
<tr>
<td>107318</td>
<td>AH15A</td>
<td>15 W</td>
</tr>
<tr>
<td>241332</td>
<td>PRS624DA</td>
<td>24 V DC, 4 A power supply</td>
</tr>
</tbody>
</table>

**Digital Switching Amplified Horns**

The SAH5 and SAH15 horn loudspeakers employ digital switching amplifier technology resulting in unprecedented low DC-current draw and heat dissipation. This means fewer power supplies, longer cable runs and the capacity to work at higher ambient temperatures than conventional analog-amplified horn speakers.

**FEATURES**
- 5 W, 15 W and 30 W models
- Unique flare shape provides controlled sound dispersion
- Operates with continuous background music and at high ambient temperatures
- Rotatable horn for vertical or horizontal dispersion
- Cast-aluminum swivel mount

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>304671</td>
<td>SAH5</td>
<td>High-efficiency, digital switching, amplified horn, 5 W</td>
</tr>
<tr>
<td>304672</td>
<td>SAH15</td>
<td>High-efficiency, digital switching, amplified horn, 15 W</td>
</tr>
<tr>
<td>339076</td>
<td>SAH30</td>
<td>High-efficiency, digital switching, amplified horn, 30 W</td>
</tr>
</tbody>
</table>

**Easy Design Horn Loudspeakers**

The Bogen Easy Design line of horn loudspeakers is made of weatherproof all-metal construction, thereby making them ideal for both indoor and outdoor use in industrial plants, warehouses, schools, construction sites and recreational areas. All models come with swivel- and tilt-mounting bases for greater flexibility in setting the angle projection.

**FEATURES**
- 7 W, 15 W and 30 W models
- Single-tap design
- Designed for 70 V amplifier outputs

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>241351</td>
<td>HS7EZ</td>
<td>7 W horn loudspeaker</td>
</tr>
<tr>
<td>241352</td>
<td>HS15EZ</td>
<td>15 W horn loudspeaker</td>
</tr>
<tr>
<td>241353</td>
<td>HS30EZ</td>
<td>30 W horn loudspeaker</td>
</tr>
</tbody>
</table>

**General-purpose Amplifiers**

This Bogen amplifier is a rugged, compact unit designed to meet the requirements of continuous low-power audio applications.

**FEATURES**
- Ideal for music on hold/line amplifier
- UL Listed

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>235690</td>
<td>GA6A</td>
<td>6 W amp</td>
</tr>
<tr>
<td>235689</td>
<td>GA2</td>
<td>1.5 W amp</td>
</tr>
</tbody>
</table>
Bogen’s Power Vector modular input amplifier series offers a wide range of power to choose from, with five models ranging from 35 W to 250 W. The amplifiers are designed to work with both high- (70/25 V) and low-impedance (4/8 ohm) speaker systems. Each model includes eight module bays for input modules and allows up to four levels of priority between modules. Two module bays are also capable of accepting signal-processing output modules.

**FEATURES**
- 35 W, 60 W, 100 W, 150 W and 250 W models
- Modular input amplifiers
- Accepts eight plug-in modules (advanced input and signal-processing output modules)
- 8 ohms, 25 V and 70 V outputs
- Separate volume control for each input channel plus master volume control, bass and treble
- 11 segment LED output level meter
- Output limiter control

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>268513</td>
<td>V250</td>
<td>250 W amp</td>
</tr>
<tr>
<td>268514</td>
<td>V150</td>
<td>150 W amp</td>
</tr>
<tr>
<td>268515</td>
<td>V100</td>
<td>100 W amp</td>
</tr>
<tr>
<td>268516</td>
<td>V60</td>
<td>60 W amp</td>
</tr>
<tr>
<td>268518</td>
<td>V35</td>
<td>35 W amp</td>
</tr>
</tbody>
</table>

Bogen solid-state power amplifiers have been designed to fulfill the power-amplification requirements of professional and commercial sound systems. Total harmonic distortion is less than two percent at rated output from 50 Hz to 15 kHz (MT250D and BPA60 models) or from 20 Hz to 20 kHz (HTA models).

**FEATURES**
- Distortion less than two percent THD
- Transient-protection diodes
- Frequency response -2 dB from 20 Hz to 20 kHz
- Multiple output voltage/impedances available
- UL Listed

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>235688</td>
<td>MT250D</td>
<td>250 W amp</td>
</tr>
<tr>
<td>235687</td>
<td>HTA250A</td>
<td>250 W amp</td>
</tr>
<tr>
<td>235686</td>
<td>HTA125A</td>
<td>125 W amp</td>
</tr>
<tr>
<td>235685</td>
<td>BPA60</td>
<td>60 W amp</td>
</tr>
</tbody>
</table>

Bogen’s Wall-mount Power Vector modular input amplifier series offers a wide range of power to choose from, with three models ranging from 100 W to 250 W. The amplifiers are designed to work with both high- (70/25 V) and low-impedance (4/8 ohm) speaker systems. Each model includes eight module bays for input modules and allows up to four levels of priority between modules. Two module bays are also capable of accepting signal-processing output modules.

**FEATURES**
- 100 W, 150 W and 250 W models
- Modular input amplifiers
- 8 ohms, 25 V and 70 V outputs
- Accepts eight plug-in modules (advanced input and signal-processing output modules)
- Inconspicuous permanent wall-mounting (in-wall or surface-mount)
- Separate volume control for each input channel plus master volume control, bass and treble
- 11 segment LED output level meter
- Output limiter control

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>235703</td>
<td>BBS</td>
<td>Backbox for surface mounting</td>
</tr>
<tr>
<td>235702</td>
<td>BBF</td>
<td>Backbox for flush mounting</td>
</tr>
<tr>
<td>235704</td>
<td>WMAD</td>
<td>Door for wall-mount power vector amps</td>
</tr>
</tbody>
</table>
The Bogen M-Class amplifier delivers on what professional sound installers need most: flexibility, power and reliability. Power: up to 600 W per channel stereo or 1,200 W of 70 V mono power. Reliability: massive power toroid and heat sinks, heavy 14 gauge chassis, back-slope AC-voltage stabilization, clip limiters, DC voltage overcurrent and thermal protection circuits.

**FEATURES**
- Three operating modes: stereo, 70 V mono, dual mono
- Three mono power levels: 600 W, 900 W or 1,200 W for 70 V speaker systems
- Three stereo power levels: 300 W, 450 W or 600 W

**ACCESSORIES**
- Anixter No. Vendor No. Description
- 235630 M600 600 W amp
- 235629 M450 450 W amp
- 235627 M300 300 W amp

The Gold Seal Series amplifiers are designed to meet the rigorous requirements of today’s sophisticated sound systems. They combine unique and useable features with ultra-high reliability and professional performance. The amplifiers are available in 35 W, 60 W, 100 W, 150 W and 250 W models, each with exactly the same features to provide power and performance no matter how large or small the application.

**FEATURES**
- Dual-function, 10-band graphic equalizer
- Four dedicated microphone inputs
- 4 ohms direct aux input
- 8 ohm, 25 V, 25 V CT, and 70 V transformer coupled outputs
- Two rack spaces

**ACCESSORIES**
- Anixter No. Vendor No. Description
- 268508 RPK86 Rear rack-mount kit

Bogen’s Black Max amplifiers are designed to provide maximum performance in constant-voltage speaker systems. Dual 70 V transformerless outputs deliver exceptionally clean audio to speaker systems requiring two channels of audio up to 600 W per channel. Built-in power sequencing for multiple Black Max amplifiers combats current in-rush problems of large audio systems.

**FEATURES**
- Dual 70 V amplifier channels
- 300 W, 450 W or 600 W per channel for 70 V speaker systems

**ACCESSORIES**
- Anixter No. Vendor No. Description
- 268538 X600 600 W amp
- 268539 X450 450 W amp
- 268541 X300 300 W amp

The TBA15 is a unique amplifier that permits loudspeakers to be used as microphones to provide hands-free, two-way conversations through the paging system. In the idle state, the TBA15 uses the attached speakers as microphones and feeds this signal out to a telephone line. When the TBA15 senses a paging signal on the telephone line, it will switch on its 15 W amplifier and use the speakers conventionally.

**FEATURES**
- Works on 25 V and 70 V speaker systems
- Wall- or 19 in. rack-mount
- Talk-back and page volume controls

**ACCESSORIES**
- Anixter No. Vendor No. Description
- 235725 TBA15 Talk-back amp, 15 W

### M-Class Amplifiers

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>235630</td>
<td>M600</td>
<td>600 W amp</td>
</tr>
<tr>
<td>235629</td>
<td>M450</td>
<td>450 W amp</td>
</tr>
<tr>
<td>235627</td>
<td>M300</td>
<td>300 W amp</td>
</tr>
</tbody>
</table>

### Black Max Amplifiers

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>268538</td>
<td>X600</td>
<td>600 W amp</td>
</tr>
<tr>
<td>268539</td>
<td>X450</td>
<td>450 W amp</td>
</tr>
<tr>
<td>268541</td>
<td>X300</td>
<td>300 W amp</td>
</tr>
</tbody>
</table>

### Gold Seal Series Amplifiers

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>235630</td>
<td>GS35</td>
<td>35 W amp</td>
</tr>
<tr>
<td>235667</td>
<td>GS60</td>
<td>60 W amp</td>
</tr>
<tr>
<td>235668</td>
<td>GS100</td>
<td>100 W amp</td>
</tr>
<tr>
<td>235669</td>
<td>GS150</td>
<td>150 W amp</td>
</tr>
<tr>
<td>235670</td>
<td>GS250</td>
<td>250 W amp</td>
</tr>
</tbody>
</table>

### Talk-back Amplifier

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>235725</td>
<td>TBA15</td>
<td>Talk-back amp, 15 W</td>
</tr>
</tbody>
</table>
The Classic Series amps are mixer amplifiers intended for a variety of application sizes.

**FEATURES**

- 10 W, 20 W, 35 W, 60 W and 100 W models
- Balanced low-impedance microphone inputs; high-impedance auxiliary input
- Microphone precedence over aux two input with customer-supplied switch
- Selector switch permits two mic/1 aux or one mic/2 aux operation
- Provision to drive tape recorder, booster amplifier, 500/600 W telephone line
- UL and CSA Listed

**ACCESSORIES**

- Rack panel kit for C10 (MOH) and C20 (MOH)
- In-wall mounting kit for C10 (MOH) and C20 (MOH)

The ProMatrix Digital Matrixed amplifier is the first of its kind to incorporate three independent amplifier channels with a unique digital interface, providing the ideal solution for restaurant, lounge/bar hotel, factory or similar facility where multiple program and paging inputs need to be distributed to separate areas and automatically switched.

**FEATURES**

- Three independent amplifier channels rated 20, 60 and 100 W
- Two Lo-Z balanced mic inputs and four aux inputs
- Provision for telephone paging
- Flexible priority assignments for each input on each amplifier channel
- Automatic switching of inputs based on input activity
- Password-protected programming mode
- Wireless remote control

**ACCESSORIES**

- Remote-mounting panel kit for front panel
- Rack-mount kit

---

**Mixer/Preamplifier**

**FEATURES**

- Active mixer
- Supplies mic-level and high-level outputs
- Separate volume controls for each input channel plus master controls

---

**Anixter No.** 235673 | Vendor No. C10 | Description 10 W amp
Anixter No. 235674 | Vendor No. C20 | Description 20 W amp
Anixter No. 235678 | Vendor No. C10MOH | Description 10 W amp/1 W MOH
Anixter No. 078310 | Vendor No. C35 | Description 35 Wamp
Anixter No. 198438 | Vendor No. C60 | Description 60 Wamp
Anixter No. 068202 | Vendor No. C100 | Description 100 Wamp

---

**Anixter No.** 235634 | Vendor No. RMPWMK3 | Description Remote-mounting panel kit for front panel
Anixter No. 273239 | Vendor No. RPK79 | Description Rack-mount kit

---

**Anixter No.** 235633 | Vendor No. PM3000 | Description 3-channel digital control preamp
Anixter No. 235631 | Vendor No. PM3180 | Description Digital matrixed amplifier

---

**Anixter No.** 273232 | Vendor No. RPK35B | Description Rack panel kit for C10 (MOH) and C20 (MOH)
Anixter No. 198437 | Vendor No. RPK50 | Description Rack panel kit for C35, C60 and C100
Anixter No. 273233 | Vendor No. WMK1 | Description In-wall mounting kit for C10 (MOH) and C20 (MOH)
### Professional Boundary and Overhead Hanging Microphones

**BOGEN**

The SCU250 is a boundary microphone. This electret condenser model features a heavy copper case with a matte-black finish; mounting keyways for hanging or for attachment to the mounting surface; a cardioid pickup pattern; an extra-wide frequency response of 20 Hz to 18 kHz; a maximum SPL limit of > 130 dB; a 26 ft. cable terminated by a detachable XLR connector with internal preamp and phantom power supply unit adapter; a 250 ohm impedance; and a sensitivity of -68 dB V at 74 dB SPL.

The WCU250 is an overhead electret condenser microphone perfect for picking up large groups such as choirs and orchestras. The WCU250 has a frequency response of 50 Hz to 18 kHz; a maximum SPL limit of > 130 dB; a high-tensile cable with mini-XLR output plug and mini-XLR to XLR adapter; and a matte-black finish.

### Desktop Microphones

**BOGEN**

High-quality compact desktop microphone for sound-reinforcement applications. Cuts through noisy backgrounds of live-miking situations and large gatherings.

### ACCESSORIES

- **Anixter No.** 241423  
  **Vendor No.** SCU250  
  **Description** Boundary, condenser, unidirectional

- **Anixter No.** 268522  
  **Vendor No.** WCU250  
  **Description** Overhead hanging choir microphone, condenser, unidirectional

### Gooseneck Microphones

**BOGEN**

The GCU250, GDU150 and MGN19 are gooseneck models. The GCU250 is an electret condenser microphone featuring a slim, semirigid, adjustable, 18 in. gooseneck body length with an integral XLR mounting base; a cardioid pickup pattern; a wide frequency response range of 50 Hz to 18 kHz; a maximum SPL limit of > 130 dB; a 250 ohm impedance; and a sensitivity of -68 dB V at 74 dB SPL. The GDU150 is a dynamic microphone featuring a 16 in. long flexible gooseneck body with an integral XLR mounting base; a cardioid pickup pattern; a push-on/push-off talk switch; a 500 ohm impedance; and a sensitivity of -75 dB V at 74 dB SPL. The MGN19 is extremely reliable and durable. It features 7 ft. of four-conductor, two-shielded, permanently attached, synthetic-jacketed cable, and a DPDT push-to-talk button operated sealed microswitch mounted on the microphone housing.

### Professional Boundary and Overhead Hanging Microphones

**BOGEN**

#### FEATURES

- Desktop microphone
- Push-to-talk
- Lock

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>235767</td>
<td>MBS1000A</td>
<td>Desktop microphone, omnidirectional, push-talk/lock</td>
</tr>
<tr>
<td>235766</td>
<td>DDU250</td>
<td>Desktop microphone, unidirectional, push-talk/lock</td>
</tr>
</tbody>
</table>

### Desktop Microphones

**BOGEN**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>268524</td>
<td>GCU250</td>
<td>18 in., semi-rigid, condenser, unidirectional</td>
</tr>
<tr>
<td>268525</td>
<td>GDU150</td>
<td>16 in., flexible, dynamic, unidirectional</td>
</tr>
<tr>
<td>268526</td>
<td>MGN19</td>
<td>19 in., flexible, dynamic, omnidirectional</td>
</tr>
</tbody>
</table>
Bogen offers a variety of microphone accessories to support their wide range of microphones.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>273240</td>
<td>MAC</td>
<td>Cable, 25 ft., female XLR to stripped and tinned wires</td>
</tr>
<tr>
<td>273241</td>
<td>XLR25</td>
<td>Cable, 25 ft., male XLR to female XLR</td>
</tr>
<tr>
<td>273243</td>
<td>MFM</td>
<td>Flange mount (GCU250, GDU150)</td>
</tr>
<tr>
<td>273244</td>
<td>MSM</td>
<td>Shock mount (GCU250, GDU150)</td>
</tr>
<tr>
<td>273246</td>
<td>MC27</td>
<td>Handheld clip (HDO100, HDU150, HDU250)</td>
</tr>
<tr>
<td>273247</td>
<td>SF4</td>
<td>Floor stand, 34 in. to 62 in.</td>
</tr>
<tr>
<td>273268</td>
<td>SB6</td>
<td>Floor boom stand, 34 in. to 62 in.</td>
</tr>
<tr>
<td>273255</td>
<td>DS3</td>
<td>Desk stand, 3 in. chrome finish tube</td>
</tr>
<tr>
<td>273269</td>
<td>WSCU250</td>
<td>Windscreen for GCU250</td>
</tr>
</tbody>
</table>

These professional microphones are specially designed, high-output microphones that deliver high performance, reliability and accurate pickup for both vocal and instrumental sound. They are an excellent choice for professional recordings, live performances and other critical sound-reinforcement applications.

**FEATURES**
- Lightweight
- Ruggedly constructed

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>235761</td>
<td>HDU250</td>
<td>Neo magnet dynamic, unidirectional</td>
</tr>
<tr>
<td>235763</td>
<td>HDU150</td>
<td>Dynamic, unidirectional</td>
</tr>
<tr>
<td>235764</td>
<td>HDO100</td>
<td>Handheld microphone, dynamic, omnidirectional</td>
</tr>
<tr>
<td>390991</td>
<td>UDMS16HH</td>
<td>Wireless mic system, handheld</td>
</tr>
<tr>
<td>394175</td>
<td>UDMS16BP</td>
<td>Wireless mic system, body pack</td>
</tr>
</tbody>
</table>

The AT series of attenuators allows the output level of a group of loudspeakers to be set from a wall-mounted volume control, without affecting overall amplifier volume settings. These rugged attenuators have 10 levels of sound control plus an off setting.

**FEATURES**
- Adjusts loudspeaker output levels on 25 V and 70 V systems
- Two models control up to 10 or 35 W speaker systems
- 10 attenuation steps and an off setting
- Mounts in standard electrical box
- Simple connections

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>241327</td>
<td>AT35A</td>
<td>35 W (double-gang size)</td>
</tr>
<tr>
<td>178764</td>
<td>AT10A</td>
<td>10 W (single-gang size)</td>
</tr>
</tbody>
</table>

For Bogen M-Class and Power Vector amps.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>235731</td>
<td>TEL1S</td>
<td>Telephone input, loop/ground start</td>
</tr>
<tr>
<td>235730</td>
<td>SAX1R</td>
<td>Stereo aux input, dual RCA</td>
</tr>
<tr>
<td>235729</td>
<td>MIC1X</td>
<td>Mic input module, transformer isolated, XLR</td>
</tr>
<tr>
<td>235728</td>
<td>MAX1R</td>
<td>Mono aux input, RCA</td>
</tr>
<tr>
<td>235727</td>
<td>BRG1R</td>
<td>Bridging module, RCA</td>
</tr>
<tr>
<td>259880</td>
<td>BAL2S</td>
<td>Hi-Z stereo-balanced input module</td>
</tr>
<tr>
<td>259881</td>
<td>MIC1S</td>
<td>Mic input module, balanced, transformer isolated, screw terminals</td>
</tr>
</tbody>
</table>
### Sound, Paging and Public Address

**Bogen**

#### Advanced Signal-processing Output Modules

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>259882</td>
<td>MIC2S</td>
<td>Mic input module, electronically balanced, transformer-isolated, screw terminals</td>
</tr>
<tr>
<td>259883</td>
<td>MIC2X</td>
<td>Mic input module, balanced, transformer-isolated, XLR</td>
</tr>
<tr>
<td>259884</td>
<td>TBL1S</td>
<td>Transformer, balanced line input</td>
</tr>
<tr>
<td>259885</td>
<td>TNG1S</td>
<td>Tone generator</td>
</tr>
</tbody>
</table>

#### Transformer

- **BOGEN**

#### FM Tuner

**Bogen**

The Bogen FMR model is an economical FM radio/receiver especially designed to provide background music over a paging system or supply music-on-hold to a telephone system. The unit has 1 W and line-level outputs to facilitate connection to a variety of paging/telephone systems including an amplified speaker.

**FEATURES**
- Economical background music/music-on-hold source
- Choice of 1 W output for music-on-hold or line output for background music
- Automatic frequency control (AFC) prevents signal drift
- Uses 12 V DC or 24 V DC power supply (not included)
- Wall-mount design

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>268534</td>
<td>ANS1R</td>
<td>Ambient-noise sensor</td>
</tr>
<tr>
<td>268535</td>
<td>CMP1R</td>
<td>Compressor limiter</td>
</tr>
<tr>
<td>268536</td>
<td>PEQ1R</td>
<td>Parametric equalizer</td>
</tr>
</tbody>
</table>

### FM Tuner

**BOGEN**

The RM350D is a unique self-contained paging system with an AM/FM tuner, providing 35 W of paging power. A low-impedance, balanced microphone input is provided for microphone paging announcements or telephone paging when used with an accessory transformer (WMT1A).

A music-only output can feed announcement-free background music to other equipment or to a telephone music-on-hold input.

**FEATURES**
- 35 W amplifier for 4 to 8 ohms, 25 V or 70 V speaker systems
- Built-in AM/FM tuner
- 18 FM and 12 AM station presets
- Single-button control for All-Call

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>301258</td>
<td>RIO1S</td>
<td>Relay/input/output transformer-balanced module</td>
</tr>
</tbody>
</table>

### AM/FM 35 watt Receiver

**BOGEN**

The FMR model is an economical FM radio/receiver especially designed to provide background music over a paging system or supply music-on-hold to a telephone system. The unit has 1 W and line-level outputs to facilitate connection to a variety of paging/telephone systems including an amplified speaker.

**FEATURES**
- Economical background music/music-on-hold source
- Choice of 1 W output for music-on-hold or line output for background music
- Automatic frequency control (AFC) prevents signal drift
- Uses 12 V DC or 24 V DC power supply (not included)
- Wall-mount design

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>235757</td>
<td>FMR</td>
<td>FM background music/music-on-hold tuner</td>
</tr>
</tbody>
</table>

### AM/FM 35 watt Receiver

**BOGEN**

The RM350D is a unique self-contained paging system with an AM/FM tuner, providing 35 W of paging power. A low-impedance, balanced microphone input is provided for microphone paging announcements or telephone paging when used with an accessory transformer (WMT1A).

A music-only output can feed announcement-free background music to other equipment or to a telephone music-on-hold input.

**FEATURES**
- 35 W amplifier for 4 to 8 ohms, 25 V or 70 V speaker systems
- Built-in AM/FM tuner
- 18 FM and 12 AM station presets
- Single-button control for All-Call

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>408495</td>
<td>DRZ35</td>
<td>Four-zone music and paging system</td>
</tr>
</tbody>
</table>
### Sound, Paging and Public Address

#### Bogen

**Analog Door Phone**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>273300</td>
<td>ADP1</td>
<td>Door phone</td>
</tr>
</tbody>
</table>

Bogen’s door phone provides convenient remote, hands-free, two-way communication between two locations. Durable, weather-resistant, stainless steel construction protects against vandals and varying weather conditions.

**Features**

- Line powered
- Adjustable speaker and microphone volume
- Adjustable call-timer duration

**Interphones**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>273299</td>
<td>TP6AP</td>
<td>Six-station-capacity interphone</td>
</tr>
<tr>
<td>273300</td>
<td>TP12AP</td>
<td>Twelve-station-capacity interphone</td>
</tr>
</tbody>
</table>

The TP Series of interphones are an ideal way of providing simple telecommunications between different areas in a facility. Simple to install and operate, these phones provide system-wide paging as well as telephonic communications.

**Features**

- Six- or 12-station capacity
- Telephonic communications between stations
- Built-in all-station paging

**Teleconference Phone**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>256440</td>
<td>VHUB</td>
<td>Teleconference phone</td>
</tr>
</tbody>
</table>

The VHUB Teleconference Phone is a full-duplex, simultaneous, two-way communication conference phone that provides clean, clear sound for all of your teleconferencing needs. With three microphones, an easy-to-read recessed LCD display, 10-number speed dial, special calling functions and a simple three-step setup process, the VHUB Teleconference Phone is everything you could ask for in a conference phone and more.

**Features**

- DSP-based echo cancellation
- High-quality speaker
- Three omnidirectional microphones

**Intercom Systems**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>241337</td>
<td>CM211M</td>
<td>11-button master</td>
</tr>
</tbody>
</table>

Bogen’s CM Series of intercoms are ideal for interoffice communications. They provide a separate, direct communications link to other individuals in an organization. Systems can be configured as all-master systems, which allow access to any station in the system, or as master/remote systems, in which remote stations can be restricted to communicating only with specific stations.

**Features**

- Six- or 11-station capacity
- All-master system or any combination of masters and remotes
- Selective electronic tone calling
- Masters can call any station in system

---

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1.800.ANIXTER • anixter.com/literature
The PI35A and SI35A High-Powered Desktop Control Centers are dual-channel intercom and program distribution systems for applications with numerous locations, requiring maximum intelligibility of voice announcements and other sources.

**FEATURES**
- Communicate with 25 to 75 rooms or remote locations
- Distribute program material from microphones, tape player/tuner, or other background music sources, tone signals and emergency announcements to all or select locations
- Five inputs

Anixter No. | Vendor No. | Description
--- | --- | ---
273291 | PI35A | 25-room maximum intercom and program distribution system
273296 | SI35A | 75-room maximum intercom and program distribution system

**ANS-501 Paging Electronics**

Anixter No. | Vendor No. | Description
--- | --- | ---
235742 | ANS501 | Ambient noise sensor with power supply and one microphone
235743 | ANS500M | Additional microphone for ANS500

**VAR-1 Paging Electronics**

Anixter No. | Vendor No. | Description
--- | --- | ---
235749 | VAR1 | Voice-activated relay (requires PRS40C P.S.)

The ANS-501 automatically adjusts the paging levels in response to changes in the ambient noise of an area. Small sensor microphones monitor the ambient-noise levels in an area served by a single amplifier. The ANS-501 control unit will adjust (boost or reduce) the input signal levels to the amplifier to ensure that the paging announcements will be heard at an audible, clear and comfortable level over the current ambient noise.

**FEATURES**
- Automatically adjusts paging level as ambient noise rises and falls
- Supports up to four small sensor microphones
- Sensor microphones can be located up to 2,000 ft. from control
- Only two wires needed for connection of sensor microphones
Bogen

DFT-120 Paging Electronics

BOGEN

The DFT-120 eliminates the acoustical feedback loop created by the telephone handset and the paging speaker, while providing high-capacity, high-quality recording and playback of audio pages.

