

PA-M224

Order no.: 0179280

PRODUCT INFORMATION

2-zone PA matrix mixing amplifier

- 240 W per zone
- 2 zones, can be controlled individually, with 2-way tone control
- Class D concept with a high efficiency to cut energy costs
- 4 adjustable mic/line inputs with 3-way equalizer and 24 V phantom power, to be activated as required
- 4 adjustable line inputs
- Mute function for muting individual zones
- Connection for external mute switch (all zones simultaneously)
- Talkover (channel 1)
- Adjustable monitor function
- 1 connection for zone paging microphone PA-M4RC
- 2 connections for wall module PA-M1WP
- 482 mm (19") rack installation

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-M224	
Peak output power	2 x 290 W
Power rating	2 x 240 W
Power rating at 100 V	2 x 240 W
Channels	8
Zones	2
Inputs	2.5 mV/20 kΩ (mic), 2 V/20 kΩ (line)
Frequency range	20-20,000 Hz
Equalizer bass	±12 dB/80 Hz (channels 1-4) ±15 dB/80 Hz (zones 1-4)
Equalizer midrange	±12 dB/2.5 kHz (channels 1-4)
Equalizer treble	±12 dB/12.5 kHz (channels 1-4) ±15 dB/12 kHz (zones 1-4)
S/N ratio	> 70 dB
THD	< 0.1%
Phantom power	24 V
Power supply	˜ 230 V/50 Hz/800 VA
Mains voltage	~ 230 V
Mains frequency	50 Hz
Power consumption, operation	800 VA
Admiss. ambient temp.	0-40 °C
Width	482 mm

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Height	88 mm
Depth	320 mm
Rack units, RU	2
Weight	5.7 kg
Connections	4 x XLR, bal. (mic 1-4), 4 x 6.3 mm jack (line 1-4), 4 x 6.3 mm jack (line 5-8), 4 x RCA L/R (line 5-8) 1 x RJ45 (push-to-talk microphone), 2 x RJ45 (remote in), screw terminal (speakers)
Packaging dimensions (W x H x L)	0.54 x 0.17 x 0.41 m
Gross weight	6.83 kg
Net weight	5.71 kg

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EAN code	4007754273311
Net weight	5.71 kg