



## STA-3000

Order No.: 0250500

**Price upon request**

### PRODUCTINFOS

**Professional PA amplifiers from IMG STAGELINE: of high stability, provide a neutral sound and deliver a top performance.**

**Professional stereo PA amplifier,**

with integrated crossover network and limiter.

- 2  $\Omega$  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., switchable 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
- Supplied with mains cable

STA-3000 is equipped with a POWERCON jack (power rating: 32 A) in order to ensure a power supply of 25 A in 2  $\Omega$  operation.

The supplied mains cable AAC-215P is sufficient for 4  $\Omega$  or 8  $\Omega$  operation.

A POWERCON plug NAC-3FCHC, a mains cable with a cable cross section of at least 2.5 mm<sup>2</sup> and a CEE plug with a power rating of 32 A are required for the 2  $\Omega$  operation.

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

The stated 2  $\Omega$  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.”

## TECHNICAL SPECIFICATIONS

### STA-3000

Peak output power	5,500 W
Power rating	3,000 W
Power rating at 2 $\Omega$	2 x 1,250 W
Power rating at 4 $\Omega$	2 x 1,500 W
Power rating at 8 $\Omega$	2 x 1,000 W
Power rating with 4 $\Omega$ bridged operation	1 x 2,500 W
Power rating with 8 $\Omega$ bridged operation	1 x 3,000 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	> 100 dB
Crosstalk attenuation	> 60 dB
THD	< 0.1%
Mains voltage	~ 230 V
Mains frequency	50 Hz
Power consumption, operation	5,000 VA

**STA-3000**

Admiss. ambient temp.	0-40 °C
Width	482 mm
Height	132 mm
Depth	519 mm
Rack spaces, RS	3
Weight	32 kg
Connections	1 x 3-pole XLR L/R, bal., can be fed through 1 x NEUTRIK SPEAKON L/R 1 x NEUTRIK SPEAKON (bridged)