STA-2200

Order no.: 0250490

PRODUCT INFORMATION

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

- 2 Ω stable
- Class H technology with performance-optmised 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 Ω load, the protective circuits are designed accordingly. The stated 2 Ω 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.”

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-2200	
Peak output power	4,000 W
Power rating	2,200 W
Power rating at 2 Ω	2 x 750 W
Power rating at 4 Ω	2 x 1,100 W
Power rating at 8 Ω	2 x 700 W
Power rating with 4 Ω bridged operation	1 x 1,500 W
Power rating with 8 Ω bridged operation	1 x 2,000 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	> 100 dB
Crosstalk attenuation	> 60 dB

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THD	< 0.1%
Power supply	˜ 230 V/50 Hz/3,600 VA
Mains voltage	~ 230 V
Mains frequency	50 Hz
Power consumption, operation	3,600 VA
Admiss. ambient temp.	0-40 °C
Width	482 mm
Height	88 mm
Depth	479 mm
Rack units, RU	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
Packaging dimensions (W x H x L)	0.59 x 0.16 x 0.64 m
Gross weight	27.3 kg
Net weight	22.64 kg

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EAN code	4007754208894
Net weight	22.64 kg