

PA-4500DX

Order no.: 1001397

PRODUCT INFORMATION

4-zone multifunctional mixing amplifier
class D technology with DSP and professional features for general multi-room PA applications. Additional features powered by PASCAL.
Clearly arranged graphical user interface HTML5 with extensive functions. Convenient operation via web browser regardless of the operating system used by the end-user device (PC, Mac, iOS, Android, etc.).

- 4 x 500 W (4 Ω), 4 x 400 W (8 Ω) or 2 x 1,000 W (100 V)
- 100 V or 4/8 Ω operation
- 4 analogue inputs mic/line via plug-in screw terminal (bal.) or RCA jacks
- 1 digital input/output via S/PDIF RCA jacks
- 4 outputs (4/8 Ω) or 2 zone outputs (100 V) via plug-in screw terminal
- GPIO interface for remote volume control and standby
- Network connection via LAN or WLAN
- Convenient operation and configuration via user interface HTML5
- High-pass/low-pass filter with various filters
- Parametric equalizer
- Output with separate FIR filters
- Speaker matching: 10 ms
- Switchable output phase
- Adjustable compressor/limiter
- Adjustable delay
- Mix inputs
- Talkover with priority routing
- Built-in sine wave noise generator
- Parametric 5-band equalizer for input

- Protected against short circuit, DC voltage overload, undervoltage, excess temperature and overload

Note: after initially switching on the device, firmware must be updated to minimum required version 1.6.4.

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-4500DX	
Peak output power	2,000 W
Power rating	2,000 W
Power rating at 4 Ω	4 x 500 W
Power rating at 8 Ω	4 x 400 W
Power rating at 100 V	2 x 1,000 W
Channels	5
Zones	4

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Inputs	1.2 V, bal. (line), 1.9 mV, bal. (mic)
Integrated limiter	yes
Equalizer bass	via DSP
Equalizer midrange	via DSP
Equalizer treble	via DSP
S/N ratio	> 106 dB
THD	< 0.05%
Power supply	˜ 100-240 V/50-60 Hz/350 W
Mains voltage	~ 100-240 V
Mains frequency	50-60 Hz
Power consumption, operation	350 W, 1/8 output power
Power consumption, standby	< 0.5 W
Admiss. ambient temp.	0-40 °C
Width	484 mm
Height	89 mm
Depth	322 mm
Rack units, RU	2
Weight	7.3 kg
Connections	4 x RCA line plug-in screw terminals (mic/line) 2 x RCA (digital in/out) plug-in screw terminals GPIO plug-in screw terminals speakers 1 x RJ45 network connection
Packaging dimensions (W x H x L)	0.4 x 0.185 x 0.56 m
Gross weight	9.3 kg
Net weight	7.85 kg

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