



## STA-1000

Order No.: 0250470

### PRODUCTINFOS

#### Professional stereo PA amplifier,

with integrated crossover network and limiter.

- LCD for indicating temperature, operating mode, protective function
- Integrated crossover network: 120 Hz, 24 dB/oct., selectable: subwoofer, full range or satellite operation
- 3 operating modes can be selected (stereo, parallel or bridged)
- Temperature-controlled fans
- 2 level controls
- Ground lift function
- Speaker switch-on delay
- Protective circuit with LED indication for protection against short circuit, overheating and DC voltage overlay at the outputs
- Each channel with LEDs for indicating operating voltage, level and limiter
- NEUTRIK SPEAKON connections

STA-1400, STA-1000 and STA-600 are supplied with 3-pole IEC panel plugs and matching mains cables.

#### Beat 01/2012

“Two MEGA-112 as top parts as well as one MEGA-118SUB were brought to the test. We used the power amplifiers STA-600 and STA-1400 for the top parts in bi-amping and the STA-1000 for the bass reproduction. For the functional control, we applied the digital speaker management DSM-260. The units were tested in a small factory building ... it featured many windows, a concrete floor and several tiled surfaces, allowing the high frequencies to show no mercy ... however, with the precise equalizers of the DSM-260, we were able to

tame these very quickly ... the unit allows to optimise the sound quickly and intuitively ... we turned the volume up and achieved an impressive performance. The subwoofer is very stable and provides a really powerful sound. The MEGA-112 impresses by a really well-balanced sound. Full and dynamic dance music with a really great sound can thus be achieved. This PA system is able to easily provide a professional sound for 400 guests, even for the more sophisticated listener. Thumbs up. The selected PA combination is very suitable for everyone performing at temporary locations.”

## TECHNICAL SPECIFICATIONS

### STA-1000

Peak output power	1,600 W
Power rating	1,000 W
Power rating at 4 $\Omega$	2 x 500 W
Power rating at 8 $\Omega$	2 x 350 W
Power rating with 8 $\Omega$ bridged operation	1 x 1,000 W
Channels	2
Inputs	1 V/20 k $\Omega$
Frequency range	20-20,000 Hz
Crossover network	24 dB/oct.
Crossover frequency	120 Hz
Integrated limiter	yes
S/N ratio	> 95 dB
Crosstalk attenuation	> 60 dB
THD	< 0.1%
Mains voltage	~ 230 V
Mains frequency	50 Hz
Power consumption, operation	1,600 VA
Admiss. ambient temp.	0-40 °C
Width	482 mm
Height	88 mm
Depth	481 mm
Rack units, RU	2
Weight	15 kg
Connections	1 x 3-pole XLR L/R, bal.
	1 x 6.3 mm jack L/R, bal.
	1 x NEUTRIK SPEAKON L/R
	2 x pair of screw terminals
Packing dimensions (W x H x L)	0.57 x 0.16 x 0.58 m
Gross weight	17.5 kg

**STA-1000**

Net weight

15.04 kg