



CAP424

Four Channel 100V Power Amplifier

► Features

- 4 x 100 Volt output zones
- 240 Watt output power
- Class-D Amplifier Technology
- High Efficiency
- XLR Signal Linkthrough
- Advanced Protection circuit
- Temperature controlled fan
- High pass filter switch & signal limiter
- 19" Mounting device (2 HE)

► Applications

- Public buildings
- Warehouses
- Retail stores
- Office buildings
- Train stations, Airports
- Restaurants, Bars
- ...



The CAP Series are professional 100V Multi-Channel Power Amplifiers, containing various models with different channels and different output power configuration.

The CAP424 is the four channel version with an output power of 240 Watt at 100 Volt for each channel. This offers a flexible solution for Multi-Zone audio distribution systems with four or more independent zones.

They are designed as no-nonsense amplifiers with only the necessary controls and connections, which creates great simplicity in use and installation. A high efficiency and reliability of the devices is achieved by using switching power supplies in combination with Class-D Amplifier technology. A temperature controlled FAN constantly keeps all parts within the right operation range, while avoiding excessive buzz. A built-in multipurpose protection circuit protects against DC malfunction, Short circuit, overheating, overload and limits the signal when necessary.

The input connections are performed using balanced XLR connectors and Link output connectors are provided for link through to other amplifiers.

Besides, a high-pass filter switch (400 Hz) and a Gain adjustment potentiometer are provided for each channel.

The output connections are performed using reliable terminal block connectors and this all is housed into a solid constructed, double rack space (2 HE) 19" rack mounting housing.

► Specifications

SYSTEM SPECIFICATIONS	
RMS Power	4 x 240 Watt
Frequency response	50 Hz - 18 kHz
Signal to noise ratio	> 90 dB
THD+N by 1 kHz	< 0.3%
Crosstalk	> 70 dB
Technology	Class-D
Power supply	Switching mode
Power supply range	230~240 V AC / 50 Hz
Input Sensitivity	1 Volt RMS
Input Impedance	10 k Ohm balanced
Output Voltage / Impedance	100 V (42 Ohm)
Common mode rejection ratio	70 dB
Protection	DC Short-circuit Over heating Over load Signal limiting
Cooling system	Temperature controlled FAN
Operating temperature	0° ~ 40° at 95% Humidity
Connectors	Input: Female XLR with Male Linkthrough Output: 4-Pin Terminal block (5.08 mm pitch)
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	482 x 88 x 420 mm
Weight net	8.35 Kg
Mounting	19"
Unit height	2 HE
Construction	Steel
Colour	Black
SHIPPING & ORDERING	
Packaging	Carton box
Shipping weight and volume	11.6 Kg - 0.046 Cbm
Accessories included	4 x 4-Pin Terminal block Output con.
Optional accessories	CPE100 Rack mount handles
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products	