



# CEP803

Octo channel 4 Ohm power-efficient amplifier - 8 x 30W - 70/100V

## Highlights:

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

## Product information:

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The CEP series are professional 70/100V multi-channel power-efficient amplifiers. The one unit height device comes into two models. The CEP803 offers eight channels and has an output power of 30 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:

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## System specifications:

RMS Power	@ 4 $\Omega$	8 x 30 W	
	@ 70 V	8 x 30 W	
	@ 100 V	8 x 30 W	
Signal / Noise		> 100 dB	
THD+N (@ 1 kHz)		< 0.05% (1/8 rated Power)	
Crosstalk (@ 1 kHz)		< 70 dB	
Frequency	Response ( $\pm$ 3 dB)	110 Hz - 20 kHz	
Technology		Class-D	
Protection		DC Short circuit	
		Over heating	
		Over load	
		Signal limiting	
Cooling		Convection cooled	
Operating temperature		0° ~ 40° @ 95% Humidity	
Power	Supply	Switching mode	
	Source	100 ~ 240 V AC / 50 ~ 60 Hz	
	Consumption	Standby	0.6 W
		Idle	17.5 W
		Nominal (1/3 MUP)	150 W
Nominal (1/8 MUP)		68 W	
Inputs	Connector	IEC C14 Connector	
		Input linking through miniature switches	
Outputs	Connector	3-pin Euro Terminal Block (Pitch - 3.81 mm)	
	Connector	4-pin Euro Terminal Block (Pitch - 5.08 mm)	
Inputs	Sensitivity (1W/1m)	-0.5 dB ~ 10.5 dB	
Outputs	Voltage / Impedance	4 $\Omega$	
		70 V / 167 $\Omega$	
		100 V / 333 $\Omega$	

## Product Features:

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Mounting	19"
Unit height	1 HE
Colours	Black
Dimensions	482 x 44 x 335 mm (W x H x D)
Weight	6 kg
Construction	Steel