FEATURES
- High sampling rate for excellent playback quality
- Ability to record a message while another is played
- Wall mountable

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>235744</td>
<td>DFT12D</td>
<td>Digital paging feedback terminal</td>
</tr>
</tbody>
</table>

TAMB Paging Electronics

BOGEN

The TAMB interfaces a telephone system with a paging system, allowing announcements to be made through any telephone. Any of these types of analog ports can be connected using the TAMB: loop-start trunk, ground-start trunk and station port (90 V ring-up). This wide range of port compatibility makes the TAMB indispensable for any telephone paging application because it eliminates the possibility of mismatching paging interfaces and port types.

FEATURES
- Loop-start, ground-start and station port (90 V ring-up) compatibility
- 600 ohms output
- Built-in confirmation tone indicating access to paging system (dedefatable)
- Built-in preannounce tone produced over paging system before announcement (dedefatable)
- Adjustable tone volume

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>103572</td>
<td>TAMB</td>
<td>Telephone access module</td>
</tr>
</tbody>
</table>

TG-4C Paging Electronics

BOGEN

The TG-4C is designed to produce four different types of tones for use as alarm or announcement signals in paging systems. An audio signal can be routed through the TG-4C to allow easy installation in paging systems. During generation of the tones, the routed audio will be suppressed.

FEATURES
- Four types of tones: steady, pulsed alarm, slow whoop and chime
- Tones triggered by external contact closure (momentary or long duration)
- Choice of continuous generation of tones or two-burst operation (except for steady tone)
- 600 ohms output

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>178761</td>
<td>TG4C</td>
<td>Telephone generator (requires PRS40C P.S.)</td>
</tr>
</tbody>
</table>

ZPM3 Zone Paging

BOGEN

The ZPM3 allows for economical one- or two-way paging (with TBA 15 Talk-Back Amplifier) to be directed into any of up to three different paging areas. Zones can be grouped together so that more than one zone is paged at the same time. All areas can also be paged at once. Zone selection can be made using DTMF tones or pulse dialing.

FEATURES
- Three-zone paging plus All-Call
- Three easily programmable zone groups (one to three zones in each)
- 100 W total power handling capability
- Background music input

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>178742</td>
<td>ZPM3</td>
<td>Independent three-zone paging module</td>
</tr>
</tbody>
</table>
PCM-2000 Zone Paging Systems

The PCM-2000 allows you to design a system that is specifically tailored to the requirements of the facility owner. The basic system supports up to three paging zones and can be expanded to 99 zones. When hands-free talk-back is desired, a single talk-back module can also be added to the system. All interface programming uses common dip switches. Zone group programming, selection of signaling functions and all other parameters are easily set up by simply dialing in with a touch-tone phone. The system can support simultaneous high- and low-power paging, background music assigned per zone, local background music sourcing, and emergency zone group with choice of built-in tones or outside tone source.

ACCESSORIES

- Anixter No. 163464 Vendor No. PCMCPU Description Central processor module
- Anixter No. 176038 Vendor No. PCMTIM Description Telephone interface module
- Anixter No. 163466 Vendor No. PCMZPM Description Zone module
- Anixter No. 176056 Vendor No. PCMTBM Description Talk-back module

UTI1 Zone Paging Systems

The UTI1 Universal Telephone Interface provides single-zone paging for one-way applications such as self-amplified speaker systems. It is compatible with all standard analog port types and includes two audio outputs with level controls, each of which can provide audio for 150 Bogen self-amplified speakers. A 24 V DC at 1 A internal supply is available to power external equipment.

FEATURES

- Emergency and general All-Call paging
- Interface with any telephone port type
- Background music input with variable muting options

ACCESSORIES

- Anixter No. 444153 Vendor No. PCMSYS3 Description Preassembled three-zone PCM system
- Anixter No. 235739 Vendor No. PCMPS2 Description Power supply (one required per PCMCPU)

UTI312 Zone Paging Systems

The UTI312 Zone Paging Controller provides multizone paging for one-way applications such as self-amplified speaker systems, with each output capable of providing audio for up to 150 Bogen self-amplified speakers. The UTI312 is compatible with all standard analog port types. Each UTI312 comes with a preinstalled ZX3 module for three zones of paging and is expandable up to 12 zones. The UTI312 offers 24 programmable paging zone groups as well as All-Call, auto select, override, night ring, two tone triggers and code-calling zone groups. The UTI312 also offers flexible dialing.

FEATURES

- Expandable from three to 12 zones with ZX3 (one to three zone) modules
- Interface with any telephone port type
- Two background music inputs with variable muting options, assigned by zone
- 24 V DC 1 A power supply included
- Override, triggered tones, night ring, code calling and aux relay contact
- 150-speaker T/R drive capacity per output

ACCESSORIES

- Anixter No. 304656 Vendor No. UTI312 Description Multizone universal telephone interface
- Anixter No. 304657 Vendor No. ZX3 Description Three-zone expansion module for UTI312
Businesses can be set up for simultaneous company-wide overhead paging to multiple locations within a facility or across a campus without running new lines, or even to remote locations thousands of miles away. Bogen's zone paging controllers, the TAMB, and amplifiers integrate seamlessly with VoIP gateways to provide overhead voice paging over IP networks.

FEATURES

- Utilizes existing Ethernet network
- Simultaneous overhead voice paging to multiple locations within a facility, nearby or branch-office buildings, or to remote locations using the Internet or intranet
- Single- or multizone paging at any or all locations
- Efficiently communicate company-wide emergency alerts or general announcements, saving both time and money while improving communication
- Connects directly to phones or PBX; compatible with virtually any telephone port type
- Configurable from a Web browser or Microsoft Windows

VOIP Paging

BOGEN

Specifically designed for telephone paging, the TPU Series of amplifiers offers a choice of rated power output from 15 to 250 W. Input terminals are provided for a 600 ohms balanced telephone line and a background music source, as well as a balanced low-impedance microphone in the TPU-250, TPU-100B, TPU-60B and TPU-35B. Bridging jacks which double your outputs are also provided. The built-in night ringer sounds a tone through the paging system speakers when triggered by an external contact closure. Voice-activated circuitry automatically mutes or fades music when paging, eliminating mechanical and background noise. The TPU amplifiers also feature the Aphex Aural Exciter circuit for increased presence and intelligibility, greater perceived loudness (with no increase in power) and reduced listener fatigue. The compact units mount easily on a wall and only a screwdriver is needed for all connections and adjustments. UL and CSA Listed.

Anixter No. Vendor No. Description
106151 TPU15A 15 W
106149 TPU35B 35 W
106150 TPU60B 60 W
103745 TPU100B 100 W
235724 TPU250 250 W

TPU Series Telephone Paging Amplifiers

BOGEN

Model NR-100 connects to an amplifier via an auxiliary input and provides an electronic ring signal throughout the sound system when activated by telephone system night bell circuitry. Eliminates the need for separate night bells to alert security or other personnel of incoming calls. Operates from either 90 V ring signal or contact closure. Automatically mutes background music.

FEATURES

- Responds to 90 V ring signals or external system
- Produces dual-frequency electronic ringer tone
- Easily connects to any paging system
- Automatically mutes background music while ringing

NR-100 Night Ringer

BOGEN

The BUFEX is a continuously variable speaker attenuator that can remotely control the volume of a network of speakers. The BUFEX also provides output buffering for up to 150 self-amplified speaker inputs and allows speaker-system expansion from existing 100 V, 70 V or 25 V central-amplifier systems. The BUFEX includes a bypass function that can override the volume-control knob setting (even if set low or off) when activated by a contact closure or open collector output. A PCB-mounted bypass trim control adjusts the volume when in bypass mode with a maximum of 12 dB of attenuation. This allows emergency announcements to be heard through all speakers in a system. The BUFEX fits into a single-gang electrical box.

Volume Controls

BOGEN

The BUFEX is a continuously variable speaker attenuator that can remotely control the volume of a network of speakers. The BUFEX also provides output buffering for up to 150 self-amplified speaker inputs and allows speaker-system expansion from existing 100 V, 70 V or 25 V central-amplifier systems. The BUFEX includes a bypass function that can override the volume-control knob setting (even if set low or off) when activated by a contact closure or open collector output. A PCB-mounted bypass trim control adjusts the volume when in bypass mode with a maximum of 12 dB of attenuation. This allows emergency announcements to be heard through all speakers in a system. The BUFEX fits into a single-gang electrical box.

Anixter No. Vendor No. Description
107320 NR300 Night ringer

Volume Controls

BOGEN

NR-100 Night Ringer

BOGEN
Sound, Paging and Public Address

Bogen

Volume Controls

Bogen

The SLC is a continuously variable volume control that can remotely control the volume of up to 150 self-amplified speakers. The SLC fits into a single-gang electrical box.

Features
- Volume control for network of speakers
- Easy to install, wire with audio feed to speakers
- 10 position settings plus off
- Secure terminal strip connections

Anixter No. 304670
Vendor No. SLC
Description Passive volume control for amplified speakers

Loop Start Interface/Power Supply

Bogen

The PRSLSI serves as both a loop start interface and as a 24 V DC power supply.

Features
- 24 V DC, 450 mA power supply
- Loop start interface for small paging systems
- Integral flanges for wall-mount; rubber feet for shelf-mount
- Six terminal barrier strip
- UL and CSA listed

Anixter No. 304658
Vendor No. PRSLSI
Description Loop start interface, 24 V DC, 450 mA power supply

Power Supplies

Bogen

These power supplies are designed to supply the low-voltage DC requirements for Bogen products. Corded or outlet-mounted, 120 V AC primary supply input.

Features
- Specially designed for use with Bogen equipment
- Wide range of voltages and current outputs

Anixter No. Vendor No. Description
241334 PRS48 48 V DC, 100 mA power supply
241335 PRS40C 12 V DC, 300 mA power supply
241340 RF12A 12 V DC, 1 A
273238 RF24A 24 V DC, 1 A

Wall-mount Power Supplies

Bogen

Bogen’s switching power supplies provide large current capacities in compact packages. They include easy and secure wall mounting with holsters or flange mounting.

Features
- 24 V DC, power supply
- Loop start interface for small paging systems
- Integral flanges for wall-mount; rubber feet for shelf-mount
- Six terminal barrier strip
- UL and CSA listed

Anixter No. Vendor No. Description
304674 SPS2466 24 V DC at 5.4 A
304676 SPS2425 24 V DC at 2.5 A
304677 SPS2410 24 V DC at 1 A
304678 SPS2406 24 V DC at 600 mA
304679 PRS2403 24 V DC at 300 mA, nonswitching
**Bogen**

**Flange-mounted Re-entrant Type Horn**

Bogen

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>369379</td>
<td>FMH15T</td>
<td>Flange-mounted re-entrant type horn</td>
</tr>
<tr>
<td>369380</td>
<td>BBFM6</td>
<td>Flush-mount enclosure, black</td>
</tr>
<tr>
<td>369381</td>
<td>BBSM6</td>
<td>Surface-mount enclosure, white</td>
</tr>
<tr>
<td>369382</td>
<td>FMHAR8</td>
<td>Mounting adapter ring for FMH15</td>
</tr>
<tr>
<td>369383</td>
<td>SGHD8</td>
<td>Heavy-duty grille for FMH15, use with FMHAR8</td>
</tr>
</tbody>
</table>

**Features**

- 15 watts max. at 70 V or 25 V
- Weatherproof design for indoor or outdoor use
- Vandal resistant, for applications in hostile environments
- All-metal construction with black-enamel finish
- Select flush- (BBFM6) or surface- (BBSM6) mount enclosure for installation (each sold separately)

**High-fidelity Ceiling Speaker, Low-profile**

Bogen

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>265155</td>
<td>TBCR</td>
<td>Tile bridge and c-ring support ring</td>
</tr>
<tr>
<td>268547</td>
<td>CK-10</td>
<td>10 ft. long cable kit, silver</td>
</tr>
<tr>
<td>369385</td>
<td>HFSF1</td>
<td>High-fidelity ceiling speaker, low profile</td>
</tr>
<tr>
<td>369386</td>
<td>TBSF</td>
<td>Tile bridge support</td>
</tr>
<tr>
<td>421328</td>
<td>CSUB</td>
<td>High-fidelity ceiling subwoofer</td>
</tr>
</tbody>
</table>

**Features**

- 6 3/4 in. mounting depth for installations into a variety of ceiling environments, including suspended and hard-surface ceilings
- Low-profile housing allows greater range of installation depths
- Computer-matched venting system for full bass output
- Wide dispersion coaxial driver provides broad, even coverage
- For 16 ohm, 70 V and 100 V systems
- Off-white finish

**Drop-in Ceiling Speaker with Volume Control**

Bogen

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>368434</td>
<td>CSD2X2VR</td>
<td>Ceiling speaker, drop-in, 2 ft. x 2 ft., with volume control</td>
</tr>
</tbody>
</table>

**Features**

- Recessed volume control accessible from front of grille
- Easy assembly saves installation time, effort and cost
- 1 ft. x 2 ft. perforated grille over entire front, off-white finish
- 8 in. cone speaker with 10 oz. magnet and tweeter, and 25/70 V transformer
- Five power taps (4 W, 2 W, 1 W, 1/2 W and 1/4 W), selectable by rotary switch
- Complies with NFPA National Code 160b and UL 2043

---

12.50

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**Drop-in Ceiling Speaker with No Back**

**Bogen**

**FEATURES**
- Exposed driver
- Easy assembly saves installation time, effort and cost
- 1 ft. x 2 ft. perforated grille over entire front; off-white finish
- 8 in. cone speaker with 6 oz. magnet and tweeter, and 25/70 V transformer
- Six power taps (4 W, 2 W, 1 W, 1/2 W, 1/4 W and 1/8 W); selectable by stripped and tinned leads

**Drop-in Ceiling Speaker with No Back with Volume Control**

**Bogen**

**FEATURES**
- Exposed driver
- Recessed volume control accessible from front of grille
- Easy assembly saves installation time, effort and cost
- 1 ft. x 2 ft. perforated grille over entire front; off-white finish
- 8 in. cone speaker with 6 oz. magnet and tweeter, and 25/70 V transformer
- Six power taps (4 W, 2 W, 1 W, 1/2 W, 1/4 W and 1/8 W); selectable by stripped and tinned leads

**Drop-in Ceiling Speaker with Volume Control**

**Bogen**

**FEATURES**
- Recessed volume control accessible from front of grille
- Easy assembly saves installation time, effort and cost
- Tile support rail for 2 ft. x 4 ft. ceilings included
- 2 ft. x 2 ft. perforated grille over entire front; off-white finish
- 8 in. cone speaker with 10 oz. magnet and tweeter, and 25/70 V transformer
- Five power taps (4 W, 2 W, 1 W, 1/2 W and 1/4 W); selectable by rotary switch
- Complies with NFPA National Code 160b and UL 2043

**TAMB2 - Paging Access Module**

**Bogen**

**FEATURES**
- Interfaces a telephone system with a paging system to allow paging announcements to be made through any telephone
- Rack mount or wall mount; half-rack width units can be mounted side-by-side
- Background music input with volume control

**Foreground / Background Speakers**

**Bogen**

**FEATURES**
- 8 ohm or 70 V
- 4 1/2 in. and 5 1/4 in. drivers
- 1 in. titanium tweeter
- NEAR/Bogen patented Magnetic Ferrofluid Drivers
- 75 W/125 W at 8 ohm, 1 to 32 W at 70 V
- Swivel mounting bracket included

---

**Tambor2 - Paging Access Module**

**Bogen**

**FEATURES**
- Interfaces a telephone system with a paging system to allow paging announcements to be made through any telephone
- Rack mount or wall mount; half-rack width units can be mounted side-by-side
- Background music input with volume control

**Anixter No. Vendor No. Description**

- 427499 TAMB2 Telephone paging access module
- 304679 PRS2403 24 V DC at 300 mA, nonswitching

**Foreground / Background Speakers**

**Bogen**

**FEATURES**
- 8 ohm or 70 V
- 4 1/2 in. and 5 1/4 in. drivers
- 1 in. titanium tweeter
- NEAR/Bogen patented Magnetic Ferrofluid Drivers
- 75 W/125 W at 8 ohm, 1 to 32 W at 70 V
- Swivel mounting bracket included

**Anixter No. Vendor No. Description**

- 444143 S4-W Signature speaker, 8 ohm, white
- 444145 S4-B Signature speaker, 8 ohm, black
- 444146 S4T-W Signature speaker, 70 V, white
- 444147 S4T-B Signature speaker, 70 V, black
- 444148 S5-W Signature speaker, 8 ohm, white
- 444149 S5-B Signature speaker, 8 ohm, black
- 444150 S5T-W Signature speaker, 70 V, white
- 444151 S5T-B Signature speaker, 70 V, black
GAI-Tronics’ Clean Phone’s hands-free operation is ideal for clean rooms and other sterile environments. The advanced software makes this phone sophisticated enough to handle complex operations while maintaining ease of use. Visual graphics are printed on the reverse side of the overlay to prevent particulate shedding and ensuring longevity. The Clean Phone is ideal for semiconductor facilities, pharmaceutical plants and hospitals. The Model 40411-004 power supply (sold separately) is required for installation. Multiple telephones may be powered by a single unit. Customer-provided 48 V DC supply or a GAI-Tronics Model 40411-004 power supply may be purchased separately to power individual telephones.

**FEATURES**

- Completely smooth front panel with sealed overlay keeps phone particulate free
- Easy to clean and resistant to most wash-down chemicals
- Two auto-dial numbers for quick communication at the touch of a button
- Auto-answer option allows clean-room or operating-room personnel to answer calls without leaving their stations
- “Flash” button allows phone to use all features of a PBX system
- Oversize buttons allow easy operation for gloved hands
- Button functions are clearly identified for ease of use
- Certified to UL/CSA 60950 telecommunication equipment
- FCC-registered and IC-certified
- 48 V DC power

**Indoor/Outdoor Auto-dial Telephones**

GAI-Tronics’ indoor and outdoor industrial telephones are designed for those applications where standard telephones are not environmentally suitable. The telephones include standard items such as a proximity-detecting hookswitch with no moving parts and a sealed keypad to keep out dust, dirt and moisture. Typical applications include public areas, plant entrances, college campuses, airports, commercial locations, parking garages and amusement parks.

**FEATURES**

- Anticorrosive enclosure
- Analog line powered (no external power required)
- Nonmovable hookswitch
- Sealed metallic Braille keypad
- Hearing-aid compatible (HAC)
- Volume-control handset
- Noise-canceling microphone
- Industrial-strength 6 ft. Hytrel handset cord resists up to 250 lb. of pull strength

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>141122</td>
<td>257-001</td>
<td>Outdoor version</td>
</tr>
<tr>
<td>506900</td>
<td>247-001</td>
<td>Indoor version</td>
</tr>
</tbody>
</table>

GAI-Tronics' indoor and outdoor industrial telephones are designed for applications where standard telephones are not environmentally suitable. The telephones include standard items such as a proximity-detecting hookswitch with no moving parts and a sealed keypad to keep out dust, dirt and moisture. Typical applications include public areas, plant entrances, college campuses, airports, commercial locations, parking garages and amusement parks.

**FEATURES**

- Anticorrosive housing
- Analog line powered (no external power required)
- Nonmovable hookswitch
- Hearing-aid compatible (HAC)
- Volume-control handset
- Noise-canceling microphone
- Industrial-strength 6 ft. Hytrel handset cord resists up to 250 lb. of pull strength
GAI-TRONICS Hazardous Area Telephones utilize an "intrinsically safe" design; this configuration limits the power to the telephone to a low-enough level that a hazardous condition cannot occur. These telephones are significantly less expensive, more feature-rich and easier to maintain than older explosion proof designs.

**FEATURES**

- Replaces explosion proof telephones without replacing system cable in most applications
- Weather-resistant, anticorrosive design
- "Shrill-type" penetrating ringer
- Noise-canceling microphone
- Low side-tone for noisy environments
- Switchable power supply: 110 V AC/220 V AC
- Industrial-strength 6 ft. Hytrel handset cord resists up to 250 lb. of pull strength
- Sealed metallic Braille keypad
- Hearing-aid compatible (HAC)
- Volume-control handset
- Auto-dial (227-001) automatically dials up to 31 digits when handset is taken off-hook
- Tamper-resistant hardware
- NEMA 3R weatherproof rating
- Extreme operating-temperature range (-40°C to + 60°C)
- Certified to UL/CSA 60950 telecommunication equipment
- FCC-registered and IC-certified

Anixter No. | Vendor No. | Description
--- | --- | ---
141123 | 246-001 | Indoor version
142507 | 256-001 | Outdoor version
128694 | 256-001SK | Outdoor version with spring kit
GAI-Tronics’ Industrial Telephones perform in environments too tough for standard telephones. Standard equipment includes a 29 in. lanyard armored cord resistant up to 800 lb. of pull strength, chrome-plated keypad and proximity hookswitch. The 270 Series design enhances the flexibility to flush-mount into the wall or surface-mount (using 236 Series or 238-001 wall enclosure). The Model 233-001 tamper-resistant screwdriver (sold separately) is required for installation.

**FEATURES**
- 14-gauge brushed-stainless steel with safety corner design
- Vandal-resistant design
- Nonmovable chrome-plated hookswitch
- Sealed metallic keypad (276-001)
- Sealed handset
- Hearing-aid compatible (HAC)
- Volume-control handset
- Noise-canceling microphone
- Auto-dial (277-001) automatically dials up to 31 digits when handset is taken off-hook
- Extreme operating-temperature range (-40°C to + 60°C)
- NEMA 3R weatherproof rating
- Certified to UL/CSA 60950 telecommunication equipment
- FCC-registered and IC-certified

**Industrial Telephone Enclosures**

**FEATURES**
- Glass-reinforced polyester enclosure
- Equipped with a No. 630 mounting plate to accommodate a standard wall telephone

GAI-Tronics’ Addressable Amplified Speakers provide superior performance for any permanent or temporary public address application. With its built-in amplifier circuit, rated 8 watts at 12 V DC, there is no need for a separate power amplifier, increasing system reliability by removing the single point of failure and creating a distributed amplified speaker system. The addressable speaker performs a self-adjustment of its output volume based on the surrounding ambient-noise level.

**FEATURES**
- Built-in 8-watt amplifier for public address applications
- 83 - 116 dB SPL output at 4 feet on axis
- Radio frequency (UHF/VHF) and 600-ohm audio input models
- Integral RF antenna (when applicable)
- Addressable (individual, zoned, all-page) via DTMF
- Addressable output control (dry contact closure)
- Automatic volume-level control (programmable on/off)
- Remote DTMF volume control
- 12 V DC input power required (120 V AC power supply included)
- Battery backup option with low battery alert
- External long-life battery option
- Solar panel-power option
- Surface or pole mounting
- Rainproof rating (3R)

**Flush-mount Industrial Telephone with Keypad**

**Addressable Amplified Speaker**
On-Q Selective Call Intercom

ORTRONICS

Built on cutting-edge technology that allows broadcast or room-to-room communications at the touch of a button, Selective Call can accommodate up to 32 locations and up to three simultaneous, private conversations. It is the only intercom in the industry able to do so. It also eliminates the need for a main console, allowing complete system control from any and every room unit.

FEATURES

- High-resolution color LCD interface
- Includes simple, intuitive user navigation
- Allows unmatched personalization from a choice of 96 room names to the ability to customize most settings
- Employs dynamic sorting of room names, bringing the most-frequently called locations to the top

ROOM UNIT

DOOR UNIT

EIGHT-LOCATION DISTRIBUTION MODULE

FOUR-LOCATION KIT

Includes one module and power supply.

Anixter No. Vendor No. Description
372936  IC5000-WH  White
372939  IC5000-BS  Brushed stainless
372940  IC5000-OB  Oil-rubbed bronze
372942  IC5000-SB  Shiny brass
372943  IC5000-AB  Antique brass

Anixter No. Vendor No. Description
372911  IC5000-WH  White
372917  IC5000-GB  Gloss black
372923  IC5000-LA  Light almond
372924  IC5000-TI  Titanium

Anixter No. Vendor No. Description
373044  IC5001  Eight-location distribution module
424698  PW1030  24 V DC, 30 W, power supply

Anixter No. Vendor No. Description
372911  IC5000-WH  White
372924  IC5000-TI  Titanium

Anixter No. Vendor No. Description
372926  IC5004-WH  White
372928  IC5004-BS  Brushed stainless
372929  IC5004-OB  Oil-rubbed bronze
372930  IC5004-SB  Shiny brass
372932  IC5004-AB  Antique brass

Anixter No. Vendor No. Description
373048  IC5400-WH  White room units
373049  IC5400-LA  Light almond room units
Ortronics On-Q

**On-Q lyriQ Audio System**

**ORTRONICS**

The On-Q lyriQ Audio System seamlessly integrates both aesthetically and technically with Ortronics award-winning intercoms and speakers. The Cat 5e technology provides amplification at volume control in each room. The keypad volume controls communicate with each other via their own dedicated bus to facilitate features such as whole-house control.

The On-Q evoQ 3000 Series Speakers provide efficient, whole-house music distribution with exceptional sound. Features mica fiber woofers, PEI Mylar tweeters and foam gaskets to minimize vibration and provide an air-tight seal. Available in 6.5 in. or 8 in. in-ceiling, 6.5 in. or 8 in. in-wall, single stereo and outdoor models. Easy-to-install with self-centering screw head.

The On-Q evoQ 5000 Series Speakers were carefully designed with precision-matched components to create fantastic performance. As a result, Ortronics' high-performance evoQ 5000 Series Speakers provide a full, crisp sound - but at an affordable value. The speakers install flush into the wall or ceiling, blending into the surface.

**FEATURES**

- Integrates with InQuire Intercom System
- Cat 5e backbone

**LYRIQ MULTISOURCE, MULTIZONE KIT**

Includes one four-source, eight-zone distribution module, one triple-source input, one single-source input, one local source input, four keypads, two dual-IR mouse emitters, one universal remote and power supply.

Anixter No. Vendor No. Description
373052 AU1003-WH Bracket included - white
373053 AU1003-LA Bracket included - light almond

**LYRIQ SINGLE SOURCE, FOUR-ZONE KIT**

Includes one single source, four-zone distribution module, one single source input, one local source input, four keypads, one dual-IR mouse emitter, one universal remote and power supply.

Anixter No. Vendor No. Description
373054 AU7400-WH Bracket included - white
373055 AU7400-LA Bracket included - light almond

**EVOQ 3000 SERIES SPEAKERS**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>359935</td>
<td>MS3650</td>
<td>6.5 in. in-ceiling speaker (pair) 60 Hz, 91 dB, 50 W/100 W</td>
</tr>
<tr>
<td>424699</td>
<td>MS3800</td>
<td>8 in. in-ceiling speaker (pair), 50 Hz, 91 dB, 75 W/150 W</td>
</tr>
<tr>
<td>373058</td>
<td>MS3651</td>
<td>6.5 in. in-wall speaker (pair), 60 Hz, 91 dB, 50 W/100 W</td>
</tr>
<tr>
<td>373059</td>
<td>364657-02</td>
<td>8 in. in-wall speaker, 50 Hz, 91 dB, 75 W/150 W (pair)</td>
</tr>
<tr>
<td>373060</td>
<td>MS3652</td>
<td>6.5 in. in-ceiling dual voice coil stereo speaker each, 60 Hz, 91 dB, 50 W/100 W</td>
</tr>
<tr>
<td>373061</td>
<td>MS3523-WH</td>
<td>5.25 in. outdoor speaker (pair) white, 65 Hz, 90 dB, 50 W/100 W</td>
</tr>
<tr>
<td>373062</td>
<td>MS3523-BK</td>
<td>5.25 in. outdoor speaker (pair) black, 65 Hz, 90 dB, 50 W/100 W</td>
</tr>
</tbody>
</table>

**EVOQ 5000 SERIES SPEAKERS**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>373070</td>
<td>HT5650</td>
<td>6.5 in. in-ceiling speaker (each) 60 Hz, 90 dB, 75 W/150 W</td>
</tr>
<tr>
<td>373071</td>
<td>HT5800</td>
<td>8 in. in-ceiling speaker (each), 50 Hz, 91 dB, 100 W/200 W</td>
</tr>
<tr>
<td>373072</td>
<td>364662-01</td>
<td>6.5 in. in-wall speaker (each), 60 Hz, 90 dB, 75 W/150 W</td>
</tr>
<tr>
<td>373073</td>
<td>HT5801</td>
<td>8 in. in-wall speaker (each), 50 Hz, 90 dB, 100 W/200 W</td>
</tr>
<tr>
<td>373075</td>
<td>HT5104</td>
<td>Sub-woofer 35 Hz, 150 W amplified</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>373065</td>
<td>364783-02</td>
<td>Replacement grille for 5.25 in. outdoor speaker - white</td>
</tr>
<tr>
<td>373066</td>
<td>364783-04</td>
<td>Replacement grille for 5.25 in. outdoor speaker - black</td>
</tr>
<tr>
<td>359706</td>
<td>364672-02</td>
<td>6.5 in. in-ceiling preconstruction speaker bracket</td>
</tr>
<tr>
<td>373068</td>
<td>364673-02</td>
<td>8 in. in-ceiling preconstruction speaker bracket</td>
</tr>
<tr>
<td>359704</td>
<td>364674-02</td>
<td>6.5 in. in-wall preconstruction speaker bracket</td>
</tr>
<tr>
<td>373069</td>
<td>364675-02</td>
<td>8 in. in-wall preconstruction speaker bracket</td>
</tr>
</tbody>
</table>
Surface-mount Speaker Systems

**QUAM-NICHOLS COMPANY**

The Quam surface-mount speaker systems are complete loudspeaker assemblies with 8 in. frame loudspeaker with 25 V and 70.7 V universal transformer, white steel enclosure.

**FEATURES**
- Intended use for vertical- and horizontal-surface mount
- Choice of light duty or vandal resistant
- Choice of interior or exterior environment
- Durable, paintable, white baked powder epoxy hybrid finish
- Program material: signal tones, voice, music
- Made in Chicago

**INTERIOR OR EXTERIOR ENVIRONMENTS**
Vandal-resistant white steel enclosures include 16-gauge white steel grille and tamper-resistant hardware.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>320256</td>
<td>SYSTEM1VP</td>
<td>With vertical/horizontal-surface mount, average sensitivity 94 dB SPL 1 W/1 M</td>
</tr>
<tr>
<td>320257</td>
<td>SYSTEM2VP</td>
<td>With sloped downward-firing, vertical-surface mount, average sensitivity 94 dB 1 W/1 M</td>
</tr>
</tbody>
</table>

**INTERIOR ENVIRONMENTS**
Light duty, flat face, vertical/horizontal-surface mount, average sensitivity 92 dB 1 W/1 M

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>421195</td>
<td>SYSTEM 1</td>
<td>Light duty, flat face, vertical/horizontal-surface mount, average sensitivity 92 dB 1 W/1 M</td>
</tr>
<tr>
<td>421197</td>
<td>SYSTEM 2</td>
<td>Light duty, white steel, 22 gauge steel grille, sloped downward firing, vertical-surface mount, average sensitivity 92 dB 1 W/1 M</td>
</tr>
<tr>
<td>320258</td>
<td>SYSTEM 3/VC</td>
<td>Volume control, sloped downward firing, average sensitivity 96 dB SPL 1 W/1 M</td>
</tr>
</tbody>
</table>

Solution 1 - Ceiling-mount Speaker System

**QUAM-NICHOLS COMPANY**

Quam Solution 1 components are required for a complete assembly, intended for indoor environments, downward-firing installed in a 24 in. W drop ceiling; applications include corridors, classrooms and general-purpose office.

**FEATURES**
- Two units per carton
- 8 in. 12 W loudspeaker with a 5 W, 25 V/70.7 V universal transformer
- White baked epoxy grill
- Tile support
- Universal UL Listed backbox
- Made in Chicago

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>339548</td>
<td>SOLUTION 1</td>
<td>Loudspeaker assembly</td>
</tr>
<tr>
<td>421198</td>
<td>SOLUTION 2</td>
<td>Volume control loudspeaker assembly</td>
</tr>
</tbody>
</table>

Multiapplication Speaker Systems

**QUAM-NICHOLS COMPANY**

The Quam systems listed below feature a complete loudspeaker assembly with universal 25 V/70.7 V transformer, durable black baked epoxy hybrid finish and charcoal-gray cloth grille.

**FEATURES**
- Choice of models includes wall-mount, shallow surface-mount, corner-mount and compact shallow wall-mount
- Program material signal tones, voice and music
- Interior environment and volume control
- Output 96 dB SPL 1 W/1 M
- Made in Chicago

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>320260</td>
<td>SYSTEM 4/VC</td>
<td>8 in. frame, sloped downward-firing</td>
</tr>
<tr>
<td>320368</td>
<td>SYSTEM 8/VC</td>
<td>8 in. frame, shallow vertical- or horizontal-surface mount</td>
</tr>
<tr>
<td>320369</td>
<td>SYSTEM 9/VC</td>
<td>8 in. frame, wall or corner position mounting, sloped downward-firing</td>
</tr>
<tr>
<td>320370</td>
<td>SYSTEM 10/VC</td>
<td>Compact shallow wall-mount 4 in. frame</td>
</tr>
</tbody>
</table>
The Quam System 6VP and H16/SVP are surface-mount and flush-mount correction-grade paging horn systems. They are designed for indoor and outdoor use and areas prone to vandalism.

**FEATURES**
- Enclosure and baffle are 16-gauge steel
- Tamper-resistant hardware and driver bit included
- Durable, paintable white baked epoxy hybrid finish
- 121 dB, 350 Hz-10 kHz, 16 W
- Made in Chicago

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>320372</td>
<td>SYSTEM 6/VP</td>
<td>Vertical- or horizontal-surface mount square vandal-resistant horn assembly</td>
</tr>
<tr>
<td>320373</td>
<td>H16/SVP</td>
<td>Flush-mount horn assembly, square baffle without surface enclosure. Use flush enclosure model E8</td>
</tr>
<tr>
<td>320374</td>
<td>H16/RVP</td>
<td>Flush-mount horn assembly, round baffle without surface enclosure. Use mounting-ring SSB-7 or bridge SSB-2. ERD8U backbox</td>
</tr>
</tbody>
</table>

The Quam System 5 and 12 are complete loudspeaker assemblies, with 8 in. frame loudspeakers, 8 ohm or 25 and 70.7 V universal transformer, perforated steel grille, finished in durable, paintable white baked epoxy hybrid. UL Listed. EASE modeling data available on most models for high-intelligibility systems.

**FEATURES**
- Quick and simple installation
- Contractor labor saving
- New product grille design blends into ceiling
- T-bar included with all 1 ft. x 2 ft. models
- Program material signal tones, voice and music
- Rotary select from 1/4 W, 1/2 W, 1 W, 2 W and 4 W (RS Models)
- Made in Chicago
### Designer Baffle, Speaker Assembly

The Quam C10FX/H70/2WS is a complete loudspeaker assembly, with 8 in. speaker, transformer, designer two-piece grille with a fine-mesh center insert, 10 in. diameter, durable, paintable white baked epoxy hybrid finish.

**FEATURES**
- Easy mount into ceiling tile using SSB-6 support
- Modern appearance
- Music, signal tones and voice
- Made in Chicago

**Description**
- Anixter No.: 393620
- Vendor No.: C10FX/H70/2WS
- Two piece designer grill, 10 W 70.7 V extended-response transformer, foam edge 10 oz. speaker, 40 Hz to 18 kHz, 97 dB
- 1 W/1 M

### Exposed Beam Speaker System

The Quam BB2 is ideal for applications with exposed I-beams.

**FEATURES**
- Contractor labor saving
- "C" style beam clamps mounted to top of enclosure
- I-beam clamps allow for wide range of I-beam widths up to 5 1/4 in.
- Program material signal tones, voice and music
- 8 in. loudspeaker, 25/70 V transformer
- Made in Chicago

**Description**
- Anixter No.: 305793
- Vendor No.: BB2
- With durable, paintable white baked epoxy hybrid finish

- Anixter No.: 320391
- Vendor No.: BB2/B
- With durable black baked epoxy hybrid finish

### Bi-directional Paging Loudspeaker Assemblies

Compact, versatile designs supplement existing systems with an easy-to-install loudspeaker that is aimed parallel to traffic flow in passageways, corridors and larger rooms.

**FEATURES**
- Easily mounts to a "1900 box" or SSB-1900
- System 31 and System 32 can be mounted to I-beam or columns with the addition of QUAM Kit # 72
- Signal tones and voice
- White steel, wall- or ceiling-mount
- Made in Chicago

**Description**
- Anixter No.: 393621
- Vendor No.: SYSTEM 30
- 4 in. paging speaker assembly, average sensitivity 94 dB 1 W/1 M

- Anixter No.: 393622
- Vendor No.: SYSTEM 31
- Dual re-entrant 16 W paging horn assembly, average sensitivity 110 dB 1 W/1 M

- Anixter No.: 393623
- Vendor No.: SYSTEM 32
- 8 in. paging speaker assembly, average sensitivity 92 dB 1 W/1 M

- Anixter No.: 421203
- Vendor No.: SYSTEM 33
- Micro 2.5 in. paging speaker assembly, average sensitivity 87 dB 1 W/1 M

**ACCESSORIES**
- Anixter No.: 393624
- Vendor No.: KIT72
- Beam clamps, 8 pc. kit for four speaker assemblies

### FM Series - Foreground Music Speaker Systems

The Quam FM series loudspeaker systems are the ideal foreground and background speakers, designed to provide excellent quality and performance in a very attractive package. FM7Q models are heavy-duty, all-metal, bracket-mount, foreground music speakers that are made in Chicago.

**Description**
- Anixter No.: 393624
- Vendor No.: FM7Q
- With durable, paintable white baked epoxy hybrid finish

Continued on next page >>
Sound, Paging and Public Address
Quam-Nichols Company

(continued) FM Series - Foreground Music Speaker Systems

FEATURES
- Indoor/outdoor rated
- Vertical and horizontal mounting (mounting bracket included)
- Six-position attenuation with stops at 8 ohm, or 70 V taps 1.25 W, 2.5 W, 5 W, 10 W, 20 W
- Construction enclosure high-impact ABS-type plastic
- White or black finish

Anixter No. Vendor No. Description
339579 FM4X1/70 Black, two-way, 100 mm woofer, 20 mm tweeter, 101 dB @ 20 W, 80 Hz-20 kHz
339580 FM4X1/70/W White, two-way, 100 mm woofer, 20 mm tweeter, 101 dB @ 20 W, 80 Hz-20 kHz
369504 FM7X1/70/W White, two-way, 150 mm woofer, 25 mm tweeter, 103 dB @ 20 W, 60 Hz-20 kHz
448441 FM7Q1/8/B Black, two-way, 8 ohm only, 6 in. LF driver, 1 in. HF driver, 103 dB @ 20 W, 60 Hz-20 kHz, also available in white, stainless
448443 FM7Q1/70/B Black, two-way, 70 V only, 6 in. LF driver, 1 in. HF driver, 103 dB @ 20 W, 60 Hz-20 kHz, also available in white, stainless
448445 FM7Q1/70/B Black, two-way, 25 V only, 6 in. LF driver, 1 in. HF driver, 103 dB @ 20 W, 60 Hz-20 kHz, also available in white, stainless

ACCESSORIES
Anixter No. Vendor No. Description
396778 KIT106 Black, omni-mount bracket, one pair, for FM4 and FM7

Paging Horn and 8 in. Special-application Speakers
QUAM-NICHOLS COMPANY

Anixter No. Vendor No. Description
279126 QH16T 16 W, 121 dB, 300 Hz - 15 kHz, 9.5 in. deep, 8.250 in. diameter
393627 QH32T 32 W, 124 dB, 300 Hz - 15 kHz, 12 in. deep, 10 in. diameter

SPECIAL-APPLICATION SPEAKERS - 8 IN. FRAME
Anixter No. Vendor No. Description
320400 8C10PAFR Flame-retardant components, 10 oz. magnet, 20 W, 60 Hz-10 kHz, 95 dB 1 W/1 M
320401 8C10PAOT Moisture-resistant components, 10 oz. magnet, 15 W, 80 Hz-8 kHz, 94 dB 1 W/1 M
320402 8C5Z45 5 oz. magnet intercom speaker, 12 W, 70 Hz-15 kHz, 94 dB 1 W/1 M
320403 8C10DVPAX 10 oz. magnet, dual voice coil, 15 W, 60 Hz-12 kHz, 92 dB 1 W/1 M
320397 8C10FECO Extended-response coaxial, 10 oz. magnet, 20 W, 40 Hz-20 kHz, 97 dB 1 W/1 M

Desktop Communications Console
QUAM-NICHOLS COMPANY

The Quam DTSx desktop communications console is a vandal-resistant, microphone/loudspeaker assembly substation. Not a master station.

FEATURES
- Push-to-talk button
- Moisture-resistant speaker
- Loudspeaker baffle is 12 gauge brushed stainless steel
- Vandal-resistant internal baffle
- Enclosure 16 gauge CRS with “pin-in-hex” hardware
- Console black epoxy finish
- Volume control
- Headset bypass 3.5 mm output jack
- Predrilled holes in base for bolt-down application
- Made in Chicago

Anixter No. Vendor No. Description
339584 DTS 1 14 1/4 in. replaceable metal gooseneck dynamic microphone
339585 DTS 2 Flush-mounted electret microphone

Anixter No. Vendor No. Description
279126 QH16T 16 W, 121 dB, 300 Hz - 15 kHz, 9.5 in. deep, 8.250 in. diameter
393627 QH32T 32 W, 124 dB, 300 Hz - 15 kHz, 12 in. deep, 10 in. diameter

PAGING HORN LOUDSPEAKER
Slotted tap selector switch permits incremental wattage adjustment for 25 and 70.7 V line.

Anixter No. Vendor No. Description
279126 QH16T 16 W, 121 dB, 300 Hz - 15 kHz, 9.5 in. deep, 8.250 in. diameter
393627 QH32T 32 W, 124 dB, 300 Hz - 15 kHz, 12 in. deep, 10 in. diameter

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- Vandal-resistant internal baffle
- Enclosure 16 gauge CRS with “pin-in-hex” hardware
- Console black epoxy finish
- Volume control
- Headset bypass 3.5 mm output jack
- Predrilled holes in base for bolt-down application
- Made in Chicago

Anixter No. Vendor No. Description
339584 DTS 1 14 1/4 in. replaceable metal gooseneck dynamic microphone
339585 DTS 2 Flush-mounted electret microphone
**Sound, Paging and Public Address**

**Quam-Nichols Company**

### 2-gang and 3-gang Vandal-resistant Intercom Surface-mount Device

**Features**
- Gray baked epoxy hybrid finish
- Mounting slots and knockout for ease of installation
- Indoor or outdoor applications
- New 3-gang backboxes
- Made in Chicago

#### 2-GANG

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>339589</td>
<td>SE6GVP</td>
<td>Surface-mount enclosure</td>
</tr>
<tr>
<td>339590</td>
<td>SE7GVP</td>
<td>Hooded enclosure</td>
</tr>
<tr>
<td>339591</td>
<td>SE8GVP</td>
<td>Angled-mount enclosure</td>
</tr>
</tbody>
</table>

#### 3-GANG

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>421204</td>
<td>SE3GVP</td>
<td>Surface-mount enclosure</td>
</tr>
<tr>
<td>421206</td>
<td>SE10GVP</td>
<td>Hooded surface-mount enclosure</td>
</tr>
</tbody>
</table>

The Quam SE series 2- and 3-gang backboxes are available for use with Quam's correctional-grade intercoms.

### Pre-assembled Loudspeaker/Transformer/Baffle

**Features**
- Constant voltage line transformer with taps ranging from 1/4 W to 5 W
- Can be used with ERD-8 backbox and SSB-2 mounting support or SSB-7 plaster rings
- Made in Chicago

#### 235204 C5/B70/W

- 8 in., 5 oz. magnet, dual cone, 65 Hz-17 kHz, transformer 70.7 V, round baffle with durable, paintable white baked epoxy hybrid finish

#### 235203 C5/B25/W

- 8 in., 5 oz. magnet, dual cone, 65 Hz-17 kHz, transformer 25 V, round baffle with durable, paintable white baked epoxy hybrid finish

#### 279125 C10XB70/WS/VC

- 8 in., 10 oz. magnet, dual cone, 60-17 kHz, 70.7 V transformer, round studded baffle with durable, paintable white baked epoxy hybrid finish, volume control

#### 320407 C10X/B70/WS

- 8 in., 10 oz. magnet, dual cone, 60-17 kHz, 70.7 V transformer, round studded baffle with durable, paintable white baked epoxy hybrid finish

#### 320408 C10X/BU/WS

- 8 in., 10 oz. magnet, dual cone, 60-17 kHz, universal transformer 25 V and 70.7 V, round studded baffle with durable, paintable white baked epoxy hybrid finish

#### 320410 C10X/BU/WS/VC

- 8 in., 10 oz. magnet, dual cone, 60-17 kHz, universal transformer 25 V and 70.7 V, round studded baffle with durable, paintable white baked epoxy hybrid finish, volume control

#### 320411 C5/B70/W/VC

- 8 in., 5 oz. magnet, dual cone, 65 Hz-17 kHz, transformer 70.7 V, round baffle with durable, paintable white baked epoxy hybrid finish, volume control

#### 320412 C5/BU/W/VC

- 8 in., 5 oz. magnet, dual cone, 65 Hz-17 kHz, universal transformer 25 V and 70.7 V round baffle with durable, paintable white baked epoxy hybrid finish, volume control
Sound, Paging and Public Address

Quam-Nichols Company

UL Listed Loudspeaker Assemblies

The Quam UL Series is a group of UL Listed speaker assemblies designed for use in public address and background-music systems, emergency-alarm systems and other indoor applications that require flame-retardant, moisture-resistant assemblies.

FEATURES

- Meets UL Standard 1480 for fire protective signaling speakers and audible-signal appliances
- Category UUMW for use in ceiling plenums that are part of return air-handling systems
- Meets EIA Standard 426A
- Complete UL Listed assembly includes 8 in. flame-retardant speaker, transformer baffle, backbox
- EASE modeling data available on UL-5 and UL-6 for high-intelligibility systems
- Made in Chicago

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>320414</td>
<td>UL-5</td>
<td>Round baffle 8 in. 10 oz. magnet, 70 V transformer, 4 uf line supervision capacitor, EASE data available</td>
</tr>
<tr>
<td>320415</td>
<td>UL-6</td>
<td>Round baffle 8 in. 10 oz. magnet, 70 V transformer, EASE data available</td>
</tr>
<tr>
<td>320418</td>
<td>UL-10</td>
<td>Square masking assembly 8 in. 10 oz. magnet, 70 V transformer</td>
</tr>
</tbody>
</table>

Correctional-grade Intercom Stations

The Quam correctional-grade intercom stations are virtually indestructible; they are designed to interface with standard headend equipment.

FEATURES

- Computer-designed speaker microphone transducer
- Speaker components are moisture resistant
- Three separate steel barriers protect the speaker from tampering

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>320419</td>
<td>CIS4/8</td>
<td>2-gang call-in station, stainless 8 ohm</td>
</tr>
<tr>
<td>320420</td>
<td>CIS4/25</td>
<td>2-gang call-in station, stainless 25 V</td>
</tr>
<tr>
<td>320421</td>
<td>CIS4/45</td>
<td>2-gang call-in station, stainless 45 ohm</td>
</tr>
<tr>
<td>320426</td>
<td>CIS4/70</td>
<td>2-gang call-in station, stainless 70.7 V</td>
</tr>
</tbody>
</table>

Vandal-resistant Intercom Call-in Switches

The Quam CIB2 and CIB8 are engineered to prevent failure caused by intentional misuse. Designed for areas where a high-security call-in switch is warranted.

FEATURES

- Applications include correctional facilities, parking garages, healthcare
- Fabricated on a 1-gang 12-gauge stainless steel plate
- Switch is momentary normally open SPST
- New door-mullion plate model
- Made in Chicago

<table>
<thead>
<tr>
<th>Anixter No.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>320427</td>
<td>CIB2/MB</td>
<td>Incorporate a 1.3 in. diameter, steel mushroom button actuator finished in red baked epoxy hybrid</td>
</tr>
<tr>
<td>320428</td>
<td>CIB2</td>
<td>Brushed stainless steel flush-mount switch</td>
</tr>
<tr>
<td>320429</td>
<td>CIB1</td>
<td>Durable paintable white baked epoxy hybrid over stainless steel flush-mount switch</td>
</tr>
<tr>
<td>421207</td>
<td>CIB8</td>
<td>Door-mullion plate, vandal-resistant</td>
</tr>
</tbody>
</table>
Correctional-grade Vandal-resistant Baffles

The Quam vandal-resistant baffles are designed for correctional, institutional and public areas, where intentional abuses must be anticipated.

**FEATURES**

- 16 gauge high-tensile strength plus security screen-speaker protection
- 1 in. x 3/32 in. button head pin-in-hex security screws with special tool supplied
- Factory-assembled configurations available with transformer and baffle
- Durable, paintable white baked epoxy hybrid finish
- Made in Chicago

**Anixter No.** 235218 **Vendor No.** BR8VP **Description** Round vandal-resistant baffle for 8 in. speaker

**Anixter No.** 235224 **Vendor No.** BS8VP **Description** Square vandal-resistant baffle for 8 in. speaker

Vandalproof Enclosures for Speaker Baffle Assemblies

The Quam vandalproof enclosures are designed for surface-, ceiling- or wall-mounting. Fits all Quam square baffles.

**FEATURES**

- Vandalproof speaker applications for 8 in. loudspeaker assemblies
- Made in Chicago

**Anixter No.** 320430 **Vendor No.** SE1WVP **Description** Wall-mount square, 4 in. deep

**Anixter No.** 320431 **Vendor No.** SE2WVP **Description** Wall-mount square, slanted

**Anixter No.** 320432 **Vendor No.** SE5WVP **Description** Wall-mount square, 6 in. deep

Universal Masking Speakers

The Quam complete sound-masking loudspeaker assembly with 8 in. frame loudspeaker, 70.7 V transformer, dustproof perforated steel baffle, bi-metal composite QuietSteel backbox. City of Chicago code approved as marked (CCA*).

**FEATURES**

- Chain mounting hardware supplied
- Upward, downward and sideways mounting
- Indoor environment
- Program material: shaped, equalized random noise (primary), equalized voice, signal tones (secondary)
- Made in Chicago

**Anixter No.** 320435 **Vendor No.** MA/E6/S2/T1 **Description** Universal masking speaker, 690 CID Quiet Steel assembly 70 V pigtail leads CCA*

**Anixter No.** 320436 **Vendor No.** MA/E6/S2/TB **Description** Universal masking speaker, 690 CID Quiet Steel assembly 70 V rotary tap CCA*

**Anixter No.** 339592 **Vendor No.** MA/E8/S2/TI **Description** Universal masking speaker, 690 CID standard assembly 70 V pigtail leads CCA*

**Anixter No.** 339593 **Vendor No.** MA/E8/S2/TB **Description** Universal masking speaker, 690 CID standard assembly 70 V rotary tap CCA*

**Anixter No.** 393630 **Vendor No.** MA/E9/S2/TI **Description** Ceiling grid-mount masking speaker, placed firing upward on top of 24 in. wide ceiling tile, 890CID, 70 V rotary tap

448453 **Vendor No.** QC101M/RM **Description** Sound-masking attenuator, rack-mount, 100 W, 1.5 dB steps for fine adjustment of sound level
Backbox and Loudspeaker Ceiling-mounting Accessories

The Quam ERD-8 or ERD8U are UL Listed round steel loudspeaker backboxes. The ceiling T-bar support mounting bridges cover a broad scope of installation requirements. Special-order lengths available up to 48 in. on support bridges.

**FEATURES**
- Backboxes are UL Listed, Category UUMW for use in ceiling plenums that are part of return air-handling systems. Backboxes fit all supports except SSB-1900
- New SSB-D models for all brands of dog-leg-mount speakers. Provide a lower cost, faster installation with mounting options for ERD8 series backboxes
- Made in Chicago

<table>
<thead>
<tr>
<th>Anixter No.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>320437</td>
<td>ERD-8</td>
<td>UL Listed backbox mounting device, with welded straps</td>
</tr>
<tr>
<td>315695</td>
<td>SSB-2</td>
<td>8 in. speaker-support bridge</td>
</tr>
<tr>
<td>320438</td>
<td>SSB-3</td>
<td>8 in. combo torsion/screw/stud support bridge</td>
</tr>
<tr>
<td>320439</td>
<td>SSB-4</td>
<td>4 in. speaker support bridge</td>
</tr>
<tr>
<td>320440</td>
<td>SSB-6</td>
<td>8 in. two-piece baffle, BRB-2WS support only</td>
</tr>
<tr>
<td>320441</td>
<td>SSB-7</td>
<td>New construction plaster ring support</td>
</tr>
<tr>
<td>320443</td>
<td>SSC1</td>
<td>Speaker-support channels</td>
</tr>
<tr>
<td>393631</td>
<td>SSB-1900</td>
<td>Speaker, camera, fire-alarm mounting device with 1900 model electrical junction box attached</td>
</tr>
<tr>
<td>421208</td>
<td>SSB-1900 DEEP</td>
<td>Same as 1900 model with a 2 5/16 in. deep junction box attached</td>
</tr>
<tr>
<td>421209</td>
<td>SSB-D4</td>
<td>4 in. dog-leg speaker support for speakers with a 6 to 6.5 in. mounting diameter</td>
</tr>
<tr>
<td>421211</td>
<td>SSB-D6</td>
<td>6 in. dog-leg speaker support for speakers with a 7.5 to 8 in. mounting diameter</td>
</tr>
<tr>
<td>421212</td>
<td>SSB-D8</td>
<td>8 in. dog-leg speaker support for speakers with a 9.1875 to 9.6875 in. mounting diameter</td>
</tr>
</tbody>
</table>

Wall-mount Equipment Shelves

Quam shelf and cover combinations are steel wall-mounted equipment assemblies consisting of a horizontal platform with 1/2 in. raised front lip and two support arms.

