

MA2060 : 60 W 100V Mixer Amp with 3 Zone Output
MA2012 : 120 W 100V Mixer Amp with 3 Zone Output

MB2106 : 60 W 100V Basic Mixer Amp
MB2112 : 120 W 100V Basic Mixer Amp

POWER AMPLIFIERS

MA and MB Series of mixer amplifiers are suitable for small installations such as in showroom, small meeting hall, lecture theatre, etc. Both series are available in 60W and 120W 100V lines, featuring 6 mic / line inputs, bass and treble controls.

MB2106 and MB2112 are basic version whereas MA2060 and MA2012 comes with 3 zone selection with remote triggering port and some additional feature to offer greater flexibility in operation. Various protection features are incorporated in both version, such as thermal protection, short circuit cut off and circuit breakers, providing a piece of mind in operating the unit.

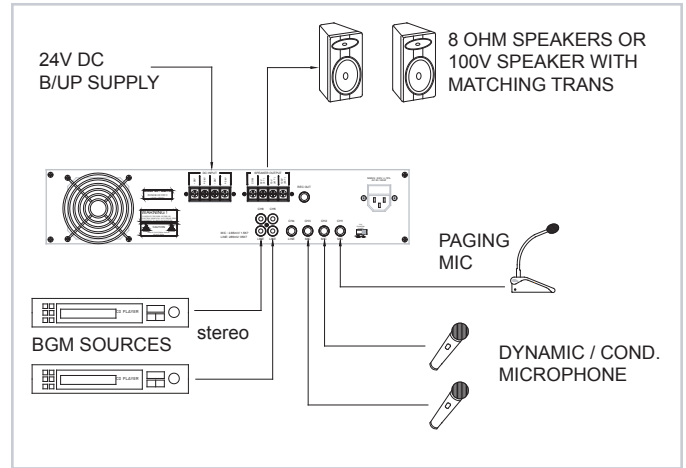
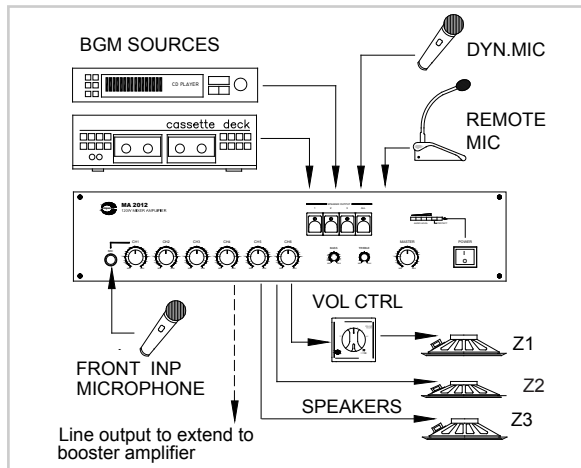


FEATURES

- 6 mic / line selectable input channels, with front mic jack, phantom power
- Priority muting for mic input 1 with adjustable muting level
- 3 zone speaker output with ALL CALL and remote triggering port
- 100V line output with aux 4 ohm speaker terminal
- Tone and bass controls
- AC / DC operation for fixed and uninterrupted operation

- 6 inputs for mic and line with phantom power for input 1
- Tone and bass controls
- 70 / 100V line output with 4 Ohm terminal with audio line output
- Short circuit, thermal protections
- AC/DC operation for uninterrupted operation

APPLICATION SCHEMATIC



TECHNICAL SPECIFICATIONS

	MA2060	MA2012	MB2106	MB2112
Rating	60W 100V line	120W 100V line	60W 100V line	120W 100V line
Operating Voltage	230~240V ac / 24V DC		230 ~ 240V ac / 24V DC	
24V DC requirement	3A	5A	5A	8A
Current (Load / Standby)	1.3A / 0.4A	2.2A / 0.4A	1.3A / 0.4A	2.2 / 0.4A
Input channel	6 : 2 Mic (XLR), 4 Mic / line selectable (RCA / phone jack)		6 : 3 Mic, 1 Line (phone jack), 2 Line (RCA)	
Input phantom power	Mic 1 and 2 ; 12V DC		Mic 1 switchable ; 12V DC	
Input sensitivity / impedance	Mic : 2.45 mV / 2K Ohm balanced Line : 245 mV / 30K Ohm unbalanced RCA : 495mV unbalanced		Mic : 2.45 mV / 1.5K Ohm balanced Line : 245 mV / 35K Ohm unbalanced RCA : 245 mV unbalanced	
Tone controls	Bass (100 Hz) ; Treble (10 KHz)		Bass (150 Hz) ; Treble (10 KHz)	
Outputs	3 Zone 100V line, 4 Ohm		4 Ohm, 70 / 100V line	
Output selection	Front and remote triggering		nil	
Frequency response	175 ~ 18 KHz		175 ~ 15 KHz	
Protections	Thermal, short circuit, AC and DC circuit breaker		Thermal, short circuit, ac fuse	
Indicators	AC mains, clip, protect, audio input level		AC mains, protect, audio input level	
Cooling system	Dual speed fan with heat sensing		Dual speed fan with heat sensing	
Dimensions (WxHxD)	88 x 424 x 300 mm		88 x 424 x 300 mm	
Weight (kg)	9.9	12	8.4	10.5

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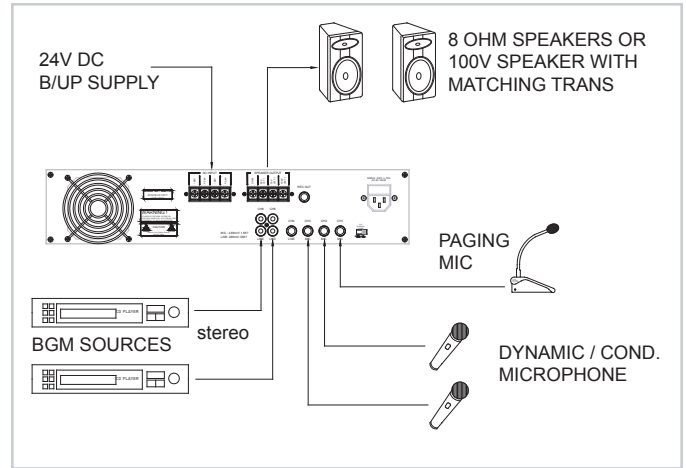
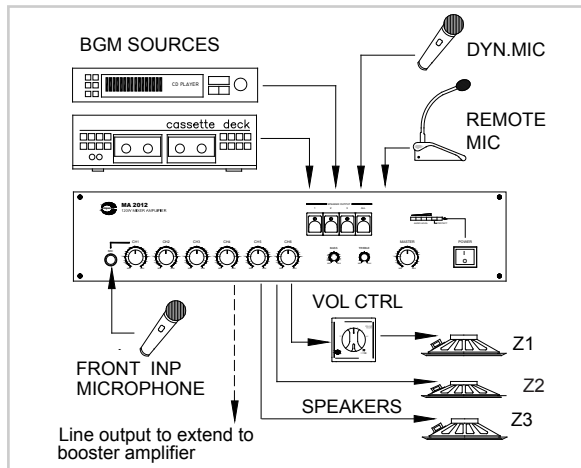


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- 100V line output with aux 4 ohm speaker terminal
- Tone and bass controls
- AC / DC operation for fixed and uninterrupted operation

- 6 inputs for mic and line with phantom power for input 1
- Tone and bass controls
- 70 / 100V line output with 4 Ohm terminal with audio line output
- Short circuit, thermal protections
- AC/DC operation for uninterrupted operation

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