STA-1000D

Order no.: 0255210

PRODUCT INFORMATION

The new generation of class D PA amplifiers from IMG STAGELINE impresses with a high power capability and high energy efficiency.
Other features include a silent operation and a low weight which make this series suitable for both fixed installations and mobile applications.

Stereo class D PA amplifier, 1,200 W

- Class D concept with power amplifier modules from PASCAL
- Excellent acoustic performance
- Extra wide dynamic range with very low THD
- Excellent pulse response also in the bass range
- 482 mm (19") rack installation, 2 RU
- Silent operation due to temperature-controlled fans, only activated if temperature rises above 85 °C
- Lightweight design due to compact switch-mode power supply
- Energy-efficient concept due to a high efficiency
- 2 level controls
- Protected against short circuit, overtemperature, DC voltage at the output and overload
- LEDs for indicating power, signal, bridge, overload (clip), overheating and protect
- 2 operating modes can be selected (stereo or bridged)
- 100 V transmission technology possible in bridged operation
- Wide mains voltage range: ˜ 85-265 V
- NEUTRIK POWERCON and SPEAKON connections

SOUNDCHECK 03/2015
“The STA-1000D and STA-2000D provide an unobtrusive sound reproduction of a high quality. No matter whether classical music, rock music or voice reproductions, the power amplifier perfectly meets any requirement.”

tools4music 02/2015

“The power amplifiers STA-200D and STA-1000D from IMG Stage Line impress by an elaborated

selection and configuration of the inner components. Due to the low weight and the mounting depth of 335 mm only, this series is suitable for both rack mounting and installation into shelves. With these test results, they are also suitable for hi-fi applications. I consider these 'lightweights' to be very well-suited for small to medium-sized entertainment applications, PA applications at conferences and for speech transmissions well as a multi-channel power amplifier for stage monitoring."
+ Operating reliability
+ Weight
+ Test results: low THD, perfect frequency response and S/N ratio
+ Low-maintenance design
+ Protective circuits
+ Very wide operating voltage range
+ Workmanship
+ Efficiency
- No XLR feed-through connector

Manufacturer information:
MONACOR INTERNATIONAL GmbH & Co. KG
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Safety Notes and Warning Messages
The unit uses dangerous mains voltage. Leave servicing to skilled personnel only and do not insert anything into the air vents. Inexpert handling may result in electric shock.
Do not operate the unit and disconnect the mains plug from the socket immediately if the unit or the mains cable is visibly damaged; if a defect might have occurred after the unit was dropped or suffered a similar accident; if malfunctions occur. In any case, the unit must be repaired by skilled personnel.
The unit is suitable for indoor use only. Protect it against dripping water and splash water, high air humidity and heat (admissible ambient temperature range: 0 - 40 °C).
Never pull the mains cable to disconnect the mains plug from the socket, always seize the plug.
The heat generated inside the unit must be dissipated by air circulation; never cover the air vents of the housing.
If the unit is to be put out of operation permanently, take it to a local recycling plant for a disposal which is not harmful to the environment.

SPECIFICATIONS

STA-1000D	
Peak output power	1,200 W
Power rating	1,000 W

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Power rating at 4 Ω	2 x 500 W
Power rating at 8 Ω	2 x 280 W
Power rating with 4 Ω bridged operation	1 x 1,000 W
Power rating with 8 Ω bridged operation	1 x 1,000 W
Channels	2
Inputs	1 V/10 kΩ (XLR, bal.),1 V/5 kΩ (RCA)
Frequency range	20-20,000 Hz
Integrated limiter	no
S/N ratio	> 119 dB(A)
THD	< 0.05%
Power supply	˜ 230 V/50 Hz/1,160 VA
Mains voltage	~ 85-265 V
Mains frequency	50 Hz
Power consumption, operation	1,160 VA
Admiss. ambient temp.	0-40 °C
Width	482 mm
Height	89 mm
Depth	335 mm
Rack units, RU	2
Weight	5 kg
Connections	1 x NEUTRIK POWERCON1 x 3-pole XLR L/R1 x RCA L/R1 x NEUTRIK SPEAKON L/R1 x NEUTRIK SPEAKON bridge
Packaging dimensions (W x H x L)	0.56 x 0.14 x 0.36 m
Gross weight	6.21 kg
Net weight	5.04 kg

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EAN code	4007754239072
Net weight	5.04 kg