**FEATURES**
- Indoor-mounted perpendicular to the wall surface and parallel to the floor
- New one-piece hinged shelf design for faster installation
- Load capacity of 40 lb. on all models
- Cover combination has tamper-resistant lock-and-key assembly
- Made in Chicago

<table>
<thead>
<tr>
<th>Anixter No.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>320444</td>
<td>AS11X12</td>
<td>Amp shelf 11 in. wide x 12.9 in. deep, durable black baked epoxy hybrid finish</td>
</tr>
<tr>
<td>320559</td>
<td>AS19X16/Cover</td>
<td>Amp shelf and cover for rack-mount-size equipment, 7.375 in. H, 18 in. W x 19.25 in. D, with tamperproof lock features, static 40 lb. capacity when properly secured to wall</td>
</tr>
</tbody>
</table>

Heavy-duty Wall-mount Equipment Shelves

Quam heavy-duty shelves are one piece, 100 lb. capacity, heavy gauge steel, for audio, video, network and other equipment.

**FEATURES**
- No assembly
- 2 in. x 4 in. cord openings in top
- Black epoxy powder-coat finish
- Made in Chicago

<table>
<thead>
<tr>
<th>Anixter No.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>448454</td>
<td>WS20X12</td>
<td>20 in. W x 12 in. D</td>
</tr>
<tr>
<td>448455</td>
<td>WS20X16</td>
<td>20 in. W x 16 in. D</td>
</tr>
<tr>
<td>448456</td>
<td>WS20X20</td>
<td>20 in. W x 20 in. D</td>
</tr>
</tbody>
</table>
Wall-mount Attenuators and Enclosures

QUAM-NICHOLS COMPANY

Quam 1- and 2-gang stainless steel trim plate attenuators to control 25 and 70.7 V lines.

FEATURES
- Choice of 20 W or 100 W continuous rating at 25 V, 70.7 V or 100 V lines
- Protective bracketing guards against accidental damage to switch leads during installation
- Durable, insulated, stranded switch leads prevent breakage and accidental grounds

<table>
<thead>
<tr>
<th>Anixter No.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>QC10CLASSIC</td>
<td>320448</td>
<td>20 W single-gang plate debossed filled positions, UL Listed</td>
</tr>
<tr>
<td>QC10P</td>
<td>320449</td>
<td>20 W single-gang plate priority 24 V DC bypass relay</td>
</tr>
<tr>
<td>QC10W</td>
<td>320450</td>
<td>20 W single-gang plate durable white baked epoxy hybrid finish with white knob, UL Listed</td>
</tr>
<tr>
<td>QC10RM</td>
<td>421213</td>
<td>20 W rack-mount with 2 x 2 dial scale, UL Listed</td>
</tr>
<tr>
<td>QC10</td>
<td>320451</td>
<td>100 W 2-gang plate embossed position, UL Listed</td>
</tr>
<tr>
<td>QC100P</td>
<td>320452</td>
<td>100 W 2-gang plate priority 24 V DC bypass relay</td>
</tr>
<tr>
<td>QC100W</td>
<td>320453</td>
<td>100 W 2-gang plate durable white baked epoxy hybrid finish, with white knob, UL Listed</td>
</tr>
<tr>
<td>QC100RM</td>
<td>421215</td>
<td>100 W rack-mount with 2 x 2 dial scale, UL Listed</td>
</tr>
<tr>
<td>QC101</td>
<td>320454</td>
<td>100 W single-gang plate embossed positions, UL Listed</td>
</tr>
<tr>
<td>SE4W</td>
<td>320433</td>
<td>Surface-mount single-gang electrical box 2 1/4 in. D, durable white baked epoxy hybrid finish</td>
</tr>
<tr>
<td>SE4W2</td>
<td>320434</td>
<td>Surface-mount 2-gang electrical box 2 3/4 in. D, durable white baked epoxy hybrid finish</td>
</tr>
<tr>
<td>QC101M/RM</td>
<td>448453</td>
<td>Sound-masking attenuator, rack-mount, 100 W, 1.5 dB steps for fine adjustment of sound level</td>
</tr>
</tbody>
</table>
Sound, Paging and Public Address

Speco Technologies

P.A. Amplifiers

**SPECO TECHNOLOGIES**

The PVL series is Speco Technologies’ latest line of amplifiers offering features such as priority paging and multiple, easily accessible source inputs, at a budget-minded price. These amplifiers are perfect for small installations such as classrooms, retail shops, convenience stores, or for use with the Digital Deterrent feature incorporated into most of Speco Technologies’ DVRs. These amplifiers have commercial and residential outputs and are extremely versatile. Includes a five-year warranty.

**FEATURES**

- Frequency response: 30-20 kHz
- Outputs: 4 and 8 ohm, 25/70 V
- AC voltage: 120 V AC 50/60 Hz
- Microphone inputs: Two (1.25 in. and 1.25 in. or XLR)
- Dimensions: 8.25 in. W x 3 in. H x 7.9 in. D

PVL15A

- rms power: 15 W
- Max. power: 30 W
- Auxiliary inputs: one (one 1/4 in.)

**500 W Commercial 70 V Power Amp**

**SPECO TECHNOLOGIES**

The P500A serves a specific role: to work in conjunction with a mixer amplifier or preamplifier to significantly boost the power in any given commercial installation and accommodate large numbers of commercial speakers. This amplifier utilizes Class D amplifier technology which means it is extremely lightweight and runs very cool despite the high amount of power being sent to the speakers. With 500 W of power, the P500A can save money in large installations by reducing the overall number of amplifiers used.

**FEATURES**

- rms power: 500 W
- Frequency response: 70-18 kHz
- Single output covers both 70 V and 8 ohm speakers
- Auxiliary output: XLR
- Auxiliary input: XLR or terminal
- Input impedance: 20 K ohm
- Input sensitivity: 1.2 VRMS
- Signal to noise ratio: > 90 dB
- Nonlinear distortion: < 0.1% (1 kHz, 1/3 nominal output power)
- Operating condition: 95% RH, 0-104°F (no condensation)
- AC 110-120 V AC, 50/60 Hz
- Dimensions: 15.75 in. W x 3.46 in. H x 19 in. D
- Weight: 18 lb.

PVL30A

- rms power: 15 W / 30 W
- Max. power: 30 W / 60 W
- Auxiliary inputs: one (one 1/4 in.); one (one 1/4 in. or RCA stereo)

**120 W P.A. Amplifier**

**SPECO TECHNOLOGIES**

The PBM120A represents Speco Technologies’ next generation of commercial public address amplifiers. In addition to the great features you’ve come to expect in a Speco Technologies’ amplifier, the PBM-A series has ample inputs, an included IR-remote control, an RS-232 input for integration with control systems, front panel locking capability, and includes all rack-mounting hardware. With a stylish appearance and all these additional features at a price similar to previous-generation amplifiers, the PBM-A series is sure to become your go-to amplifier.
Sound, Paging and Public Address

Speco Technologies

### FEATURES

- **rms power:** 120 W
- **Max. power:** 240 W
- **AC 115 V, 60 Hz**
- Three XLR microphone inputs with selectable phantom power (mic 1 has selectable priority)
- Telephone paging input
- Music-on-hold feature
- Five zoned speaker outputs (70 or 25 V)
- Nonzoned 4/8/16 ohm output
- RCA or XLR line output
- Front bass and treble controls
- Individual volume control for each input
- Master digital volume control
- Digital front panel lock
- RS-232 input for integration with popular control systems

### Contractor Series 30 W rms P.A. Amplifier

**SPECO TECHNOLOGIES**

**FEATURES**

- Two mic inputs (terminal strip)
- Aux input
- Front-panel level controls
- Auto-mute function
- Bass and treble tone controls
- Outputs 70/25 V and 4/8/16 ohms
- Auto-summing stereo aux input
- Music-on-hold output with separate level control (600 ohms line and 1 W 8 ohms)
- 600 ohms telephone line input with level control
- Manual muting contacts
- Accessory AC outlet
- 3.5 in. H x 10.7 in. W x 9.4 in. D
- 12 lb.

**Anixter No.** 231473  **Vendor No.** PBM30  **Description** 30 W contractor series amplifier

### Professional Series 40 W Max. P.A. Amplifier

**SPECO TECHNOLOGIES**

The P40A was designed with budget, performance and ease of use in mind. With 1/4 in. microphone and auxiliary inputs located on the front panel, it’s simple enough for novices to use, yet durable enough to meet the sound distribution needs of audio professionals.

**FEATURES**

- Separate bass and treble controls
- Separate volume control for each input
- Compact design with lighted on/off power switch
- Inputs: two microphones, one auxiliary
- Outputs: 8, 27 and 70 V
- Power output: 40 W max.
- Frequency response: 25 Hz-18 kHz±3 dB
- Weight: 9 lb.

**Anixter No.** 369495  **Vendor No.** P40A  **Description** Professional series P.A. amplifier

### 60 W Public Address Mixer Power Amplifier

**SPECO TECHNOLOGIES**

**FEATURES**

- UL Listed
- 60 W rms; AC 120 V
- 50/60 Hz; 50-15 kHz
- Six mic inputs
- Four XLR connectors (1.0 mV/250 ohms)
- One aux input (200 mV 47 K)
- One telephone (0.1-1 V 600 ohm)
- 4/8/16 ohms and 75/25 V line inputs
- Music-on-hold features
- Separate bass and treble controls

**Anixter No.** 373377  **Vendor No.** PMM60A  **Description** Public address mixer power amplifier
# Speco Technologies

## 120 W Public Address Mixer Power Amplifier

**SPECO TECHNOLOGIES**

### Features
- UL Listed
- 120 W rms
- AC 120 V, 50/60 Hz
- 50-15 kHz
- Six mic inputs
- Four XLR connectors (1.0 mV/250 ohms)
- One aux input (200 mV 47 K)
- One telephone (0.1-1 V 600 ohm)
- 4/8/16 ohms and 75/25 V line inputs
- Music-on-hold features
- Separate bass and treble controls

### Supplier Information
- Anixter No.: 421509
- Vendor No.: PMM120A
- Description: Public address mixer power amplifier

## Multisource/Multizone Matrix Distribution P.A. Amplifier

**SPECO TECHNOLOGIES**

### Features
- Simultaneous playback of up to five sources into up to four zones
- Telephone paging function and monitor output for music-on-hold feature
- Microphone 1 priority with VOX mute function
- Intelligent cooling fan
- RoHS-compliant
- Separate controls (gain, bass, treble, volume) and mute for each source
- Separate volume control and LED level indicator per zone
- 19 in. rack-mount design with built-in handles (3U)
- Three XLR 1/4 in. combination inputs with phantom, mic or line level-selection switch; two RCA inputs
- Four sets of 4/8/25 W/70 V outputs
- 40 W rms per zone for 160 W total
- 115 V/60 Hz
- 60 Hz-17 KHz±3 dB

### Supplier Information
- Anixter No.: 394748
- Vendor No.: PL200M
- Description: 160 W 5 x 4 multisource/multizone P.A. amplifier

## 60 W P.A. Amplifier with FM/AM Tuner and CD Player

**SPECO TECHNOLOGIES**

### Features
- Eight-function CD player
- AC 115 V/50 Hz
- FM/AM tuner with presets
- Music-on-hold
- Four mic inputs (1 mV/250 ohms)
- One auxiliary input (200 mV 47 K)
- One telephone input (0.1-1 V 600 ohms)
- Output: 4/8/16 ohms 75/25 V line
- 60 W rms/90 W max.
- Frequency response 60 Hz-15 kHz

### Supplier Information
- Anixter No.: 274157
- Vendor No.: P60FACD
- Description: P.A. amplifier with FM/AM tuner and CD player

## 8 in. Speaker

**SPECO TECHNOLOGIES**

Speco Technologies is proud to offer the most versatile speaker in the market: One speaker, available with 10 mounting styles. Choose from classic round, modern round, classic square, 1 x 2 and 2 x 2 classic ceiling tile speakers - all available with a volume control knob. These new designs are matched with the same high-performance sound quality as their legacy models; for the same economical price.
CLASSIC SQUARE SPEAKER

- An appealing alternative to the classic round style
- 8 in. speaker combination with transformer and mounted grille
- 5 oz. magnet
- 5 W dual 70/25 V transformer (with taps of 5 W, 2.5 W, 1 W, 0.5 W, 0.25 W and 8 ohms)

Anixter No. Vendor No. Description
S11467 G86TG1X1 With transformer
S11469 G86TG1X1C With transformer, volume control

CEILING TILE SPEAKER

- Frequency response: 85-20 kHz
- rms power: 10 W
- Max. power: 15 W
- Impedance: 8 ohm
- Sensitivity: 90 ± 3 dB (1 W/1 M)
- Outer dimensions: 1 ft. W x 2 ft. H x 3.5 in. D

Anixter No. Vendor No. Description
S11471 G86TG1X2 With transformer
S11472 G86TG1X2C With transformer and volume control

CLASSIC CEILING TILE SPEAKER

- Incredibly quick installation eliminates the need for a tile bridge or to cut tiles
- 8 in. speaker combination with transformer and mounted grille
- 5 oz. magnet
- 5 W dual 70/25 V transformer (with taps of 5 W, 2.5 W, 1 W, 0.5 W, 0.25 W and 8 ohms)

Anixter No. Vendor No. Description
S11473 G86TG2X2 With transformer
S11474 G86TG2X2C With transformer and volume control

G86TG2X2 - 8 in. Speaker With Transformer

Speco Technologies is proud to offer the most versatile speaker in the market: One speaker, available with 10 mounting styles. Choose from classic round, modern round, classic square, 1 x 2 ft. and 2 x 2 ft. classic ceiling tile speakers - all available with a volume control knob. These new designs are matched with the same high-performance sound quality as our legacy models; for the same economical price.

FEATURES
- 8 in. speaker combination with transformer and mounted grille
- 5 oz. magnet
- 5 W dual 70/25 V transformer (with taps of 5 W, 2.5 W, 1 W, 0.5 W, 0.25 W and 8 ohms)

Anixter No. Vendor No. Description
S11473 G86TG2X2 With transformer
S11474 G86TG2X2C With transformer and volume control

6.5 in. 70/25 V In-wall Speaker With Backbox

Speco Technologies

Our all-in-one unit comes preassembled with back can and mounted transformer. It features a quick-flip 70 or 25 volt selector switch and an easy-select transformer wattage dial. The eight individual wattage tap settings cover a complete range of uses. The flame-retardant ABS unit also comes with insulated wires, has an attached metal seismic safety loop and built-in easy mount tabs for securing the unit. The MA Series is the ideal, all-purpose value speaker covering a wide range of commercial applications. The furnished 8 ohm tap selector also means the speakers can be kept on-hand for unexpected residential installation needs.

FEATURES
- Frequency response: 50-20 kHz
- Woofer 6.5 in. fiberglass with rubber surround
- Tweeter 1 in. titanium, pivoting
- Sensitivity: 89 ± 3 dB
- Impedance: 8 ohm

Continued on next page > >
Sound, Paging and Public Address

Speco Technologies

(continued) 6.5 in. 70/25 V In-wall Speaker With Backbox

- rms power: 40 W
- Max. power: 80 W
- Transformer selectable 70/25 V (40 W, 30 W, 15 W, 7.5 W, 5 W, 2.5 W, 1 W, 0.5 W and 8 ohm)
- Minimum mounting depth: 4.13 in.
- Mounting dimensions: 7.5 in. W x 10.75 in. H
- Dimensions: 8.63 in. W x 12 in. H x 4.25 in. D
- Weight: 5.5 lb.

Anixter No. Vendor No. Description
511475 SP6MANT In-wall speaker with backbox

4 in. Indoor Corner-mount Speakers

SPECO TECHNOLOGIES

Speco Technologies' new corner-mount series speakers are some of the most versatile speakers on the market. This modular concept allows you to mount a single speaker in the corner of a room, two speakers on the wall of a room, three speakers around a corner, and four speakers together for complete, 360-degree sound dispersion.

FEATURES

- 4 in. paper cone woofer with rubber edge, 1 in. dual-cone Mylar tweeter
- Frequency response: 175-20 kHz
- rms power: 15 W
- Max. power: 30 W
- Sensitivity: 86±3 dB (1 W/1 M)
- Impedance: 8 ohm
- Transformer: selectable 70/25 V (0.75 W, 1.5 W, 3 W, 6 W and 8 ohm)
- Dimensions: 5.5 in. back to front along each axis, 7.5 in. across each side
- Weight: 2.1 lb.
- Mounting hardware for mounting one to three speakers together are included
- Optional pendant mount kit: CMPNDKIT

Anixter No. Vendor No. Description
511476 SMSM411B6 White
511477 SMSM411W6 Black

Sloped-front Wall Baffle Speaker

SPECO TECHNOLOGIES

FEATURES

- WB86T - sold individually
- Solid wood construction, fully enclosed
- 8 in. 5 oz. dual-cone speaker
- Black cloth grille
- 70/25 V selectable transformer
- Push terminal speaker connection
- Lifetime warranty
- Frequency response: 85-20 kHz
- rms power: 10 W
- Max. power: 16 W
- Sensitivity: 93±3 dB
- Impedance: 8 ohm
- Transformer: 70/25 V
- Transformer settings: 10 W, 5 W, 2.5 W, 1.25 W, 0.625 W and 8 ohm
- Dimensions: 10 in. W x 10 in. H x 5.43 in. D (top)/3.19 in. D (bottom)

Anixter No. Vendor No. Description
511478 WB86T Sloped-front wall baffle speaker

10 watt Amplified Deluxe Professional Communications Speaker

SPECO TECHNOLOGIES

FEATURES

- Swivel bracket for all angles
- ABS plastic enclosure
- Voltage: 12 V DC input
- Impedance: 4-8 ohm
- 10 W amplified power
- 4 in. with soft padded grille
- Complete with 10 ft. cord and standard 3.5 mm miniplug
- Dimensions: 5.5 in. W x 4.5 in. H x 2.5 in. D

Anixter No. Vendor No. Description
352533 AES4 Amplified deluxe professional communications speaker
### Series 25 Audio Speakers

**SPECO TECHNOLOGIES**

Manufactured from durable and quality components, Speco Technologies’ Series 25 Audio Speaker line provides exceptional value. Enjoy the premium performance of full-range sound in your listening environment for countless years to come. The in-wall enclosed speaker systems include polypropylene woofers, silk swivel dome tweeter, 8 ohms, 87-89 dB sensitivity and EZ-mount tabs for easy installation.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>320513</td>
<td>SP525C</td>
<td>5.25 in. speaker system, 30 W rms - 60 W max.</td>
</tr>
<tr>
<td>320514</td>
<td>SP625C</td>
<td>6.5 in. speaker system, 40 W rms - 80 W max.</td>
</tr>
</tbody>
</table>

### Speakers

**SPECO TECHNOLOGIES**

8 in. speaker combination with 70/25 V transformer and grille.

**FEATURES**

- 10 W maximum power
- G86TG, 50-15 kHz frequency response
- G86TCG, 85-15 kHz frequency response
- 8 ohms impedance
- 5 W dual 70/25 V transformer
- 5, 2.5, 1, 0.5, 0.25 W taps
- 6 oz. magnet
- 8 in. dual cone woofer
- 3.25 in. speaker depth
- 12 in. grille diameter
- Sold individually

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>231477</td>
<td>G86TG</td>
<td>Speaker/grille combo</td>
</tr>
<tr>
<td>231476</td>
<td>G86TCG</td>
<td>Speaker/grille combo, volume control</td>
</tr>
</tbody>
</table>

### All-Weather Elite Series 4 in. Speakers

**SPECO TECHNOLOGIES**

Speco’s All-Weather Elite (AWE) speakers offer great sound in a unique, yet ultra-stylish, design. The sound quality and appearance of these speakers make them invaluable for use in both indoor (such as bars, restaurants, schools, retail, etc.) and outdoor applications (such as homes, restaurants, schools, etc.).

**FEATURES**

- Woofer 4 in. mica/polypropylene cone
- 0.75 in. silk dome tweeter
- Frequency: 75 Hz-20 kHz
- Sensitivity: 84 dB 1 W/1 m
- Wattage: 25 W rms/40 W maximum power
- Dimensions: 9.5 in. H x 6 in. W x 6.5 in. D
- Weight: SP4AWE/W: 4.85 lb., SP4AWET/W: 5.5 lb.
- Impedance: 8 ohm
- Transformer: 70/25 V (20 W, 15 W, 10 W and 5 W)

**AWE SERIES 4 IN. SPEAKERS WITH TRANSFORMER**

Sold individually.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>450177</td>
<td>SP4AWET</td>
<td>Black</td>
</tr>
<tr>
<td>450178</td>
<td>SP4AWETW</td>
<td>White</td>
</tr>
</tbody>
</table>

**AWE SERIES 4 IN. SPEAKERS**

Sold in pairs.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>450179</td>
<td>SP4AWE</td>
<td>Black</td>
</tr>
<tr>
<td>450180</td>
<td>SP4AWEW</td>
<td>White</td>
</tr>
</tbody>
</table>
Speco Technologies

6.5 in. AWX Series All-weather Extreme Indoor/Outdoor Speakers

FEATURES
- 6.5 in. indoor/outdoor speakers with transformer
- 6.5 in. polypropylene woofer with rubber surround
- 1 in. silk dome tweeter
- 60 Hz-20 kHz
- 90 dB 1 W/1 m
- 50 W rms/100 W max.
- 11 in. H x 7 in. W x 6 3/4 in. D
- 6.6 lb.
- 8 ohms
- 70 V, 50 W, 25 W, 6 W, 2 W and 8 ohm
- Sold in pairs

AWX SERIES 6.5 IN. SPEAKERS WITH TRANSFORMER

Anixter No. Vendor No. Description
394743 SP6AWXT Black
394742 SP6AWXTW White

AWX SERIES 6.5 IN. SPEAKERS

Anixter No. Vendor No. Description
399146 SP6AWX Black
399147 SP6AWXW White

Weatherproof 6 in. Aluminum P.A. Speaker

FEATURES
- Frequency response: 250-15 kHz
- Power rating: 10 W nom./15 W max.
- Sensitivity: 105 dB (1 W/1 M)
- Impedance: 8 ohm
- Dimensions: 6 in. (dia.) x 6 in. L

AWX SERIES 6 IN. PA SPEAKER WITH TRANSFORMER

Anixter No. Vendor No. Description
511482 SPC10 Weatherproof aluminum P.A. speaker

5.25 in. AWX Series All-weather Extreme Indoor/Outdoor Speakers

FEATURES
- 5.25 in. indoor/outdoor speakers with transformer
- 5.25 in. polypropylene woofer with rubber surround
- 0.75 in. silk dome tweeter
- 75 Hz-20 kHz
- 88 dB 1 W/1 m
- 40 W rms/80 W max.
- 9 in. H x 6 in. W x 6 1/4 in. D
- 5.3 lb.
- 8 ohms
- 70 V 40 W, 20 W, 10 W, 5 W, 2.5 W and 8 ohm

AWX SERIES 5.25 IN. SPEAKERS WITH TRANSFORMER

Anixter No. Vendor No. Description
394741 SP5AWXT Black
394739 SP5AWXTW White

AWX SERIES 5.25 IN. SPEAKERS

Anixter No. Vendor No. Description
399142 SP5AWXW White
399143 SP5AWX Black
Speco Technologies

**Weatherproof P.A. Speaker 70/25 V Line Transformer**

**Features**
- 250-15 kHz frequency response
- 15 W nominal/30 W maximum power rating
- Taps on 25 V line at 15 W/42 ohms, 10 W/63 ohms, 3.7 W/170 ohms
- Taps on 70 V line at 15 W/33 ohms, 10 W/500 ohms, 5 W/1k ohms, 3 W/1.3 ohms, 1 W/2.3k ohms
- 120 dB/4 V/1 m sensitivity
- 333 ohms impedance
- 8.5 in. D x 9 in. L

Anixter No. 258654 Vendor No. SP150ST Description Weatherproof P.A. speaker

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**8 in. 70/25 V Ceiling-tile Speaker**

Speco Technologies’ SPCT8T ceiling-tile speaker is the perfect solution for commercial sound applications that require speed of installation, aesthetics and superior performance. Installation is quick and easy. Just connect the speaker wire to the unit's push-button terminals. A smooth vent-façade design blends seamlessly within a commercial drop-ceiling environment and provides an ample gateway for wide sound dispersion. Design is matched with high performance via a flat frequency curve and wide response range.

**Features**
- 8 in. polypropylene woofer with rubber surround
- 3/4 in. Mylar dome tweeter
- Frequency response: 50 Hz-20 kHz
- Max. power: 30 W rms/60 W rms
- Sensitivity: 90±3 dB
- Impedance: 8 ohms
- Selector switch 70/25 V transformer settings 20, 10, 5, 2.5, 1.25 and 8 ohms
- Dimensions: 23 in. H x 23 in. W x 6 in. D
- Weight: 7.1 lb.
- Accessories: 2 ft. drop-ceiling crossbar rail included

Anixter No. 450176 Vendor No. SPCT8T Description Ceiling-tile speaker

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**30 W P.A. Speaker**

**Features**
- 30 W max. power
- 250-16 kHz frequency response
- 8 ohms impedance
- 70/25 V transformer
- 30, 15, 10, 5, 3, 1 W taps for 70 V
- 30, 15, 10, 3.7, 1.9, 0.6, 0.4, 0.1 W taps for 25 V
- 120 dB sensitivity (4 V/1 m)
- 11 in. H x 8 in. W x 10.25 in. D
- Aluminum housing
- Mounting bracket included

Anixter No. 240601 Vendor No. SP30RT Description 30 W speaker

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11 in. x 8 in. weatherproof P.A. speaker with transformer.
Speco Technologies' Custom Builder Series ceiling speakers are the perfect combination of performance and value. Designed to continue Speco Technologies' rich history of audio innovation, the Custom Builder Series speakers are created for today's listening environments and lifestyles. Whether using these speakers in the home or office, these speakers will provide performance, reliability and enjoyment for years to come.

FEATURES
- Compression-molded, mineral-filled polymer cone woofers with rubber surround
- Impedance: 8 ohms
- Integrated C-clamp mounting system
- Powder-coated metal grill may be painted to match any décor
- Sold in pairs

Anixter No. Vendor No. Description
369481 SPCBC5 5.25 in., 50 W max. power, 70-18 kHz
369483 SPCBC6 6.5 in., 60 W max. power, 63-21 kHz
369487 SPCBC8 8 in., 8 W max. power, 45-21 kHz

6.5 in., 8 in. Two-way In-ceiling Enclosed Speaker Systems

8 in. wall baffles with transformer and level control.

