



## Highlights:

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

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.



- Retail
- · Public facilities
- Corporate spaces
- · Clubs, bars, restaurants





## System specifications:

Frequency         Response (± 3 dB)         50 Hz - 2z kHz           Signal / Noise         > 100 dB           THD+N (Φ1 kHz)         < 0.3% (1/2 Rated Power)           Crosstalk (Φ1 kHz)         < 80 dB           Technology         Class-D           Power         Supply         Switching mode           Inputs         Source         100 ~ 240 V AC / 50 ~ 60 Hz           Inputs         Sensitivity (1W/1m)         -0.5 dB ~ 10.5 dB           Inputs         Connector         XLR female with Male Linkthrough           Outputs         Yoltage / Impedance         100 V / 83 Ω           Tout Queen         4 Ω           Common mode rejection ratio         70 dB           Protection         To Connector         A pin Euro Terminal Block (Pitch - 5.08 mm)           Config         Over load         Over load           Cooling         Signal limiting           Cooling         Temperature controlled FAN           Operating temperature         0 ° ~ 40° @ 95% Humidity	RMS Power		4 x 120 W
THD+N(@ 1 kHz)         < 0.3% (1/2 Rated Power)	Frequency	Response (± 3 dB)	50 Hz - 22 kHz
Crosstalk (@ 1 kHz)         < 80 dB	Signal / Noise		> 100 dB
TechnologyClass-DPowerSupplySwitching modeInputsSource100 ~ 240 V AC / 50 ~ 60 HzInputsSensitivity (1W/1m)-0.5 dB ~ 10.5 dBInputsImpedance10 kΩ balancedConnectorXLR female with Male LinkthroughOutputsVoltage / Impedance100 V / 83 ΩCompose the control of the connector4 ΩConnector4-pin Euro Terminal Block (Pitch - 5.08 mm)Common mode rejection ratio70 dBProtectionDC Short circuitProtectionOver heatingOver heatingOver loadSignal limitingCoolingTemperature controlled FAN	THD+N (@ 1 kHz)		< 0.3% (1/2 Rated Power)
Power         Supply         Switching mode           Inputs         Source         100 ~ 240 V AC / 50 ~ 60 Hz           Inputs         Sensitivity (1W/1m)         -0.5 dB ~ 10.5 dB           Inputs         Impedance         10 kΩ balanced           Outputs         Connector         XLR female with Male Linkthrough           Outputs         Yoltage / Impedance         100 V / 83 Ω           70 V / 42 Ω         4 Ω           Common mode rejection ratio         70 dB           Protection         DC Short circuit           Over heating         Over load           Signal limiting           Cooling         Temperature controlled FAN	Crosstalk (@ 1 kHz)		< 80 dB
Inputs         Source         100 ~ 240 V AC / 50 ~ 60 Hz           Inputs         Sensitivity (1W/1m)         -0.5 dB ~ 10.5 dB           Impedance         10 kΩ balanced           Outputs         Connector         XLR female with Male Linkthrough           Outputs         100 V / 83 Ω           To V / 42 Ω         4 Ω           Common mode rejection ratio         50 dB           Protection         70 dB           Protection         DC Short circuit           Over heating         Over load           Signal limiting           Cooling         Temperature controlled FAN	Technology		Class-D
