



ECHO

ECHO-8 Through ECHO-48 Central Control



ECHO-48



ECHO-8S

CENTRAL CONTROL: WALL OR RACK MOUNT

- *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 pushbutton menu selections or a point-and-click software interface. Spare parts are standardized and minimal.

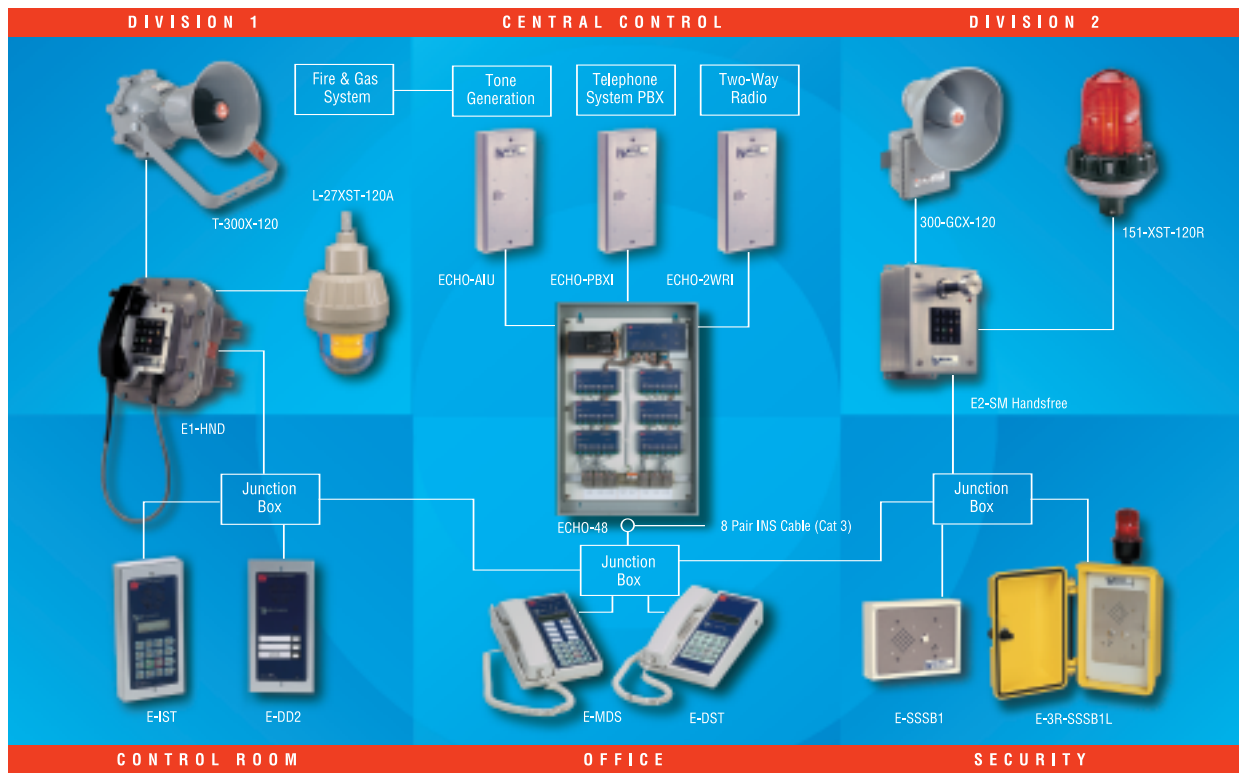
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- Private communication, conference calls and public address
- System supervision and fault diagnostics
- DSP technology provides crisp, clear communication and noise immunity
- Standard features include one-touch emergency paging, programmable station directory, speed dialing, caller ID and auto conference
- Hazardous-area, explosion proof, panel mount, flush-mount, desktop, vandal-resistant and weatherproof stations
- 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
- Field programmable via Windows interface software
- ECHO cancellation, noise and feedback elimination for digital quality/high intelligibility audio
- Industry standard low-cost wiring
- 24 VDC, 120-240 VAC
- Volume tracking automatically adjusts speaker volume to surpass ambient sound level

Rack Mounted ECHO System



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

UK - Federal Signal Corporation, Integrated Systems
 Hulley Road, Macclesfield, Cheshire SK10 2NF, UK
tel: +44 (0)1625 66 66 00 **fax:** +44 (0) 1625 611 352
web: www.fs-isys.com **email:** systems@fedsig.co.uk

USA - Federal Signal Corporation, Integrated Systems
 2645 Federal Signal Drive, University Park, IL 60466, USA
tel: +1 708-534-4723 **fax:** +1 708-534-4887
web: www.fs-isys.com **email:** systems@fedsig.com