FEATURES
- Plastic enclosure backbox offers extra component protection and consistent sound quality
- Polypropylene cone woofer/Mylar tweeter, 35 W rms/100 W max.

SP-6ECS 6.5 IN.
Sensitivity, 90 dB (1 W/1 m); frequency range, 65-20 kHz; 9.5 in. dia. x 5.5 in. deep; mounting-hole size, 8.06 in.

Anixter No. Vendor No. Description
274118 SP6ECS 6.5 in. two-way in-ceiling enclosed speaker systems

70/25 V/8 ohm Hanging Pendant Speaker

FEATURES
- 5.25 in. polypropylene woofer with rubber surround
- 1/2 in. Mylar tweeter
- 95 Hz to 20 KHz
- 30 W rms/60 W max.
- 92±2 dB
- 70/25 V selector switch
- Transformer settings: 40 W, 30 W, 15 W, 7.5 W, 5 W, 2.5 W, 1 W, 0.5 W, 0.25 W and 8 ohm
- 8.25 in. W x 5.5 in. H
- 5 lb.
- Hanging apparatus included (may differ from one shown above)

Anixter No. Vendor No. Description
394747 SP30PT White
396781 SP30PTB Black

Commercial Speaker System Multi-Application (MA) Series

Speco's all-in-one unit, preassembled with a back can and mounted transformer, features a quick-flip 70/25 V selector switch and an easy-select transformer-wattage dial with the choice of eight or nine individual wattage tap settings covering your complete range of needs. This flame-retardant, ABS unit also comes with insulated

Anixter No. Vendor No. Description
274147 SP8ECS 8 in. two-way in-ceiling enclosed speaker systems
Speco Technologies’ PAP160A is a high-powered, portable, self-amplified sound system and is the ideal solution for classrooms, training rooms, auditoriums, houses of worship, traveling presenters and much more. The unit contains a 12 in. woofer and 1.4 in. tweeter with a built-in 380 W amplifier.

**Features**
- Multifunction USB MP3 player
- iPod dock designed for older-model iPods will play music from the iPhone and iPhone but will not charge those units
- RCA and XLR auxiliary line-in
- Auxiliary line-out
- XLR and 1/4 in. microphone input
- Bass and treble controls
- Woofer: 12 in. polypropylene
- Tweeter: 1.4 in. titanium
- Frequency response: 40 Hz-17 KHz
- Sensitivity: 96±2 dB (1 W/1 m)
- rms power: 160 W
- Max. power: 380 W
- Voltage: 110 V AC 50-60 Hz
- Dimensions: 17.5 in. W x 14 in. D x 25.2 in. H
- Weight: 35 lb. with carrying handle

Anixter No. | Vendor No. | Description
---|---|---
450313 | PAP160A | Portable speaker

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Anixter No. | Vendor No. | Description
---|---|---
305138 | SP-5MA/T | 5.25 in. polypropylene woofer with rubber surround, 1 in. Mylar tweeter, 57 Hz-20 kHz, 30 W rms/60 W max., 70/25 V commercial speaker

Anixter No. | Vendor No. | Description
---|---|---
305139 | SP-6MA/T | 6.5 in. polypropylene woofer with rubber surround, 1 in. Mylar tweeter, 34 Hz-20 kHz, 40 W rms/80 W max., 70/25 V commercial speaker

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Anixter No. | Vendor No. | Description
---|---|---
450182 | WAT10 | Silver wall-plate volume control with black knob, 10 W 70/25 V

Anixter No. | Vendor No. | Description
---|---|---
249220 | WAT10W | White wall-plate volume control with white knob, 10 W 70/25 V

Anixter No. | Vendor No. | Description
---|---|---
450183 | WAT50 | Silver wall-plate volume control with black knob, 50 W 70/25 V

Anixter No. | Vendor No. | Description
---|---|---
450184 | WAT50W | White wall-plate volume control with white knob, 50 W 70/25 V

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Anixter No. | Vendor No. | Description
---|---|---
240599 | PZ5 | Zone-paging adapter; one to five zones
Speco Technologies’ UHF 700 frequency-selectable single channel receiver, handheld and lapel microphone transmitters allow the user to select and match desired frequencies on each unit. This eliminates the need to maintain high inventory levels of similar units with locked frequencies. They provide clear, interference-free channels of communication for roaming distances in excess of 150 feet.

**FEATURES**
- Carrier frequency range: UHF band 540-570 MHz
- RF power output: 10 mW (max.)
- Oscillator: PLL synthesized
- Frequency stability: ±0.005%
- Maximum deviation: ±48 kHz
- Spurious emission: More than 60 dB below carrier frequency
- T.H.D.: more than 1% (at 1 kHz)
- Microphone cartridge: (handheld) unidirectional dynamic or unidirectional electret condenser unit. (Lavalier) unidirectional electret condenser unit
- Operating voltage: DC 1.5 V x 2 AA size dry or rechargeable batteries
- Current consumption: 120 mA (max.)

**UHF 700 Frequency-selectable Single-channel Handheld or Lapel Microphone**

Anixter No. 511480
Vendor No. MUHFHH
Description: Handheld microphone

Anixter No. 511481
Vendor No. MUHFLP
Description: Lapel microphone

**Anixter No.** 320522
**Vendor No.** MCDT300A
Description: Professional tabletop conference microphone
TOA 700 Series Mixer/Amplifiers

TOA ELECTRONICS INC

TOA 700 Series Mixer/Amplifiers offer versatile features and outstanding value for installed sound applications such as boardrooms, educational facilities, houses of worship and many others.

FEATURES
- 9-channel integrated mixer/amplifiers for paging and music distribution
- Six switchable mic/line and two auxiliary inputs
- 900 Series module slot
- Auto-mute priority function
- 25 V, 70.7 V and 4-ohms speaker outputs
- Five-year warranty

Anixter No. Vendor No. Description
305506 A-706 60 W mixer/amplifier, 9-channel
305507 A-712 120 W mixer/amplifier, 9-channel
305508 A-724 240 W mixer/amplifier, 9-channel
305509 MB-25B Rack-mount kit, 700 and 900 Series

TOA BG-M Series Modular Mixer/Amplifiers

TOA ELECTRONICS INC

TOA BG-M Series Mixer/Amplifiers are ideal for a wide variety of installed sound applications such as paging, music distribution and messaging-on-hold. Engineered with unmatched TOA quality and reliability, the versatile BG-M Series is loaded with useful features and is an essential tool for any sound-system designer or contractor.

FEATURES
- Compact 5-channel mixer/amplifiers
- Microphone, telephone, program and auxiliary inputs
- 900 Series module slot
- Auto-mute priority function

Anixter No. Vendor No. Description
420665 BG-235 35 W three-input mixer/amplifier
426491 BG-220 20 W three-input mixer/amplifier
305518 MB-25B-BK Rack-mount kit (one BG-235, BG-220, BA-235 or BA-2620)
305519 MB-25B-J Rack-mount kit (two BG-235, BG-220, BA-235 or BA-2620)
305520 WB-900B Wall-mount kit (one BG-235, BG-220, BA-235 or BA-2620)
BA Series Mixer/Amplifiers

TOA BA-200 Series Mixer/Amplifiers are ideal for a wide variety of installed sound applications such as paging, music distribution and messaging-on-hold. Engineered with proven TOA quality and reliability, the BG Series is simple to install and operate, saving you time and money.

FEATURES
- Compact 3-channel mixer/amplifiers
- Line-input level selectable between 0 dB and +4 dB
- Program and auxiliary inputs
- Auto-mute priority function
- Music-on-hold output
- 25 V, 70.7 V and 4-ohms speaker outputs
- Five-year warranty

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>426493</td>
<td>BA-235</td>
<td>20 W three-input mixer/amplifier</td>
</tr>
<tr>
<td>426494</td>
<td>BA-260</td>
<td>60 W line input amplifier</td>
</tr>
<tr>
<td>305518</td>
<td>MB-25B-BK</td>
<td>Rack-mount kit (one BG-235, BG-220, BA-235 or BA-2620)</td>
</tr>
<tr>
<td>305519</td>
<td>MB-25B-I</td>
<td>Rack-mount kit (two BG-235, BG-220, BA-235 or BA-260)</td>
</tr>
<tr>
<td>305520</td>
<td>WB-900B</td>
<td>Wall-mount kit (one BG-235, BG-220, BA-235 or BA-2620)</td>
</tr>
</tbody>
</table>

900 Series Modular Mixer/Amplifiers

TOA 900 Series Modular Mixer/Amplifiers and Power Amplifiers are widely recognized as the industry standard in installed sound system amplification. When reliability and performance are critical, such as in paging and music distribution for airport, hospital and industrial sound systems, you can count on the TOA 900 Series to perform consistently, day-in and day-out.

900 Series Power Amplifiers

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>305521</td>
<td>P-903MK2</td>
<td>30 W power amplifier</td>
</tr>
<tr>
<td>305522</td>
<td>P-906MK2</td>
<td>60 W power amplifier</td>
</tr>
<tr>
<td>305524</td>
<td>P-912MK2</td>
<td>120 W power amplifier</td>
</tr>
<tr>
<td>305509</td>
<td>MB-25B</td>
<td>Rack-mount kit, 700 and 900 Series</td>
</tr>
<tr>
<td>305525</td>
<td>P-906MK2</td>
<td>60 W power amplifier</td>
</tr>
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<td>305526</td>
<td>P-912MK2</td>
<td>120 W power amplifier</td>
</tr>
<tr>
<td>306313</td>
<td>P-924MK2</td>
<td>240 W power amplifier</td>
</tr>
<tr>
<td>305509</td>
<td>MB-25B</td>
<td>Rack-mount kit, 700 and 900 Series</td>
</tr>
</tbody>
</table>
The TOA 9000 Series Digital Matrix Mixer/Amplifiers redefine the conventional mixer/amplifier category by combining a modular matrix mixer, digital signal processor (DSP) and amplifiers in a compact, 2-rack space package. The versatile new series is ideal for multizone paging, music distribution and room-combining applications. 9000 Series models include dual- and single-channel amplifiers with high- or low-impedance outputs plus a matrix mixer-only version. All models include eight module ports allowing designers to easily configure custom systems with up to eight mic/line inputs and eight outputs. Each 9000 Series chassis has two channels of built-in digital signal processing (DSP) with 10-band parametric EQ, compressor, eight-level ducking and more. Input and output modules provide additional DSP. Versatile features include telephone zone paging, automatic microphone mixing and ambient-noise control. The 9000 Series products are UL and C(UL) Listed and backed with TOA's five-year product warranty.

**FEATURES**

- 24-bit A/D and D/A on all inputs and outputs for pristine audio quality
- Faster load time of user templates, plus single preset up/download from PC
- EQ presets for most popular TOA speakers on all output channels
- Five-year warranty

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>320179</td>
<td>305529</td>
<td>ML-11T Switchable mic/line input with mute send/receive</td>
</tr>
<tr>
<td>305530</td>
<td>M-11S</td>
<td>Microphone input with mute-receive</td>
</tr>
<tr>
<td>305531</td>
<td>M-21S</td>
<td>Microphone input with remote volume control</td>
</tr>
<tr>
<td>305532</td>
<td>B-01S</td>
<td>Balanced line input</td>
</tr>
<tr>
<td>305533</td>
<td>B-11S</td>
<td>Balanced line input with mute-receive</td>
</tr>
<tr>
<td>305534</td>
<td>B-21S</td>
<td>Balanced line input with remote volume control</td>
</tr>
<tr>
<td>305535</td>
<td>B-41S</td>
<td>Balanced line input with mute-send</td>
</tr>
<tr>
<td>305537</td>
<td>L-01S</td>
<td>600-ohms line matching input</td>
</tr>
<tr>
<td>305538</td>
<td>L-41S</td>
<td>600-ohms line matching input with mute-send</td>
</tr>
<tr>
<td>305539</td>
<td>U-03R</td>
<td>Unbalanced line input with high/low cut filters</td>
</tr>
<tr>
<td>305540</td>
<td>U-13R</td>
<td>Unbalanced line input with high/low cut filters and mute-receive</td>
</tr>
<tr>
<td>305541</td>
<td>U-14R</td>
<td>Dual auxiliary input with auto-mute and AGC</td>
</tr>
<tr>
<td>305542</td>
<td>U-21S</td>
<td>Unbalanced line input with remote volume control</td>
</tr>
<tr>
<td>305543</td>
<td>S-02S</td>
<td>Buzzer/yelp tone</td>
</tr>
<tr>
<td>305544</td>
<td>S-20S</td>
<td>Digital message repeater tone module with USB</td>
</tr>
<tr>
<td>305545</td>
<td>T-01S</td>
<td>Balanced line output</td>
</tr>
<tr>
<td>305547</td>
<td>T-12S</td>
<td>Unbalanced line input with music-on-hold output and input mute-receive</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>394817</td>
<td>A-9060SM2</td>
<td>Modular mixer, DSP, 1 x 60 W (25/70 V, 4/8 ohms), rack-kit included</td>
</tr>
<tr>
<td>394818</td>
<td>A-9120SM2</td>
<td>Modular mixer, DSP, 1 x 120 W (25/70 V, 4/8 ohms), rack-kit included</td>
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<tr>
<td>394820</td>
<td>A-9240HSM2</td>
<td>Modular mixer, DSP, 1 x 240 W (70 V), rack-kit included</td>
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<tr>
<td>394811</td>
<td>A-9060DHHM2</td>
<td>Modular mixer/amplifier, DSP, 2 x 60 W (70 V), rack-kit included</td>
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<tr>
<td>394814</td>
<td>A-9120DHHM2</td>
<td>Modular mixer/amplifier, DSP, 2 x 120 W (70 V), rack-kit included</td>
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<tr>
<td>394816</td>
<td>M-9000M2</td>
<td>Modular mixer, 8 x 4, DSP, rack-kit included</td>
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<tr>
<td>320183</td>
<td>C-001T</td>
<td>Control I/O module, 8 control in, 8 logic out, removable terminal block</td>
</tr>
<tr>
<td>320184</td>
<td>D-001T</td>
<td>Dual mic/line input module with DSP, removable terminal block</td>
</tr>
<tr>
<td>320185</td>
<td>T-001T</td>
<td>Dual line output module with DSP, removable terminal block</td>
</tr>
<tr>
<td>320186</td>
<td>ZP-001T</td>
<td>Telephone DTMF eight-zone paging module</td>
</tr>
<tr>
<td>340945</td>
<td>AN-001T</td>
<td>Ambient noise controller module, dual input</td>
</tr>
<tr>
<td>340946</td>
<td>AN-9001</td>
<td>Ambient noise microphone, ceiling/wall mount</td>
</tr>
<tr>
<td>340947</td>
<td>ZM-9001</td>
<td>Remote switch panel</td>
</tr>
<tr>
<td>340948</td>
<td>ZM-9002</td>
<td>Remote switch/volume panel</td>
</tr>
<tr>
<td>397545</td>
<td>D-001R</td>
<td>Dual line input with DSP</td>
</tr>
<tr>
<td>397546</td>
<td>RC001T</td>
<td>RS-485 control module</td>
</tr>
<tr>
<td>397547</td>
<td>ZM-9003</td>
<td>Remote panel</td>
</tr>
<tr>
<td>394822</td>
<td>ZM-9011</td>
<td>Assignable remote button panel</td>
</tr>
<tr>
<td>394823</td>
<td>ZM-9012</td>
<td>Assignable volume controller</td>
</tr>
<tr>
<td>394824</td>
<td>ZM-9013</td>
<td>Assignable remote button panel</td>
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<tr>
<td>394825</td>
<td>ZM-9014</td>
<td>Assignable remote button panel with volume control</td>
</tr>
<tr>
<td>340949</td>
<td>SS-9001</td>
<td>Four-zone speaker line selector</td>
</tr>
<tr>
<td>305581</td>
<td>AD-246</td>
<td>Power supply for NX-100, NX-100S</td>
</tr>
</tbody>
</table>
The D-2000 is a modular, DSP-based mixing system, which may be configured for up to 32 inputs or 32 outputs (or any combination), plus offers frame cascade expansion for up to 128 channels of input/output using a CobraNet multichannel interface. The D-2000 can be used in multiples in a single or various locations and controlled via PC over Ethernet, using the GUI software. The D-2000 features a full complement of input/output processing, including multiband parametric filters, gate/compression, feedback suppression, ducking, auto-mixing and delay. The D-2000 Series is backed by TOA's five-year product warranty.

**FEATURES**
- Modular design for a wide variety of applications. Configure for precise application needs.
- 24-bus architecture per frame (including 16 shared CobraNet buses)
- Up to a maximum 128-input/output system configuration via CobraNet (when four D-2008SP units are connected). Scalable for large-configuration projects. A D-2008SP frame may be loaded with all inputs or all outputs when using multiple units, depending on configuration
- DSP-based, with auto-mixing and auto-adjustable feedback suppressor (x4), ducker (eight levels), NOM attenuation, parametric equalizer/filter (input x6, output x24), compressor/auto-leveler, and delay
- 32 preset memories for easy recall of settings for live performance, room combining etc.
- GUI software allows "draggable" control for EQ filters, compressor/gate and faders for single step, real-time adjustment using PC
- Input and output metering on front panel and GUI software, allows local and remote level monitoring
- Eight module slots in each frame (four channels per module), plus one CobraNet module
- D-901 modules may be used in the D-2008SP mainframe. Please see D-901 for more details
- Up to 32 input or output (i.e.-16 x 16, 24 x 8, 28 x 4, 20 x 12, etc.)
- Five-year warranty

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The M-633D is a compact, easy-to-use digital audio mixer designed for live and A/V applications. The M-633D’s simple analog interface makes setup and operation fast and efficient. With powerful, automatic on-board DSP, the M-633D eliminates problem acoustics and feedback that optimizes sound quality for any venue. Multiple outputs provide flexibility for operation in several zones and allows recording of main mix signal. Its complement of inputs makes it ideal for live performance, conferences and banquet events utilizing microphones and music playback or other auxiliary audio sources. The M-633D is backed by TOA’s five-year product warranty.

**FEATURES**
- Pristine digital audio quality with 24 bit 48 kHz A/D and D/A
- 1U rack size digital mixer with 12 inputs and six outputs
- Easy operation: analog user interface, no PC setting is required
- No more feedback: Intelligent Feedback Suppressor (FBS) built in
- Easy-to-use Automatic Resonance Control (ARC) function built in
- Automatic Clip-Guard, prevents input-clipping distortion
- Auto-muting of line input sources via priority mic inputs
- Output zone assignments easily accessed from front panel
- Supplied security cover prevents unauthorized access to front panel controls
- Five-year warranty

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TOA NX-100 Network Audio is an easy-to-use solution for transporting mic or line-level audio signals over IP-based local and wide-area networks (LAN/WAN), as well as the Internet. Applications include wide-area paging, background music or messaging audio distribution for airports, convention centers, railway stations and transit systems.

**FEATURES**
- Converts analog audio (mic or line) to standard IP format for transmission over existing local or wide-area networks (LAN/WAN) including the Internet
- Bi-directional audio transport plus contact closures and serial RS-232 (NX-100S: audio and contact closure only)
Sound, Paging and Public Address
TOA Electronics Inc.

• Balanced mic/line input and balanced line output
• Built-in Ethernet port (10/100BASE-T)
• Control inputs can initiate and terminate audio transmissions without the need for dedicated PC

The new TS Series Infrared Conference Systems provides secure infrared wireless communications for conferences and boardrooms. Options include the deluxe TS-900 system featuring up to 96 chairperson/delegate stations, three level voting and simultaneous translation audio channel. The economy TS-800 system supports up to 64 chairperson/delegate stations. All stations are powered with a rechargeable lithium-ion battery or AC power supply.

**FEATURES**
- Secure, wireless infrared communication assures freedom from eavesdropping and interference
- Up to 96 chairperson/delegate stations each powered with rechargeable lithium-ion battery (10-hour operation) or AC power supply
- Convenient voting function (Yes, No, Abstain) (TS-900)
- Simultaneous translation channel (TS-900)
- External source inputs and P.A./record outputs
- Five-year warranty

**Anixter No.**
**Vendor No.**
**Description**
---
320204  TS-800UL  System controller for up to (64) TS-801/802
320205  TS-801  Infrared chairperson station for TS-800UL
320206  TS-802  Infrared delegate station for TS-800UL
320207  TS-900UL  System controller with voting and simultaneous interpretation channel, for up to (96) TS-901/902
320208  TS-901  Infrared chairperson station for TS-900UL
320209  TS-902  Infrared delegate station for TS-900UL
320210  TS-903  Standard gooseneck microphone (14.5 in.) for TS-801, TS-802, TS-901, TS-902
320211  TS-904  Long gooseneck microphone (20.4 in.) for TS-801, TS-802, TS-901, TS-902
320212  TS-905  Infrared transceiver for TS-800UL or TS-900UL
320213  BC-900UL  Battery charger for up to eight BP-900UL
320214  BP-900UL  Lithium-ion battery for TS-801, TS-802, TS-901, TS-902; requires BC-900UL charger
320215  YW-1022Y  Infrared antenna distributor for up to two TS-905 infrared transceivers
320216  MB-TS900  Rack-mount kit for (1) TS-800UL or TS-900UL (4U)
320217  MB-15B-BK  Rack-mount kit (one NX-100 or NX-100S)
320218  MB-15B-J  Rack-mount kit (two NX-100 or NX-100S)
320219  TS-903  Long gooseneck microphone (20.4 in.) for TS-801, TS-802, TS-901, TS-902
320220  TS-904  Long gooseneck microphone (14.5 in.) for TS-801, TS-802, TS-901, TS-902
320221  TS-905  Infrared transceiver for TS-800UL or TS-900UL
320222  D-921E  Input module, two mic/line inputs, balanced, 24-bit A/D, Phoenix-type connectors
320223  D-921F  Input module, two mic/line inputs, balanced, 24-bit A/D, XLR-F connectors
320224  D-901  Modular digital mixer, up to 12 mic/line inputs and eight line outputs, feedback suppression, auto-mixing, EQ (3U)
320225  D-901  Modular digital mixer, up to 12 mic/line inputs and eight line outputs, feedback suppression, auto-mixing, EQ (3U)
320226  D-971M  Output module, four balanced line outputs, Phoenix-type connectors
320227  D-901  Remote control module, programmable memory selection, volume up/down, eight control inputs and outputs
320228  D-971E  Output module, four balanced line outputs, Phoenix-type connectors
320229  D-981  Remote control module, programmable memory selection, volume up/down, eight control inputs and outputs
320230  D-981  Remote control module, programmable memory selection, volume up/down, eight control inputs and outputs
320231  MB-TS900  Rack-mount kit for (1) TS-800UL or TS-900UL (4U)

The D-901 digital mixer supports up to 12 mic/line inputs and eight line outputs with flexible RS-232 or contact-closure remote control. Audio processing tools include auto-mixing, feedback suppression, multiband parametric filters, compressors, limiters, noise gates, crossovers, delays and more. Full input-to-output matrixing allows users to store and recall any input-to-output combination for multizone or room-combining applications. The unit can be programmed via the front panel display or configured off-site with PC control software for later uploading.

**FEATURES**
- Rack-mount modular digital mixer - up to 12 mic/line inputs and eight line outputs
- Intuitive operation via front panel display and controls
- Auto-mixing allows “set-and-forget” operation
- Feedback suppression automatically attenuates up to 12 problem frequencies
- Essential audio processing tools
- Built-in rack-mount brackets (3RU)
- Five-year warranty

**Anixter No.**
**Vendor No.**
**Description**
---
320204  TS-800UL  System controller for up to (64) TS-801/802
320205  TS-801  Infrared chairperson station for TS-800UL
320206  TS-802  Infrared delegate station for TS-800UL
320207  TS-900UL  System controller with voting and simultaneous interpretation channel, for up to (96) TS-901/902
320208  TS-901  Infrared chairperson station for TS-900UL
320209  TS-902  Infrared delegate station for TS-900UL
320210  TS-903  Standard gooseneck microphone (14.5 in.) for TS-801, TS-802, TS-901, TS-902
320211  TS-904  Long gooseneck microphone (20.4 in.) for TS-801, TS-802, TS-901, TS-902
320212  TS-905  Infrared transceiver for TS-800UL or TS-900UL
320213  BC-900UL  Battery charger for up to eight BP-900UL
320214  BP-900UL  Lithium-ion battery for TS-801, TS-802, TS-901, TS-902; requires BC-900UL charger
320215  YW-1022Y  Infrared antenna distributor for up to two TS-905 infrared transceivers
320216  MB-TS900  Rack-mount kit for (1) TS-800UL or TS-900UL (4U)
The DT-930 AM/FM Tuner is a frequency-synthesized AM/FM stereo tuner designed to provide broadcast program material in both background and foreground music systems. Features include a large digital LCD display, 40 memory presets, and automatic preset tuning.

FEATURES
- High-quality, commercial AM/FM tuner
- Assignable presets for up to 40 AM/FM stations
- Multifunction LCD digital display
- Separate stereo (dual RCA) and mono (RCA and screw terminal) outputs
- Includes FM and AM antennas plus stereo RCA cable (40 in.)
- Five-year warranty

Anixter No. Vendor No. Description
320231 DT-930 AM/FM tuner
320235 MB-15B Rack-mount kit for DT-930

The new ER Series megaphones include 14 lightweight and powerful handheld and shoulder-type models. Features include sound coverage to up to 1/2 mi., extended battery life and a variety of features. Customers can choose options that include a built-in or a detachable microphone, siren or whistle tone, auxiliary input, optional wireless microphone and external 12 V DC. All of the units in the new ER Series are backed by a five-year product warranty and include an anti-bacterial treatment which eliminates germs within twenty-four hours.

FEATURES
- IP-X5-rated models for outdoor and marine applications (ER-1200 Series models)
- Antibacterial treatment for all models (mouthpiece/microphone and handle)
- Long-lasting battery life
- High-durability ABS or ASA resin construction
- Wireless-microphone function (ER-2930W only)
- Five-year warranty

Anixter No. Vendor No. Description
305550 CS-64U 6 W UL Listed wide-range paging speaker
305551 CS-154 15 W wide-range paging speaker
305552 CS-154U 15 W UL Listed wide-range paging speaker
305553 CS-304 30 W wide-range paging speaker
305554 CS-304U 30 W UL Listed wide-range paging speaker
SC Series Paging Horn Speakers

TOA SC Series Paging Horn Speakers provide intelligible voice paging and tone signaling for indoor and outdoor sound system applications. Fully weather resistant for demanding environmental conditions, the SC Series also includes corrosion-resistant stainless steel mounting hardware.

