

PA-9100D

Order no.: 1000149

PRODUCT INFORMATION

Mono class D PA mixing amplifier

- 1 x 1,000 W
- Class D concept with PASCAL amplifier module
- Energy-efficient concept due to high efficiency
- Lightweight design due to compact switch-mode power supply
- Silent operation due to fanless cooling concept
- 4 balanced mic/line inputs
- Mic 1 with priority circuit and automatic talkover
- Additional connection for desktop microphone via screw terminal
- 1 aux input
- Speaker outputs via screw contacts
- Line output
- Insert facility, e.g. for effect units, equalizers, feedback controllers
- Input level control and output level control
- 2-way tone control for the output
- 48 V phantom power supply for each microphone input, to be activated individually
- Limiter switch 4 Ω/8 Ω/100 V
- Removable mounting brackets

Manufacturer information:
MONACOR INTERNATIONAL GmbH & Co. KG
Konsul-Smidt-Str. 68
28217 Bremen
Germany
info@monacor.com

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-9100D	
Peak output power	1,000 W
Power rating	1,000 W
Power rating at 4 Ω	900 W
Power rating at 8 Ω	1,000 W
Power rating at 100 V	1,000 W@9.2 Ω
Output impedance	4-8 Ω
Channels	5
Inputs	3 mV (mic), 200 mV (line), 140 mV (aux)
Frequency range	20-20,000 Hz
Integrated limiter	yes
Equalizer bass	± 10 dB/100 Hz
Equalizer treble	± 10 dB/10 kHz
S/N ratio	> 80 dB
THD	< 0.1%
Phantom power	48 V
Power supply	˜ 90-230 V/50-60 Hz/1,100 VA
Mains voltage	~ 90-230 V
Mains frequency	50-60 Hz

PA-9100D

Power consumption, operation	1,030 VA
Admiss. ambient temp.	0-40 °C
Width	482 mm
Height	88 mm
Depth	275 mm
Rack units, RU	2
Weight	5.6 kg
Connections	4 x XLR (mic/line), 1 x RCA L/R (aux), screw contacts (speakers)
Packaging dimensions (W x H x L)	0.5 x 0.13 x 0.36 m
Gross weight	6.6 kg
Net weight	5.6 kg

PA-9100D

EAN code	4007754275827
Net weight	5.6 kg