

## PA-40120 - PA Amplifier



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

## Technical data:

100 V	: 1
Low-impedance	: 1
Peak output power	: 4 x 170 W
Power rating	: 4 x 120 W
Power rating at 2 Ohm	: -
Power rating at 4 Ohm	: -
Power rating at 8 Ohm	: -
Power rating at 16 Ohm	: -
Power rating at 100 V	: -
Power rating with 4 Ohm bridged operation	: -
Power rating with 8 Ohm bridged operation	: -
Output impedance	: -
Channels	: 5
Zones	: 4
Inputs	: 2.5 mV/5 kOhm, 0.3 V/15 kOhm (mic/line 1-3), 0.3 V/15 kOhm (line 4-5)
Attenuation factor	: -
Frequency range	: 45-20,000 Hz
Crossover network	: -
Crossover frequency	: -
Integrated limiter	: -
Equalizer bass	: $\pm 10$ dB/100 Hz
Equalizer midrange	: -
Equalizer treble	: $\pm 10$ dB/10 kHz
S/N ratio	: ? 70 dBA (mic), ? 90 dBA (line)
Crosstalk attenuation	: -
THD	: < 1%
Phantom power	: 15 V
Mains voltage	: $\sim$ 230 V
Mains frequency	: 50 Hz
Power consumption, operation	: 1,500 VA
Power consumption, standby	: -
Standby current	: -
Operating voltage (possible alternative)	: DC 24 V

Power supply (possible  
alternative)  
Admiss. ambient temp.

: DC 40 A

: 0-40 °C

**MONACOR**



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 cont
Packing 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