

## OMNITRONIC MCP-4600 4-channel amplifier

4-channel PA amplifier 4 x 600 W/4 ohms

Art. No.: 10452460

GTIN: 4026397304770



### Description:

All's wells that ends with an amp!

It has responsibility as it is the last item on the audio chain before speakers and it behooves the proper boost of the signal: the power amplifier. It basically produces one thing, volume. But proficient gadgets, like our MCP-4600, which should easily fit the volume criterion with 4 x 600 watts, do offer supplementary functions and therefore more amenities for the operator. In this case, for example, 2 controllable high and low pass filter channels are available, to reduce unwanted frequency. Additionally, two channels on the back panel can either run bridged by switch, which means both stereo channels are being compressed to mono for double power, or linked, to control the optimal performance of the two-channel system, for example. You can obviously use the 4 channels separately and due to the volume regulators, 4 zones can be filled with sound. Moreover, this amplifier is equipped with a huge security package comparable competitors do not offer. Sounds good, doesn't it?

### Features:

- 4 x 600 W/4 ohms
- Ideal for multi-zone applications and bi-amped systems
- 4 gain controls on the front panel
- Electronically balanced inputs via XLR female sockets
- Speaker connection via Banana/screw combination
- Adjustable low pass filter for 2 channels
- Adjustable high pass filter for 2 channels
- Bridged switch for bridging
- Complete protection set against overheat, overload, short-circuit, DC, softstart
- Thermal stability via two fans
- Highly efficient front-to-rear air routing
- Operation mode visible via LEDs for Protect, Clip, Signal for each channel

### Logistic

EAN / GTIN: 4026397304770

Weight: 28,40 kg

Length: 0.58 m

Width: 0.56 m

Height: 0.16 m

- Very rugged housing
- Rack installation

## Technical specifications:

Power supply:	230 V AC, 50 Hz
Power consumption:	2100.00 W
Output power:	Max. 2400 W
Frequency range:	20 - 20000 Hz
Dimensions:	Width: 48.3 cm Depth: 49 cm Height: 8.9 cm
Weight:	26.50 kg
Power output sine:	
8 ohms:	4 x 400 W
4 ohms:	4 x 650 W
8 ohms bridged:	4 x 1250 W
Damping factor:	>150
Distortion factor:	0.05 %
Signal to Noise Ratio:	95 dB
Min. input sensitivity:	0.775 V
Input impedance:	20 kohms (balanced), 10 kohms (unbalanced)
Input:	4 balanced XLR connectors
Output:	4 screw connectors
Control elements:	Power switch, Input attenuators (per channel), Low pass (two channels), High pass (2 channels)
Low pass:	50-250 Hz
High pass:	50-250 Hz
Protection:	Overheat, overload, short-circuit, DC, softstart
Indicators:	Power, Bridge, Protect, Clip, Signal
Construction:	Steel chassis
Dimensions:	482 x 490 x 90 mm
	Rack installation with 2 u
Minimum mounting depth:	510 mm

## Scope of delivery: