

## OMNITRONIC MCP-4150 4-Channel Amplifier

4-channel PA amplifier with integrated limiter 4 x 150 W/4 ohms

Art. No.: 10452410

GTIN: 4026397251036



**The article is no longer in our assortment.**

### Description:

The MCP multichannel PA amplifiers are suitable for versatile applications. For increased power output, separate channels can be combined in pairs in bridge operation. High pass filters and low pass filters which can individually be switched for each channel allow the use as a 2-way system without the need for additional crossovers. Level adjustment is tamper-proof due to recessed potentiometers on the rear side.

### Logistic

EAN / GTIN: 4026397251036

Weight: 15,20 kg

Length: 0.52 m

Width: 0.41 m

Height: 0.22 m

### Features:

- PA amplifier with integrated limiter for multi-zone applications
- 4 x 150 W/4 ohms
- 8-ohm bridge operation possible
- Signal inputs via balanced XLR mounting jacks or terminal blocks
- Speaker connection via terminal blocks
- High pass filter, low pass filter can be switched on additionally for each channel
- Tamper-proof level adjustment on the rear panel
- 7-fold output meter with clip LED per channel
- Speaker switch-on delay
- Groundlift switch against humming
- Fan cooling
- Robust steel chassis with aluminum front
- Complete protection set against short-circuit, overheat, overload, and DC voltage overlay at the outputs
- Rack installation with 3 units

## Technical specifications:

|                                |                                                                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Power supply:                  | 115/230 V AC, 50/60 Hz                                                                                                               |
| Power consumption:             | 900,00 W 1/8 power                                                                                                                   |
| Output power:                  | Max. 600 W<br>4 x 150 W RMS (4 ohms)<br>4 x 100 W RMS (8 ohms)                                                                       |
| Frequency range:               | 22 - 25000 Hz                                                                                                                        |
| Circuitry:                     | Class AB                                                                                                                             |
| Dimensions:                    | Width: 48,3 cm<br>Depth: 31 cm<br>Height: 13,35 cm                                                                                   |
| Weight:                        | 14,20 kg                                                                                                                             |
| Power output sine:             |                                                                                                                                      |
| 4 ohms:                        | 4 x 150 W                                                                                                                            |
| 8 ohms:                        | 4 x 100 W                                                                                                                            |
| 8 ohms bridged:                | 2 x 300 W                                                                                                                            |
| Damping factor:                | >200                                                                                                                                 |
| Distortion factor:             | 0.01 %                                                                                                                               |
| SN ratio:                      | 102 dB                                                                                                                               |
| Channel separation (at 1 kHz): | 61 dB                                                                                                                                |
| Slew rate:                     | >30 V/μsec                                                                                                                           |
| Min. input sensitivity:        | 0.77 V                                                                                                                               |
| Input impedance:               | 12 kohms (unbalanced), 22 kohms (balanced)                                                                                           |
| Input connectors:              | 4 x XLR female, 4 x terminal block                                                                                                   |
| Output connectors:             | 4 x terminal block                                                                                                                   |
| Control elements:              | Power switch, level control per channel,<br>crossover on/off per channel, high/low pass per<br>channel, mode switch (stereo/bridged) |
| Indicators:                    | Level with clip per channel, bridged                                                                                                 |
| Protection circuits:           | Softstart, short-circuit, overheat, overload and DC<br>voltage                                                                       |
| Construction:                  | Steel chassis with aluminum front panel                                                                                              |
| Minimum mounting depth:        | 320 mm                                                                                                                               |