



TECHNICAL SPECIFICATIONS



MMA five zones series

These upgraded MMA five zones series multifunction amplifiers have collected the best features from old MMA series and new engineering decisions like D - class power amplifying.

MMA five zones series amplifiers are all-in-one mixers-amplifiers for commercial and industrial applications. There are 6 Mic/Line inputs with gain control, paging microphone, built-in chime, phantom power, priority inputs, graphic equalizer, D – class power amplifier (five zones MMA 240), and so on. All these features are provided by MMA five zones series. A possibility to install music source module and individual speaker's output selectors makes these mixer-amplifiers irreplaceable in public address and announcement systems. MMA – Module Mixing Amplifier: the most universal device for your audio system which gives a possibility to create "one box" background music system.

	MMA 120 five zones mixing amplifier	MMA 240 five zones mixing amplifier
Output power	120 W	240 W
AC power consumption	167 W	280 W
Power supply	~220 V 50 Hz	~220 V 50 Hz
Outputs	Low impedance output – 8 Ω (Phoenix connectors) Hi impedance outputs – 25 V, 70 V, 100 V (Phoenix connectors)	Low impedance output – 8 Ω (Phoenix connectors) Hi impedance outputs – 25 V, 70 V, 100 V (Phoenix connectors)
Inputs	Channel 1-4: sensitivity -50 dB – -6 dB, impedance 20 kΩ ,connectors – Balanced XLR combi Channel 5-6: sensitivity -30 db - +14 db impedance 47 kΩ, connectors – Unbalanced RCA/Jack	Channel 1-4: sensitivity -50 dB – -6 dB, impedance 20 kΩ ,connectors – Balanced XLR combi Channel 5-6: sensitivity -30 db - +14 db impedance 47 kΩ, connectors – Unbalanced RCA/Jack
Frequency response	50 Hz - 15 kHz	50 Hz - 15 kHz
THD	Less than 0,5% at 1 kHz rated power	Less than 0,5% at 1 kHz rated power
Signal/ noise ratio	Better than 90 dB	Better than 90 dB
Tone control	±12 dB Graphic Equalizer: 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz	±12 dB Graphic Equalizer: 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz
Controls	Inputs 1- 6 volume and gain control, MASTER, CHIME volume control, remote MIC gain control, Music on hold volume control, 5 zone collector 7 band graphic equalizer.	Inputs 1- 6 volume and gain control, MASTER, CHIME volume control, remote MIC gain control, Music on hold volume control, 5 zone collector 7 band graphic equalizer.
Indicators	Power, protect, VU-meter	Power, protect, VU-meter
Chime	4 tones	4 tones
Dimensions	420 mm x 88 mm x 320 mm	420 mm x 88 mm x 320 mm
Weight	9,7 kg	10,7 kg
Accessories	19" Rack mounting bracket	19" Rack mounting bracket
Optional modules	FM/AM/CD module with compressed audio files supporting	FM/AM/CD module with compressed audio files supporting