

ECHO Digital Intercom System



VOICE COMMUNICATION SYSTEM FOR IN-PLANT USE

- Up to 9072 field stations
- Addressable intercom control with auto conference
- Public address, general alarm and intercom
- PBX and radio interface
- Ordinary location, hazardous area and weatherproof stations
- Supervised fault diagnostics
- Fiber optic ready
- Field programmable
- Pre-recorded messages
- Alarm functions
- Networkable and expandable
- Windows® based software
- Ambient noise monitoring / volume tracking

ECHO digital intercom and communication systems provide addressable intercom, public address, general alarm, paging and telecommunication capabilities. A single ECHO system can provide the same level of safety, coverage and reliability normally achieved with multiple systems.

ECHO interfaces simply with a variety of third-party equipment, including fire and gas detection systems, auxiliary security systems and signals, PA/GA systems, two-way radios and telephone PBX. ECHO accepts multiple input sources for tones, pre-recorded voice messages, and background music. ECHO enables you to integrate all of your critical life safety, evacuation and communication systems.

Installation and commissioning is easy and cost effective. Off the shelf, two-conductor cable provides power, communication and control with a range of up to 2.4 miles (4km). Systems can be commissioned and customized quickly in the field or remotely with push button menu selections or a point-and-click software interface.

HOW TO ORDER

Contact our Federal Signal Sales Engineers to design a system that meets your specific requirements.

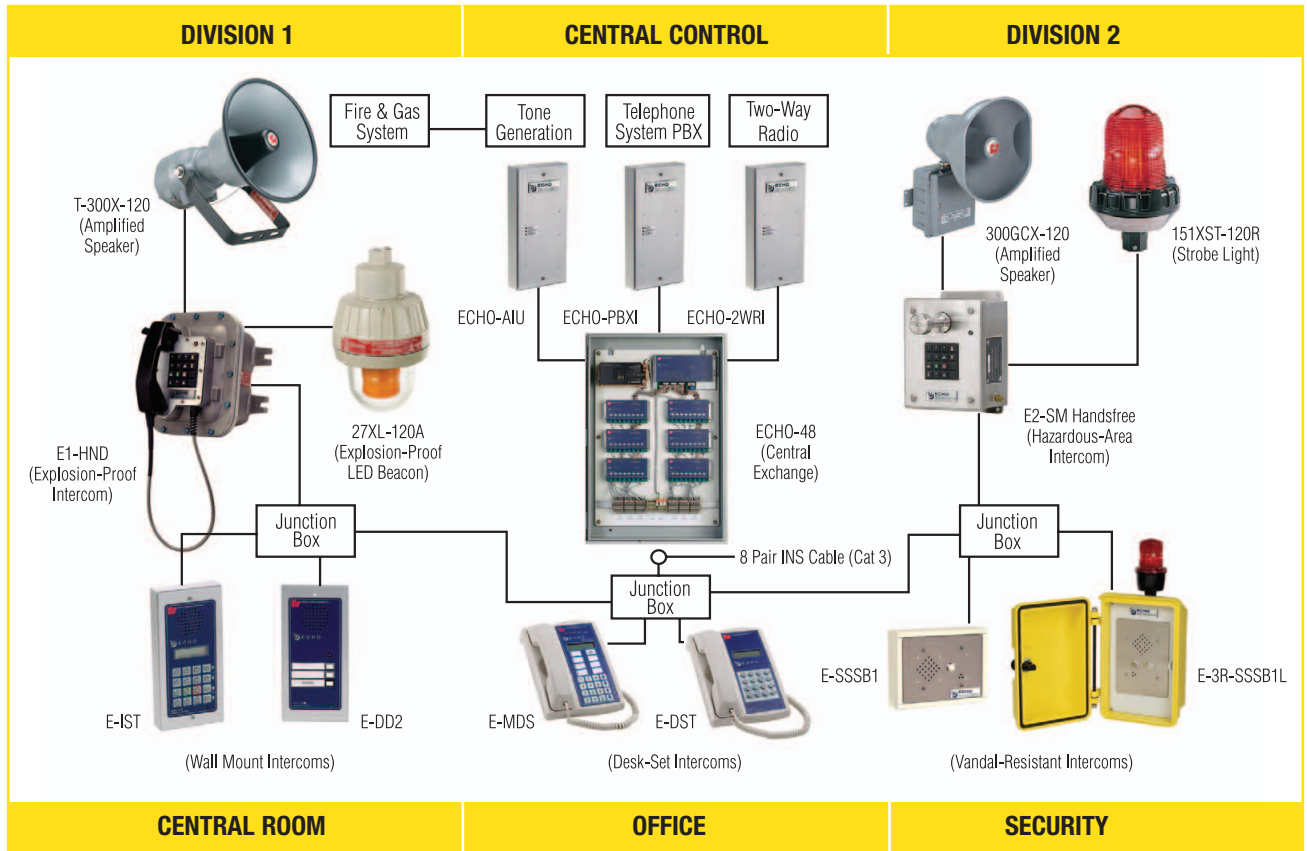
- Specify model



ECHO

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ECHO DIGITAL INTERCOM SYSTEM



Note: Power supplied to central cabinet and external powered loudspeakers and beacons only.

- Private communication, conference calls and public address
- System supervision and full fault diagnostics
- DSP technology provides crisp, clear communication and noise immunity
- Standard features include one-touch emergency paging, programmable station directory, speed dialing, caller ID and auto conference
- Hazardous-area, explosion-proof, panel mount, flush-mount, desktop, vandal-resistant and weather-proof stations
- Field programmable via Windows® interface software
- Handset, gooseneck microphone, headset, hands-free and single button communication options
- Fiber optic, PBX, two-way radio, radio pocket pager, public page and background music interfaces
- ECHO cancellation, noise and feedback elimination for digital quality/high intelligibility audio
- Industry standard low-cost wiring
- 24VDC, 120-240VAC
- Ambient noise monitoring automatically adjusts speaker volume to surpass ambient sound level