

## PA-1850D - PA Amplifier



8-channel class D PA amplifier

- 8 x 50 W
- Class D concept with a high efficiency to cut energy costs
- Requires a lower rechargeable battery capacity for emergency power operation than 100 V analogue amplifiers
- Clearly reduced cooling requirements due to low heat dispersion
- Silent operation due to fanless cooling concept
- Mute function for each channel
- Level control for each channel
- LED indication for clip and protect for each channel pair
- Protected against short circuit
- Mains operation or 24 V emergency power operation

## Technical data:

100 V	: 1
Low-impedance	: 1
Fanless	: 1
Peak output power	: -
Power rating	: 400 W
Power rating at 2 Ohm	: -
Power rating at 4 Ohm	: 8 x 50 W
Power rating at 8 Ohm	: -
Power rating at 16 Ohm	: -
Power rating at 100 V	: 8 x 50 W
Power rating with 4 Ohm bridged operation	: -
Power rating with 8 Ohm bridged operation	: -
Output impedance	: 4Ω Ohm, 70/100Ω V
Channels	: 8
Zones	: -
Inputs	: 1 V/20 kOhm unbal.550 mV/20 kOhm bal.
Attenuation factor	: -
Frequency range	: 10-20,000 Hz
Crossover network	: -
Crossover frequency	: -
Integrated limiter	: -
Equalizer bass	: -
Equalizer midrange	: -
Equalizer treble	: -
S/N ratio	: ? 65 dB
Crosstalk attenuation	: -
THD	: < 0.5%
Phantom power	:
Mains voltage	: ~ 230 V
Mains frequency	: 50 Hz
Power consumption, operation	: 600 VA
Power consumption, standby	: -
Standby current	: -
Operating voltage (possible alternative)	: DC 24 V

Power supply (possible  
alternative)

: DC 18 A





Admiss. ambient temp.	: 0-40 °C
Width	: 483 mm
Height	: 90 mm
Depth	: 398 mm
Rack units, RU	: 2
Weight	: 18 kg
Connections	: 8 x XLR input, bal. 8 x RCA input, screw contacts (speakers)
Packing dimensions (W x H x L)	: 0.47 x 0.17 x 0.58 m
Gross weight	: 20.45 kg
Net weight	: 18.17 kg