

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 | : ± 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 |
| Crosstalk attenuation | : - |
| THD | : < 0.1% |
| Phantom power | : 24 V |
| Mains voltage | : \approx 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 |