



**OMNITRONIC SMA Amplifier**

Stereo PA amplifier with integrated limiter and SMPS

- Low weight due to switch-mode power supply
- 3 operating modes (stereo, parallel or bridged)
- Low noise fan
- Feed-through output (stereo RCA/6.3 mm jack)
- Extensive protection set

No. 10451082 .....	SMA-600
No. 10451084 .....	SMA-1000
No. 10451086 .....	SMA-1500
No. 10451088 .....	SMA-2000

**Technical specifications:**

Device:	SMA-600	SMA-1000	SMA-1500	SMA-2000
Power supply:	230 V AC, 50 Hz ~	230 V AC, 50 Hz ~	230 V AC, 50 Hz ~	230 V AC, 50 Hz ~
Power consumption:	421 W (1/8 power)	598 W (1/8 power)	522 W (1/8 power)	575 W (1/8 power)
Power output sine:				
stereo 4 ohms	2 x 324 W	2 x 482 W	2 x 743 W	2 x 1000 W
stereo 8 ohms	2 x 231 W	2 x 340 W	2 x 480 W	2 x 637 W
8 ohms bridged	1 x 600 W	1 x 1000 W	1 x 1500 W	1 x 2000 W
Frequency range:	20-20000 Hz, ± 0.5 dB	20-20000 Hz, ± 0.5 dB	20-20000 Hz, ± 0.5 dB	20-20000 Hz, ± 0.5 dB
Damping factor:	>150	>150	>150	>150
Distortion factor:	0.05 %	0.05 %	0.05 %	0.05 %
Slew rate:	>20 V/μsec	>20 V/μsec	>20 V/μsec	>20 V/μsec
S/N ratio:	>90 dB	>90 dB	>90 dB	>90 dB
Channel separation:	>65 dB/ 1 kHz	>70 dB/ 1 kHz	>70 dB/ 1 kHz	>70 dB/ 1 kHz
Input sensitivity:	26 dB/32 dB (2.2 V/1.05 V), switchable	26 dB/32 dB (2.48 V/1.244 V), switchable	26 dB/32 dB (3.1 V/1.55 V), switchable	26 dB/32 dB (3.46 V/1.73 V), switchable
Voltage gain:	26 dB/32 dB	26 dB/32 dB	26 dB/32 dB	26 dB/32 dB
Input impedance:	20 kohms (balanced), 10 kohms (unbalanced)	20 kohms (balanced), 10 kohms (unbalanced)	20 kohms (balanced), 10 kohms (unbalanced)	20 kohms (balanced), 10 kohms (unbalanced)
Input connectors:	stereo XLR	stereo XLR	stereo XLR	stereo XLR
Output connectors:	stereo Speaker, feed-through output (stereo RCA, stereo 6.3 mm jack)	stereo Speaker, feed-through output (stereo RCA, stereo 6.3 mm jack)	stereo Speaker, 2 pairs of screw terminals, feed-through output (stereo RCA, stereo 6.3 mm jack)	stereo Speaker, 2 pairs of screw terminals, feed-through output (stereo RCA, stereo 6.3 mm jack)
Circuitry:	class AB	class AB	class 2 H	class 2 H
Control elements:	power switch, level control per channel, mode switch (stereo/parallel/bridged), sensitivity selector, peak filter selector	power switch, level control per channel, mode switch (stereo/parallel/bridged), sensitivity selector, peak filter selector	power switch, level control per channel, mode switch (stereo/parallel/bridged), sensitivity selector, peak filter selector	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)	parallel, bridge (globally), protect, clip, signal (per channel)	parallel, bridge (globally), protect, clip, signal (per channel)	parallel, bridge (globally), protect, clip, signal (per channel)
Protection circuits:	short-circuit, overheat, DC voltage, VHF signals, softstart	short-circuit, overheat, DC voltage, VHF signals, softstart	short-circuit, overheat, DC voltage, VHF signals, softstart	short-circuit, overheat, DC voltage, VHF signals, softstart
Construction:	steel chassis	steel chassis	steel chassis	steel chassis
Dimensions (DxWxH):	340 x 483 x 92 mm (19", 2 U)	390 x 483 x 92 mm (19", 2 U)	390 x 483 x 92 mm (19", 2 U)	390 x 483 x 92 mm (19", 2 U)
Weight:	6 kg	7 kg	9 kg	9 kg