

## OMNITRONIC SMA-600 Amplifier

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

Réf. : 10451082

GTIN: 4026397606058



### 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!

### Logistique

EAN / GTIN: 4026397606058

Poids: 8,50 kg

Longueur: 0.60 m

Largeur: 0.52 m

Hauteur: 0.19 m

### Caractéristiques:

- 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)

- Speaker outputs via lockable Speaker plugs
- Class AB circuitry
- Robust steel chassis
- Rack installation with 2 units
- (19") 48,3 cm installation en rack

## Données techniques:

|                                   |                                                                                                                            |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Alimentation électrique:          | 230 V AC, 50 Hz                                                                                                            |
| Puissance totale de raccordement: | 421,00 W                                                                                                                   |
| Puissance de sortie:              | Max. 648 W<br>2 x 324 W RMS (4 Ohm)<br>2 x 231 W RMS (8 Ohm)                                                               |
| Commutation:                      | Class H                                                                                                                    |
| Conception du boîtier:            | (19") 48,3 cm installation en rack                                                                                         |
| Dimension:                        | Largeur : 48,3 cm<br>Profondeur : 34 cm<br>Hauteur : 8,9 cm                                                                |
| Poids:                            | 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/μsec                                                                                                                 |
| 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)                                                                                               |

**Contenu de la livraison:**

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