



## TWO-WAY INTERCOM WITH SUPERIOR SOUND QUALITY

- Multi-voltage design accepts 24VDC and 120VAC/240VAC
- Heavy-duty industrial intercom for indoor or outdoor applications
- Balanced line output
- Type 4X, IP56 enclosure
- UL Listed, CSA Certified and Marine Listed

# AudioMaster® Two-Way Intercom

Model 310-MV

Federal Signal's AudioMaster® 310-MV is an industrial intercom that provides reliable two-way communications and superior sound quality. This unit has a rugged Type 4X housing and is UL Listed and CSA Certified.

The AudioMaster 310-MV's standard features include volume control, call button, balanced line output, dust- and water-tight housing, listen/talk switch, remote device activation and the ability to power another intercom at 24VDC.

This heavy duty intercom will operate from -31°F to 150°F (-35°C to 66°C) in both indoor and outdoor applications. Remote device activation allows you to activate an auxiliary signal such as a horn or light.

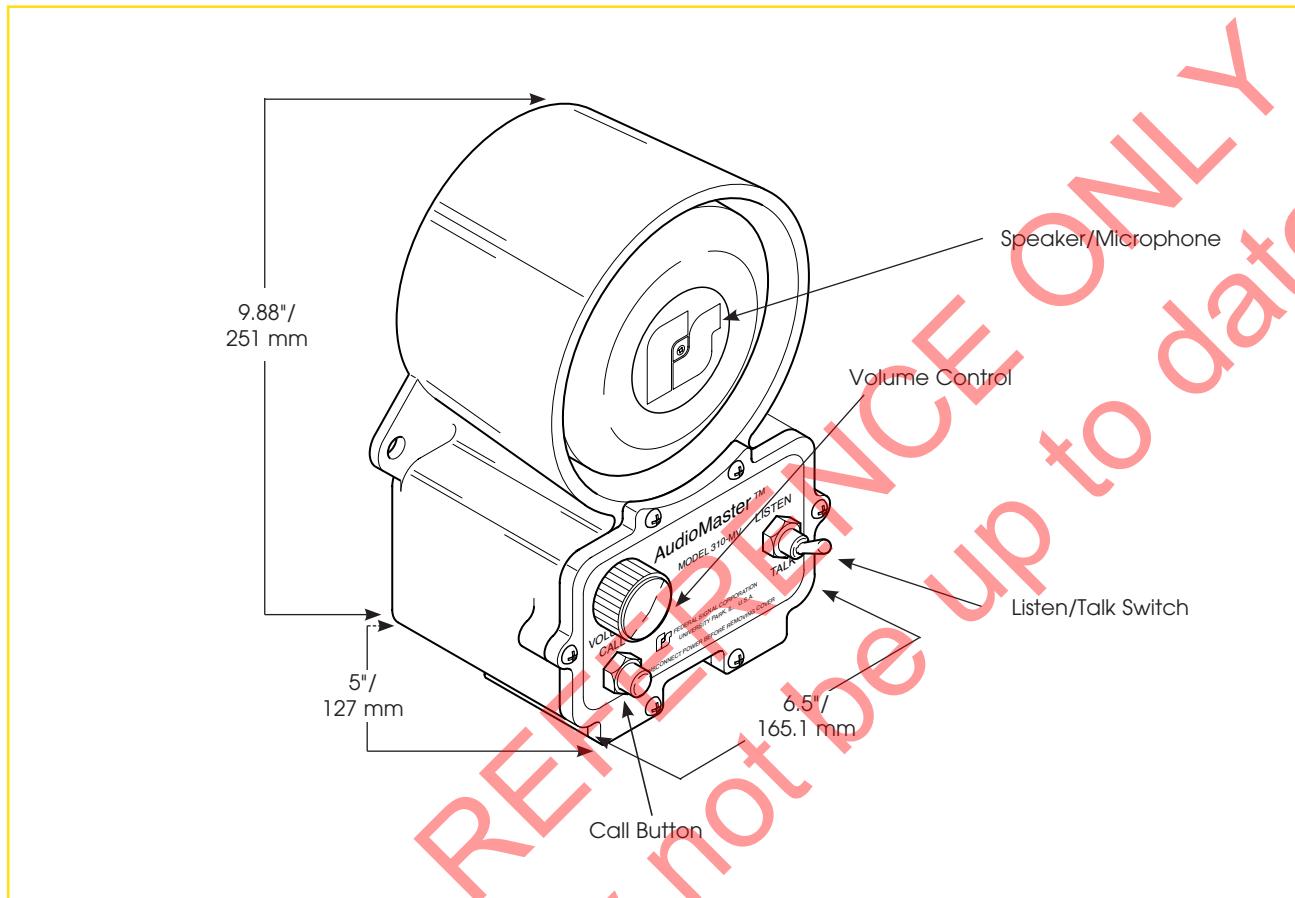
The AudioMaster 310-MV requires 24VDC, 120VAC or 240VAC to power each unit. The intercom is easy to operate. Press the switch down to talk and release to listen.

The 310-MV is ideal for use at oil refineries, petrochemical plants, offshore platforms, pulp and paper mills, water treatment facilities, airports, shipyards or anywhere reliable two-way communication is important for safe and efficient operation.

| Model  | Voltage        | Operating Current | Standby Current | Frequency Response (-6dB) | Input Impedance |
|--------|----------------|-------------------|-----------------|---------------------------|-----------------|
| 310-MV | 24VDC          | 260mA             | 62mA            | 150Hz-12KHz               | 3400 ohms       |
|        | 120VAC 50/60Hz | 163mA             | 70mA            | 150Hz-12KHz               | 3400 ohms       |
|        | 240VAC 50/60Hz | 82mA              | 35mA            | 150Hz-12KHz               | 3400 ohms       |



## TWO-WAY INDUSTRIAL INTERCOM (310-MV)



### SPECIFICATIONS

|                        |                |               |
|------------------------|----------------|---------------|
| Speaker Rating:        | 30 Watt        | 30 Watt       |
| Operating Temperature: | -31°F to 150°F | -35°C to 66°C |
| Net Weight:            | 9.9 lbs.       | 4.5 kg        |
| Shipping Weight:       | 11.5 lbs.      | 5.2 kg        |
| Height:                | 9.88"          | 251.0 mm      |
| Width:                 | 6.5"           | 165.1 mm      |
| Depth:                 | 5.0"           | 127.0 mm      |

### REPLACEMENT PARTS

| <u>Description</u> | <u>Part Number</u> | <u>Description</u>        | <u>Part Number</u> |
|--------------------|--------------------|---------------------------|--------------------|
| PC Board Assembly  | K2001915B          | Kit, potentiometer        | K8590237A          |
| Connector, 10 pin  | K140A326A-01       | Kit, toggle switch        | K8590298A          |
| Resistor, 1K, 1W   | K101216A           | Kit, call button and boot | K8590241A          |
| Fuse 250V, 1/2 Amp | K148A155A          | Permanent Slave Kit       | K8502017A          |
| Fuse 250V, 1 Amp   | K148A155A-01       | Gasket, rubber            | K8590013B          |

### HOW TO ORDER

- Specify model number
- Optional Accessories:  
Slave Kit (K8502017A)
- Please refer to Model Number Index  
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