

MA2012 MA2024 MA2036

Mixing Amplifier with Zone Selector

POWER AMPLIFIERS



MA2012 / 2012P

120W 100V Line

MA2024 / 2024P

240W 100V Line

MA2036 / 2036P

360W 100V Line

MA2000 series of mixing amplifiers are built with Class D amplifier circuits, equipped with DC back up input and zone controls of 6 zones. It is suitable for small scale installation such as in showrooms, small prayer venues, offices, etc which require segregation of speaker zones.

Options are available for media player versions.

- **6 mic / line** selectable inputs, with front mic jack, phantom power
- **Bass and Treble** tone controls
- Optional **media player** module
- High efficiency **Class D** amp with 100V and 4 Ohm speaker outputs
- **Priority muting** for mic input 1 with adjustable muting level
- 6 zones speaker output with **All Call** and **remote trigger port**
- **AC** and **DC** operation for uninterrupted operation during power failure

Technical Specifications

	MA2012/ 2012P	MA2024/ 2024P	MA2036/ 2036P
Ratings (rms) 100 V output	120W	240W	360W
Operating voltage	220 - 240V AC		
Power consumption (240V AC)	160W / 0.7A	285W / 1.2A	450 W / 1.9A
Input -	Balanced Mic input with 12V Phantom Power (10k Ohm); Adjustable mute priority		
Ch 1 and 2	Balanced Mic / Line selectable with 12V Phantom Power (Mic: 10k Ohm, Line: 15k Ohm)		
Ch 3 and 4	Unbalanced input (15k Ohm) RCA 0 dBV		
Ch 5 and 6			
THD + N (at rated power)	< 1%		
S/N ratio	> 68 dB		
Tone controls	Bass (100 Hz), Treble (10 KHz) +/- 15 dB		
Frequency response	120 - 20 KHz (+/- 3 dB)		
Signal output	0 dBu balanced line		
Zone output	6 zone: Front switch and remote paging mic with All Call		
Power output -			
4 Ohm @ 1V rms input	50 V rms		
100V @ 1V rms input	100 V rms		
Protections	Thermal, short circuit, AC and DC fuses		
Indicators	Power, zone selection, signal level		
Cooling system	Thermostat controlled fan at 45 deg C		
Dimensions (W x H x D)	434 x 88 x 200 mm (without bracket)		
Weight	4.35 kg / 4.40 kg (P version)		

Packing Information

Carton size : 550 (L) x 295 (W) x 165 (H) mm

Gross weight : MA2000 - 5.45 kg

: MA2000P - 5.50 kg

1 unit per carton

