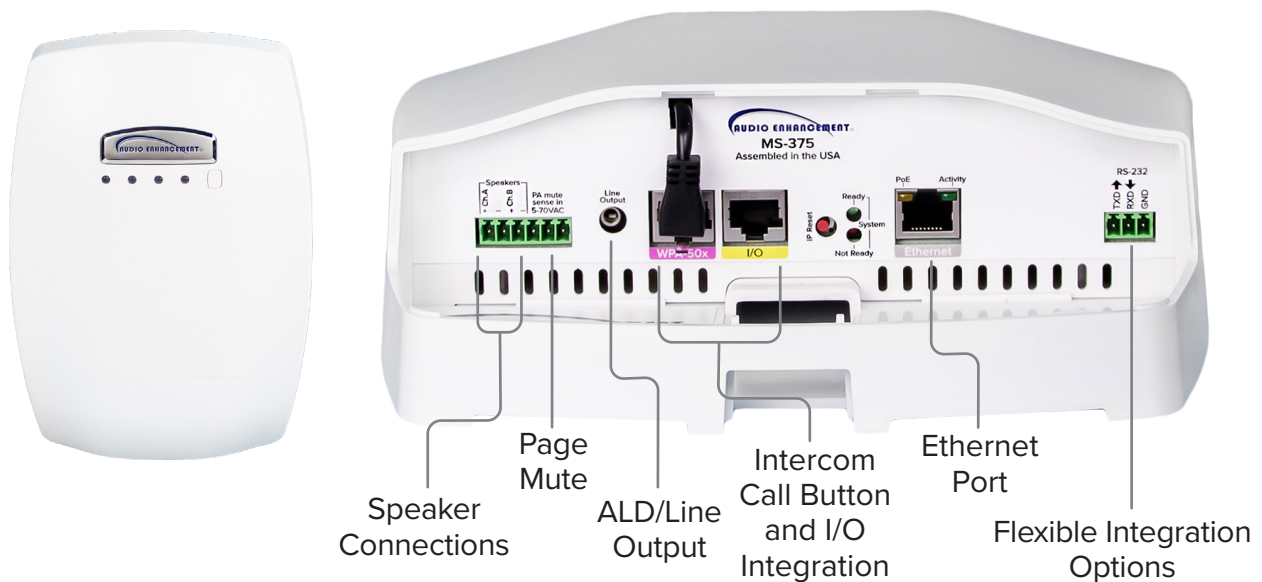




# MS-375 Network Interface

## Non- Paired SAFE Alert Range Extender



The **MS-375** is a network interface used to expand the range of the XD microphones non-paired SAFE Alert process. The entire unit is Powered over Ethernet (PoE). The unit can be placed in areas of the campus that are not densely covered by other classroom systems. (i.e. in the physical fitness area of a large Middle School or High School). The non-paired alert process allows any Audio Enhancement XD Teacher Microphone to activate a SAFE Alert from anywhere on the campus, even if they are out of range of their paired XD Receiver.

The **MS-375** features the following key benefits:

- Powered over Ethernet!
- EPIC Integration
- SAFE System Interface
- Flexible integration with other building systems (access control, strobes, etc.)

## MS-375 Specifications\*

Line Input	Internal Network Audio
Line Outputs	1 Unbalanced (3.5 mm) output
Minimum Load Impedance	4 Ohms
Amplifier Type	92% Efficient Class D for network audio only
Continuous Power @ 1% THD	25 Watts powered by PoE†
S/N	>89 dB @ 20 Hz to 20 kHz at maximum output
Protection Circuits	Thermal and short circuit protected
PA Connector	Connects to public address system and mutes amplifier during announcements Input Voltage: 4.0 Volts RMS to 74 Volts RMS
Control Port	RS-232, 3-pin screw terminal block header, RJ45 remote control port <ul style="list-style-type: none"> <li>• RS-232 communication port</li> <li>• Intercom call, emergency alert, room microphone wall plate port (WPA-50x)</li> <li>• Input/output (I/O) aux port for sense, strobe, etc.</li> </ul>
Power Supply	PoE + 802.3af/at‡
Temperature/Humidity	Storage: -40 to 158°F (-40° to +70°C) 10-90% non-condensing Operating: -32-122°F (0 to +50°C) / 10-90%
Enclosure Type	Metal
Ethernet I/F	10/100 Mbps
Power Input (Network)	PoE 802.3af/at‡
Operating Temperature	14 F to 122°F (-10°C to 50°C)
Protocols	SIP RFC 3261 compatible UDP Directed Broadcast Multi-cast and VoIP enabled
Lineout: Output Signal Amplitudes	2.0 VPP maximum
Output Level	+2 dBm nominal
Total Harmonic Distortion	0.5% maximum
Weight	1.3 lbs (589.67 g)
Dimensions	1.125 (H) x 9.19(W) x 3.56 (D) in. (28.57 x 233.43 x 90.42 mm)

## XD Receiver Specifications

System Frequency	XD Technology 1.9 GHz
Coverage	Adjustable for optimal coverage from small classrooms to cafes, gyms, and other large spaces
Microphone Type	Unidirectional electret condenser microphone
Auxiliary Input	Line level 35 stereo mini jack (monaural mix)
Power Requirement	24 VDC @ 130 mA
Temperature Range	32 F - 104 F (0 C - 40 C)

## SAFE System®

### Signal Alert For Education

#### Compatible

*SAFE (Signal Alert For Education) System (patent pending) is an alert notification system not intended to be a life-saving device or prevent emergencies. Audio Enhancement, our agents, employees, subsidiaries, affiliates and parent companies are exempt from liability for any loss, damage, injury, or other consequence arising directly or indirectly from the application of our equipment. In the event of misuse or malfunction of the SAFE System or any of its components, Audio Enhancement, our agents, employees, subsidiaries, affiliates, and parent companies are exempt from liability for any loss, damage, injury, or other consequence arising directly or indirectly therefrom.*

\* All specifications subject to change.

\*\* Third party SIP license required.

† Dependent on PoE switch.

