



## INTERCOM FOR HIGH AMBIENT NOISE ENVIRONMENTS

- Multi-voltage design accepts 24VDC, 120VAC and 240VAC
- Heavy-duty industrial intercom
- Noise canceling microphone
- Balanced line output
- Type 3R enclosure
- UL Listed, CSA Certified and Marine Listed

# AudioMaster® Two-way Intercom with Noise Canceling Microphone

Model 310-MV-MNC

Federal Signal's AudioMaster® 310-MV-MNC is a two-way industrial intercom that provides reliable communications and superior sound quality.

The AudioMaster 310-MV-MNC's standard features include volume control, call button, balanced line output, 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). The remote device activation feature allows you to activate an auxiliary signal such as a horn or light. The AudioMaster 310-MV-MNC 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.

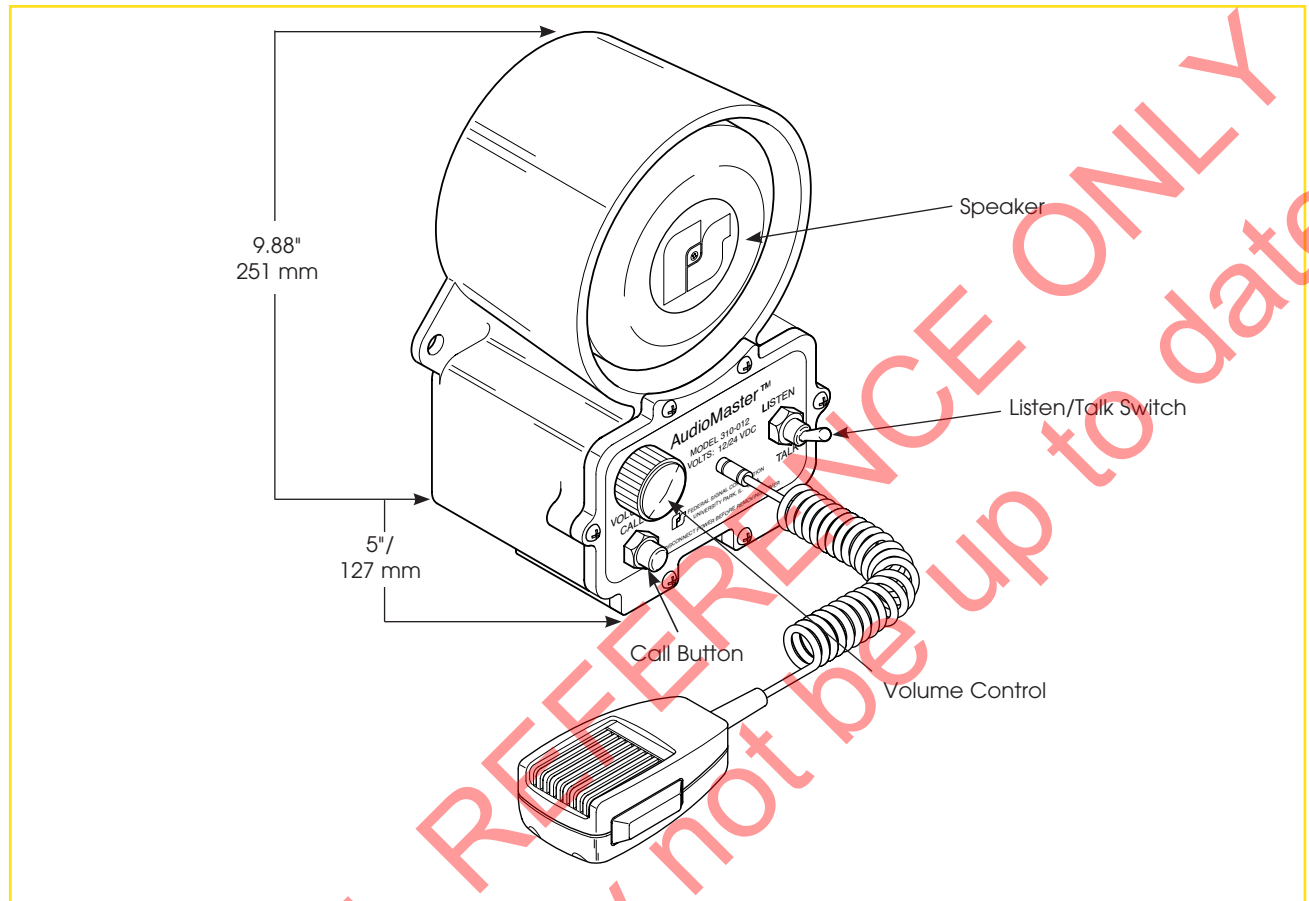
When the ambient noise level is too high for the standard 310-MV integrated microphone, the 310-MV-MNC noise canceling unit is used to improve transmission quality.

The 310-MV-MNC 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, efficient operation.

| Model      | Voltage        | Operating Current | Standby Current | Frequency Response (-6dB) | Input Impedance |
|------------|----------------|-------------------|-----------------|---------------------------|-----------------|
| 310-MV-MNC | 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-MNC)



### SPECIFICATIONS

|                        |                |               |
|------------------------|----------------|---------------|
| Speaker Rating:        | 30 Watt        | 30 Watt       |
| Operating Temperature: | -31°F to 150°F | -35°C to 66°C |
| Net Weight:            | 10.1 lbs.      | 4.6 kg        |
| Shipping Weight:       | 12.0 lbs.      | 5.4 kg        |
| Height:                | 9.88"          | 251.0 mm      |
| Width:                 | 6.5"           | 165.1 mm      |
| Depth:                 | 5.0"           | 127.0 mm      |

### HOW TO ORDER

- Specify model number
- Please refer to Model Number Index 310-MV-MNC beginning on page 376

### REPLACEMENT PARTS

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