



CEP408

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

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 power-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.



Certification:



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 (1W/1m)	-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