**Description**

ICE-302 intercom stations are half-duplex 25V/4-wire intercoms that are compatible with DXI SAB-300 station audio boards and DXL SCC-300 station control cards, as well as other industry standard 25V/4-wire systems. The microphone/loudspeaker is an 8-ohm speaker, aluminium cone for the 1-gang version and mylar cone for the 2 and 3-gang versions.

These stations are designed for installation in high security areas and for superb audio clarity in reverberant acoustic environments. Stations are 1 gang, 2 gang or 3 gang and can be ordered with 0, or 1 vandal resistant or piezo switch for the 1 gang or 0, 1, or 2 vandal resistant or piezo switches for the 2 and 3 gang versions. 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
- 8-ohm mylar cone loudspeaker/microphone with the 2 and 3 gang stations
- 8-ohm aluminium cone loudspeaker/microphone with the 1 gang stations
- choice of 0, 1, or 2 vandal resistant or piezo long life switches with the 2 or 3 gang stations
- choice of 0 or 1 vandal resistant or piezo long life switch with the 1 gang station
- stainless steel hardware provides protection for exterior installations
- compatible with all standard #6-32 mounting hardware allowing any type of security screw to be used
- compatible with industry standard 25V/4-wire intercoms
- multi tap transformer provides output power levels of 1, 0.5 or 0.25 watts

**Specifications**

**Physical**

<table>
<thead>
<tr>
<th></th>
<th>1-gang</th>
<th>2-gang</th>
<th>3-gang</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>4.5” H x 2.75” W x 2.0” D</td>
<td>4.5” H x 4.5” W x 1.5” D</td>
<td>4.5” H x 6.4” W x 1.5” D</td>
</tr>
<tr>
<td></td>
<td>(114 x 114 x 51 mm)</td>
<td>(114 x 114 x 38 mm)</td>
<td>(114 x 163 x 38 mm)</td>
</tr>
</tbody>
</table>

**Faceplate**

11 ga stainless steel

**Environmental**

<table>
<thead>
<tr>
<th></th>
<th>-40 to 122 °F (−40 to 50 °C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exterior</td>
<td>-40 to 158 °F (−40 to 70 °C)</td>
</tr>
<tr>
<td>Storage</td>
<td>0 to 95 % non-condensing</td>
</tr>
<tr>
<td>Humidity</td>
<td>1 million operations</td>
</tr>
</tbody>
</table>

**Switch Lifetime**

<table>
<thead>
<tr>
<th></th>
<th>LOUDSPEAKER</th>
<th>1-gang</th>
<th>2 gang, 3 gang</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEVEL</td>
<td>Loudspeaker</td>
<td>1-gang</td>
<td>2 gang, 3 gang</td>
</tr>
<tr>
<td></td>
<td>1-gang</td>
<td>2 gang, 3 gang</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1-gang</td>
<td>2 gang, 3 gang</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1-gang</td>
<td>2 gang, 3 gang</td>
<td></td>
</tr>
</tbody>
</table>

**Loudspeaker Level**

1-gang 1” (25 mm) aluminium cone
2.5” (64 mm) mylar cone

**Loudspeaker**

78 SPL at 1 m at 1 W
85 dB SPL at 1 m at 1 W

**Field Connections**

<table>
<thead>
<tr>
<th></th>
<th>Audio pigtail terminations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vandal Resistant</td>
<td>Screw terminals</td>
</tr>
<tr>
<td>Piezo Switch</td>
<td>Pigtail terminations</td>
</tr>
<tr>
<td>Cabling</td>
<td></td>
</tr>
<tr>
<td>Audio</td>
<td>22 ga shielded twisted pair</td>
</tr>
<tr>
<td>Switch</td>
<td>22 ga twisted pair</td>
</tr>
<tr>
<td>Cabling</td>
<td>2500 ft (750 m) maximum</td>
</tr>
</tbody>
</table>

**Matching transformer**

<table>
<thead>
<tr>
<th></th>
<th>line voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Taps</td>
<td></td>
</tr>
<tr>
<td>1 watt</td>
<td>orange</td>
</tr>
<tr>
<td>0.5 watt</td>
<td>yellow</td>
</tr>
<tr>
<td>0.25 watt</td>
<td>green</td>
</tr>
</tbody>
</table>
### Ordering Information (Standard)

Part number ICE-ABC-DEF-GHI  
- **A** intercom series  
  - 3 300 series (4 wire)  
- **B** back box size  
  - 1 1 gang  
  - 2 2 gang  
  - 3 3 gang  
- **C** series compatibility  
  - 2 302 series  
- **D** faceplate options  
  - 2 11 gauge  
  - 3 11 gauge - labeled “Call”  
- **E** environmental  
  - 2 exterior  
- **F** switch B options  
  - 0 none  
  - 6 piezo  
  - 7 vandal resistant  
- **G** switch A options*  
  - 0 none  
  - 6 piezo  
  - 7 vandal resistant  

### Ordering Information (Custom)

Part number ICE-ABC-DEF-GHI  
- **A** intercom series  
  - 3 300 series  
- **B** back box size  
  - 1 1 gang  
  - 2 2 gang  
  - 3 3 gang  
  - 9 custom  
- **C** series compatibility  
  - 2 302 series  
  - DEF custom model identifier  
  - CUS custom  
  - GHI identifier  
  - 000-999 unique number assigned by factory  

* must be 0 on 1 gang