



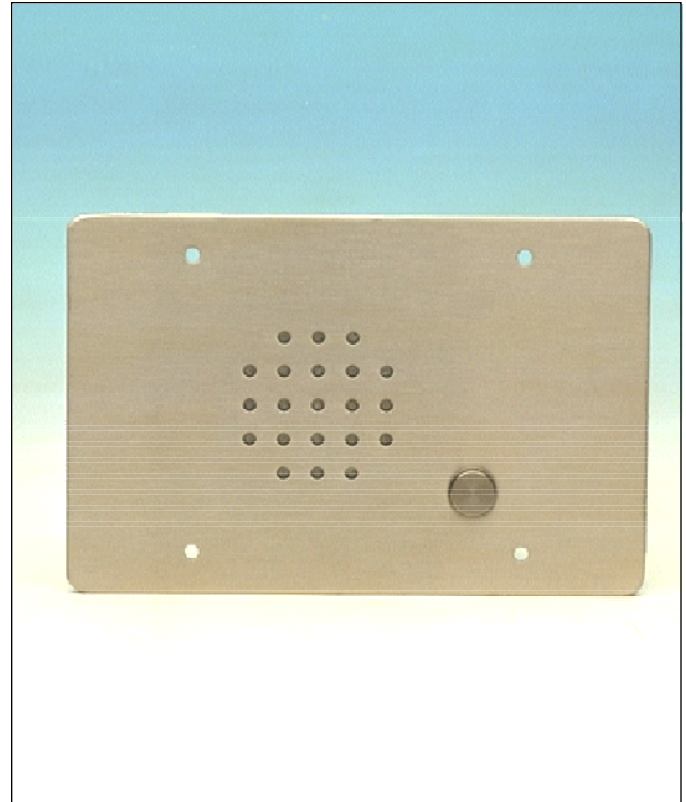
### Description

The ICM-130 is the three gang version of intercom station for use with SAB-100 station audio boards. It is suitable for use in high security areas and is designed for superb audio clarity in reverberant acoustic environments. The ICM-130 incorporates a separate loudspeaker and microphone, and circuitry for transmission of all station audio, power, switch, and indicator signals over a single shielded pair cable for reduced installation costs.

### Features

The ICM-130 intercom station features:

