Description

ICE-400 intercom stations are half-duplex 2-wire intercoms that are compatible with DXI SAB-400/401 station audio boards and DXL SCC-400/401 station control cards.

ICE-401 intercom stations are half-duplex 2-wire intercoms like the ICE-400 but with added support for an LED and/or other control functions. These stations are compatible with DXI SAB-401 station audio boards and DXL SCC-401 station control cards.

ICE-400/401 intercom stations are manufactured with vandal resistant 11-gauge stainless steel faceplates for installation in high security areas. They feature a microphone pre-amplifier that improves audio clarity and reduces channel crosstalk. Multiplexing circuitry allows both audio and switch data to be carried over a single shielded pair cable (for reduced station installation cost).

Stations for both 2-gang and 3-gang electrical boxes can be ordered with a wide range of standard features. Choices include 0, 1, or 2 vandal resistant switches, an LED indicator, and a selection of laser engravings. Intercom stations that require non-standard features are also available by custom order.

Features

- half duplex audio channel to the intercom master
- steel offset grille baffle plate protects the speaker from physical damage
- 11 ga heavy-duty brushed stainless steel faceplate
- 2.5” mylar cone loudspeaker/microphone
- choice of 0, 1, or 2 vandal resistant long life switches
- switches are programmable for call request, program selection, or other functions
- stainless steel hardware and circuit board conformal coating provides protection in exterior versions
- compatible with all standard #6-32 mounting hardware allowing any type of security screw to be used
- single shielded twisted pair cabling for audio and all signalling including LED
- includes an internal preamplifier for superior audio quality
- optional LED indicator can be programmed for various status conditions (401-series only)
- depluggable MTA-100 connector eliminates wire stripping during servicing and installation

Specifications

Physical

2-gang
4.5” H x 4.5” W x 1.4” D
(114 x 114 x 36 mm)
Minimum backbox depth 1.75”

3-gang
4.5” H x 6.4” W x 1.4” D
(114 x 163 x 36 mm)
Minimum backbox depth 1.75”

Faceplate

11 ga stainless steel

Environmental

Interior 32 to 122 °F (0 to 50 °C)
Exterior  -40 to 122 °F (-40 to 50 °C)
Storage Temperature -40 to 158 °F (-40 to 70 °C)
Humidity 0 to 95 % non-condensing

Switch Lifetime 1 million operations

Loudspeaker 2.5” (64 mm) mylar cone

Loudspeaker Level 82 dB SPL at 1 m at 1 W

Field Connections

4 pin MTA-100 connector

Cabling

22 ga shielded twisted pair
2500 ft (750 m) maximum
**Ordering Information (Standard)**

Part number ICE-ABC-DEF-GHI

A  intercom series
   4  400 series (2 wire)

B  back box size
   2  2 gang
   3  3 gang

C  series compatibility
   0  400 series
   1  401 series

D  faceplate options
   2  11 gauge
   3  11 gauge - labeled “Call”
   4  11 gauge - labeled “Call” and “Program”
   5  11 gauge - labeled “Call” and “Door”
   6  11 gauge - labeled “Cancel”

E  environmental
   1  interior
   2  exterior

F  switch B options
   0  none
   2  cord jack*
   6  mini-piezo
   7  vandal resistant
   8  red mushroom

G  switch A options
   0  none
   6  mini-piezo
   7  vandal resistant
   8  red mushroom

H  LED options
   0  none
   1  LED

I  reserved
   0

* call cord must be ordered separately