FEATURES

- Weather-resistant
- Controlled dispersion
- High sensitivity: up to 113 dB (1 W/1 m)
- Built-in 25 V/70.7 V transformer ("T" models) with screwdriver-adjustable power taps
- Lightweight, sealed, aluminum enclosure prevents moisture damage
- Stainless-steel mounting bracket
- Five-year warranty

Anixter No. | Vendor No. | Description
--- | --- | ---
305555 | SC-610 | 10 W, 8-ohms paging horn speaker
305556 | SC-610T | 10 W, with transformer paging horn speaker
263379 | SC-615T | 15 W, with transformer paging horn speaker
305557 | SC-615 | 15 W, 8-ohms paging horn speaker
305558 | SC-630 | 30 W, 8-ohms paging horn speaker
305559 | SC-630T | 30 W, with transformer paging horn speaker
305560 | SC-650 | 50 W, 16-ohms paging horn speaker

F Series Ceiling Speakers

TOA F Series Ceiling Speakers are ideal for music and paging applications such as audio/visual, business music or retail sound systems. The lineup consists of six models (UL Listed and compliant models) with features and price points to suit premium-to-economy applications.

FEATURES

- Wide-dispersion, smooth off-axis coverage
- Built-in 25/70.7 V multitap transformer
- Low-impedance mode (8/16 ohms)
- Convenient power tap selector on front baffle
- Integral metal backcan and safety cable (select models)
- Five-year warranty

Anixter No. | Vendor No. | Description
--- | --- | ---
305561 | F-122CU | Full-range processed ceiling speaker (5 in.)
305562 | F-2352C | Coaxial ceiling speaker (5 in.)
305563 | F-2852C | Coaxial ceiling speaker (6.5 in.)
305564 | F-2322C | Full-range ceiling speaker (5 in.)
305565 | F-2352SC | Low-power coaxial ceiling speaker (5 in.)
305566 | F-1522SC | Compact full-range ceiling speaker (4 in.)
305567 | HY-TB1 | Tile rails for F-122CU, F-2322C, F-2352C, F-2352SC and F-2852C
368648 | F-122CU2 | 5 in. full-range, processed ceiling speaker, 30 watts
379339 | F-2352CU2 | 5 in. coaxial ceiling speaker, 30 W, tile bridge included
394294 | F-23322CU2 | 5 in. full-range, 30 W, tile bridge included
394296 | F-285CU2 | 6.5 in. coaxial ceiling speaker, 60 W, tile bridge included
The TOA HX-5 Variable Dispersion Speaker offers a radically different approach to speaker design with four adjustable dispersion angles, 60, 45, 30 and 15 degrees, that you can change in seconds. Features include high-power handling (600 watts continuous), lightweight polypropylene construction, available in black and white, plus speakOn and screw-terminal connectors. The HX-5 can be vertically or horizontally mounted with the built-in bracket or with optional wall, ceiling and stand-mount hardware.

**FEATURES**

- Adjustable dispersion angle to 60, 45, 30 or 15 degrees
- High-power handling: 600 W continuous (200 W, 24 hr. pink noise)
- Lightweight polypropylene construction
- Available in black and white
- Weather-resistant versions also available
- Built-in surface-mount bracket
- Optional wall-, ceiling- and stand-mount hardware
- Five-year warranty

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**Public Address Speakers**

**FEATURES**

- High-sensitivity (91 dB) and wide response (70-20 kHz) from 5 in. coaxial speaker, delivers high-quality sound in a compact design
- Paintable, high-impact resin enclosures and metal grills
- 8 ohm, 70 V and 100 V taps for compatibility with various amplification
- Five-year warranty

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<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
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<tbody>
<tr>
<td>392466</td>
<td>BS-1034</td>
<td>Slim box type, 70.7/100 V transformer (10 W), speaker receptacle included, white</td>
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<tr>
<td>394362</td>
<td>BS-678</td>
<td>Wooden box type, 70.7/100 V transformer (3 W), white, sold in pairs</td>
</tr>
<tr>
<td>403006</td>
<td>BS-680FC</td>
<td>Metal box with fire retardant wiring and thermal base</td>
</tr>
<tr>
<td>394367</td>
<td>BS-1034S</td>
<td>Slim box type, 70.7/100 V transformer (10 W), speaker receptacle included, silver</td>
</tr>
<tr>
<td>394372</td>
<td>PE-304</td>
<td>Pendant type, 70.7/100 V transformer (30 W) and 8 ohms, bracket included, white</td>
</tr>
<tr>
<td>394374</td>
<td>PJ-304</td>
<td>Projection type, 70.7/100 V transformer (30 W) and 8 ohms, swivel bracket included, white</td>
</tr>
</tbody>
</table>
**Slim Line Array Speakers**

**TOA ELECTRONICS INC**

**FEATURES**
- Attractive narrow design (3.31 in.)
- Power-handling capacity: 180 W - 360 W
- Energy efficient and cost effective
- Optional wall- and stand-mount hardware
- Five-year warranty

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>394353</td>
<td>SR-H3S</td>
<td>Type H slim line array, long/curved 20 degrees</td>
</tr>
<tr>
<td>426805</td>
<td>SR-H3L</td>
<td>Type H slim line array, long/straight 0 degrees</td>
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<tr>
<td>394354</td>
<td>SR-H2L</td>
<td>Type H slim line array, short/straight 0 degrees</td>
</tr>
<tr>
<td>394355</td>
<td>SR-H2S</td>
<td>Type H slim line array, short/curved 20 degrees</td>
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<tr>
<td>394357</td>
<td>SR-EP3</td>
<td>Extension plate</td>
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<td>394358</td>
<td>SR-WB3</td>
<td>Wall-mounting bracket</td>
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<tr>
<td>394359</td>
<td>SR-TB3</td>
<td>Wall-tilt bracket</td>
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<tr>
<td>394360</td>
<td>SR-SA3</td>
<td>Stand adapter</td>
</tr>
<tr>
<td>394361</td>
<td>MT-S0301</td>
<td>Matching transformer</td>
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</tbody>
</table>

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**5000 Series UHF Wireless Microphone Systems**

**TOA ELECTRONICS INC**

TOA 5000 Series Wireless Microphone Systems are frequency-agile with 16 user-selectable channels in the uncrowded UHF band (692 - 722 MHz) with simultaneous operation of up to 16 systems.

**FEATURES**
- Portable wireless microphone systems (rack-mount systems also available)
- Space diversity reception
- Handheld, lapel and headset microphone systems
- 10 hours continuous transmitter operation from one AA battery
- Five-year warranty

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>394301</td>
<td>WT-5800E01</td>
<td>Wireless receiver, true diversity, 64-channel, E01 frequency band</td>
</tr>
<tr>
<td>394306</td>
<td>WT-5800F01</td>
<td>Wireless receiver, true diversity, 64-channel, F01 frequency band</td>
</tr>
<tr>
<td>394311</td>
<td>WT-5805E01</td>
<td>Wireless receiver, space diversity, 64-channel E01 frequency band</td>
</tr>
<tr>
<td>394314</td>
<td>WT-5805F01</td>
<td>Wireless receiver, space diversity, 64-channel F01 frequency band</td>
</tr>
<tr>
<td>394321</td>
<td>WT-5810E01</td>
<td>Portable wireless receiver, space diversity, 16-channel E01 frequency band</td>
</tr>
<tr>
<td>394332</td>
<td>WT-5810F01</td>
<td>Portable wireless receiver, space diversity, 16-channel F01 frequency band</td>
</tr>
<tr>
<td>394334</td>
<td>WM-5220E01</td>
<td>Wireless handheld microphone, 16-channel E01 frequency band (requires 1 x AA)</td>
</tr>
<tr>
<td>394335</td>
<td>WM-5220F01</td>
<td>Wireless handheld microphone, 16-channel F01 frequency band (requires 1 x AA)</td>
</tr>
<tr>
<td>394336</td>
<td>WM-5270E01</td>
<td>Wireless handheld microphone, 64-channel, dynamic, E01 frequency band, (requires 1 x AA)</td>
</tr>
<tr>
<td>394337</td>
<td>WM-5270F01</td>
<td>Wireless handheld microphone, 64-channel, dynamic, F01 frequency band, (requires 1 x AA)</td>
</tr>
<tr>
<td>394342</td>
<td>WM-5320E01</td>
<td>Wireless bodypack and lapel microphone, 64-channel electret condenser, E01 frequency band (requires 1 x AA)</td>
</tr>
<tr>
<td>394344</td>
<td>WM-5320F01</td>
<td>Wireless bodypack and lapel microphone, 64-channel electret condenser, F01 frequency band (requires 1 x AA)</td>
</tr>
<tr>
<td>394347</td>
<td>WM-5320AE01</td>
<td>Wireless bodypack and headset microphone for aerobics, 64-channel E01 frequency band, (requires 1 x AA)</td>
</tr>
<tr>
<td>394348</td>
<td>WM-5320AF01</td>
<td>Wireless bodypack and headset microphone for aerobics, 64-channel E01 frequency band, (requires 1 x AA)</td>
</tr>
<tr>
<td>394349</td>
<td>WM-5320HE01</td>
<td>Wireless bodypack and headset microphone for speech, 64-channel E01 frequency band, (requires 1 x AA)</td>
</tr>
<tr>
<td>394350</td>
<td>WM-5320HF01</td>
<td>Wireless bodypack and headset microphone for speech, 64-channel F01 frequency band, (requires 1 x AA)</td>
</tr>
</tbody>
</table>
Valcom System Design Service

Valcom INC
Valcom's world-class system design assistance is available at 1-800-825-2661. For detailed product information, visit www.valcom.com.

Valcom MultiPath Systems

Valcom INC
Valcom MultiPath systems offer high-quality internal communications and a multitude of features that are easily configured to suit the most advanced requirements. MultiPath systems include user-friendly administration software that allows end-users to easily manage their voice communications system daily, weekly, monthly or annually over their LAN/WAN network.

Valcom MultiPath systems satisfy the sophisticated communications needs of large businesses such as airports, hospitals, industrial facilities, medical facilities, confinement centers, warehouses and schools.

ONE-WAY PAGING SYSTEMS WITH POWER

Expansion of systems may require additional power supplies. Power supply(ies) are included for headend equipment; additional power supplies required for amplified speakers.

Anixter No. Vendor No. Description
320130 V-PW24 24 zones, expandable to 72 zones, wall-mount
320131 V-PW48 48 zones, expandable to 72 zones, wall-mount
320132 V-PR24 24 zones, expandable to 192 zones, rack-mount
320133 V-PR48 48 zones, expandable to 192 zones, rack-mount
320134 V-PR72 72 zones, expandable to 192 zones, rack-mount
320135 V-PR96 96 zones, expandable to 192 zones, rack-mount

TALK-BACK SYSTEMS WITH POWER

Expansion of systems may require additional power supplies. Power supply(ies) are included for headend equipment; additional power supplies required for amplified speakers.

Anixter No. Vendor No. Description
320136 V-TW24 24 zones, expandable to 72 zones, wall-mount
320137 V-TW48 48 zones, expandable to 72 zones, wall-mount
320138 V-TR24 24 zones, expandable to 192 zones, rack-mount
320139 V-TR48 48 zones, expandable to 192 zones, rack-mount
320141 V-TR72 72 zones, expandable to 192 zones, rack-mount
320142 V-TR96 96 zones, expandable to 192 zones, rack-mount

ACCESSORIES

Anixter No. Vendor No. Description
320150 V-CPU4 System CPU card with two V-SLC cards (four links)
320151 V-TCM 24-point talk-back intercom expansion card

Anixter No. Vendor No. Description
320152 V-STX 24-point one-way paging expansion card
320153 V-SLC SLIC card - telephone interface two circuits
320154 V-URI Universal relay interface
320155 V-SER Serial card
320156 V-DSP Large display package
320157 V-CLK Clock control interface package
339725 V-DCLI Digital clock protocol interface
424837 V-CLK2924 Time event scheduling and master clock control correction kit for V-2924A
320158 V-PDP Program distribution panel
320159 V-C6124P Power supply 6 amp positive 24 V DC
320160 V-LPT One-way paging adapter
320161 V-2972 Push-button call switch, six pack
320162 V-RDP Rack-mount control panel with AM/FM cassette
320179 VP-9202 6 A/4 A switching power supply shelf, 2U

TALK-BACK SPEAKER

Anixter No. Vendor No. Description
320166 V-C806PK 8 in. talk-back ceiling speaker with taps, six per pack
320167 V-WTGY 8 in. talk-back wall speaker with taps, gray/black grille, paintable
320168 V-CTL Talk-back 2 ft. x2 ft. lay-in ceiling speaker with backbox, with taps
320169 VC-1090-W Talk-back FlexHorn, white
320178 VC-1090-GY Talk-back FlexHorn, gray
320170 VC-1090-BGE Talk-back FlexHorn, beige
424838 V-WGFLEX-2E Wire cages used with FlexHorns

MISCELLANEOUS PARTS

Anixter No. Vendor No. Description
320171 VC40R-4 4-position backplane cable
320172 VC40R-8T 8-position backplane cable
320173 VC40R-9T 9-position backplane cable
320174 VC40R-16T 16-position backplane cable
320177 VCMDM Modem kit

Most Valcom MultiPath systems can utilize Category 3/5/5e/6 telecom/datacom infrastructure - resulting in cost-saving installations and expansions, flexibility and reliability.
Valcom

2 ft. x 2 ft. Lay-in Ceiling Speaker

Valcom

Features
- Easy installation
- No cutting tiles
- Quality speakers for voice and music
- Front-accessible volume control
- White acrylic baked-enamel finish
- Integral backbox meets ASTM E84 flame-and-smoke test

Accessories
Anixter No. Vendor No. Description
421225 V-9022A-2 One way (package two per box)
224262 V-9028 Dual input
213702 V-9062 Talk-back

Desktop/Wall Speakers

Valcom

Features
- Convenient and easily accessible
- Self-standing or wall-mount on flat surface
- Use for off-hook voice announcement with hands-free reply

Contact your local sales representative for available color options.

High-fidelity Signature Series Speakers

Valcom

Features
- Provides exceptional music and voice quality
- Built-in volume controls on each speaker
- High-fidelity audio output
- Built-in amplifiers

Monitor Speaker
Anixter No. Vendor No. Description
204634 V-1440-BK Black
217319 V-1440-BR Brown
217320 V-1440-GY Gray
233516 V-1440-W White

In-Wall Speaker
Anixter No. Vendor No. Description
204639 V-1420 White

Ceiling Speaker
Anixter No. Vendor No. Description
194304 V-1420 White

Lay-In Ceiling Speaker
Anixter No. Vendor No. Description
316873 V-1422 White

Pendant Speaker

Valcom

Features
- High-efficiency speaker
- Ideal for music and sound rebroadcast
- Simply hang from 6 ft. chain, included

Contact your local sales representative for available color options.
Surface-mount Vandal-resistant One-way Ceiling Speaker

**FEATURES**
- Ideal for concrete ceilings and harsh areas
- Smooth tapered exterior prohibits grasping onto surface
- Steel security screen prevents objects from penetrating speaker
- Tamper-resistant screws
- Water-resistant speaker with built-in amplifier
- Sturdy steel housing
- Easy surface mounting or mount to standard 4 in. box

Anixter No. | Vendor No. | Description
---|---|---
237415 | V-9010-W | White

One-way Track-style Speaker

**FEATURES**
- Easy-mounting bracket attaches to the wall or exposed beams
- High-efficiency speaker
- Ideal for music and sound rebroadcast
- Available in white, black, gray

Anixter No. | Vendor No. | Description
---|---|---
246641 | V-1013B-W | 1 W, white
316908 | V-1013B-BK | 1 W, black

Anixter No. | Vendor No. | Description
---|---|---
246642 | V-1015B-BK | One-way, black
316903 | V-1015B-GY | One-way, gray
246644 | V-1015B-W | One-way, white
316901 | V-1019B-BK | Talk-back, black
316900 | V-1019B-GY | Talk-back, gray
316899 | V-1019B-W | Talk-back, white

---

Anixter No. | Vendor No. | Description
---|---|---
316907 | V-1013B-GY | 1 W, gray
316904 | V-1014B-W | 5 W, white
316906 | V-1014B-BK | 5 W, black
316905 | V-1014B-GY | 5 W, gray

---

**Traditional Ceiling Speakers**

**P-TEC Speakers**

**FEATURES**
- Patented push-lock mounting; no holes to cut
- Lightweight and easy to mount and move
- 70 V model is adjustable from 0.25 to 4 W
- Provides an external volume control

Anixter No. | Vendor No. | Description
---|---|---
171619 | V-5330100 | Voice coil (rated 0.25 W)
151072 | V-5330200 | 70 V (adjustable from 0.25 to 4 W)

---

Sound, Paging and Public Address

Valcom

(continued)

Pendant Speaker

Anixter No. | Vendor No. | Description
---|---|---
246642 | V-1015B-BK | One-way, black
316903 | V-1015B-GY | One-way, gray
246644 | V-1015B-W | One-way, white
316901 | V-1019B-BK | Talk-back, black
316900 | V-1019B-GY | Talk-back, gray
316899 | V-1019B-W | Talk-back, white

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### Sound, Paging and Public Address

#### Valcom

**Recessed Round Ceiling Speakers**

VAVALCOM INC

**Features**
- Fits most suspended or standard ceilings
- Flush mountable
- White enamel finish
- Support bridge and all mounting hardware included

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>151067</td>
<td>V-5330115</td>
<td>Voice coil (rated at 0.25 W)</td>
</tr>
<tr>
<td>151075</td>
<td>V-5330215</td>
<td>70 V (adjustable from 0.125 to 2.5 W)</td>
</tr>
</tbody>
</table>

**Recessed Round Ceiling Speaker Backbox**

VAVALCOM INC

The backbox is intended to cover the back of the speaker.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>151089</td>
<td>V-5335030-5</td>
<td>Speaker, round</td>
</tr>
</tbody>
</table>

**Square Indoor and Outdoor Warehouse Speakers**

VAVALCOM INC

**Features**
- Suitable for mounting to beams and trusses
- Complete integrated backbox

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>175192</td>
<td>V-5330235</td>
<td>Indoor</td>
</tr>
<tr>
<td>304818</td>
<td>V-5330240</td>
<td>Outdoor</td>
</tr>
</tbody>
</table>

**40 W Explosion Proof Horn Loudspeaker**

VAVALCOM INC

**Features**
- UL and CSA Listed for installation in areas where explosive, flammable and/or corrosive substances are present
- Can be mounted on a pole, column or flat surface
- Has a wide 120-degree audio-dispersion angle
- Can be adjusted from 2.5 to 40 W
- Capable of volume fine-tuning if used with a 70 V attenuator
- Recommended for use with the PagePac Plus AmpliCenter or PagePac 20
- Usage ideal for medium- to high-noise areas

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>171643</td>
<td>V-5331215A</td>
<td>Explosion proof speaker</td>
</tr>
</tbody>
</table>
Sound, Paging and Public Address

Valcom

FlexHorn - Waterproof

The compact design is perfect for areas with low ceilings and low-to-moderate noise. Recess or surface mountable. Includes an adjustable bracket for mounting on a horizontal or vertical plane. One-way or talk-back.

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>493149</td>
<td>V-1080</td>
<td>Beige, one-way</td>
</tr>
<tr>
<td>204625</td>
<td>V-1080-GY</td>
<td>Gray, one-way</td>
</tr>
<tr>
<td>204624</td>
<td>V-1080-W</td>
<td>White, one-way</td>
</tr>
<tr>
<td>493150</td>
<td>V-1090</td>
<td>Beige, talk-back</td>
</tr>
<tr>
<td>243129</td>
<td>V-1090-GY</td>
<td>Gray, talk-back</td>
</tr>
<tr>
<td>243128</td>
<td>V-1090-W</td>
<td>White, talk-back</td>
</tr>
<tr>
<td>424844</td>
<td>V-WGFLEX-2</td>
<td>Wire cages used with FlexHorns</td>
</tr>
</tbody>
</table>

Paging Horns

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>121874</td>
<td>V-1030C-BG</td>
<td>5 W one-way, beige</td>
</tr>
<tr>
<td>183653</td>
<td>V-1030C-GY</td>
<td>5 W one-way, gray</td>
</tr>
<tr>
<td>121876</td>
<td>V-1036C</td>
<td>15 W one-way, beige</td>
</tr>
<tr>
<td>183655</td>
<td>V-1036C-GY</td>
<td>15 W one-way, gray</td>
</tr>
<tr>
<td>121873</td>
<td>V-1048C</td>
<td>Talk-back, beige</td>
</tr>
<tr>
<td>316890</td>
<td>V-1048C-GY</td>
<td>Talk-back, gray</td>
</tr>
<tr>
<td>424846</td>
<td>V-WGHORN-2</td>
<td>Wire cages used with paging horns (packaged two per box)</td>
</tr>
</tbody>
</table>

Marine Horn - White Horn

Equipped with O-ring seals; stainless steel hardware resists deteriorating effects of salt, sun and humidity; nonyellowing white color.

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>183652</td>
<td>V-1030M</td>
<td>5 W one-way</td>
</tr>
<tr>
<td>243131</td>
<td>V-1048M</td>
<td>Talk-back</td>
</tr>
</tbody>
</table>

Special-Purpose Horns

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>121874</td>
<td>V-1038</td>
<td>30 W one-way</td>
</tr>
<tr>
<td>129246</td>
<td>V-1050C</td>
<td>5 W bi-directional</td>
</tr>
</tbody>
</table>

Digital Feedback Eliminator

The digital feedback eliminator records and saves the message, then rebroadcasts it over the speaker system, eliminating the need to move speakers or telephones for a quick and easy solution.

**Features**
- Only one unit is needed to eliminate feedback to all zones
- Can be used on a single-zone page adapter
- Automatically adjusts the output level to a consistent volume
- Records a page while playing a recorded page
- High-fidelity
- Solid-state design
- LED indicators for play, record, busy and power
- Dip switch programmable features
- Two audio outputs

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>255252</td>
<td>V-9964</td>
<td>Feedback eliminator</td>
</tr>
</tbody>
</table>

Industri al Horns

<table>
<thead>
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<td>V-1030M</td>
<td>5 W one-way</td>
</tr>
<tr>
<td>243131</td>
<td>V-1048M</td>
<td>Talk-back</td>
</tr>
</tbody>
</table>

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Door-answering Device

Valcom's V-2900 door-answering device provides talk-back communication between an entryway or doorway and a telephone system or dedicated single telephone set. It also allows unlocking the door remotely (electronic strike plate not included) by dialing a code on the telephone (except V-2900).

**Features**
- Transmit and receive volume controls
- Door-unlock activation
- Programmable security codes
- Indication of unauthorized entry
- Background music input with volume control
- Built-in ring generator with on/off switch
- Compatible with all Valcom talk-back and one-way speakers
- Programmable options include:
  - Door-unlock codes
  - Number of ringing cycles before door request is terminated
  - Program access code
  - Time (in seconds) the activated door lock remains unlocked
  - Distinctive ring patterns
- Requires additional power (VP-624D or larger power supply)

VoIP Equipment

Valcom's V-2900 VoIP phone offers two-way voice communication and is compatible with all Valcom talk-back and one-way speakers.

**Features**
- Two-way voice communication
- Built-in ring generator with on/off switch
- Compatible with all Valcom talk-back and one-way speakers
- Programmable options include:
  - Door-unlock codes
  - Number of ringing cycles before door request is terminated
  - Program access code
  - Time (in seconds) the activated door lock remains unlocked
  - Distinctive ring patterns
- Requires additional power (VP-624D or larger power supply)

Paging Equipment

Valcom's PR10321V2-21113.tif Paging Equipment provides talk-back communication between an entryway or doorway and a telephone system or dedicated single telephone set. It also allows unlocking the door remotely (electronic strike plate not included) by dialing a code on the telephone (except V-2900).

**Features**
- Built-in speaker prevents the need for tuning over the speaker system
- Two separate outputs and volume controls for music on hold, background music
- Treble and bass controls
- Dipole antenna included
- An "I" connector for use with an external coaxial antenna

Valcom's PR10323V2-21119.tif Paging Equipment is a two-way voice communication device that allows individuals to communicate with a telephone system or dedicated single telephone set. It also allows unlocking the door remotely (electronic strike plate not included) by dialing a code on the telephone (except V-2900).

**Features**
- Built-in speaker prevents the need for tuning over the speaker system
- Two separate outputs and volume controls for music on hold, background music
- Treble and bass controls
- Dipole antenna included
- An "I" connector for use with an external coaxial antenna

Messager USB Digital Messaging System

Valcom's Messager USB Digital Messaging System is a state-of-the-art digital audio playback device designed to provide a continuous-play audio source for message-on-hold, background music or any other audio application where high-quality audio playback is required. Messages are stored on industry-standard USB flash drives from 16 MB up to 4 GB. The Messager USB is capable of MP3 file playback from 8 kbps all the way up to full CD-quality audio playback of 128 kbps.

**Features**
- Plays MP3 files from USB flash drive
- No drivers or special software needed
- Continuous playback
- Built-in monitor speaker
- LED status indicator

Multitone Generator

Valcom's Multitone Generator is a device that adds tones over the paging system for evacuation, night ring, doorbells and other tone notifications needed.

