

PA-40120

Order no.: 0173220

PRODUCT INFORMATION

4-zone mono mixing amplifier,
with 4 active 120 W outputs,
for setting up a multi-zone PA system. A switch allows each of the 5 inputs to be assigned to one of the 4 outputs. Thus, it is possible to reproduce varying programmes in different areas. Another advantage is that an announcement in one area will not interrupt the programme in another area. With optional zone-paging microphone PA-4000RC, the amplifier can be extended to a 4-channel PA system. In combination with an integrated voice memory, an alarm system can be set up in schools, for example.

- 4 x 120 W
- 4 zones, can be controlled individually
- 3 mic/line inputs and 2 line inputs
- Built-in adjustable monitor speaker
- Chime and siren can also be activated via external momentary push-button
- Bass, treble and master controls, level display via LEDs, regulated fan
- 15 V phantom power for electret microphones
- Connection for microphone PA-4000PTT
- Optional connection for up to 32 zone paging microphones PA-4000RC
- Mains operation and 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-40120	
Peak output power	4 x 170 W
Power rating	4 x 120 W
Power rating at 4 Ω	4 x 120 W
Power rating at 100 V	4 x 120 W
Channels	5
Zones	4
Inputs	2.5 mV/5 kΩ, 0.3 V/15 kΩ (mic/line 1-3),0.3 V/15 kΩ (line 4-5)
Frequency range	45-20,000 Hz
Equalizer bass	± 10 dB/100 Hz
Equalizer treble	± 10 dB/10 kHz
S/N ratio	> 70 dBA (mic),> 90 dBA (line)
THD	< 1%
Phantom power	15 V
Power supply	˜ 230 V/50 Hz/1,500 VA, DC 24 V/40 A
Mains voltage	~ 230 V
Mains frequency	50 Hz

PA-40120

Power consumption, operation	1,500 VA
Operating voltage (possible alternative)	DC 24 V
Power supply (possible alternative)	DC 40 A
Admiss. ambient temp.	0-40 °C
Width	482 mm
Height	90 mm
Depth	377 mm
Rack units, RU	2
Weight	22.1 kg
Connections	3 x combo 6.3 mm/XLR (mic/line), 2 x RCA L/R (line), 1 x RJ45 (push-to-talk mic), 1 x 6.3 mm jack (monitor), 4 x RJ45 (emergency), 4 x screw contact (preamplifier), screw contact (chime button), 1 x RCA L/R (record), 4 x screw contact (speakers)
Packaging dimensions (W x H x L)	0.48 x 0.18 x 0.55 m
Gross weight	23.6 kg
Net weight	22.1 kg

PA-40120

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Net weight	22.1 kg