

PA-1250D

Order no.: 0173860

PRODUCT INFORMATION

Powerful and Energy-saving
The mono class D PA power amplifier PA-1250D is part of a new generation of equipment which combines a high power capability with an efficient energy utilisation, thus making an important contribution to climate protection. Furthermore, the user also saves electricity costs. Among other things, this is due to the digital 100V power amplifier providing a considerably higher efficiency of more than 90% compared to analogue units (approx. 70%). Furthermore, the thermal loss is considerably lower. Thus, the cooling requirements will be minimised and the service life of the PA-1250D will be further increased.

Mono class D PA power amplifier,
with an energy-saving effect.

- 1 x 250 W
- Class D concept with a high efficiency of more than 90% to cut energy costs
- Additional integrated energy-saving functions, e.g. device automatically goes to standby mode when no input signal is present (as soon as an input signal is detected, the amplifier is automatically switched on again)
- Requires a significantly 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, thus especially suitable for noise-sensitive areas, e.g. offices, conference rooms or churches
- Special protective circuits prevent damage caused by short circuit or overheating
- Extensive, menu-controlled settings
- Switchable 200 Hz high-pass filter, 6 dB/oct.
- Additional priority input

- RS-485 interface
- LCD for the operating parameters
- 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-1250D	
Peak output power	350 W
Power rating	250 W
Power rating at 100 V	250 W
Output impedance	100 V/40 Ω
Channels	1
Inputs	1.2 V, bal. (line)
Frequency range	50-18,000 Hz
Crossover network	yes
S/N ratio	> 100 dB(A)

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THD	< 0.5%
Power supply	˜ 230 V/50 Hz/350 VA,8 W (standby mode), DC 24 V/20 A,280 mA (standby mode)
Mains voltage	~ 230 V
Mains frequency	50 Hz
Power consumption, operation	350 VA
Operating voltage (possible alternative)	DC 24 V
Power supply (possible alternative)	DC 20 A
Admiss. ambient temp.	0-40 °C
Width	482 mm
Height	88 mm
Depth	410 mm
Rack units, RU	2
Weight	7.5 kg
Connections	screw contacts (inputs) screw contacts (speakers)
Packaging dimensions (W x H x L)	0.48 x 0.185 x 0.545 m
Gross weight	9.53 kg
Net weight	7.91 kg

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EAN code	4007754231762
Net weight	7.91 kg