STA-1000

Order no.: 0250470

PRODUCT INFORMATION

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.”

Manufacturer information:
MONACOR INTERNATIONAL GmbH & Co. KG
Konsul-Smidt-Str. 68
28217 Bremen
Germany
info@monacor.com

Warning and Safety Instructions

The device is supplied with dangerous mains voltage. Leave servicing to skilled personnel only and do not insert anything into the air vents. Risk of electric shock!

Do not use this device and disconnect it immediately from the power supply if the device or the power supply cable is visibly damaged, if a defect might have occurred after the device was dropped or suffered a similar accident, if malfunctions occur. Any repairs must be carried out by specialists.

The product is suitable for indoor use only. Protect it against dripping water, splash water and high air humidity (admissible ambient temperature range is 0 - 40 °C).

Never pull the mains cable to disconnect the mains plug from the socket, always seize the plug.

The heat generated in the device must be dissipated by air circulation. Never cover the air vents of the housing.

If the device is to be put out of operation definitely, dispose of the product in accordance with local regulations.

SPECIFICATIONS

STA-1000	
Peak output power	1,600 W
Power rating	1,000 W
Power rating at 4 Ω	2 x 500 W
Power rating at 8 Ω	2 x 350 W
Power rating with 8 Ω bridged operation	1 x 1,000 W
Channels	2
Inputs	1 V/20 kΩ
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%
Power supply	~ 230 V/50 Hz/1,600 VA

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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	418 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
Packaging dimensions (W x H x L)	0.57 x 0.16 x 0.58 m
Gross weight	17.5 kg
Net weight	15.04 kg

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EAN code	4007754208870
Net weight	15.04 kg