Inputs Sensitivity (1W/1m) -0.5 dB ~ 10.5 dB Impedance 10 kΩ balanced Connector XLR female with Male Linkthrough Outputs Voltage / Impedance 100 V / 83 Ω 70 V / 42 Ω 4 Ω Connector 4-pin Euro Terminal Block (Pitch - 5.08 mm) Common mode rejection ratio 70 dB Protection 50 DC Short circuit 70 ver leating 70 ver load Common Medical Signal limiting Cooling 5 Temperature controlled FAN	Power	Supply	Switching mode
Impedance10 kΩ balancedConnectorXLR female with Male LinkthroughOutputs100 V / 83 Ω70 V / 42 Ω70 V / 42 ΩLanguage / Impedance4 ΩConnector4-pin Euro Terminal Block (Pitch - 5.08 mm)Common mode rejection ratio70 dBProtectionDC Short circuitProtectionOver heatingOver loadCoolingSignal limitingCoolingTemperature controlled FAN		Source	100 ~ 240 V AC / 50 ~ 60 Hz
Connector  Connector  XLR female with Male Linkthrough  100 V / 83 Ω  70 V / 42 Ω  4 Ω  Connector  4-pin Euro Terminal Block (Pitch - 5.08 mm)  Common mode rejection ratio  70 dB  Protection  Cover heating  Over heating  Over load  Signal limiting  Cooling	Inputs	Sensitivity (1W/1m)	-0.5 dB ~ 10.5 dB
OutputsVoltage / Impedance100 V / 83 Ω70 V / 42 Ω70 V / 42 Ω4 Ω4 ΩCommon mode rejection ratio4-pin Euro Terminal Block (Pitch - 5.08 mm)Protection70 dBProtectionDC Short circuitOver heatingOver loadCoolingSignal limitingCoolingTemperature controlled FAN		Impedance	10 kΩ balanced
70 V / 42 Ω 4 Ω 4 Q Connector 4-pin Euro Terminal Block (Pitch - 5.08 mm) Common mode rejection ratio 70 dB Protection DC Short circuit Over heating Over load Cooling Temperature controlled FAN		Connector	XLR female with Male Linkthrough
Connector 4-pin Euro Terminal Block (Pitch - 5.08 mm)  Common mode rejection ratio 70 dB  Protection DC Short circuit Over heating Over load  Cooling  Cooling  Temperature controlled FAN	Out to the		
Common mode rejection ratio  Protection  Over heating Over load  Cooling  Connector  A-pin Euro Terminal Block (Pitch - 5.08 mm)  A-pin Euro Terminal Block	Outputs	Voltage / Impedance	100 V / 83 ()
Common mode rejection ratio70 dBProtectionDC Short circuitOver heatingOver loadCoolingSignal limitingCoolingTemperature controlled FAN	Outputs	Voltage / Impedance	
Protection DC Short circuit  Over heating Over load Over load Signal limiting Cooling Temperature controlled FAN	Outputs	Voltage / Impedance	70 V / 42 Ω
Over heating Over load Over load Signal limiting Cooling Temperature controlled FAN	Outputs		70 V / 42 Ω 4 Ω
Cooling Over load Signal limiting Temperature controlled FAN			70 V / 42 Ω $4\Omega$ 4-pin Euro Terminal Block (Pitch - 5.08 mm)
Cooling Signal limiting Temperature controlled FAN	Common mode rejection ratio		$70$ V / $42$ $\Omega$ $4$ $\Omega$ $4$ -pin Euro Terminal Block (Pitch - 5.08 mm) $70$ dB
Cooling Temperature controlled FAN	Common mode rejection ratio		$70 \text{ V} / 42  \Omega$ $4  \Omega$ $4\text{-pin Euro Terminal Block (Pitch - 5.08 mm)}$ $70  \text{dB}$ DC Short circuit
	Common mode rejection ratio		$70\ \text{V}/42\ \Omega$ $4\ \Omega$ $4\text{-pin}$ Euro Terminal Block (Pitch - 5.08 mm) $70\ \text{dB}$ DC Short circuit Over heating
Operating temperature 0° ~ 40° @ 95% Humidity	Common mode rejection ratio		<ul> <li>70 V / 42 Ω</li> <li>4 Ω</li> <li>4-pin Euro Terminal Block (Pitch - 5.08 mm)</li> <li>70 dB</li> <li>DC Short circuit</li> <li>Over heating</li> <li>Over load</li> </ul>
	Common mode rejection ratio  Protection		70 V / 42 Ω  4 · Din Euro Terminal Block (Pitch - 5.08 mm)  70 dB  DC Short circuit  Over heating  Over load  Signal limiting

## **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