



MA-4120

Multi-zone Mixing Amplifier



Features

- 4 x 120W Independent zones
- 4/8Ω, 25/70/100 V outputs
- 4 Mic/Line + 1 Stereo inputs
- 2 Priority modes
- Full routing and monitoring
- 3U rack

The MA-4120 is a simple and inexpensive high quality mixing amplifier for zoning applications in small and medium size commercial installations. It combines 4 x 120 W independent amplifier modules with a five channels input mixer. It is a versatile and easy operating paging system for bars, restaurants, retail outlets, offices, and all other venues where up to four different areas need to be controlled individually.

The MA-4120 is very easy to use. No computer, no software, no sophisticated technology, just an analog device with simple and intuitive settings. Every single source from channel 1 to 5 can be routed to one of the four outputs just by pressing a switch. The control of the signal input is limited to high and low EQ plus gain and volume. In case of long distances between the device and the line speakers, it is possible to monitor the signal sent to each output through a dedicated speaker terminal on the rear panel.

All zone outputs are available on terminal block connectors for easy interfacing with other installed equipment. They feature low impedance and 25/70/100V speaker Out plus Line level Out for connection to other devices.

The four main inputs feature Combo connectors with balanced Mic/Line level. A switch can select the type of source and a phantom power for electret microphones. One pair of RCA connectors are used for a stereo signal on channel 5.

The MA-4120 is equipped with a simple priority function triggered by microphone 1 or by a tel. signal. Priority can also be activated with a contact switch for microphones 1, 2 and 3 as well.

Specifications

Power (RMS)	4 x 120W (4Ω)
Frequency Response	50 Hz – 17kHz ± 3 dB
THD & N (1 kHz - rated power)	<0.5%
S/N ratio	Microphone: > 60 dB Line: > 70 dB Tel. Paging: > 60 dB
Input Sensitivity	Mic.: -42 dB/-38 dB / 600 Ω, balanced Line: -26 dB/-20 dB / 15 kΩ, balanced Line: -10 dB / 50 kΩ, unbalanced (CH 4-5)
Phantom power	15V
EQ	Low: ± 10 dB - 100 Hz High: ± 10 dB - 10 kHz
Speaker outputs	4 Ω, 8 Ω 25 V, 70 V, 100 V
Monitor output	1 W rms / 8 Ω
Headphone output	0,5 W rms / 47 Ω
Controls	Gain x 5 : CH 1-5 Volume x 5 : CH 1-5 Volume x 3: Tel. Paging, Monitor, Phone Volume x 4: Zone 1-4 High x 5 : CH 1-5 Low x 5 : CH 1-5 Mute x 5 : CH 1-5 Line/Phantom/Mic x 3 : CH 1-4 Stereo : CH 5 Tel. paging selector x 4 : Zone 1-4 Zone Monitor. x 4 : Zone 1-4 Power ON
Indicators	Zone level x 4 : Zone 1-4 Monitor level x 1 MUTE x 5 : CH 1-5
Main Voltage	115 ~ 230V 50/60Hz - 400 VA
Dimension (W x D x H)	483 x 132 x 444 mm (19" x 5.2" x 17.5")
Weight	20.5 kg (45.2 lbs)

Specifications subject to modification without notice



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