



▶ Model ECHO E2 Series

## Class I, Division 2 Digital Intercom Stations

The E2 Series ECHO Intercom Stations provide safe and efficient two-way voice communications in ECHO Digital Intercom Systems. The E2 Series ECHO Station is designed and approved for use in Hazardous Areas including Class 1, Division 2, Groups A, B, C, and D; Class II, Division 2, Groups F and G; and Class III.

The E2 Series ECHO station provides instantaneous high-speed connections and clear, crisp digital voice quality. Each station offers single-button all call, priority emergency paging, group paging, speed dial, conference call, and relay output.

Any station can call any other station(s) in an ECHO Digital Intercom System. With the headset or gooseneck microphone options, each is capable of hands-free voice communication. Because the ECHO Digital Central Exchange provides 30 channels of simultaneous communication, calls are processed and connected immediately without dial tone or delay.

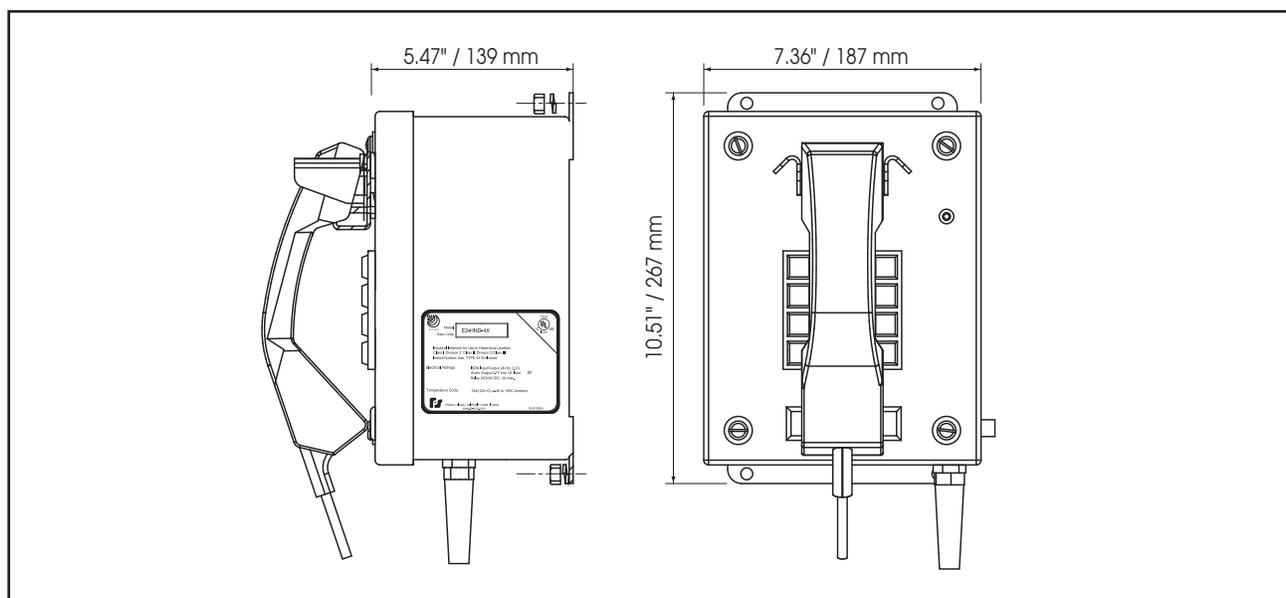
The E2 Series Station keypad is designed to provide tactile and audible feedback (via external powered loudspeaker) for positive activation. Each station may be programmed for four levels of privacy for receiving calls; non-private, semi-private, full privacy and do-not-disturb. Volume for voice and signal levels are easily adjusted on the keypad.

Each station is constructed of heavy duty, corrosion-resistant stainless steel, equipped with weatherproof keypads, and are rated for use in Type 4X dust- and water-tight applications.

### FEATURES

- All stainless steel construction
- Super-bright LED indicator
- Tactile keypad
- Headset, gooseneck microphone and handset options
- Output to powered loudspeaker
- Designed for Type 4X, IP66
- CE Certified
- UL and cUL Listed

## Class I, Division 2 Digital Intercom Stations (E2 Series)



### SPECIFICATIONS

Operating Voltage: 24VDC nominal  
(line driven from ECHO control)

Current Idle: 25 mA

Current Connected: 100 mA

Handset Microphone Type: Dynamic

Handset Material: Molded Polycarbonate/ABS Blend

Handset Cord: Stainless Steel

Stubby Microphone Type: Dynamic

Stubby Microphone Sensitivity: -54dBA

Stubby Microphone Enclosure: Stainless Steel

Audio Output: 2.7 Vrms, 1k load

Volume Control via Keypad: 30dBA in ten steps

Line Attenuation: 24dBA@160kb/s Max

Loop Resistance: 170 Ohm Max

Distance: 1.2 miles 2 km Max

Cable: One twisted pair, non-shielded

Cable Entries: 3 x 1/2" NPT (ø22mm) hole

Operating Temperature Range: -50°C to +65°C

Termination: Plug-in screw terminal, non-polar

Relay Switching Capacity: 3A at 240VAC

Net Weight: 9.9 lbs 4.5kg

Shipping Weight: 14.8 lbs 6.7kg

Shipping Dimensions: 20.63" x 14.13" x 13.63"  
524mm x 359mm x 346mm

### HOW TO ORDER

#### Specify Model:

- E2-HND** – Station with Handset
- E2-SM** – Station with Stubby Microphone (65mm)
- E2-HDS** – Station with Headset
- E2-HND-4X** – E2-HND in 4X enclosure (IP66)
- E2-SM-4X** – E2-SM in 4X enclosure (IP66)
- E2-HDS-4X** – E2-HDS in 4X enclosure (IP66)
- E2-GM1** – Gooseneck microphone, 260mm
- E2-GM2** – Gooseneck microphone, 440mm
- E2-GM3** – Gooseneck microphone, 590mm



**E2-SM**



**E2-HDS**



**E2-SM-4X**