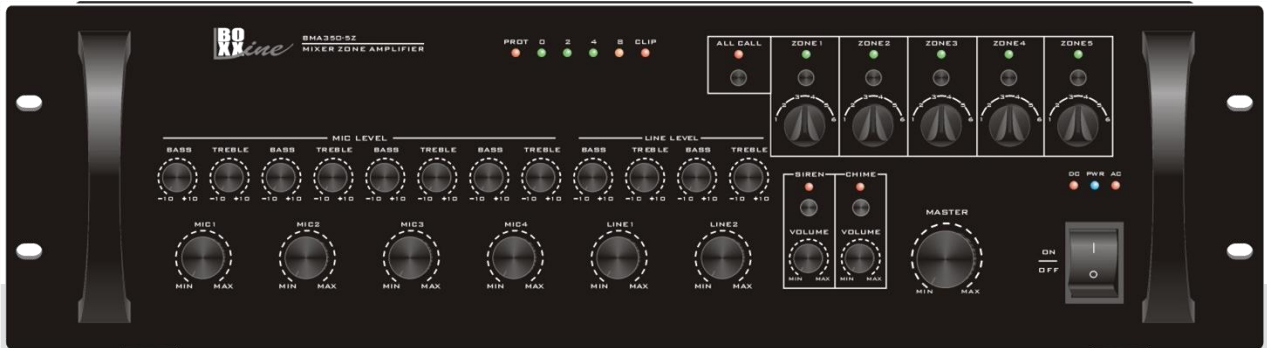


BMA-5ZSERIES

BMA240-5Z • BMA350-5Z

**The BMA-5Z is a
compact 5 Zones
mixer amplifier**



BMA-5Z

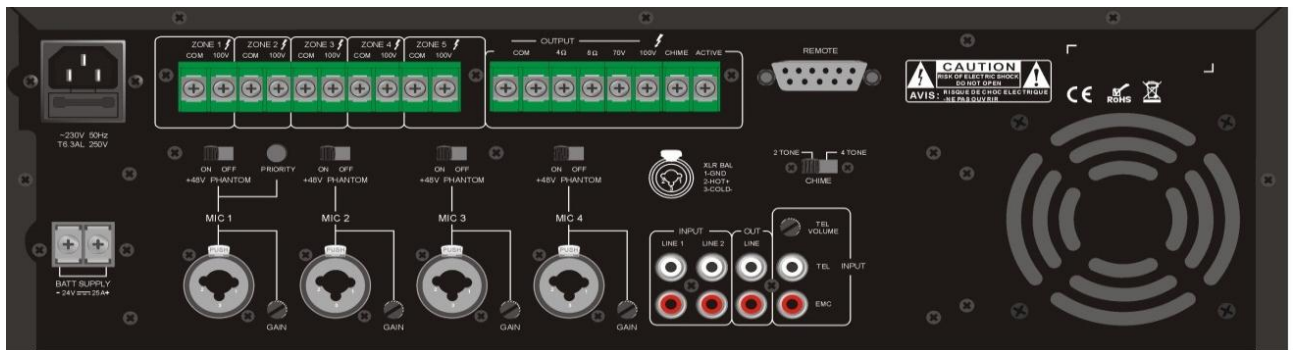
5 ZONES MIXER AMPLIFIER



The BMA350 5 zone mixer amplifiers are 3U mixer amplifier featuring 70V, 100V and 4-16ohm speaker outputs & 4 universal combined mic inputs of 1/4" phone jack and XLR type. 2 line inputs by dual RCA type are also provided. The uniqueness of this amplifier is that the 5 zone outputs with separate volume control, which provide flexible zone control.

Each 6 inputs are equipped with bass/treble tone controls. A remote 5 zone paging console BPC-5 is provided for announcement and control from another location. Master, Mic1-4, line1-2 volume control & 6 separate treble/bass tone control for each input are provided, along with mic 1 of priority over other inputs. Each channel input with separate treble and bass control.

Built-in siren for fire alarm system, EMC input, built-in chime, 2/4 tone chime selector, chime remote trigger. The TEL input could be used as telephone paging system over PA system. The REC output for tape recorder and PRE output, AMP input for adding extra signal processor like mixer, graphic equalizer. Complete protection includes short circuit and thermal protection, current limiter and overloading.



TECHNICAL SPECIFICATIONS

- 7 inputs 5 zone mixer amplifier
- Rack mount amplifier in 3U type
- Rated power output 240W and 350W
- 70V, 100V and 4-16ohm speaker terminals
- 5 zone 100V outputs and all zones outputs
- 4 balanced combined mic inputs of 1/4" phone jack and XLR type with separate gain control and phantom power switch
- 2 dual RCA line inputs, TEL and EMC input
- Each zone speaker output with separate volume control
- Built-in siren and 2/4 tone chime
- Volume control over master, Mic1-4, Line1-2, chime, siren, all zone output and each 5 zone output, tel input and remotepaging mic
- 5 levels of input priority from high to low: EMC input, tel input, remote paging console, Mic1, siren/chime over other inputs
- REC output for tape recorder
- PRE Output and AMP input for extra signal processor
- AC 110V or 220V and DC 24V operation

Model		BMA240-5Z	BMA350-5Z
Amplifier Section(4ΩLoad Output)	Rated Output Power (THD 1%)	240W(RMS)	350W(RMS)
	Speaker Zone 1~5 Output Input Sensitivity/Impedance	50W MAX 5mV 600Ω-245mV 5KΩBAL	70W MAX 5mV 600Ω-245mV 5KΩBAL
Mic Input Section(Mic 1~4 In@1KHz)	S/N Ratio	Better than 55dB	Better than 55dB
	Frequency Response (±3dB)	50Hz~20,000 Hz	50Hz~20,000 Hz
	Tone Control (Bass:100Hz, Treble:10KHz)	±10dB	±10dB
	Phantom Power Input Sensitivity/Impedance	+ 48V 350mV/47KΩ	+ 48V 350mV/47KΩ
Line Input Section (Mic 1~2 In@1KHz)	S/N	Better than 65dB	Better than 65dB
	Frequency Response (±3dB)	50Hz~20,000 Hz	50Hz~20,000 Hz
	Tone Control (Bass: 100Hz, Treble:10KHz)	±10dB	±10dB
Tel Audio Input	Input Sensitivity/Impedance	0.775V/10KΩ	0.775V/10KΩ
	S/N Frequency Response (±3dB)	Better than 65dB 50Hz~20,000 Hz	Better than 65dB 50Hz~20,000 Hz
EMC Audio Input	Input Sensitivity/Impedance	0.775V/10KΩ	0.775V/10KΩ
	S/N Frequency Response (±3dB)	Better than 65dB 50Hz~20,000 Hz	Better than 65dB 50Hz~20,000 Hz
Pre Amp Out (Mic 1~4, Line 1~2, Tel In, Remote In)		1V/600Ω	1V/600Ω
Remote MIC Sensitivity/Impedance		775mV/10KΩ	775mV/10KΩ
THD		Less than 0.1% at 1KHz,	Less than 0.1% at 1KHz,
Power Supply		1/3 rated power ~110V/60Hz or ~230V/50Hz & DC 24V	1/3 rated power ~110V/60Hz or ~230V/50Hz & DC 24V
Power Consumption		320W	500W
Weight		20.15Kg	22.4Kg
Dimensions		484x399x132 mm	484x399x132 mm

19 INCH RACKING & FIXED INSTALLED SOUND SOLUTIONS