

## STA-1000 - Amplifier



**Professional stereo PA-forstærker**, med indbygget delefilter og limiter.

- LCD-indikator for temperatur, mode og beskyttelsesfunktion
- Indbygget delefilter: 120 Hz, 24 dB/okt., kan indstilles til subwoofer, full range eller satellit
- Stereo, parallel eller brokobling
- Temperaturstyret ventilator
- 2 x volumenkontrol
- Ground lift
- Højttalerforsinkelse
- Beskyttelseskredsløb med LED-indikator for beskyttelse mod kortslutning, overophedning og overspænding ved udgangene
- Hver kanal har LED-indikator for spænding, volumen og limiter
- NEUTRIK SPEAKON højttalertilslutning

STA-1400, STA-1000 og STA-600 leveres med 3-polet IEC stik og matchende strømkabler. **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 data:

Bridged operation	: 1
Peak output power	: 1,600 W
Power rating	: 1,000 W
Power rating at 2 Ohm	: -
Power rating at 4 Ohm	: 2 x 500 W
Power rating at 8 Ohm	: 2 x 350 W
Power rating at 16 Ohm	: -
Power rating at 100 V	: -
Power rating with 4 Ohm	: -
bridged operation	
Power rating with 8 Ohm	: 1 x 1,000 W
bridged operation	
Output impedance	: -
Channels	: 2
Zones	: -
Inputs	: 1Â V/20Â kOhm
Attenuation factor	: -
Frequency range	: 20-20,000Â Hz
Crossover network	: 24 dB/oct.
Crossover frequency	: 120 Hz
Integrated limiter	: yes
Equalizer bass	: -
Equalizer midrange	: -
Equalizer treble	: -
S/N ratio	: ? 95 dB
Crosstalk attenuation	: ? 60 dB
THD	: < 0.1%
Phantom power	: -
Mains voltage	: ~ 230 V
Mains frequency	: 50 Hz
Power consumption, operation	: 1,600 VA
Power consumption, standby	: -
Standby current	: -
Operating voltage (possible alternative)	: -
Power supply (possible alternative)	: -
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
Net weight	: 15.04 kg