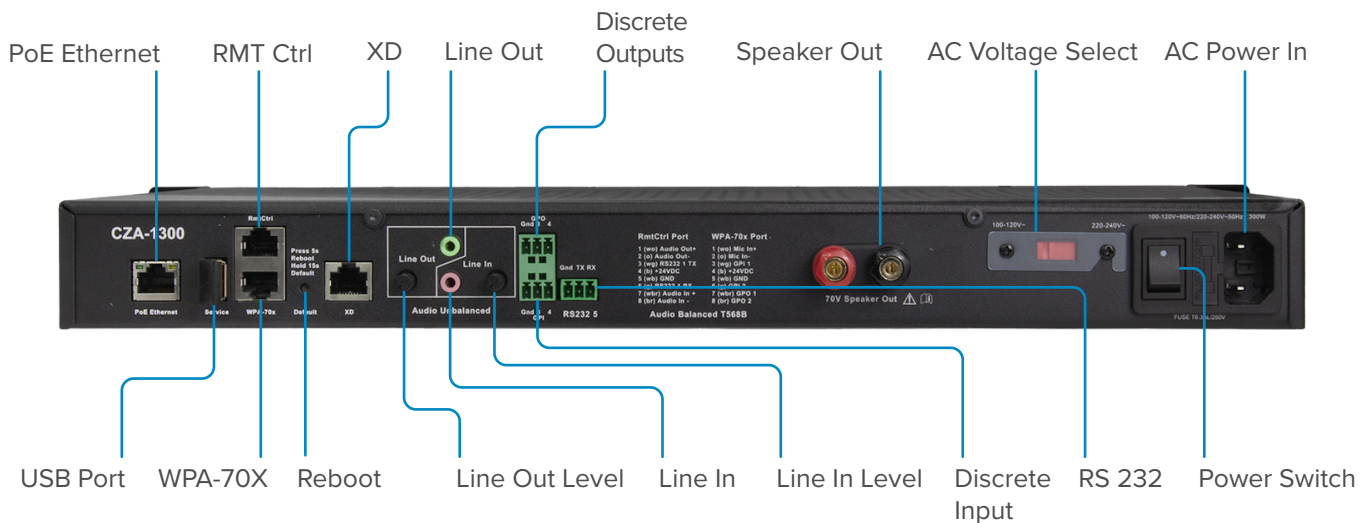
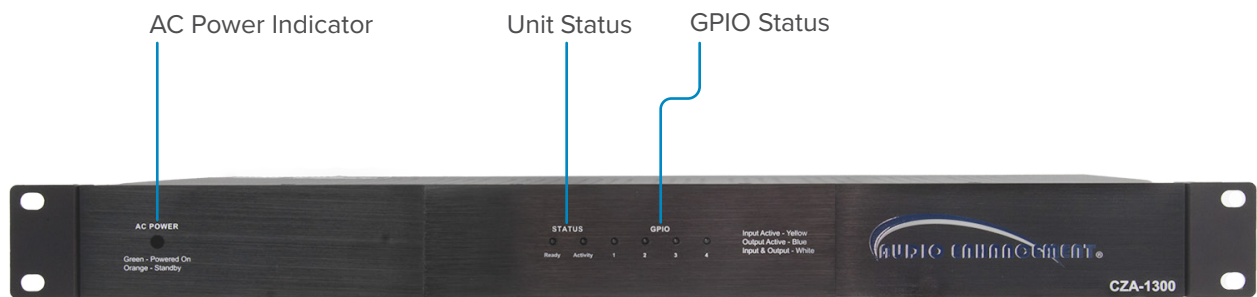


# CZA-1300 AMPLIFIER SPEC SHEET



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.



# SPECIFICATIONS

CZA-1300 Amplifier	
LED Information	AC Power Green - Powered On Orange - Standby Status Red - Booting Green - Ready GPIO (General Purpose I/O) Yellow - Input Active Blue - Output Active White - Input & Output Active
Line Inputs	For PC, DVD audio, MP3, auxiliary mic, or other multimedia sources (1) Unbalanced inputs (3.5 mm) (2) Balanced inputs RJ45 connectors Internal Network Audio
Input Sensitivity	780 mV
Output Power	(3) 24V RJ45 connectors
Line Outputs	(1) Unbalanced (3.5 mm) output (1) Balanced line outputs (RJ45 connectors)
Equalizer	5-Band Equalizer
USB	Control and configuration via software. BLE Dongle for easy setup
Speakers	70V Speakers
Amplifier Type	92% Efficient Class D
Continuous Power @ 1% THD	300 Watts
S/N	>89 dB @ 20 Hz - 20 kHz at maximum output
Minimum Impedance Load	16 Ohms
Protection Circuits	Thermal and short circuit protected
Control Port	RS-232, 3-pin screw terminal block header, RJ45 remote control port (1) RS-232 communication ports to facilitate SAFE System communications or used to control another device such as a projector (1) Remote Control Ports: for integration with LCD wall plate control (1) XD port, RJ45
Power Supply	100V – 120V/220V – 240V @ 300W powers amplifier PoE (PoE 802.11 af ) Powers all electronics except for the 70V Speaker out Amplifier Both AC power and PoE power must be connected for the unit to operate.
Controls	Power On/Off Switch (Rear Panel)
Temperature/Humidity	Storage: -40 - 158° F (-40 - +70° C) / 10-90% non-condensing Operating: -32 - 122° F (0 - +50° C) / 10-90%
Enclosure Type	Steel
Ethernet I/F	10/100 Mbps
Protocols	SIP RFC 3261 compatible UDP Directed Broadcast Multi-cast and VoIP enabled
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)