

# PA-M412 - PA Amplifier



## 4-zone PA matrix mixing amplifier

- 120 W per zone
- 4 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
- 4 connections for wall module PA-M1WP
- 482 mm (19") rack installation

4-zone PA matrix mixing amplifier,  
120 W per zone.

## Technical data:

100 V	: 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	: 8
Zones	: 4
Inputs	: 2.5 mV/20 kOhm (mic), 2 V/20 kOhm (line)
Attenuation factor	: -
Frequency range	: 20-20,000 Hz
Crossover network	: -
Crossover frequency	: -
Integrated limiter	: -
Equalizer bass	: $\pm 12$ dB/80 Hz (channels 1-4) $\pm 15$ dB/80 Hz (zones 1-4)
Equalizer midrange	: $\pm 12$ dB/2.5 kHz (channels 1-4)
Equalizer treble	: $\pm 12$ dB/12.5 kHz (channels 1-4) $\pm 15$ dB/12 kHz (zones 1-4)
S/N ratio	: ? 70 dB
Crosstalk attenuation	: -
THD	: < 0.1%
Phantom power	: 24 V
Mains voltage	: $\sim$ 230 V
Mains frequency	: 50 Hz
Power consumption, operation	: 860 VA
Power consumption, standby	: -
Standby current	: -
Operating voltage (possible alternative)	: -

Power supply (possible  
alternative)

: -

Admiss. ambient temp.

: 0-40 °C

Width

: 482 mm

**MONACOR**



Height	: 88 mm
Depth	: 320 mm
Rack units, RU	: 2
Weight	: 6.2 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), 4 x RJ45 (remote in),

Packing dimensions (W x H x L)	: 0.4 x 0.53 x 0.17 m
Gross weight	: 7.37 kg
Net weight	: 6.21 kg