**Features**
- Chime, slow whoop, warble, pulsed up to 16 available tones
- Tones activated by individual dry-contact closure up to eight at a time
- Automatically interrupts page or music during tone interval
- Provides standard immediate evacuation signals

**Table:**

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>121841</td>
<td>V-2901A</td>
<td>One-zone door-answering device</td>
</tr>
<tr>
<td>121842</td>
<td>V-2900</td>
<td>One-zone basic door-answering device</td>
</tr>
<tr>
<td>204630</td>
<td>V-2904</td>
<td>Enhanced four-zone door-answering device</td>
</tr>
<tr>
<td>333605</td>
<td>V-9988</td>
<td>Messager USB Digital Messaging System</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>168941</td>
<td>V-2952</td>
<td>FM tuner</td>
</tr>
<tr>
<td>129251</td>
<td>V-9927A</td>
<td>Multitone generator</td>
</tr>
</tbody>
</table>
Sound, Paging and Public Address

Valcom

Page-control Interfaces with Built-in Power, 2000 Series
VALCOM INC

FEATURES
• Provides one to six zones of hands-free talk-back and/or one-way paging
• Interfaces with telephone system via a loop-start/ground-start C.O. line position
• Page override input
• Programmable features per zone: background music, tones and talk-back
• Multiple units can be interconnected for a common All-Call
• Supports two talk-back speakers per talk-back zone
• Volume controls for background music, tones, All-Call and transmit/receive
• May be accessed from a dedicated single-line telephone set
• Standard 66 blocks used for connections
• One-way All-Call
• DTMF-operated auxiliary contacts available for controlling electric door locks
• Background music input
• Dial tone, ringback tone, optional alert/repeated alert tone
• Battery backup input
• Built-in power
• Built-in tone generator (single/warble) with volume control
• UL/CSA/CE Certified

ONE-ZONE BASIC
- Background music input automatically mutes in zone being paged
- Provides access to the paging system

Anixter No. Vendor No. Description
240687 V-2000A One-zone, one-way page control, with power

ONE-ZONE ENHANCED
- Background music input automatically mutes zone being paged
- Phantom Zone
- Optional background music through all or selected speakers
- Page override for special or priority announcements
- Built-in tone generator for night ring, time clock tone and doorbell

Anixter No. Vendor No. Description
190580 V-2001A One-zone, one-way page control, with power and tone generator

THREE ZONES
- Three zones and All-Call-Background music input automatically mutes in zone being paged
- Built-in tone generator for night ring, time clock tone and doorbell backup input
- Field upgradable to talk-back with V-9953

Anixter No. Vendor No. Description
123263 V-2003A Three-zone, one-way page control, with power and tone generator

SIX ZONES
- Includes features of V-2003A (six zones, three group calls and All-Call), override input, and is field upgradable to talk-back with V-9956

Anixter No. Vendor No. Description
129242 V-2006A Six-zone, one-way page control, with power and tone generator

Doorplate Speakers
VALCOM INC

FEATURES
• Weather-resistant talk-back speaker
• Call button with call-in Braille
• Fits standard 4 in. double-gang box

Anixter No. Vendor No. Description
174772 V-1072A-ST Doorplate speaker, flush-mount, stainless steel
316877 V-1072B-ST Doorplate speaker, flush-mount with LED, stainless steel
233504 V-1072A-BRASS Doorplate speaker, flush-mount, brass
316878 V-1072B-BRASS Doorplate speaker, flush-mount with LED, brass
204643 V-1074 Doorplate speaker, surface-mount, call button
183675 V-1073 Doorplate speaker, vandalproof

DOORBOX WEATHER GUARD
Anixter No. Vendor No. Description
424849 V-9910-BK Black
424850 V-9910-YEL Yellow

Talk-back Intercom System - Expandable
VALCOM INC

An innovative, new, expandable talk-back intercom system designed specifically for schools, assisted-living facilities, auto dealerships, medical clinics and warehouses.
Valcom

**Sound, Paging and Public Address**

- Full frequency range output for speakers and modified output for horn loads
- Built-in compressor (option switch controlled) everts out loud and quiet inputs
- Operates on 24 V DC requiring one Valcom power unit

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>340076</td>
<td>V-9985-W</td>
<td>In-wall mixer</td>
</tr>
<tr>
<td>340078</td>
<td>V-9984-W</td>
<td>Remote input module</td>
</tr>
<tr>
<td>340080</td>
<td>V-9983-W</td>
<td>In-wall main control module</td>
</tr>
</tbody>
</table>

**Ambient-level Controller**

The ambient-level controller uses its internal microprocessor via microphone input to sense ambient noise and optimize the paging level to its surroundings.

**FEATURES**
- Ideal for areas where noise levels frequently change
- Permits automatic, manual or remote control of sound-system levels
- Microphone may be placed up to 5,000 ft. from the unit

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>215782</td>
<td>V-5335621</td>
<td>Ambient-level controller</td>
</tr>
</tbody>
</table>

**PagePac Call Stacker**

Eliminates busy signals on heavily used systems and prevents acoustic feedback.

**FEATURES**
- Eliminates feedback by opening loop between paging device and speakers
- Enables the system to accept up to five simultaneous pages, store them and play them back in sequence
- Emergency messages can interrupt playback sequence
- Interrupted message will play in full once the emergency message has completed. (Note: must be used with PagePac Plus System.)
- Provides prompts in English, Spanish or both languages
- Access via analog station ports or central office lines

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>215770</td>
<td>V-5325150</td>
<td>PagePac Call Stacker</td>
</tr>
</tbody>
</table>

**In-wall Mixers**

Valcom's in-wall mixer is a complete sound system that blends with today's modern décor. Each mixer provides two auxiliary inputs and one balanced microphone input. Auxiliary inputs can be used for music or program sources, PC audio or wireless microphones and easily mounts in a 4-gang electrical box with decorative white faceplate. An additional audio input (building page) easily adapts the in-room speakers to the building's existing paging system. An override feature allows building announcements priority over individual room activities.

**FEATURES**
- A master volume control is provided for final level adjustments
- An eight-segment LED meter provides instant visual indication of audio signal levels
- The building page input overrides all other sources (voice-operated, switch-enabled)
Valcom

Desktop Speakers

These desktop speakers are small, lightweight and designed to communicate within relatively small areas.

**FEATURES**
- PagePac by Valcom Inc.
- Excellent private-office intercom
- Covers 250 sq. ft.
- Can be wall mounted
- Use for voice-announce on busy with your phone system
- May be used for one-way or talk-back
- Privacy switch (70 V only)

**Anixter No.** | **Vendor No.** | **Description**
--- | --- | ---
151074 | V-5330210 | 70 V desktop speaker

PagePort PreAmp/Expander

**FEATURES**
- A master volume control for an entire system or groups of remote speakers
- Virtually unlimited expansion
- Preamplifies low-level audio to remote sites
- Isolates paging port from speaker lines

**Anixter No.** | **Vendor No.** | **Description**
--- | --- | ---
121867 | V-1094A | Master volume control

70 V Expander

Provides unlimited expansion of 25/70/100 V systems without straining existing amplifier.

**FEATURES**
- Easily connects to the amplifier output or anywhere on the 70 V line
- Provides a master volume control for added speakers

**Anixter No.** | **Vendor No.** | **Description**
--- | --- | ---
194306 | V-1095 | 70 V expander

70 V Attenuators

This attenuator allows volume adjustment of 70 V speakers and horns. Accommodates up to 35 W of speaker load.

**Anixter No.** | **Vendor No.** | **Description**
--- | --- | ---
151091 | V-5335005A | 70 V attenuator

Voice Coil Attenuator 3 W

Controls the volume of voice coil speakers and horns.

**FEATURES**
- PagePac by Valcom Inc.

**Anixter No.** | **Vendor No.** | **Description**
--- | --- | ---
272272 | V-5335010A | Voice coil attenuator 3 W
Sound, Paging and Public Address

Valcom

Voice Coil Door Speaker

VALCOM INC

Know who is at your door with these talk-back DoorPhone speakers.

FEATURES
- Push button on the DoorPhone with a speaker for signaling
- Stainless steel faceplate and tamperproof screws
- Weather-resistant enclosure for indoor or outdoor use
- Can be mounted to any surface or flush mounted

Anixter No. 151068
Vendor No. V-5330120
Description Voice coil door speaker

Anixter No. 230924
Vendor No. V-5330230
Description 70 V door speaker

Universal DoorPhone Controller

VALCOM INC

Allows the user to remotely control locking and unlocking of premise doors.

FEATURES
- Provides voice communication between your telephone system and the DoorPhone speaker
- Controls remote door unlocking (with optional customer-supplied and customer-installed electromechanical door lock)
- Interfaces the DoorPhone speaker with an extra alert
- Volume control for speaker and talk-back
- May be used with central office lines or station ports and has ability to dial up to 16-digit telephone numbers

Anixter No. 216828
Vendor No. V-5324001
Description Universal DoorPhone controller

PagePac Station DoorPhone

VALCOM INC

Allows the user to control access and communicate with people at a premise door.

FEATURES
- Designed specifically for PARTNER Plus System
- Provides visible feedback to your visitor via a green LED that confirms the DoorPhone is activated
- Rings different extensions
- Requires no external power to operate
- Weather resistant, tamperproof, ideal for indoor/outdoor use

Anixter No. 316866
Vendor No. V-5324004
Description PagePac Station DoorPhone

PagePac 6

VALCOM INC

Page your personnel with the PagePac 6.

FEATURES
- Provides a 6 W, compact, single-zone, one-way paging system, with an amplifier that provides 3.4 V of output
- Best suited for small businesses with quiet-to-moderate sound levels
- Useful in small- to medium-size offices (up to 9,000 sq ft.) and warehouse or manufacturing applications up to 12,000 sq ft.
- Background-music input available
- Provides page port/aux port access
- Power supply included
- Recommended for up to 18 voice coil speakers or six 1 W voice coil horns

Anixter No. 230909
Vendor No. V-5323006
Description PagePac 6
Sound, Paging and Public Address

Valcom

**PagePac 6 Plus**

**VALCOM INC**

Like the PagePac 6, the PagePac 6 Plus features a highly affordable, compact, 6 W paging amplifier. PagePac 6 Plus is a versatile system that offers a full three zones of paging, plus the highly desirable talk-back capability (two-way, hands-free communication via system speakers).

**FEATURES**

- Provides a highly affordable, compact, three-zone paging system plus group and All-Call, with a 6 W paging amplifier
- Useful in small- to medium-size offices (up to 9,000 sq ft.) and warehouse or manufacturing applications (up to 12,000 sq ft.)
- Supports up to two separate analog station-paging lines and includes this port-saver feature as standard
- Provides talk-back capability and programmable background music
- Provides three built-in, 2 W, voice coil amplifiers (one per zone)
- Recommended for up to 18 voice coil speakers (six per zone), or up to two 1 W voice coil horns per zone

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>171646</td>
<td>V-5323008</td>
<td>6 W paging amplifier</td>
</tr>
</tbody>
</table>

**PagePac Plus D-Series AmpliCenters**

**VALCOM INC**

The PagePac Plus D-Series AmpliCenter is the core of the PagePac Plus paging system. It can function as a stand-alone, single-zone paging system, or when coupled with a PagePac Controller, it can drive larger, more sophisticated, multizone systems. The PagePac Plus AmpliCenter is optimally designed for convenient, direct access and simplicity of operation using your own telephone system. The system automatically modifies voice level for maximum clarity and consistent, pleasant paging.

**FEATURES**

- Stand-alone or PagePac Plus Controller access
- Provides digital technology and remote-amplifier output
- Provides overload protection and automatic reset
- Provides automatic voice-level adjustment for all pages
- Background/foreground music volume adjustment
- LED displays to indicate power on/off status and aid in system troubleshooting
- Remote amplifier output
- Wall, rack or cabinet mounting

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>151102</td>
<td>V-5323100</td>
<td>Controller</td>
</tr>
<tr>
<td>171642</td>
<td>V-5323105</td>
<td>PagePac programming software</td>
</tr>
</tbody>
</table>

**PagePac Plus Zone Expansion Unit**

**VALCOM INC**

The PagePac Plus Zone Expansion Unit enables a paging system to significantly expand its messaging capabilities. The PagePac Plus Zone Expansion Unit connects to the PagePac Plus Controller and provides 16 additional paging zones. Up to three expansion units can be attached to a single controller for a maximum of 56 paging zones per system. All zones can be optioned for hands-free talk-back with a 70 V output or may be utilized as input/output contact closures.

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>151096</td>
<td>V-5335100</td>
<td>Expansion unit</td>
</tr>
</tbody>
</table>

Request the latest literature and guides from Anixter.

1.800.ANIXTER • anixter.com/literature
The PagePal Interface connects any other paging system to your telephone system. This unit features attendant override, allowing direct access from the attendant or desktop microphone or page port with contact closure.

**FEATURES**
- Provides access to your paging system via analog station, loop- or ground-start trunk and dry-loop (telephone system page port)
- Includes tones for night bell, call or page confirmation, alerts, page busy and preannouncement
- Provides a music input
- Not recommended for talk-back

PagePal Interface

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>151105</td>
<td>V-5335700</td>
<td>PagePal Interface</td>
</tr>
</tbody>
</table>

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PagePac Plus Controller PC Software

VALCOM INC

Provides easy programming from a computer instead of a telephone.

**FEATURES**
- PagePac by Valcom Inc.
- Requires less than 640 k RAM, uses a 3.5 in. disk
- Operates in character mode
- Supports monochrome and color monitors or LCDs
- Has ability to retain configuration indefinitely
- PC connects to an RS-232 on the controller with a null modem cable
- Operates on generic, DOS-based, IBM PC or compatible system

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>171642</td>
<td>V-5323105</td>
<td>PagePac programming software</td>
</tr>
</tbody>
</table>

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Universal Bi-directional Speakers

VALCOM INC

Universal bi-directional speakers are capable of unidirectional or bi-directional signal dispersion thanks to special, innovative cabinet mounts. These speakers come in either voice coil or 70 V models and are normally used when recessed ceiling mounts are either not desirable or not possible. Each speaker comes housed in a handsome black cabinet with a black cloth grille.

**FEATURES**
- Voice coil (rated at 0.25 W)
- 70 V (adjustable from 0.125 to 2.5 W)

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>230915</td>
<td>V-5330105</td>
<td>Voice coil</td>
</tr>
<tr>
<td>215775</td>
<td>V-5330205</td>
<td>70 V</td>
</tr>
</tbody>
</table>

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Remote Amplifier Adapter

VALCOM INC

Expands the PagePac 6 and PagePac 6 Plus by allowing the addition of other amplifiers, both on-site and off-premises.

**FEATURES**
- Reduces potential noise problems
- Avoids downstream amp overdrive by ensuring that the input voltage and impedance match the downstream amplifier

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>274735</td>
<td>V-5335305</td>
<td>Remote amplifier adapter</td>
</tr>
</tbody>
</table>
Digital Sound-level Meter

FEATURES
- Professional instrumentation
- Compact, newly designed shape
- High performance
- Easy max/min. function
- 32 to 130 dB/3 range
- Resolution, 0.1 dB
- IEC 651 type II
- 9 V battery included

Valcom

Station-level Paging Adapter

FEATURES
- Full-featured paging with C.O. or Centrex lines
- Can combine with Valcom multizone or talk-back page-control interfaces
- Requires 24 V DC/200 mA, filtered power supply

Power Supplies

FEATURES
- Bridges and backboxes for use with 8 in. ceiling speakers
- Anixter No. Vendor No. Description
  185051 V-9914M Bridge, metal
  189069 V-9915M-5 Backbox, metal
  183676 V-9916M Bridge/backbox combination, metal

Valcom

Digital Sound-level Meter

Valcom

Station-level Paging Adapter

Valcom

Power Supplies

Valcom

Digital Sound-level Meter

Valcom

Station-level Paging Adapter

Valcom

Power Supplies

Valcom

Digital Sound-level Meter

Valcom

Station-level Paging Adapter

Valcom
Analog Clocks - Wired and Wireless

**VALCOM INC**

**FEATURES**
- Valcom's quartz analog clocks are available in 12 in. or 16 in. round metal case with shatter-proof polycarbonate crystal
- Offers proven time-keeping accuracy and reliability

**WIRED ANALOG CLOCKS**
Black, surface-mount

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>339752</td>
<td>V-A2416</td>
<td>16 in. round, 24 V DC</td>
</tr>
<tr>
<td>339753</td>
<td>V-A11016</td>
<td>16 in. round, 110 V AC</td>
</tr>
<tr>
<td>339754</td>
<td>V-A2412</td>
<td>12 in. round, 24 V DC</td>
</tr>
<tr>
<td>339755</td>
<td>V-A11012</td>
<td>12 in. round, 110 V AC</td>
</tr>
<tr>
<td>339757</td>
<td>V-VCU</td>
<td>6 amp two-wire clock driver</td>
</tr>
</tbody>
</table>

**WIRELESS ANALOG CLOCKS AND REPEATER**
Black, surface-mount

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>339760</td>
<td>V-AW16A</td>
<td>16 in. round, battery operated</td>
</tr>
<tr>
<td>339762</td>
<td>V-AW12LP</td>
<td>12 in. round, 110 V AC</td>
</tr>
<tr>
<td>339763</td>
<td>V-AW12A</td>
<td>12 in. round, battery operated</td>
</tr>
<tr>
<td>424852</td>
<td>V-AW12A-MD</td>
<td>12 in. round, military dial</td>
</tr>
<tr>
<td>444247</td>
<td>V-AW16LP</td>
<td>16 in. round, clock and repeater 24 V</td>
</tr>
</tbody>
</table>

**SURFACE-MOUNT RINGS AND BRACKETS**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>339764</td>
<td>V-SMR12</td>
<td>Surface-mount ring for 12 in. clock</td>
</tr>
<tr>
<td>339765</td>
<td>V-BDM12-4</td>
<td>Double-mount bracket for 12 in. clock</td>
</tr>
<tr>
<td>339766</td>
<td>V-UMB</td>
<td>Universal mounting bracket</td>
</tr>
<tr>
<td>339767</td>
<td>V-SMR16</td>
<td>16 surface-mount ring for 16 in. clock</td>
</tr>
<tr>
<td>339768</td>
<td>V-BDM16-4</td>
<td>16-4 double-mount bracket for 16 in. clock</td>
</tr>
</tbody>
</table>

**CLOCK/SPEAKER BAFFLES**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>339769</td>
<td>V-CSB12S</td>
<td>12 in. analog clock/8 in. speaker baffle</td>
</tr>
<tr>
<td>339770</td>
<td>V-CSBFB</td>
<td>Surface-mount backbox for V-CSB25 and/or V-CSB12S</td>
</tr>
<tr>
<td>339772</td>
<td>V-CSBRB</td>
<td>Recessed-mount backbox for V-CSB25 and/or V-CSB12S</td>
</tr>
</tbody>
</table>

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IP Paging Products - Managed

**VALCOM INC**

**FEATURES**
- Available in 1-, 2- and 4-channel models
- No server required
- Easy Windows-based setup
- Web-based configuration/setup
- One- to 11-digit dial plans
- AUX audio input
- Can use DHCP servers to acquire IP addresses
- Contact closure available for audio indication and door unlocking
- Note: VIP-811, VIP-812 and VIP-814 also provide ringing indication contact

**PAGE ZONE EXTENDER**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>316812</td>
<td>VIP-801</td>
<td>Networked page zone extender</td>
</tr>
<tr>
<td>316811</td>
<td>VIP-802</td>
<td>Dual networked page zone extender</td>
</tr>
<tr>
<td>316810</td>
<td>VIP-804</td>
<td>Quad networked page zone extender</td>
</tr>
</tbody>
</table>

**NETWORKED STATION PORTS**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>316809</td>
<td>VIP-811</td>
<td>Enhanced networked station port</td>
</tr>
<tr>
<td>316808</td>
<td>VIP-812</td>
<td>Dual enhanced networked station port</td>
</tr>
<tr>
<td>316807</td>
<td>VIP-814</td>
<td>Quad networked station port</td>
</tr>
</tbody>
</table>

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IP Paging Products - Networked Trunk Port

**VALCOM INC**

**FEATURES**
- Allows most loop-start terminal devices to be connected to a managed IP-based LAN/WAN
- RJ45 for network connection
- Network activity LEDs
- Front-panel activity LED
- 2.5 mm jack for DC
- 802.3af compliant

<table>
<thead>
<tr>
<th>Anixter No.</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>316806</td>
<td>VIP-821</td>
<td>Enhanced networked trunk port</td>
</tr>
<tr>
<td>316805</td>
<td>VIP-822</td>
<td>Dual enhanced network trunk port</td>
</tr>
<tr>
<td>316804</td>
<td>VIP-824</td>
<td>Quad enhanced network trunk port</td>
</tr>
</tbody>
</table>
Sound, Paging and Public Address

Valcom

SIP Wall Speakers

VALCOM INC

**FEATURES**
- Sleek, modern designs with/without clocks
- Excellent voice and music quality
- Gray with black grille
- Paintable housing
- Easy installation
- Built-in volume settings (one-way only)
- PoE (IEEE 802.3af) no local power required
- Optional wall-mount volume controls
- Clock versions need only one Ethernet port
- Mounting backbox options available

**WALL SPEAKERS**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>316815</td>
<td>VIP-410</td>
<td>IP wall speaker; one-way</td>
</tr>
<tr>
<td>370703</td>
<td>VIP-411-D5</td>
<td>IP surface-mount wall speaker; one-way, with digital clock</td>
</tr>
<tr>
<td>370705</td>
<td>VIP-412-DF</td>
<td>IP flush-mount wall speaker; one-way, with digital clock</td>
</tr>
<tr>
<td>316813</td>
<td>VIP-430</td>
<td>IP wall speaker assembly; talk-back, gray with black grille</td>
</tr>
<tr>
<td>424859</td>
<td>VIP-432-DF</td>
<td>InformaCast IP wall speaker assembly; one-way, gray with black grille</td>
</tr>
<tr>
<td>424860</td>
<td>VIP-410-IC</td>
<td>InformaCast IP wall speaker assembly; one-way, gray with black grille</td>
</tr>
<tr>
<td>424861</td>
<td>VIP-411-D5</td>
<td>InformaCast IP surface-mount wall speaker; one-way, with digital clock, gray with black grille</td>
</tr>
<tr>
<td>424862</td>
<td>VIP-412-DF-IC</td>
<td>InformaCast IP flush-mount wall speaker; one-way, with digital clock, gray with black grille</td>
</tr>
<tr>
<td>424865</td>
<td>VIP-430-IC</td>
<td>InformaCast IP wall speaker assembly; talk-back, gray with black grille</td>
</tr>
<tr>
<td>424878</td>
<td>VIP-432-DF-IC</td>
<td>InformaCast IP wall speaker assembly; talk-back, gray with black grille</td>
</tr>
</tbody>
</table>

**FACEPLATE SPEAKERS**

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>424896</td>
<td>VIP-418</td>
<td>IP one-way square faceplate 8 in. speaker, white</td>
</tr>
<tr>
<td>424854</td>
<td>VIP-419-D</td>
<td>IP faceplate speaker unit with digital clock, white</td>
</tr>
<tr>
<td>424855</td>
<td>VIP-429-D</td>
<td>IP talk-back speaker faceplate unit with digital clock, white</td>
</tr>
</tbody>
</table>

**IP Lay-in Ceiling Speakers**

VALCOM INC

**FEATURES**
- Replaces a 2 ft. x 2 ft. tile or 1/2 of a 2 ft. x 2 ft. tile
- Easy to install
- No cutting tiles, no broken tiles, no mess
- Excellent music and voice quality
- Built-in volume settings (one-way only)
- Durable white acrylic baked-enamel finish
Sound, Paging and Public Address
Valcom

• Integral backbox meets or exceeds ASTM E84 flame and smoke test with three-hour burn rating (UL 181)
• Power 802.3af only

Table: Valcom Sound, Paging and Public Address

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>424893</td>
<td>VIP-401</td>
<td>IP 1 ft. x 2 ft., one-way</td>
</tr>
<tr>
<td>316816</td>
<td>VIP-402</td>
<td>IP 2 ft. x 2 ft., one-way</td>
</tr>
<tr>
<td>424894</td>
<td>VIP-421</td>
<td>IP 1 ft. x 2 ft., talk-back</td>
</tr>
<tr>
<td>316814</td>
<td>VIP-422</td>
<td>IP 2 ft. x 2 ft., talk-back</td>
</tr>
<tr>
<td>424898</td>
<td>VIP-401-IC</td>
<td>InformaCast IP 1 ft. x 2 ft., one-way</td>
</tr>
<tr>
<td>424899</td>
<td>VIP-402-IC</td>
<td>InformaCast IP 2 ft. x 2 ft., one-way</td>
</tr>
<tr>
<td>424900</td>
<td>VIP-421-IC</td>
<td>InformaCast IP 1 ft. x 2 ft., talk-back</td>
</tr>
<tr>
<td>424901</td>
<td>VIP-422-IC</td>
<td>InformaCast IP 1 ft. x 2 ft., talk-back</td>
</tr>
</tbody>
</table>

Table: SIP 8 in. Ceiling Speakers

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>370706</td>
<td>VIP-120</td>
<td>IP, one-way</td>
</tr>
<tr>
<td>424907</td>
<td>VIP-160</td>
<td>IP, talk-back</td>
</tr>
<tr>
<td>424908</td>
<td>VIP-120-IC</td>
<td>InformaCast IP, one-way</td>
</tr>
<tr>
<td>424910</td>
<td>VIP-160-IC</td>
<td>InformaCast IP, talk-back</td>
</tr>
</tbody>
</table>

Table: SIP Paging Horn with Long-line Extender

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>365673</td>
<td>VIP-130-L-BG</td>
<td>5 W one-way with long-line extender, beige</td>
</tr>
<tr>
<td>424912</td>
<td>VIP-148-L-BGE</td>
<td>5 W talk-back with long-line extender, beige</td>
</tr>
<tr>
<td>424913</td>
<td>VIP-148-L-GY</td>
<td>5 W talk-back with long-line extender, gray</td>
</tr>
<tr>
<td>424915</td>
<td>VIP-130-L-BG-IC</td>
<td>InformaCast 5 W one-way with long-line extender, beige</td>
</tr>
<tr>
<td>424916</td>
<td>VIP-130-L-GY-IC</td>
<td>InformaCast 5 W one-way with long-line extender, gray</td>
</tr>
<tr>
<td>424917</td>
<td>VIP-148-L-BGE-IC</td>
<td>InformaCast 5 W talk-back with long-line extender, beige</td>
</tr>
<tr>
<td>424918</td>
<td>VIP-148-L-GY-IC</td>
<td>InformaCast 5 W talk-back with long-line extender, gray</td>
</tr>
<tr>
<td>424846</td>
<td>V-WGHORN-2</td>
<td>Wire cages used with paging horns (packaged two per box)</td>
</tr>
</tbody>
</table>

FEATURING
- Enables voice access to one to four zones of one-way analog paging plus eight zones of IP paging
- Designed for use with virtually all SIP-based telephone systems
- Live or recorded messages
- Easily connects loudspeaker system to existing computer networks
- Supports IP and analog amplified speakers
- Web interface for control and setup
- Supports legacy paging systems

Table: IP Talk-back Call Station

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>370447</td>
<td>VIP-201</td>
<td>One analog</td>
</tr>
<tr>
<td>370448</td>
<td>VIP-204</td>
<td>Four analog</td>
</tr>
</tbody>
</table>

FEATURING
- Weather resistant
- Indoor/outdoor use
- Exceptional natural sound
- Available in beige (-BG), gray (-GY) or marine white (-M)
- Stainless steel hardware
- Omni-lock mounting system

Table: Page Pro IP

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>915537</td>
<td>VIP-9980-CB</td>
<td>IP talk-back call station, vandal resistant, yellow</td>
</tr>
</tbody>
</table>

FEATURING
- Allows communication to Valcom FXS units (VIP-811, -812, -814) and SIP-based telephone systems via a managed IP-based LAN/WAN.
Sound, Paging and Public Address

Valcom

SIP FlexHorn

The compact design is perfect for areas with low ceilings and low to moderate noise. Recess or surface mountable. Includes an adjustable bracket for mounting on a horizontal or vertical plane. One-way.

- Valcom Inc.

SIP Intercom/Doorplate Speakers

The hands-free talk-back intercom with long-line extender and dial code-operated relay are the perfect solution to implementing door-phone or similar functions with modern IP telephone systems.

- Valcom Inc.

Networked Relay and Input Module

- Valcom Inc.

