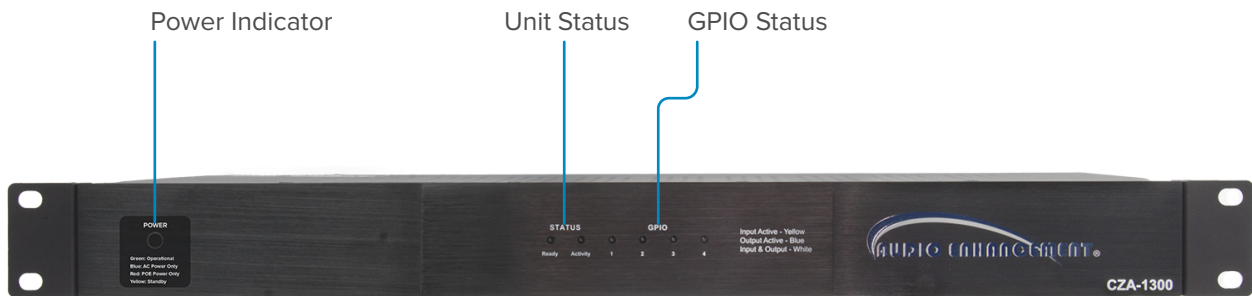


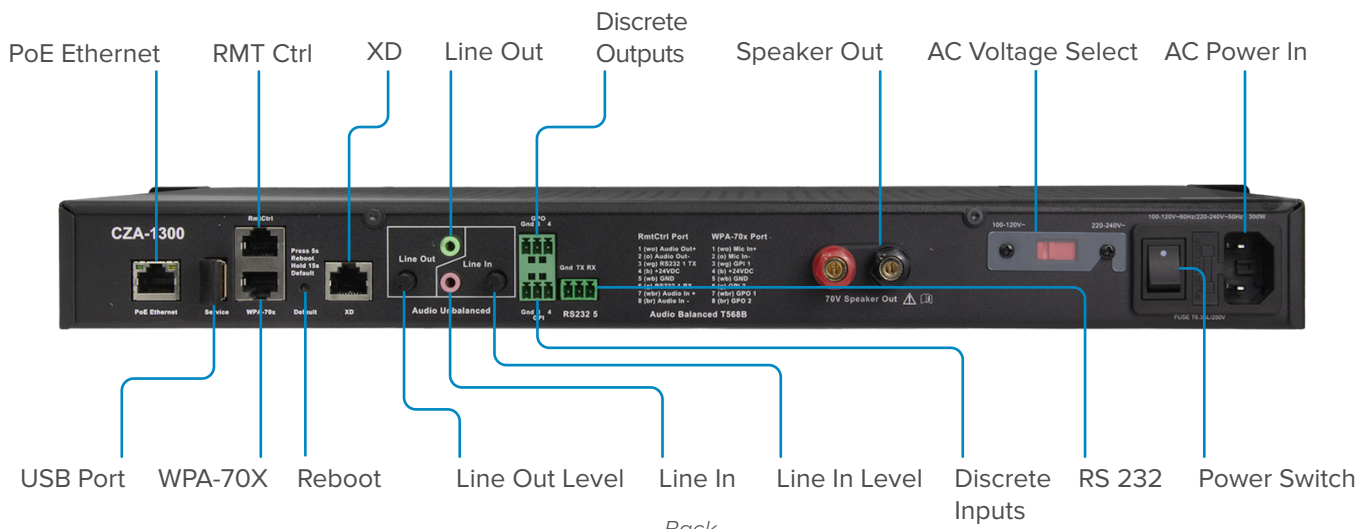
CZA-1300 AMPLIFIER SPEC SHEET



The **CZA-1300 Amplifier** is a fully integrated 70 Volt amplifier designed to integrate seamlessly with the EPIC (Education Paging & Intercom Communications) System® and provide audio in large areas like cafeterias, gymnasiums, and hallways. When used in conjunction with an Uninterruptible Power Supply (UPS) during emergencies, paging can still be heard. This unit can be installed as part of the SAFE (Signal Alert For Education) System®. It can also be connected to an XD Receiver and used as an intercom for full duplex audio.



Front



Back

SPECIFICATIONS

CZA-1300 Amplifier	
LED Information	<p>Power</p> <ul style="list-style-type: none"> Green - Powered On Blue - AC Power Only Red - POE Power Only Yellow - Standby <p>GPIO (General Purpose I/O)</p> <ul style="list-style-type: none"> Yellow - Input Active Blue - Output Active White - Input & Output Active <p>Activity Status</p> <ul style="list-style-type: none"> Off - No Active Event Red - Active Event
Line Inputs	<p>For PC, DVD audio, MP3, auxiliary mic, or other multimedia sources</p> <ul style="list-style-type: none"> (1) Unbalanced inputs (3.5 mm) (1) Microphone Input (2) Balanced inputs RJ45 connectors <p>Internal Network Audio</p>
Input Sensitivity	780 mV
Output Power	(3) 24 V RJ45 connectors
Line Outputs	<ul style="list-style-type: none"> (1) Unbalanced (3.5 mm) output (1) Balanced line outputs (RJ45 connectors)
USB	Control and configuration via software. BLE Dongle for easy setup
Speakers	70 V Speakers
Amplifier Type	92% Efficient Class D
Continuous Power @ 1% THD	300 W
S/N	>89 dB @ 20 Hz - 20 kHz at maximum output
Minimum Impedance Load	16 Ω
Protection Circuits	Thermal and short circuit protected
Control Port	<ul style="list-style-type: none"> (1) RS-232 communication ports to facilitate SAFE System communications or used to control another device such as a projector (1) RMT CTRL Ports: for integration with LCD ITC wall plate control, RJ45 (1) WPA Port, RJ45 (1) GPO port, 3 pin Phoenix (1) GPI port, 3 pin Phoenix
Power Supply	<p>100 V – 120 V/220 V – 240 V @ 300 W powers amplifier</p> <p>PoE (PoE 802.11 af) Powers all electronics except for the 70 V Speaker out Amplifier</p> <p>Both AC power and PoE power must be connected for the unit to operate.</p>
Controls	Power On/Off Switch (Rear Panel)
Temperature/Humidity	<p>Storage: -40 - 158° F (-40 - +70° C)/10-90% non-condensing</p> <p>Operating: -32 - 122° F (0 - +50° C)/10-90%</p>
Enclosure Type	Steel
Ethernet I/F	10/100 Mbps
Protocols	<p>SIP RFC 3261 compatible</p> <p>UDP Directed Broadcast</p> <p>Multi-cast and VoIP enabled</p>
Output Signal Amplitudes	2.0 VPP maximum
Output Level	+2 dBm nominal
Total Harmonic Distortion	THD+N: 1.20%
Weight	8.5 lbs (136 oz)
Dimensions	1.75 (H) x 19 (W) x 10 (D) in (44 x 483 x 254 mm)