

## OMNITRONIC SMA-1000 Amplifier

Stereo PA amplifier with limiter and SMPS, 2 x 500 W/4 ohms

Art. No.: 10451084

GTIN: 4026397374117



### Description:

#### Weight Watcher!

Weight reduction, a wish certainly shared by many. Generally speaking, it's all about comfort. Whether it's packed luggage, cellular phones, cameras or even amplifiers. That's right, amplifiers, too. Whoever has installed a sound system before, can really appreciate light-weight devices as opposed to an aching back. Our recommendation: the new SMA-Amplifier Series from OMNITRONIC. By virtue of its switch-mode power supply technology, it saves an enormous amount of weight, comparing to many other amplifiers. If only three amplifiers are built into a rack, differences of 30kg or more can be achieved. A factor not to be underestimated, also when transporting. After all, payload weight equally needs to be considered. But not only due to its weight, the SMA-Series also convinces due to its functions as well as its power for mid-sized and larger applications. Just give it a try, its worth it!

### Features:

- Low weight and height due to integrated switch-mode power supply
- Temperature-controlled fan, particularly quiet during operation
- Limiter and speaker switch-on delay
- Switchable bass-boost at 80 Hz with 6 dB level increase
- 3 operating modes can be selected (stereo, parallel or bridged)
- Selectable input sensitivity
- 2 level controls
- 3 LEDs for each channel for activated protective circuit (protect) overload (clip) and signal
- 2 LEDs for parallel and bridge operation
- Complete protection set against short-circuit, overheat, DC voltage and VHF signals
- Electronically balanced inputs via XLR mounting jacks, with feed-through output (stereo RCA/6.3 mm jack)

### Logistic

EAN / GTIN: 4026397374117

Weight: 9,65 kg

Length: 0.60 m

Width: 0.52 m

Height: 0.19 m

- Speaker outputs via lockable Speaker plugs
- Class AB circuitry
- Robust steel chassis
- Rack installation with 2 units
- (19") 48.3 cm rack installation

## Technical specifications:

|                      |                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------|
| Power supply:        | 230 V AC, 50 Hz                                                                                                            |
| Power consumption:   | 598.00 W                                                                                                                   |
| Output power:        | Max. 964 W<br>2 x 482 W RMS (4 ohms)<br>2 x 340 W RMS (8 ohms)                                                             |
| Circuitry:           | Class H                                                                                                                    |
| Housing design:      | (19") 48.3 cm rack installation                                                                                            |
| Dimensions:          | Width: 48.3 cm<br>Depth: 39 cm<br>Height: 8.9 cm                                                                           |
| Weight:              | 7.25 kg                                                                                                                    |
| Power output sine:   |                                                                                                                            |
| stereo 4 ohms        | 2 x 482 W                                                                                                                  |
| stereo 8 ohms        | 2 x 340 W                                                                                                                  |
| 8 ohms bridged       | 1 x 1000 W                                                                                                                 |
| Frequency range:     | 20-20000 Hz, $\pm 0.5$ dB                                                                                                  |
| Damping factor:      | >150                                                                                                                       |
| Distortion factor:   | 0.05 %                                                                                                                     |
| Slew rate:           | >20 V/ $\mu$ sec                                                                                                           |
| S/N ratio:           | >90 dB                                                                                                                     |
| Channel separation:  | >70 dB/ 1 kHz                                                                                                              |
| Input sensitivity:   | 26 dB/32 dB (2.48 V/1.244 V), switchable                                                                                   |
| Voltage gain:        | 26 dB/32 dB                                                                                                                |
| Input impedance:     | 20 kohms (balanced), 10 kohms (unbalanced)                                                                                 |
| Input connectors:    | stereo XLR                                                                                                                 |
| Output connectors:   | stereo Speaker, feed-through output (stereo RCA, stereo 6.3 mm jack)                                                       |
| Circuitry:           | class AB                                                                                                                   |
| Control elements:    | power switch, level control per channel, mode switch (stereo/parallel/bridged), sensitivity selector, peak filter selector |
| LED indicators:      | parallel, bridge (globally), protect, clip, signal (per channel)                                                           |
| Protection circuits: | short-circuit, overheat, DC voltage, VHF signals, softstart                                                                |
| Construction:        | steel chassis                                                                                                              |
| Dimensions (DxWxH):  | 390 x 483 x 92 mm (19", 2 U)                                                                                               |

**Scope of delivery:**

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