



# AudioMaster® Hazardous Location Two-way Intercom

Model 310X-MV

## INTERCOM FOR HIGH AMBIENT NOISE ENVIRONMENTS

- Multi-voltage design accepts 24VDC, 120VAC and 240VAC
- Heavy-duty industrial intercom for indoor or outdoor applications
- Balanced line output
- Rated for Class I, Division 2
- Type 4X, IP65 enclosure
- UL and cUL Listed, CSA Certified and Marine Listed

Federal Signal's AudioMaster® 310X-MV is a two-way industrial intercom that provides reliable communications and superior sound quality. This unit has a rugged Type 4X housing and is rated for Class I, Division 2, Groups A, B, C, & D; Class II, Division 2, Groups F & G; and Class III.

The AudioMaster 310X-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 149°F (-35°C to 65°C) for both indoor and outdoor applications. Remote device activation allows you to activate an auxiliary signal such as a horn or light. The 310X-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.

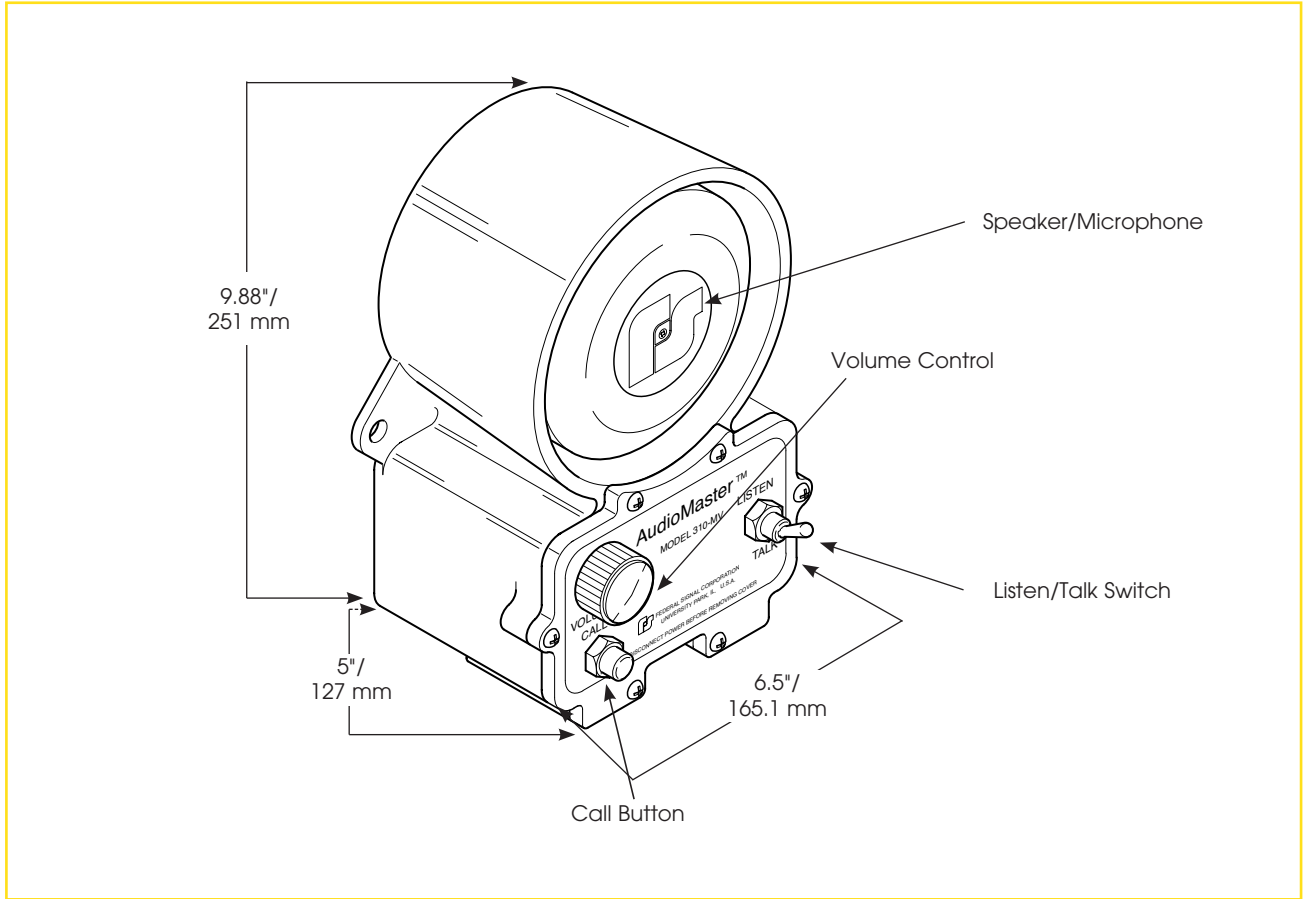
Model	Voltage	Operating Current	Standby Current	Frequency Response (-6dBA)	Input Impedance
310X-MV	24VDC	465 mA	62 mA	150Hz-12KHz	3400 Ohms
	120VAC 50/60Hz	163 mA	70 mA	150Hz-12KHz	3400 Ohms
	240VAC 50/60Hz	82 mA	35 mA	150Hz-12KHz	3400 Ohms

## Hazardous Location Rating:

Hazardous Location	T-Code at Maximum Ambient Temperature, °C	
	40°C	65°C
Class I, Div 2, Groups A, B, C, D	T4A	T4
Class II, Div 2, Groups F, G	T6	T5
Class III	T6	T5



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



### SPECIFICATIONS

Speaker Rating:	30 watt	30 watt
Operating Temperature:	-31°F to 149°F	-35°C to 65°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

- 310X-MV - Intercom, 24VDC/120VAC/240VAC, hazardous location, wall mount
- Please refer to Model Number Index 310X-MV beginning on page 360

### REPLACEMENT PARTS

<u>Description</u>	<u>Part Number</u>	<u>Description</u>	<u>Part Number</u>
PC Board Assembly	K2001915B-02	Kit, potentiometer	K8590237A
Connector, 10 Pin	K140A326A-01	Kit, toggle switch	K122A298A
Resistors, 1K, 1W	K101216A	Kit, call button and boot	K8590241A
Gasket, rubber	K8590013B		



**MICROWATT**  
Making Safety Work

Tollfree in Western Canada: 1-888-388-1592  
microwatt.com • mwsales@microwatt.com