

# CPA12

100V Power Amplifier

## AUDAC

### ► Features

- Backup emergency 24 V power supply
- Protection circuit built-in
- 19" Mounting device
- Great sound quality
- Very user friendly
- High pass filter switch
- Ground-lift switch

### ► Applications

- Public buildings
- Restaurants
- Bars
- Warehouses
- Offices



The AUDAC CPA12 is a professional single channel 100V amplifier. The CPA12 features an output power of 120 Watt at 100V.

At the front panel are the power button and some indication LED's located.

A protection LED warns when the protection circuit is activated, a clip LED indicates when the signal is too strong and should be reduced, a -20 dB LED indicates when the signal reaches the -20 dB level and a signal LED indicates if there is an input signal present.

At the rear panel are the power connection, a separate signal input and a link output located.

The signal input and link output connections are made with balanced XLR connectors.

The input signal has a trim potentiometer to set the input level, combined with a high pass filter switch.

The output connection is fitted with a terminal connection for 100 V, 70 V or 4 Ohm application. Only 1 connection can be used at a time.

A ground-lift switch is also provided to avoid humming sound produced by ground loops.

For emergency purposes, the amplifier can also be powered, using the 24 V DC connection.

### ► Specifications

SYSTEM SPECIFICATIONS	
RMS Power	120 W
Output Level / Impedance	100 V (83 Ohm)
	70 V (42 Ohm)
	4 Ohm (21.9 V)
Input Sensitivity	0.775 Volt (Adjustable)
Input Impedance	10 k Ohm (Balanced)
Frequency Response (±3dB)	50Hz - 15kHz
T.H.D (1kHz, Rated Power)	< 1%
Signal / Noise Ratio	80 dB
Power supply	AC 100 - 240 Volt, 50 / 60 Hz
	DC 24V
Protection	DC short circuit
	Overheat
	Over load
	Signal limiting
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	482 x 88 x 330 mm
Weight net	10.5 Kg
Mounting	19"
Unit height	2 HE
Construction	Steel
Connectors	XLR / Euro Terminal block
Colour	Black
SHIPPING & ORDERING	
Packaging	Carton box
Shipping weight and volume	12 Kg - 0.046 Cbm
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products	