MS-320 NETWORK INTERFACE
SPEC SHEET

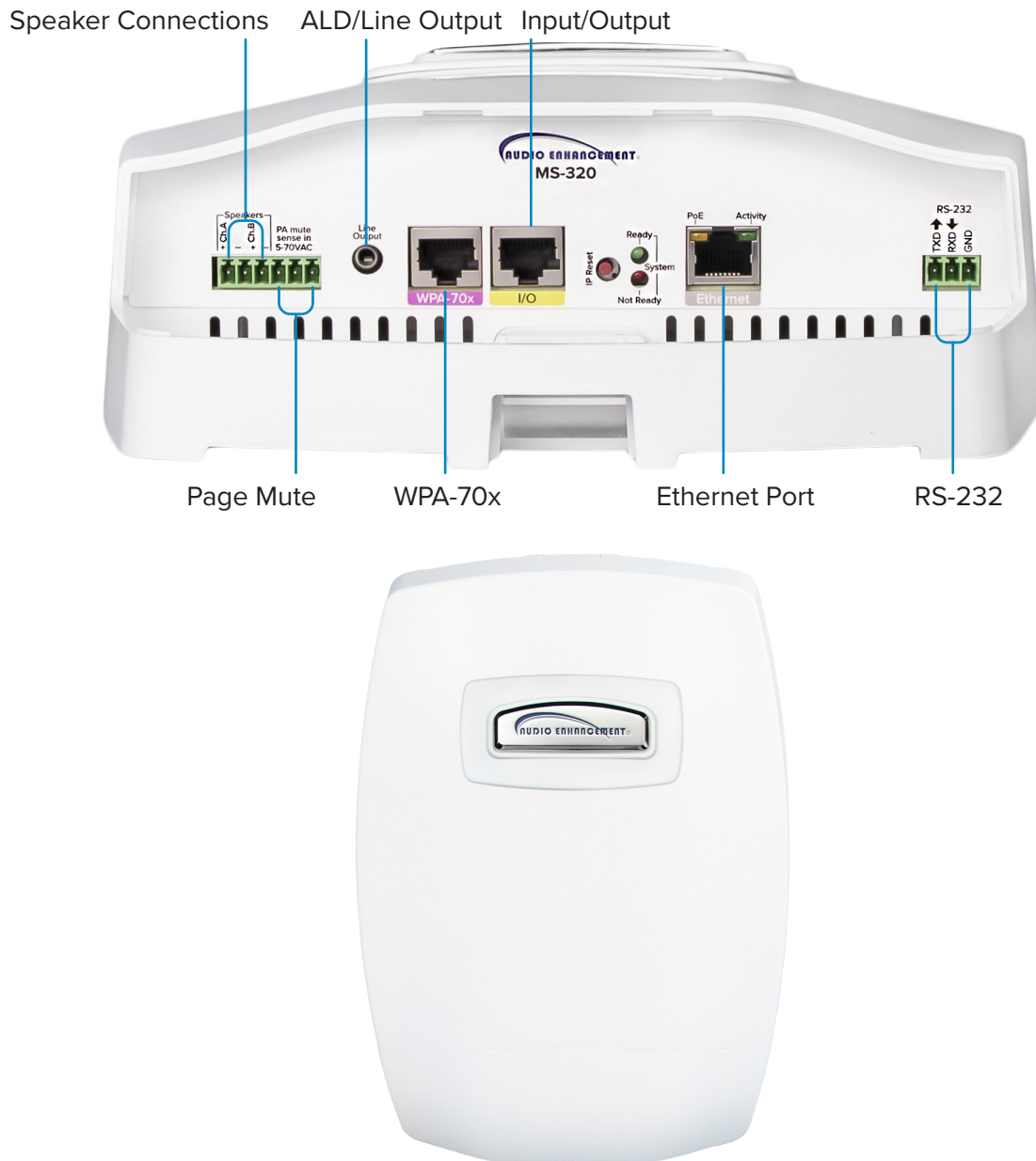**AUDIO ENHANCEMENT**®

The **MS-320 Network Interface** offers intercom, paging, and emergency notification features, allowing for full-duplex audio communication. Powered by Ethernet (PoE+), paging can still be heard during an emergency, even if there is a power outage. The MS-320 can be easily integrated as part of the SAFE System (Signal Alert For Education)®.

Speaker Connections   ALD/Line Output   Input/Output

Page Mute   WPA-70x   Ethernet Port   RS-232

SPECIFICATIONS

MS-320 NETWORK INTERFACE	
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	25W 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: 4V RMS to 74V RMS
Control Port	RS-232, 3-pin screw terminal block header, RJ45 remote control port • RS-232 communication port • Intercom call, emergency alert, room microphone wall plate port (WPA-70x) • Input/output (I/O) aux port for sense, strobe, etc.
Power Supply	PoE+ 802.3af/at[†]
Temperature/Humidity	Storage: -40 - 158 °F (-40 - 70 °C) / 10-90% non-condensing Operating: -32 - 122 °F (0 - 50 °C) / 10-90%
Enclosure Type	Metal
Ethernet I/F	10/100 Mbps
Power Input (Network)	PoE 802.3af/at[†]
Operating Temperature	14 - 122 °F (-10 - 50 °C)
Protocals	SIP RFC 3261 compatible UDP Directed Broadcast Multi-cast and VoIP enabled
Line Out: Output Signal Amplitudes	2.0 VPP maximum
Output Level	+2 dBm nominal
Total Harmonic Distortion	0.5% maximum
Weight	1.30 lbs (20.80 oz)
Dimensions	1.13 (H) x 9.19 (W) x 3.56 (D) in (28.57 x 233.43 x 90.42 mm)

[†] Dependent on PoE switch.
**Third party SIP license required.
*Functionality during power outage assumes proper power backup of network switches is in place.

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