



# CAP412

## Quad-channel power amplifier 4 x 120W 100V

### Highlights:

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- Lightweight class-D amplifier
- Advanced protection circuit
- XLR input & linkthrough connections with gain control & HPF switch
- Terminal block output connections
- High-pass filter switch



### Product information:

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The CAP412 is a professional four channel 100V power amplifier which is capable of providing 120 Watt to each of the four separate output channels. This creates a great flexibility and new possibilities for installed multi-zone audio distribution systems. It is designed as a no-nonsense amplifier with only the necessary controls and connections which creates great simplicity in use and installation. Every output channel contains different power taps to be used in 100 Volt, 70 Volt and even 4 Ohm low impedance applications and the input signal connections are performed using balanced XLR connectors, allowing link through to other amplifiers. Besides all the desired connection possibilities, the CAP412 also offers a gain control potentiometer and a high-pass filter switch (400Hz) on the back of the unit. A built-in multipurpose protection circuit protects against DC malfunction, short circuit, overheating, overload, and limits the signal when necessary. This all is built into a double rack space, steel 19" housing.

### Applications:

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- Bars & Restaurants
- Education
- Corporate
- Clubs
- Retail

## System specifications:

RMS/AES power handling		4 x 120 W
Frequency	Response ( $\pm 3$ dB)	50 Hz - 22 kHz
Signal / Noise		> 100 dB
THD+N (@ 1 kHz)		< 0.3% (1/2 Rated Power)
Crosstalk (@ 1 kHz)		< 80 dB
Technology		Class-D
Power	Supply	Switching mode
	Source	100 ~ 240 V AC / 50 ~ 60 Hz
Inputs	Sensitivity	-0.5 dB ~ 10.5 dB
	Impedance	10 k $\Omega$ balanced
	Connector	XLR female with Male Linkthrough
Outputs	Voltage / Impedance	100 V / 83 $\Omega$
		70 V / 42 $\Omega$
		4 $\Omega$
	Connector	4-pin Euro Terminal Block (Pitch - 5.08 mm)
Common mode rejection ratio		70 dB
Protection		DC Short circuit
		Over heating
		Over load
		Signal limiting
Cooling		Temperature controlled fan
Operating temperature		0° ~ 40° @ 95% Humidity

## Product Features:

Dimensions		482 x 88 x 420 mm (W x H x D)
Weight		14.800 kg
Mounting		19"
Unit height		2 HE
Construction		Steel
Colours		Black
Accessories	Included	4 x 4-pin Euro Terminal Block outputs connector
	Optional	CPE100 Rack mount handles