

STA-800D - Digital Amplifier



The new generation of digital 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. **Digital stereo PA amplifier**

- Class D concept with power amplifier modules from HYPEX
- Silent operation due to temperature-controlled fans
- Lightweight design due to compact switch-mode power supply
- Energy-efficiency concept due to high efficiency
- High power reserves due to the application of two switch-mode power supplies
- Powerful bass reproduction due to large buffer capacitors (high power reserves)
- 2 level controls
- Protected against short circuit and overtemperature
- LEDs for indicating power, overload (clip) and protect
- Super slimline design
- NEUTRIK SPEAKON connections

EVENT Rookie 01/2015

on the STA-400D and STA-800D

"Small and powerful surely applies to them. The two test units didn't really show any weakness. It should be noted that the minimum noise created by the two amplifiers is almost record-breaking ..."

Tekniske data

| | |
|--|---|
| Peak output power | : 1,000 W |
| Power rating | : 800 W |
| Power rating at 2 Ohm | : - |
| Power rating at 4 Ohm | : 2 x 400 W |
| Power rating at 8 Ohm | : 2 x 210 W |
| Power rating at 16 Ohm | : - |
| Power rating at 100 V | : - |
| Power rating with 4 Ohm | : - |
| bridged operation | |
| Power rating with 8 Ohm | : - |
| bridged operation | |
| Output impedance | : - |
| Channels | : 2 |
| Zones | : - |
| Inputs | : 1Â V/10 kOhm (XLR, bal.), 1 V/4.7Â kOhm (RCA) |
| Attenuation factor | : - |
| Frequency range | : 20-20,000Â Hz |
| Crossover network | : - |
| Crossover frequency | : - |
| Integrated limiter | : no |
| Equalizer bass | : - |
| Equalizer midrange | : - |
| Equalizer treble | : - |
| S/N ratio | : ? 110 dBA |
| Crosstalk attenuation | : - |
| THD | : < 0.004% |
| Mains voltage | : ∼ 230 V |
| Mains frequency | : 50 Hz |
| Power consumption, operation | : 920 VA |
| Power consumption, standby | : - |
| Standby current | : - |
| Operating voltage (possible alternative) | : - |
| Power supply (possible alternative) | : - |
| Admiss. ambient temp. | : 0-40 °C |
| Width | : 482 mm |
| Height | : 52 mm |

Depth

: 298 mm



Stage Line®

| | |
|-----------------|---|
| Rack spaces, RS | : 1 |
| Weight | : 4 kg |
| Connections | : 1 x 3-pole XLR L/R 1 x RCA L/R 1 x NEUTRIK SPEAKON L/R 2 x pair of screw terminals |