

OMNITRONIC SMA-600 Amplifier

Stereo PA amplifier with limiter and SMPS, 2 x 300 W/4ohms

Art. No.: 10451082

GTIN: 4026397606058



The article is no longer in our assortment.

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: 4026397606058

Weight: 8,50 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: | 421,00 W |
| Output power: | Max. 648 W 2 x 324 W RMS (4 ohms) 2 x 231 W RMS (8 ohms) |
| Circuitry: | Class H |
| Housing design: | (19") 48.3 cm rack installation |
| Dimensions: | Width: 48,3 cm Depth: 34 cm Height: 8,9 cm |
| Weight: | 5,75 kg |
| Power output sine: | |
| stereo 4 ohms | 2 x 324 W |
| stereo 8 ohms | 2 x 231 W |
| 8 ohms bridged | 1 x 600 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: | >65 dB/ 1 kHz |
| Input sensitivity: | 26 dB/32 dB (2.2 V/1.05 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): | 340 x 483 x 92 mm (19", 2 U) |