



#### 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
- 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<br>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 |

