



# MicroComm ICE-302 Intercom Station

## ICE 302 Series Intercom Station

### 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, aluminum 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 aluminum 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		
1-gang	4.5" H x 2.75" W x 2.0" D (114 x 114 x 51 mm)	
2-gang	4.5" H x 4.5" W x 1.5" D (114 x 114 x 38 mm)	
3-gang	4.5" H x 6.4" W x 1.5" D (114 x 163 x 38 mm)	
Faceplate	11 ga stainless steel	
Environmental		
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		
1-gang	1" (25 mm) aluminium cone	
2-gang, 3-gang	2.5" (64 mm) mylar cone	
Loudspeaker Level		
1-gang	78 SPL at 1 m at 1 W	
2-gang, 3-gang	83 dB SPL at 1 m at 1 W	
Field Connection		
Audio	Pigtail terminations	
Vandal Resistant Switch	Screw terminals	
Piezo Switch	Pigtail terminations	
Cabling		
Audio	22 ga shielded twisted pair	
Switch	22 ga twisted pair	
	2500 ft (750 m) maximum	
Matching Transformer		
Line Voltage	25 Vrms	
Power Taps	1 watt Orange	
	0.5 watt Yellow	
	0.25 watt Green	

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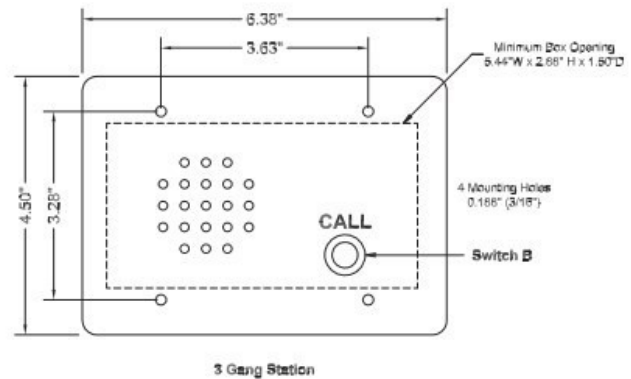
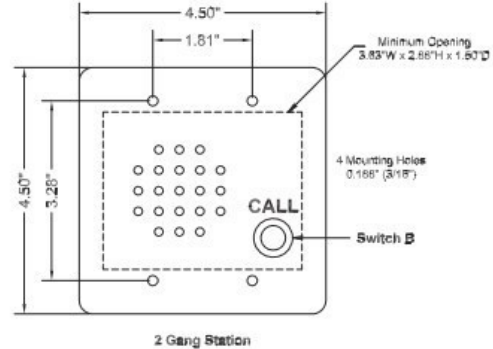
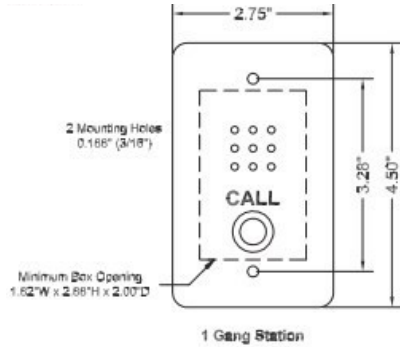
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# MicroComm ICE-302 Intercom Station

## ICE 302 Series Intercom Station

### Mechanical



### Ordering Information (Standard)

Part Number ICE-ABC-DEF-GHI

- A Intercom Series
  - 3 302 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
  - 1 Vandal Resistant
- H Reserved
  - 0
- I Reserved
  - 0

\*Must be 0 on 1-gang

### Ordering Information (Custom)

Part Number ICE-ABC-DEF-GHI

- A Intercom Series
  - 3 302 Series (4 wire)
- 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

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