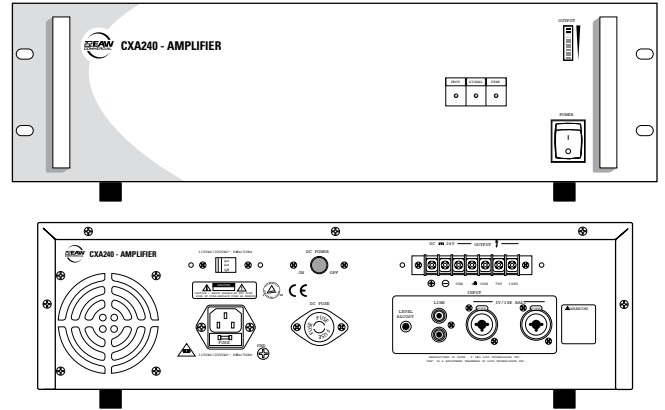


DESCRIPTION

The CXA240 is a single channel power amplifier designed for continuous duty in speech, music, paging, and sound reinforcement applications demanding high performance, flexible features, and rugged dependability. XLR and RCA jacks provide two-channel connections to the amplifier that are mixed internally. This allows connection of stereo sources or two independently controlled sources. A single level control adjusts the input sensitivity for both input channels.

The CXA240 provides outputs for 4 ohm loads and for 70 V and 100 V distributed systems. The output stage is designed with smart circuitry that protects against permanent damage caused by overloading, shorts, and extreme temperatures. The front panel has indicators for power on, signal level, signal presence, peak (clipping), and protect mode.

The CXA240 operates on 115 V or 230 V AC mains determined by a voltage select switch. A 24 V DC power input allows connecting backup battery power with automatic AC to DC switchover in the event of AC mains failure. Five year warranty.



Features

- Discrete component 240 W power amplifier
- Fan cooling with dual speed for quieter operation
- Actively balanced XLR inputs, unbalanced RCA jacks
- Dual channel inputs are summed to mono

Applications

- Paging Systems
- Hotel and Ballrooms
- Schools
- Foreground/Background Music Systems
- Houses of Worship
- Meeting Rooms
- Offices



CXA240

SINGLE CHANNEL 240 W POWER AMPLIFIER

PERFORMANCE

Inputs (balanced / unbalanced)

	Sensitivity	Impedance
	1 V	10k ohm

Output

	Maximum	Load Impedance
Low Z	240 W	4 ohm
High Z	70 V / 100 V	21 ohm / 42 ohm

Operating Range (+/-3 dB)

Main In to Amp Out	50 Hz to 15 kHz
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Noise

Main In to Amp Out	>75 dB (below maximum output)
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Distortion (THD, 240 W @ 1 kHz)

	<0.5%
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PHYSICAL

Front Controls

	Type	Range
Power Switch	AC mains	On / Off

Rear Controls

Power Switch	24 V DC	On / Off
Input Sensitivity	Level	Off to 2.2 dBu

Mains Power

	Rating	Fuse
AC (50/60 Hz)	115 V / 230 V (+/-5%)	5 A fuse
DC	24 V	
Power Input	570 W	

Environmental

Maximum Ambient	131° F / 55° C
Humidity	Non-precipitating

Dimensions (inches / mm)

H x W x D	5.25 x 18.9 x 14.5	133 x 480 x 368
Height with feet	6.1	156

Weight (approximate net lb / kg)

	31.1	14.1
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