

PA-1850D

Order no.: 0172960

PRODUCT INFORMATION

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

Manufacturer information:
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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.
During operation, there may be a hazard of contact with a dangerous voltage of up to 100 V at the speaker terminals. Always switch off the amplifier before making or changing any

connections.
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

PA-1850D	
Peak output power	400 W
Power rating	400 W
Power rating at 4 Ω	8 x 50 W
Power rating at 100 V	8 x 50 W
Power rating at 70 V	8 x 50 W
Output impedance	4 Ω, 70/100 V
Channels	8
Inputs	1 V/20 kΩ unbal.550 mV/20 kΩ bal.
Frequency range	10-20,000 Hz
S/N ratio	> 65 dB
THD	< 0.5%
Power supply	˜ 230 V/50 Hz/600 VA, DC 24 V/18 A
Mains voltage	~ 230 V
Mains frequency	50 Hz
Power consumption, operation	600 VA
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

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Rack units, RU	2
Weight	18 kg
Connections	8 x XLR input, bal. 8 x RCA input, screw contacts (speakers)
Packaging 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

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