

Anixter Complete  
Technology Solutions

PROFESSIONAL A/V



## SOUND AND PAGING SOLUTIONS

Sound reinforcement enhances communication in a presentation and enables effective emergency communications. A professional audio system can be used in conjunction with sound and paging or provide background music or messaging in any environment.

### COMPONENTS OF YOUR COMPLETE TECHNOLOGY SOLUTIONS

Speakers	Projects audio in presentations, video and emergency situations
Microphones and VOIP Telephones	Amplifies sources used in presentations and emergency situations
Amplifiers	Ensures the sound is loud enough to be heard throughout the environment
Clocks	Provides mass notification and other communications functions and may include speakers, cameras and digital signage in addition to clock functions
Mass Notification	Provides guidance for safe evacuation and emergency shelter

### WE ADD VALUE BY ENABLING:

Technology Selection	Systems Interoperability	Project Deployment
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Public address systems that are also used for emergency notifications must meet specific performance requirements for reliability, intelligibility and audibility to comply with the Life Safety Code.

Source: NFPA 101 and 72

### COMMON CHALLENGES



Enabling **AUDIBILITY AND INTELLIGIBILITY**



Maintaining regulatory **COMPLIANCE**



Providing **FLEXIBILITY** in usage



Managing **INTEGRATION** of complex systems



Ensuring **EASE OF USE** for operators

## TECHNOLOGY SOLUTIONS



### Audibility and intelligibility

To select products that meet your needs for audibility and intelligibility, you must consider not only the size of the space but all the intended uses of the space—for example, video playback, streaming presentations, background music or mass notification. The system should be designed to meet the requirements of the Speech Transmission Index (STI) and can be tested during installation.



### Regulatory compliance

Standards for public address and mass notification in a large venue may vary depending on the industry and the municipality. We recommend working with a qualified integrator to meet local and industry requirements.



### Flexibility

A networked IP-based audio solution designed for the specific needs of the environment can provide the greatest control, automation and targeting of communications.



### Integration

To ensure the interoperability of building communications, an audio system must be properly integrated with other systems, such as mass notification and video displays.



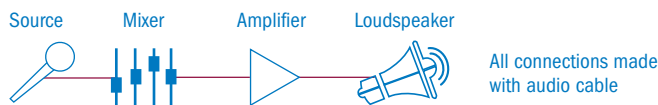
### Ease of use

Quality design is the key to ease of use. You must fully define the use of a room, and work with a qualified integrator to design a solution that meets your needs but is not more complex than necessary.

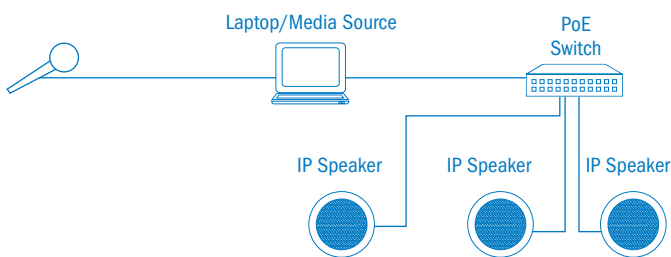
## CONCEPTUAL SYSTEM LAYOUTS FOR YOUR CONSIDERATION

Professional A/V solutions supplied by Anixter

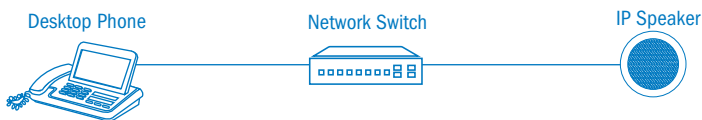
### BASIC SOUND REINFORCEMENT



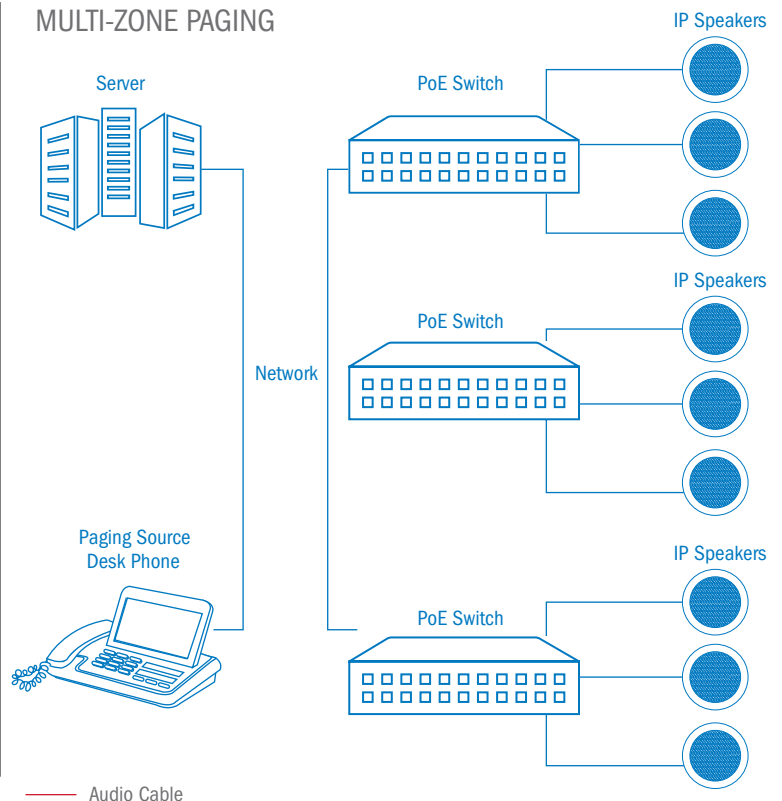
### NETWORK SOUND REINFORCEMENT



### SINGLE-ZONE PAGING



### MULTI-ZONE PAGING



— Ethernet Cable — Audio Cable

Note: Layouts do not show necessary power systems.

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At Anixter, we help build, connect, power, and protect valuable assets and critical infrastructures. From enterprise networks to industrial MRO supply to video surveillance applications to electric power distribution, we offer full-line solutions—and intelligence—that create reliable, resilient systems that can sustain your business and community. Through our unmatched global distribution network, supply chain management expertise and technical know-how, we drive efficiency and effectiveness to benefit your bottom line.