

STA-2000D

Order No.: 0255220

PRODUCTINFOS

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.

4-channel class D PA amplifier, 2,400 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 RS
- 2 or 4 channels in bridged mode
- 100 V line technique possible in bridged operation
- 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
- 4 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
- 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

TECHNICAL SPECIFICATIONS

STA-2000D	
Peak output power	2,400 W
Power rating	2,000 W
Power rating at 4 Ω	4 x 500 W
Power rating at 8 Ω	4 x 280 W
Power rating with 4 Ω bridged operation	2 x 1,000 W
Power rating with 8 Ω bridged operation	2 x 1,000 W
Channels	4
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%
Mains voltage	~ 85-265 V
Mains frequency	50 Hz
Power consumption, operation	2,320 VA

STA-2000D

Admiss. ambient temp.	0-40 °C
Width	482 mm
Height	89 mm
Depth	335 mm
Rack units, RU	2
Weight	6.4 kg
Connections	1 x NEUTRIK POWERCON 4 x 3-pole XLR 4 x RCA 4 x NEUTRIK SPEAKON 2 x NEUTRIK SPEAKON bridge
Packing dimensions (W x H x L)	0.58 x 0.16 x 0.375 m
Gross weight	8.24 kg
Net weight	6.4 kg