

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

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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 2 x 482 W RMS (4 ohms) 2 x 340 W RMS (8 ohms)
Circuitry:	Class H
Housing design:	(19") 48.3 cm rack installation
Dimensions:	Width: 48.3 cm Depth: 39 cm 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, ± 0.5 dB
Damping factor:	>150
Distortion factor:	0.05 %
Slew rate:	>20 V/ μ 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:
