



MicroComm



ICS-4X1

Intercom Specialty Stations

Description

The ICS-4X1 Intercom Specialty Station is made for applications requiring replacement intercoms for non-standard boxes, unusual switch combinations, site-specific laser etching, etc. The ICS-4X1 contains a micro-controller to provide local logical functions and is used with the DXI SAB-401 station audio board or the DXL SCC-401 station control card. The intercom incorporates the same performance features as the standard intercom stations and can be ordered to meet specific requirements of your facility.

Features

- specialty faceplates, labeling, and switch configurations for specific applications
- internal termination circuitry for line fault supervision to detect open and short circuit wiring faults
- half duplex audio channel to the intercom exchange
- internal preamplifier for superior audio sensitivity
- switches are programmable for call request, program selection, or other functions
- optional status indicator LED or logic functions
- LED indicator display is programmable for various status conditions
- steel offset grille baffle plate protects the speaker from physical damage
- 11 ga heavy-duty brushed stainless steel faceplate
- conformal coating protects all electronic components from moisture in weather resistant version
- stainless steel hardware and baffle plate in weather resistant versions
- 2.5" mylar cone speaker
- choice of standard or special switches
- available without internal speaker for remote speaker mounting
- single shielded twisted pair 22 ga cabling for audio, and switch closures
- no connection to shield drain wire at the intercom station
- 4 terminal depluggable MTA100 series connector eliminates wire stripping during servicing and installation



Specifications

Physical	User defined
Faceplate	
Heavy-duty	11 ga brushed stainless steel
Environmental	
Operating Temperature	32 to 122 °F (0 to 50 °C)
Weather Resistant Intercom	-40 to 122 °F (-40 to 50 °C)
Storage Temperature	-40 to 158 °F (-40 to 70 °C)
Humidity	0 to 95 % non-condensing
Field Connections	4 pin MTA100 connector
Cabling	22 ga shielded twisted pair 2500 ft (750 m) maximum length
Switch Lifetime	1 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

Ordering Information

Part number ICS-4X1-ABC-DEF

X	back box size	
2	2 gang	
3	3 gang	
4	4 gang	
9	custom	
A	reserved feature	
0	none	
B	reserved feature	
0	none	
C	reserved feature	
0	none	
DEF	identifier	
000-999		unique number assigned by factory

