



ICE 400/401 Series Intercom Stations

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"
11 ga stainless steel

Faceplate

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

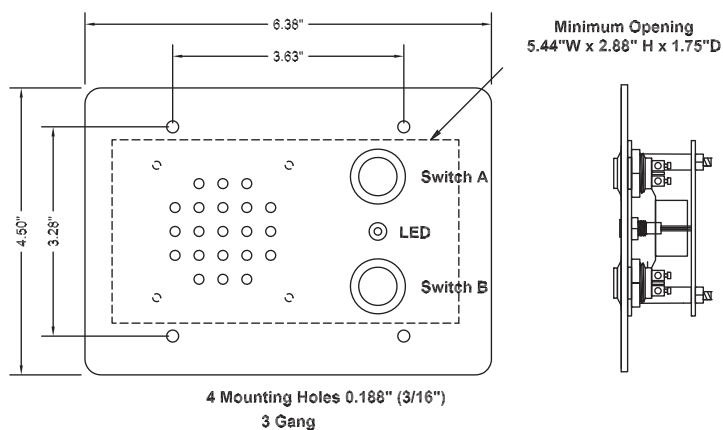
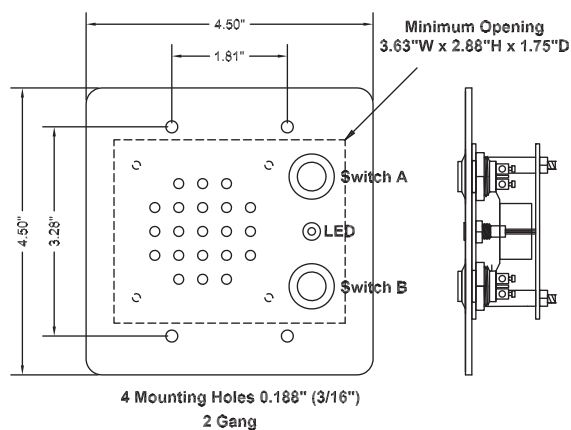
Field Connections

4 pin MTA-100 connector

Cabling

22 ga shielded twisted pair
2500 ft (750 m) maximum

Mechanical



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

Ordering Information (Custom)

Part number ICE-ABC-DEF-GHI

- A intercom series
 - 4 400 series
- B back box size
 - 2 2 gang
 - 3 3 gang
 - 9 custom
- C series compatibility
 - 0 400 series
 - 1 401 series
- DEF custom model identifier
 - CUS custom
- GHI identifier
 - 000-999 unique number assigned by factory

* call cord must be ordered separately

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