

MIXING AMPLIFIERS
MA Mixing Amplifiers

Universal mixing amplifiers for music and voice.

MA60, MA120 & MA240

Universal mixing amplifiers for public address, background music and paging systems.

Audio signal mixing, with a wide choice of input sources with selectable outputs.

Can be used as component of voice evacuation or public address system in the remote rooms, equipped with 24V DC power supply, line and microphone inputs, phantom power supply.



MA240



MA60



MA120



Technical Specifications	MA60	MA120	MA240
Output power	60 W	120 W	240 W
AC power consumption	160 VA	360 VA	600 VA
DC power consumption	90 VA	175 VA	310 VA
Stand by power consumption	20 VA	25 VA	30 VA
Power supply	~ 230 V / 50 Hz or 24V DC		
Outputs	Low impedance output - 4 Ω (Phoenix connector), Hi impedance outputs - 100 V, 70 V, 25 V (Phoenix connector)		
Inputs	Microphone: Sensitivity - 63 dBu, Impedance 10 kΩ, Connectors - Combi XLR Line: Sensitivity - 0 dBu, Impedance 10 kΩ, Connectors - Combi XLR AUX: Sensitivity - Selectable 18 dBu, 12 dBu, 8 dBu, Impedance 10 kΩ, Connectors - Stereo RCA:		Microphone: Sensitivity - 50 dBu, Impedance 10 kΩ, Connectors - Combi XLR Line: Sensitivity - 8 dBu, Impedance 10 kΩ, Connectors - Combi XLR AUX: Sensitivity - 4 dBu, Impedance 10 kΩ, Connectors - Stereo RCA:
Frequency response	50 Hz - 15 kHz	50 Hz - 15 kHz	80 Hz - 16 kHz
THD	< 2 %	< 2 %	1 %
Signal / noise ratio	> 70 dB	> 70 dB	80 dB
Tone control	Bass ± 10 dB, Treble ± 10 dB	Bass ± 10 dB, Treble ± 10 dB	Bass ± 10 dB, Treble ± 10 dB
Controls	Input level, input gain / phantom power selector, tone control, master volume		
Indicators	Power, output level		
Dimensions	420 mm x 88 mm x 280 mm	420 mm x 88 mm x 280 mm	420 mm x 88 mm x 330 mm
Weight	9,3 kg	10 kg	12,8 kg
Accessories	19" Rack mount bracket		
Colour	Black (RAL 9017)	Black (RAL 9017)	Black (RAL 9017)