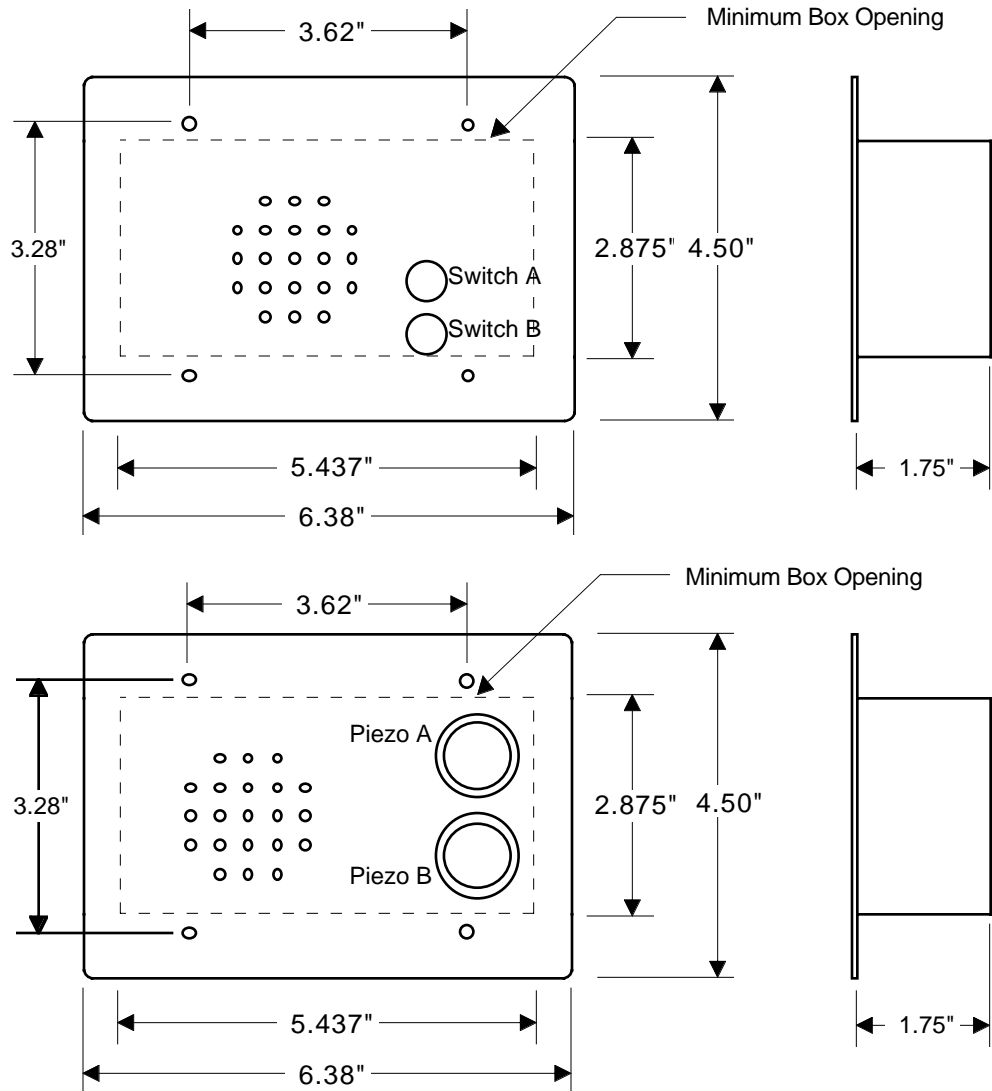
- internal termination circuitry for line fault supervision to detect open and short circuit wiring faults
- half duplex audio channel to the intercom exchange
- internal microphone and preamplifier for superior audio sensitivity
- switches are programmable for call request, program selection, or other functions
- optional status indicator LED
- LED indicator display is programmable for call request status or active call status
- steel offset grille baffle plate protects the speaker from physical damage
- conformal coating protects all electronic components from moisture in weatherproof version
- stainless steel hardware and baffle plate in weatherproof versions
- waterproof 2.5" mylar cone speaker
- choice of 0, 1, or 2 vandal resistant long life switches
- optional solid metal piezo-electric switches provide enhanced vandal resistance and extremely long life due to the total absence of moving parts
- available without internal speaker for remote speaker mounting
- single shielded twisted pair 22 ga cabling for audio, and switch(es)
- no connection to shield drain wire at the intercom station
- 4 terminal depluggable MTA100 series connector eliminates wire stripping during servicing and installation
- mounts on standard 3 gang electrical box
- compatible with all standard #6-32 mounting hardware allowing any type of security screw to be used



### Specifications

Physical	4.5" H x 6.4" W x 1.75" D (114 x 163 x 45 mm)	
Faceplate	standard heavy duty	14 ga brushed stainless steel 11 ga brushed stainless steel
Environmental	operating temperature storage temperature humidity	32 to 122 °F (0 to 50 °C) -40 to 158 °F (-40 to 70 °C) 0 to 95 % non-condensing
Field Connections		2 pin MTA100 connector
Cabling		22 ga shielded twisted pair 2500 ft (750 m) maximum length
Switch Lifetime	standard piezo-electric switch	1 million operations 50 million operations
Speaker		2.5" (64 mm) mylar cone
Speaker Level		82 dB SPL at 1 m at 1 W
Microphone Level		10 mV at 74 dB SPL

# Mechanical



## Ordering Information

Part number ICM-130-ABC-DEF

- |   |   |
|---|---|
| <p>A faceplate options</p> <ul style="list-style-type: none"> <li>1 3 gang standard</li> <li>2 3 gang heavy duty</li> <li>9 custom (add H x W x ga to part number)</li> </ul> <p>B weatherproof options</p> <ul style="list-style-type: none"> <li>1 normal</li> <li>2 weatherproof</li> </ul> <p>C switch B options</p> <ul style="list-style-type: none"> <li>0 none</li> <li>1 standard</li> <li>2 cord switch</li> <li>3 piezo-electric switch</li> </ul> | <p>D switch A options</p> <ul style="list-style-type: none"> <li>0 none</li> <li>1 standard</li> <li>2 cord switch</li> <li>3 piezo-electric switch</li> </ul> <p>E options</p> <ul style="list-style-type: none"> <li>0 none</li> </ul> <p>F internal speaker options</p> <ul style="list-style-type: none"> <li>0 none</li> <li>1 waterproof</li> </ul> |
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