

## STA-2200 - Amplifier



**Professional stereo PA amplifier**, with integrated crossover network and limiter.

- 2 Ohm stable
- Class H technology with performance-optimised power supply technology
- 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-2200 is equipped with a POWERCON jack and supplied with suitable mains cable AAC-115P.

The amplifier can be operated at a 2 Ohm load, the protective circuits are designed accordingly.

The stated 2 Ohm performance values must not be exceeded, otherwise the thermal protective circuit will be activated. **SOUNDCHECK 07/2009**

On the STA-3000 and STA-2200

"The STA-3000 and STA-2200 are certainly real recommendations for anyone searching for solid power at an attractive price. The amplifiers are suitable for general applications and definitely provide sufficient power for a modern PA system."

## Tekniske data

Peak output power	: 4,000 W
Power rating	: 2,200 W
Power rating at 2 Ohm	: 2 x 750 W
Power rating at 4 Ohm	: 2 x 1,100 W
Power rating at 8 Ohm	: 2 x 700 W
Power rating at 16 Ohm	: -
Power rating at 100 V	: -
Power rating with 4 Ohm bridged operation	: 1 x 1,500 W
Power rating with 8 Ohm bridged operation	: 1 x 2,000 W
Output impedance	: -
Channels	: 2
Zones	: -
Inputs	: 1 $\hat{A}$ V/20 $\hat{A}$ kOhm
<b>Attenuation factor</b>	: -
Frequency range	: 20-20,000 $\hat{A}$ Hz
Crossover network	: 24 dB/oct.
Crossover frequency	: 120 Hz
Integrated limiter	: yes
Equalizer bass	: -
Equalizer midrange	: -
Equalizer treble	: -
S/N ratio	: ? 100 dB
Crosstalk attenuation	: ? 60 dB
THD	: < 0.1%
Mains voltage	: $\hat{\sim}$ ; 230 V
Mains frequency	: 50 Hz
Power consumption, operation	: 3,600 VA
Power consumption, standby	: -
<b>Standby current</b>	: -
Operating voltage (possible alternative)	: -
Power supply (possible alternative)	: -
Admiss. ambient temp.	: 0-40 $\hat{\circ}$ C
Width	: 482 mm
Height	: 88 mm
Depth	: 479 mm

Rack spaces, RS	: 2
Weight	: 22.5 kg
Connections	: 1 x 3-pole XLR L/R, bal., can be fed through 1 x NEUTRIK SPEAKON L/R 2 pair of screw terminals