



► Model ECHO E-DD1 and E-DD2

Single and Dual Direct Dial Sub-Station

The Federal Signal Models E-DD1 and E-DD2 Single and Dual direct dial substations provide efficient, hands free duplex two-way voice communications with single button call capability. Applications include doors, dock areas or any location where limited call selection is needed. The stations instantly adjust volume levels to compensate for high ambient noise levels while providing instantaneous high-speed connections.

The E-DD1 / E-DD2 direct dial substations may be preprogrammed to call any other station in the system. E-DD1 Single Call Station can call one location, E-DD2 Dual Call Station can call two locations. By pressing the Call button on the station, a call will be placed to the station at the preprogrammed location. A call may be canceled by depressing the cancel button. Built-in relay contacts may be activated from the calling Master Station for remote door control or anything that a normally open dry contact can initiate.

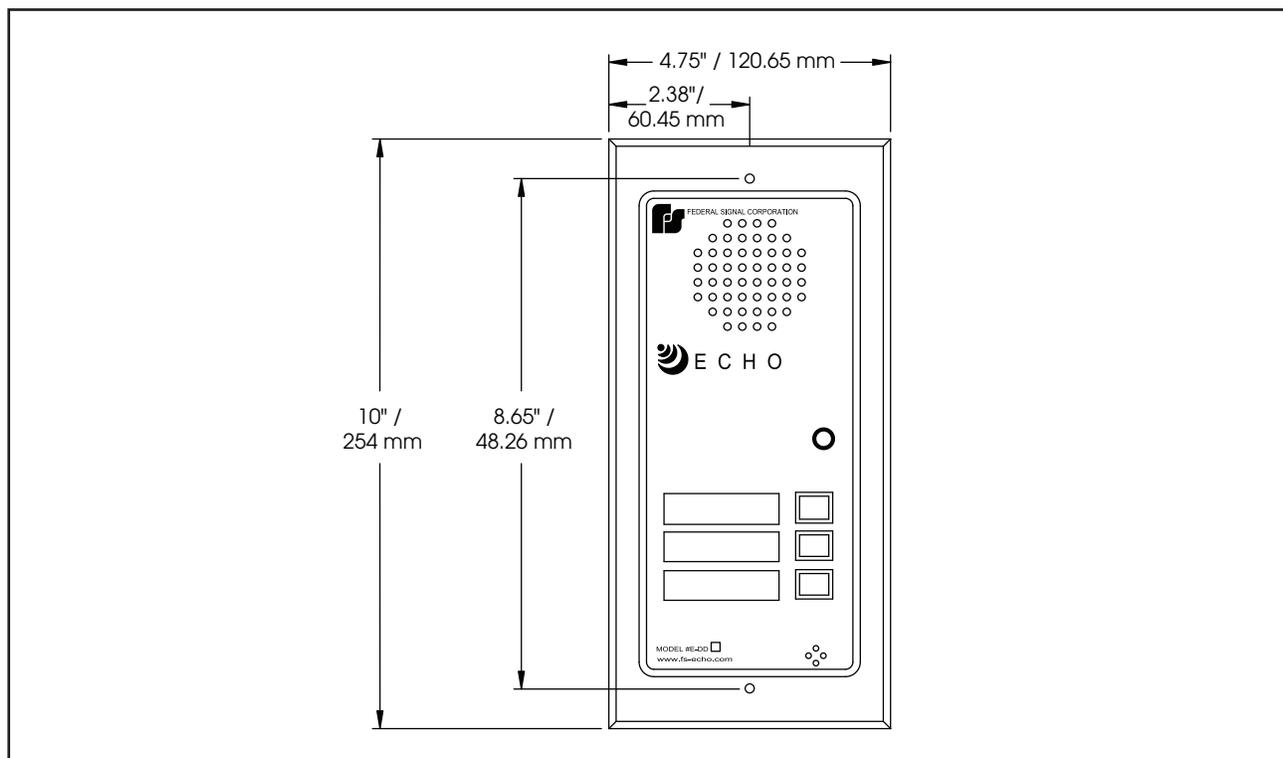
The E-DD stations are constructed of heavy gauge anodized aluminum with a rugged Mylar face plate. The E-DD1 Single Call Station is equipped with one Call and one Cancel button and a Call Placed LED. The E-DD2 Dual Call Station has two Call buttons, one Cancel button and a Call Placed LED. Both units have built-in, heavy-duty relay contacts. The units are intended for indoor use with flush E-BB2 Back box or E-SMB Surface Box.

The E-DD stations may be programmed for call destination, volume level and other features using any LCD Station in the system or via the Windows based programming software Model ECHO-SFW.

FEATURES

- Hands-free duplex voice communication
- Place calls to one or two predetermined locations
- Receive calls from any station in the system
- Remotely controlled contacts for gate/door activation
- Call status LED
- Remotely programmed using LCD stations or ECHO Windows® based software
- CE Certified

Single And Dual Direct Dial Sub-Stations (E-DD1 / E-DD2)



SPECIFICATIONS

Operating Voltage:	24VDC nominal (line driven from ECHO control)
Current Idle:	250 mA
Current Connected:	650 mA
Microphone Type:	Electret
Microphone Sensitivity:	-70dBA
Audio Output:	1.0 watt
Loudspeaker Size:	2.5 in
Loudspeaker Impedence:	45 Ohms
Volume Control via Keypad:	30dBA in ten steps
Line Attenuation:	24dBA@160kb/s Max
Loop Resistance:	170 Ohm Max
Distance:	1.2 miles 2km Max
Cable:	One twisted pair, non-shielded
Termination	Plug-in screw terminal, non-polar
Relay Switching Capacity:	5A at 24VDC 3A at 240VAC
Net Weight:	1.2 lbs 0.5kg
Shipping Weight:	1.5 lbs 0.68kg
Shipping Dimensions:	13.25" x 7.13" x 3" 337mm x 181mm x 76mm

HOW TO ORDER

Specify Model:

- E-DD1** – Wall mounted single direct dial substation
- E-DD2** – Wall mounted dual direct dial substation

OPTIONAL ACCESSORIES

Description	Part Number
Fiber Optic Interface	ECHO-FOTI
Back Box For Flush Mounting	E-BB2
Back Box For Surface Mounting	E-SMB



E-BB2 Flush Mount Back Box
Back box for flush wall mounting, galvanised steel, 0.5 lbs / 0.230 kg



E-SMB Surface Mount Back Box
Back box for surface wall mounting, anodised aluminum, 0.5 lbs / 0.230 kg