### Accessories

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>370713</td>
<td>VIP-480L-BGE</td>
<td>IP FlexHorn with long-line extender, beige</td>
</tr>
<tr>
<td>424921</td>
<td>VIP-483</td>
<td>IP FlexHorn with stainless steel grille, vandal-resistant, without backbox</td>
</tr>
<tr>
<td>424924</td>
<td>VIP-581</td>
<td>IP FlexHorn angled surface-mount unit, light gray</td>
</tr>
<tr>
<td>444253</td>
<td>VIP-9880</td>
<td>IP FlexHorn interior square faceplate, white</td>
</tr>
<tr>
<td>424925</td>
<td>VIP-480L-BGE-IC</td>
<td>InformaCast IP FlexHorn with long-line extender, beige</td>
</tr>
<tr>
<td>424926</td>
<td>VIP-480L-GY-IC</td>
<td>InformaCast IP FlexHorn with long-line extender, gray</td>
</tr>
<tr>
<td>424927</td>
<td>VIP-480L-W-IC</td>
<td>InformaCast IP FlexHorn with long-line extender, white</td>
</tr>
<tr>
<td>424928</td>
<td>VIP-483-IC</td>
<td>InformaCast IP FlexHorn with stainless steel grille, vandal-resistant, without backbox</td>
</tr>
<tr>
<td>424929</td>
<td>VIP-580-IC</td>
<td>InformaCast IP FlexHorn interior surface-mount unit, light gray</td>
</tr>
<tr>
<td>424931</td>
<td>VIP-9880-IC</td>
<td>InformaCast IP FlexHorn interior square faceplate, white</td>
</tr>
<tr>
<td>424930</td>
<td>VIP-581-IC</td>
<td>InformaCast IP FlexHorn interior angled surface-mount unit, light gray</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>370715</td>
<td>VIP-9805</td>
<td>Optional vandal-resistant enclosure</td>
</tr>
<tr>
<td>424844</td>
<td>V-WGFLXL-2</td>
<td>Wire cages used with FlexHorns</td>
</tr>
<tr>
<td>424932</td>
<td>VB-R16</td>
<td>Recessed-mount backbox for use with VIP-483, VIP-483-IC</td>
</tr>
<tr>
<td>424933</td>
<td>VB-R17-D</td>
<td>Recessed-mount backbox for use with VIP-9880, for use with VIP-9880-IC</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>370718</td>
<td>VP-172L-SS</td>
<td>Long-line extender, stainless steel</td>
</tr>
<tr>
<td>395837</td>
<td>VP-172L-VRSS</td>
<td>Vandal-resistant, 11 AWG steel</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>424849</td>
<td>V9910-BK</td>
<td>Black</td>
</tr>
<tr>
<td>424850</td>
<td>V-9910-YEL</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>370721</td>
<td>VIP-848</td>
<td>Networked relay and input module</td>
</tr>
</tbody>
</table>
Local Power Option for 800 Series

Valcom Inc.

FEATURES
- Receptacle-mount
- Unfiltered

Anixter No. Vendor No. Description
326238 VIP-324 0.25 amp power supply

Networking Systems/Video Products/Video Security Systems

Valcom Inc.

IP PoE analog and digital clocks.

FEATURES
- Easy to install via RJ45 connection
- Power over Ethernet (IEEE 802.3af)
- No master clock required - set automatically by NTP (network time protocol)
- 10/100BASE-T Ethernet compatible
- DHCP or static IP addressable
- Industrial-grade metal housing

ANALOG CLOCKS
Anixter No. Vendor No. Description
393610 VIP-A12 IP 12 in.
424939 VIP-A12DS IP 12 in. double-sided
393613 VIP-A16 IP 16 in.
424940 VIP-A16DS IP 16 in. double-sided

DIGITAL CLOCKS
Anixter No. Vendor No. Description
393614 VIP-D425 IP 2.5 in. four-digit
424941 VIP-D425DS IP 2.5 in. four-digit double-sided
393615 VIP-D625 IP 2.5 in. six-digit
393616 VIP-D440 IP 4.0 in. four-digit
424943 VIP-D440DS IP 4 in. four-digit double-sided
395715 VIP-D640 IP 4 in. six-digit
424944 VIP-D625DS IP 2.5 in. six-digit double-sided
424946 VIP-D640DS IP 4 in. six-digit double-sided
The C-1000B allows single-line phones or phone systems to share a phone line with one or two doorboxes or paging amplifiers. In addition, the C-1000B provides two touch-tone-controlled relays to operate door strikes or gate openers and provides doorbox triggered CCTV camera switching.

FEATURES
- Allows two Viking doorboxes or paging amplifiers to share a single telephone line with a residential or business telephone system
- Custom ringing mode allows you to distinguish doorbox calls from C.O. calls
- Compatible with the following hands-free Viking models: W-1000, W-2000A, W-3000 and W-3005
- Call waiting tones indicate which doorbox is calling and distinguish a doorbox call from a C.O. line call
- Calls can be placed on hold when visitors call from the doorbox or when paging
- Provides two touch-tone controlled N.O. or N.C. dry contact closures (5 amp rating) for door strikes or gate openers
- Compatible with pulse or touch-tone phones
- Postal lock/keyless entry input
- Built-in talk battery for “No C.O.” applications
- Auxiliary contact output for doorbells, cameras, etc.

Anixter No. 305609
Vendor No. C-1000B
Description Door entry and CCTV camera controller

The W-1000 (flush-mount), W-2000A (surface-mount) and W-3000 (flush-mount) and W-3005 (flush-mount with camera) doorboxes are designed to be installed on the unused telephone line input of nearly any phone system. One or two doorboxes can also share an existing residential phone line when used in combination with a C-1000B doorbox controller.

For outdoor or harsh environments, the W-1000, W-2000A and W-3000 and W-3005 are available with Enhanced Weather Protection (EWP). The W-1000-EWP, W-2000A-EWP, W-3000-EWP and W-3005-EWP feature foam-rubber gaskets and boots, sealed connections, gel-filled butt connectors, as well as urethane or thermal plastic potted circuit boards with internally sealed, field-adjustable trim pots and DIP switches for easy on-site programming.

FEATURES
- High-output speaker amplifier with volume adjustment POT
- Microphone volume adjustment POT
- 24 V talk battery
- 20 Hz ring generator (3.0 REN ring load maximum)
- Selectable number of rings
- Extended operating temperature range - 15°F to 130°F
- Compact 45-degree terminal strip for easy wiring
- Optional Enhanced Weather Protection (EWP)
- W-3005 features a built-in high-resolution color video camera with wide viewing angle, tilt/swivel adjustments and wide operating temperature range

W-1000 SERIES - FLUSH-MOUNT
Anixter No. Vendor No. Description
185421 W-1000 Aluminum, black
274171 W-1000-EWP Aluminum, black with Enhanced Weather Protection

W-2000 SERIES - SURFACE-MOUNT
Anixter No. Vendor No. Description
122257 W-2000A Plastic, light gray
274172 W-2000A-EWP Plastic, light gray with Enhanced Weather Protection

W-3000 SERIES - FLUSH-MOUNT
Anixter No. Vendor No. Description
219508 W-3000 Stainless steel
274173 W-3000-EWP Stainless steel with Enhanced Weather Protection

W-3005 SERIES - FLUSH-MOUNT
Anixter No. Vendor No. Description
366782 W-3005 Stainless steel with video camera
366783 W-3005-EWP Stainless steel with video camera and Enhanced Weather Protection

Hands-free Phone with Keypad

The K-1700-3 provides a tough and attractive hands-free phone for apartment and residential door entry or applications. The K-1700 and K-1705 series entry phones are available in two attractive finishes: “brushed stainless steel” and “oil-rubbed bronze.” For outdoor or harsh environments, the K-1700-3 and K-1705-3 are both available with Enhanced Weather Protection (EWP). EWP products feature foam-rubber gaskets and boots, sealed connections, gel-filled butt connectors, as well as urethane or thermal plastic potted circuit boards with internally sealed, field-adjustable trim pots and DIP switches for easy on-site programming.
### FEATUR E S
- Vandal-resistant features: 14 gauge, louvered, stainless steel faceplate with stainless steel speaker/mic screen, heavy-duty metal keypad and call button
- Model K-1705-3 features a built-in high-resolution color video camera with wide viewing, tilt/swivel adjustments and wide operating temperature range
- Yellow “in use” LED
- Volume adjustments for microphone and speaker
- Advanced call-progress detection: disconnects on busy signal, return to dial tone, CPC reorder tone, maximum call time out and selectable silence time out
- Selectable auto-answer feature
- Selectable push-button disconnect
- Zinc-plated steel rough-in box with two 3/4 in. conduit knockouts
- Optional VE-6x7 surface-mount box available
- Selectable maximum call time
- Selectable momentary or continuous touch-tone output
- Selectable VOX switching speed

### HANDS-FREE PHONE
<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>244059</td>
<td>K-1700-3</td>
<td>Hands-free phone</td>
</tr>
<tr>
<td>274176</td>
<td>K-1700-3-EWP</td>
<td>With Enhanced Weather Protection</td>
</tr>
<tr>
<td>393146</td>
<td>K-1700-3-BN</td>
<td>Oil-rubbed bronze finish</td>
</tr>
<tr>
<td>393147</td>
<td>K-1700-3-BN-EWP</td>
<td>With Enhanced Weather Protection, oil-rubbed bronze finish</td>
</tr>
</tbody>
</table>

### VIDEO ENTRY PHONE
<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>353563</td>
<td>K-1705-3-EWP</td>
<td>With Enhanced Weather Protection</td>
</tr>
<tr>
<td>393149</td>
<td>K-1705-3-BN</td>
<td>Oil-rubbed bronze finish</td>
</tr>
<tr>
<td>393151</td>
<td>K-1705-3-BN-EWP</td>
<td>With Enhanced Weather Protection, oil-rubbed bronze finish</td>
</tr>
</tbody>
</table>

### Hands-free Speakerphone with Dialer

**VIKING ELECTRONICS**

The E-30 hands-free phone is designed to provide quick and reliable hands-free communications and can be connected directly to a C.O. line or analog PABX/KSU station. The E-30 features nonvolatile memory, a built-in five-number dialer and intelligent call-progress detection for automatic hang-up when the call is completed.

The E-30-EWP shares all of the features of the E-30 in addition to Enhanced Weather Protection (EWP) for installation in harsh environments. EWP products feature foam-rubber gaskets and boots, sealed connections, gel-filled butt connectors, as well as urethane or thermal plastic potted circuit boards with internally sealed, field-adjustable trim pots and DIP switches for easy on-site programming.

**FEATURES**
- Line powered
- Hearing aid-compatible amplified handsets
- Rotary handset volume control
- Nonvolatile memory (no batteries required)
- Restricts fraudulent calls from handheld dialers
- K-1900D/W-2 available in red or ash
- Operates on a C.O. line or analog PABX/KSU extensions
- Programmable security code to enter programming mode

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>172921</td>
<td>K-1900D-2</td>
<td>Desk version, red</td>
</tr>
<tr>
<td>274189</td>
<td>K-1900D-2 ASH</td>
<td>Desk version, ash</td>
</tr>
<tr>
<td>168883</td>
<td>K-1900W-2</td>
<td>Wall version, red</td>
</tr>
<tr>
<td>274191</td>
<td>K-1900W-2 ASH</td>
<td>Wall-mount, ash</td>
</tr>
<tr>
<td>244531</td>
<td>K-1900-7</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>339087</td>
<td>K-1900-7-EWP</td>
<td>With Enhanced Weather Protection, stainless steel</td>
</tr>
</tbody>
</table>

The K-1900 Series of hot-line phones are programmable to dial a 1- to 32-digit telephone number each time the phone’s handset is lifted. The products may be programmed to touch-tone or pulse-dial and will not dial on incoming calls. The K-1900 Series phones are available in a desk or wall chassis, as well as in a vandal-resistant stainless steel panel phone configuration. For outdoor or harsh environments, the K-1900-7 is available with (EWP) Enhanced Weather Protection.

### FURTHER INFORMATION
- Model E-35 features a built-in high-resolution color video camera with wide viewing, tilt/swivel adjustments and wide operating temperature range
- Programmable to dial up to five numbers on busy or ring no answer
- Red off-hook LED indicator
- Programmable to auto-answer on incoming calls
- Remotely programmable
- Extended temperature range (-15°F to 130°F)
- Flush-mountable using included plastic rough-in box
- Shown in optional VE-5x6 surface-mount backbox

**Anixter No.**
**Vendor No.**
**Description**

- K-1700-3 (Hands-free phone)
- K-1700-3-EWP (With Enhanced Weather Protection)
- K-1700-3-BN (Oil-rubbed bronze finish)
- K-1700-3-BN-EWP (With Enhanced Weather Protection, oil-rubbed bronze finish)
- K-1705-3-EWP (With Enhanced Weather Protection)
- K-1705-3-BN (Oil-rubbed bronze finish)
- K-1705-3-BN-EWP (With Enhanced Weather Protection, oil-rubbed bronze finish)
- E-30 (Hands-free phone)
- E-30-EWP (With Enhanced Weather Protection)
- E-35 (Video entry phone)
- E-35-EWP (With Enhanced Weather Protection)
- K-1900D-2 (Desk version, red)
- K-1900D-2 ASH (Desk version, ash)
- K-1900W-2 (Wall version, red)
- K-1900W-2 ASH (Wall-mount, ash)
- K-1900-7 (Stainless steel)
- K-1900-7-EWP (With Enhanced Weather Protection, stainless steel)
Sound, Paging and Public Address

Viking Electronics

Hot-line Touch-tone Dialer

The K-1900-5 will automatically dial a preprogrammed number, of up to 32 digits, whenever an associated telephone is taken off the hook. Using nonvolatile EZ memory, the K-1900-5 is line powered and will operate on any loop-start central office line or analog PABX/KSU extension. The K-1900-5 is easily programmed remotely or locally using a standard touch-tone phone.

FEATURES
• Touch-tone programmable
• Ring detection (will not dial on inbound calls)
• User-programmable security code
• Programmable pauses in one- and four-second increments
• Programmable to interrupt user touch-tone dialing to help control fraudulent calls from hand held dialers, etc.
• Programmable dialing speed (normal or fast)
• Can be configured to operate from a contact closure

Anixter No. Vendor No. Description
193548 K-1900-5 Hot-line touch-tone dialer

Remote Touch-tone Controller

The RC-2A Remote Controller provides remote relay operation from any standard touch-tone telephone. The controller is designed to be installed either locally or remotely. For local installations the RC-2A can be installed in series on any analog communications path, such as analog C.O. lines, analog PABX/KSU stations or Viking's W-Series Doorboxes and will passively monitor for touch-tone commands. For off-premise applications, the RC-2A will answer analog C.O. lines or PABX/KSU stations after a selectable ring delay. A field programmable access code can also be programmed to prevent unauthorized usage. The RC-2A will then allow remote relay operation.

FEATURES
• Programmable access code
• Normally open or normally closed relay

Anixter No. Vendor No. Description
122270 RC-2A Remote touch-tone controller

Push-to-call Speakerphone

The E-10A and E-20B can be connected directly to a C.O. line or analog PABX/KSU station when used in conjunction with a hot-line dialer or programmed ring down circuit. When the "Call" button is pressed, the E-10A or E-20B will come off-hook and will remain off-hook until a CPC is detected or the preselected timeout has elapsed, the unit will then automatically disconnect. For outdoor or harsh environments, the E-10A and E-20B are available with Enhanced Weather Protection (EWP). EWP products feature foam-rubber gaskets and boots, sealed connections, gel-filled butt connectors, as well as urethane or thermal plastic potted circuit boards with internally sealed, field-adjustable trim pots and DIP switches for easy on-site programming.

FEATURES
• Alternate action call button to place or cancel a call
• Intelligent call-progress detection for automatic hang-up on CPC, silence, busy signal or time out
• Line powered
• E-10A-EWP and E-20B-EWP are designed to meet IP66 Ingress Protection Rating
• Adjustable microphone and speaker volume
• Programmable maximum call length
• Selectable auto-answer feature allows remote monitoring
• Two-way hands-free communication
• Programmable VOX (mic/speaker) switching speed

FLUSH-MOUNT
Anixter No. Vendor No. Description
122128 E-10A Aluminum, black
320928 E-10A-EWP Aluminum, black with Enhanced Weather Protection

SURFACE-MOUNT
Anixter No. Vendor No. Description
254829 E-20B Plastic, light gray
320929 E-20B-EWP Plastic, light gray with Enhanced Weather Protection

Request the latest literature and guides from Anixter.
1.800.ANIXTER • anixter.com/literature
Secure Relay Controller

The SRC-1 enables a standard touch-tone phone to securely operate a set of timed relay contacts to control a doorstrike or gate controller at a remote location. The SRC-1 is fully user-programmable and uses nonvolatile memory. The SRC-1 eliminates the possibility of dialing the activation code through the entry phone using a handheld touch-tone dialer. The SRC-1 features a switchable 32 V talk battery to allow use with any of Viking’s entry phones (E Series), doorboxes (W Series) or hot-line/panel phones (K Series). The SRC-1 is installed between the entry phone and the secure phone, and will reject touch-tones from the entry phone and only operate the relay if the correct activation code (user-programmable) is given from the secure phone. The SRC-1 also provides up to 32 keyless-entry codes to operate the relay from the entry phone with one to six digits. This feature can be disabled in programming for increased security.

FEATURES
- Programmable relay activation time
- Programmable relay activation code
- Operates on any 12-24 V AC/DC power source
- LEDs for power/relay activation
- Programmable allow/restrict for dialing from entry phone
- Programmable allow/restrict for keyless entry from entry phone
- 32 keyless entry codes
- Trigger input for contact closure from postal lock, Requests-to-Exit, etc.

Anixter No. Vendor No. Description
386807 SRC-1 Secure relay controller

VE-Series Backboxes

The VE-3x5, VE-5x5, VE-6x7 and VE-5x10 add vandal and weather resistance, as well as versatility to many Viking products. The VE-Series backboxes are available in black powder painted steel or stainless steel. The weather-resistant boxes are designed to be surface mounted to a wall, post, single-gang box or a VE-GNP gooseneck pedestal.

Note: The VE-3x5 is not compatible with the VE-GNP pedestals and is not available in stainless steel.

The VE-Series backboxes are also compatible with EWP versions of these products. The VE-GNP gooseneck pedestals are designed to be used with the VE-5x5, VE-6x7 and VE-5x10 backboxes and are ideal for drive-up communications. The VE-PNL’s are VE-Series backboxes with a blank aluminum panel. The user can customize the clear-coated aluminum panel to mount Model PROX-1 card reader, keypad or switch. The kits come complete with box, gasket, panel and screws.

FEATURES
- The VE-Series surface-mount boxes are designed to surface mount the following products:
  - VE-3x5 - E-40 series and E-50 series
  - VE-5x10 - K-1500-7, K-1900-7 and K-1900-8
  - VE-6x7 - K-1700-3 and K-1705-3

Anixter No. Vendor No. Description
320931 VE-5X10 Surface-mount box for K-1500-7, K-1900-7 and K-1900-8
260190 VE-6X7 Surface-mount box for the K-700-3 and K-1705-3
366785 VE-3X5 Stainless steel surface-mount box for E-40 series and E-50
366787 VE-6X7-SS Stainless steel surface-mount box for the K-700-3 and K-1705-3
366788 VE-5X10-SS Stainless steel surface-mount box for K-1500-7, K-1900-7 and K-1900-8

ACCESSORIES

Anixter No. Vendor No. Description
320935 VE-5X5-PNL VE-5x5 with a blank clear-coated aluminum panel
339088 VE-6X7-PNL VE-6x7 with a blank clear-coated aluminum panel
339089 VE-5X10-PNL VE-5x10 with a blank clear-coated aluminum panel
320933 VE-GNP Gooseneck pedestal, black
366793 VE-GNP-SS Gooseneck pedestal, stainless steel
320934 VE-GNP-2 Dual gooseneck pedestal
366792 VE-GNP-IG Gooseneck pedestal, in-ground/wet cement-mount
The C-2000B now offers two operational modes for added flexibility. In the “Single Line Ring Through” mode, the C-2000B allows single-line phones to share a phone line with one to four entry phones. Tenants may converse with visitors and activate a contact closure to control gates or strikes. The C-2000B provides entry phone “Caller ID” and “Call Waiting Caller ID” and a “Call Waiting” tone when the phone line is in use. Tenants may gain entry at each location by entering a keyless entry code. In the Analog Station “Dial Through” mode, the C-2000B allows one to four entry phones to share one analog PABX extension or telephone line and place outgoing calls. When a remote party answers, they can converse with visitors and activate a contact closure to control gates or strikes. Monitoring entry phones, forcing doorstrike relays to operate or remote programming of the C-2000B can be accomplished by calling the analog PABX extension or telephone line connected. Authorized personnel may gain entry at each location by entering a keyless entry code. In either operational mode, the secure relay control of the C-2000B prevents the entry phone from dialing the activation code on the keypad of the entry phone or using a hand-held touch-tone dialer. An auxiliary input is available for connecting a lighted doorbell switch, a common garage door opener/receiver or an auxiliary keyless entry keypad.

**FEATURES**

- Allows one to four entry phones to share a single telephone line with a residential or business telephone system
- Compatible with the following Viking entry phones: E-10A, E-20B, E-30, E-35, E-40, E-50, E-60, E-65, E-70, E-75 series hands-free phones, K-1500-7 stainless steel panel phone, K-1700-3 and K-1705-3 hands-free phone with keypad, K-1900-8 stainless steel panel phone with keypad or with any analog touch-tone phone
- Provide entry phone-activated chimes and whole-house paging when used with a SLP-1 or SLP-4
- Up to six different keyless entry codes / “one-time use” keyless entry codes per entrance
- Up to six master keyless entry codes for use at any entrance
- Analog station “Dial Through Mode” allows entry phones to connect to analog PABX station or telephone line
- Optional “Privacy Number” allows only selected visitors to call from an entry phone
- Provides “Caller ID” and “Call Waiting Caller ID”
- Produces “Call Waiting” tones
- Lighted doorbell switch input to activate entry phone call
- One set of normally open and normally closed contacts available for each entry phone
- Programmable contact activation time
- Auxiliary input to activate timed auxiliary contact

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Vendor No.</th>
<th>Description</th>
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<tr>
<td>393145</td>
<td>C-2000B</td>
<td>Advanced door/gate and entry phone controller</td>
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Sound, Paging and Public Address

Standard Security Cables

Low-voltage Cable Shielded Plenum

Bare copper conductor
UL Listed, UL NEC Type, CMP, CL3P

SPECIFICATIONS
1. CONDUCTOR: Bare copper, stranded or solid
2. INSULATION: Flame-retardant polyvinyl chloride (FRPVC)
3. SHIELD: Aluminum/Mylar with tinned-copper drain wire
4. OVERALL JACKET: Flame-retardant polyvinyl chloride (FRPVC) natural (white)
5. STANDARDS: UL NEC Type CMP or CL3P, CMP: 22-16 AWG, CL3P: 14-12 AWG, NEC Article(s) 800, 725
6. RATINGS: 75°C, 300 V

APPLICATIONS
For use in security systems, intercom systems, sound/audio systems, access control and power-limited controls.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Conductor Size AWG</th>
<th>No. of Conductors</th>
<th>Rating</th>
<th>Insulation</th>
<th>Insulation Thickness (in.)</th>
<th>Overall Jacket Thickness (in.)</th>
<th>Nom. O.D. (in.)</th>
<th>Approx. Wt. lb./1,000 ft.</th>
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*Standard color is white, other colors available. Most items available on spools or boxes except on larger O.D. products. Diameters and weights may vary slightly between manufacturers.
Sound, Paging and Public Address

Standard Security Cables

Low-voltage Cable Shielded Nonplenum

- Bare copper conductor
- UL Listed, UL NEC Type, CMR, CL3R

**SPECIFICATIONS**
1. **CONDUCTOR:** Bare copper, stranded or solid
2. **INSULATION:** Polyvinyl chloride (PVC)
3. **SHIELD:** Aluminum/Mylar with tinned-copper drain wire
4. **OVERALL JACKET:** Polyvinyl chloride (PVC) gray
5. **STANDARDS:** UL NEC Type CMR or CL3R, CMR: 22-16 AWG, CL3R: 14-12 AWG, NEC Article(s) 800, 725
6. **RATINGS:** 75°C, 300 V

**APPLICATIONS**
For use in security systems, intercom systems, sound/audio systems, access control and power-limited controls.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Conductor Size AWG</th>
<th>No. of Conductors</th>
<th>Rating</th>
<th>Insulation</th>
<th>Insulation Thickness (in.)</th>
<th>Overall Jacket Thickness (in.)</th>
<th>Nom. O.D. (in.)</th>
<th>Approx. Wt. lb./1,000 ft.</th>
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*Standard color is gray, other colors available. Most items available on spools or boxes except on larger O.D. products. Diameters and weights may vary slightly between manufacturers.*
Sound, Paging and Public Address

Standard Security Cables

Low-voltage Cable Nonshielded Plenum

Bare copper conductor
UL Listed, UL NEC Type, CMP, CL3P

SPECIFICATIONS
1. CONDUCTOR: Bare copper, stranded or solid
2. INSULATION: Flame-retardant polyvinyl chloride (FRPVC)
3. OVERALL JACKET: Flame-retardant polyvinyl chloride (FRPVC) natural (white)
4. STANDARDS: UL NEC Type CMP or CL3P, CMP: 22-16 AWG, CL3P: 14-12 AWG, NEC Article(s) 800, 725
5. RATINGS: 75°C, 300 V

APPLICATIONS
For use in security systems, intercom systems, sound/audio systems, access control and power-limited controls.

<table>
<thead>
<tr>
<th>Anixter No.</th>
<th>Size AWG</th>
<th>No. of Conductors</th>
<th>Rating</th>
<th>Insulation</th>
<th>Insulation Thickness (in.)</th>
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<th>Nom. O.D. (in.)</th>
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*Standard color is white, other colors available. Most items available on spools or boxes except on larger O.D. products. Diameters and weights may vary slightly between manufacturers.
Sound, Paging and Public Address

Standard Security Cables

Low-voltage Cable Nonshielded Nonplenum

Bare copper conductor
UL Listed, UL NEC Type, CMR, CL3R

SPECIFICATIONS
1. CONDUCTOR: Bare copper, stranded or solid
2. INSULATION: Polyvinyl chloride (PVC)
3. OVERALL JACKET: Polyvinyl chloride (PVC) gray
4. STANDARDS: UL NEC Type CMR or CL3R, CMR: 22-16 AWG, CL3R: 14-12 AWG, NEC Article(s) 800, 725
5. RATINGS: 75°C, 300 V

APPLICATIONS
For use in security systems, intercom systems, sound/audio systems, access control and power-limited controls.

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<th>Anixter No.</th>
<th>Size AWG</th>
<th>No. of Conductors</th>
<th>Rating</th>
<th>Insulation</th>
<th>Insulation Thickness (in.)</th>
<th>Overall Jacket Thickness (in.)</th>
<th>Nom. O.D. (in.)</th>
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*Standard color is gray, other colors available. Most items available on spools or boxes except on larger O.D. products. Diameters and weights may vary slightly between manufacturers.