



# CEP408

Quad channel 4 Ohm energy-efficient amplifier - 4 x 80W - 70/100V

## Highlights:

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- 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:

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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:

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- null
- null
- Education
- Retail



## Certification:

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## System specifications:

Continuous power (AES)		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	null
Signal / Noise		> 100 dB
THD+N (@ 1 kHz)		null
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 ( $\pm 3$ dB)	110 Hz - 20 kHz
Power	Supply	Switching mode
	Source	100 ~ 240 V AC / 50 ~ 60 Hz
	Consumption	Standby
		Idle
		Nominal (1/3 MUP)
		Nominal (1/8 MUP)
Inputs	Sensitivity	-0.5 dB ~ 10.5 dB
	Impedance	10 k $\Omega$ balanced
	Connector	3-pin Euro Terminal Block (Pitch - 3.81 mm)
		IEC C14 Connector
		null
Outputs	Voltage / Impedance	4 $\Omega$
		70 V / 62.5 $\Omega$
		100 V / 125 $\Omega$

## Product Features:

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Mounting	19"
Unit height	1 HE
Colours	Black
Dimensions	18.98 x 1.73 x 13.98 " (W x H x D)
Weight	13.89 lb
Construction	Steel