CEP408

Quad channel 4 Ohm energy-efficient amplifier - 4 x 80W

AUDAC

Highlights:

- Energy star certified
- Terminal block input connections
- Terminal block output connections
- Input linking through miniature switches
- Compact and lightweight design
- Class-D amplifier technology

Product information:

The CEP series are professional 70/100V multi-channel energy-efficient amplifiers. The one unit height device comes into two models. The CEP408 offers four channels and has an output power of 80 Watt. Both low impedance as 70/100V, deliver high-quality amplification distributed over multiple zones in various applications. With its compact and lightweight design, the CEP series is designed with high efficiency and reliability by providing input linking through miniature switches at the back of the device in combination with Class-D amplifier technology. These switches allow daisy linking inputs from one channel to another by simply pressing the switch.

The highly efficient Class-D amplifier technology delivers an uncompromised sound experience in the most effective way. The input connections are performed with 3-Pin Terminal block connectors while the output connections are performed with a 4-pin Terminal block connector.

The multi-channel amplifier is Energy Star compliant yet can be enabled or disabled with a standby switch on the back of the device. This amplifier is an HE (1RU) 19" unit. In order to ensure maximum installer/maintenance convenience, the CEP is passively cooled.

Applications:

- Bars & Restaurants
- Corporate
- Education
- Retail

Certification:

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System specifications:

RMS/AES power handling			4 x 80 W
	@ 70 V		4 x 80 W
	@ 100 V		4 x 80 W
Outputs	Connector		4-pin Euro Terminal Block (Pitch - 5.08 mm)
Inputs	Connector		3-pin Euro Terminal Block (Pitch - 3.81 mm)
Power	Supply		100 ~ 240V AC mains operation voltage
Signal / Noise			> 100 dB
THD+N (@ 1 kHz)			< 0.05% (1/8 rated Power)
Crosstalk (@ 1 kHz)			< 70 dB
Technology			Class-D
Protection			DC Short circuit
			Over heating
			Over load
			Signal limiting
Cooling			Convection cooled
Operating temperature			0° ~ 40° @ 95% Humidity
Frequency	Response (± 3 dB)		110 Hz - 20 kHz
Power	Supply		Switching mode
	Source		100 ~ 240 V AC / 50 ~ 60 Hz
	Consumption	Standby	0.6 W
		Idle	16.4 W
		Nominal (1/3 MUP)	196 W
		Nominal (1/8 MUP)	92 W
Inputs	Sensitivity		-0.5 dB ~ 10.5 dB
	Impedance		10 kΩ balanced
	Connector		3-pin Euro Terminal Block (Pitch - 3.81 mm)
			IEC C14 Connector
			Input linking through miniature switches
Outputs	Voltage / Impedance		4 Ω
			70 V / 62.5 Ω
			100 V / 125 Ω

Product Features:

Mounting	19"
Unit height	1 HE
Colours	Black
Dimensions	482 x 44 x 355 mm (W x H x D)
Weight	6.3 kg
Construction	Steel

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