

# MMA 2 zone mixing amplifiers with interchangeable modules



## TECHNICAL SPECIFICATIONS



### MMA

**MMA mixing amplifiers with interchangeable music source modules has been created to use in small and medium public address systems.**

These amplifiers are equipped with main necessary features for professional installation: balanced microphone inputs, phantom power supply, AUX input on RCA connectors and line output. **MMA** two zone amplifiers are designed with special slots on front panel for CD or FM tuner interchangeable modules. Can be ordered without any module or with tuner or CD module, or with both modules.

	<b>MMA 120</b>	<b>MMA 240</b>
Power supply	AC 115 V/230 V 50/60 Hz $\pm 10\%$ , with selection;	DC 24 V (max.10 % deviation)
Output power	<b>Max 180 W Rated 120 W</b>	<b>Max 360 W Rated 240 W</b>
AC power consumption	400 W	760 W
DC power consumption	8 A	16 A
Outputs	<b>Speaker</b> — 8 $\Omega$ , 25 V, 70 V, 100 V; <b>Music On Hold Function</b> — 8 $\Omega$ , 1 W/600 $\Omega$ , 1 V balanced; <b>Line</b> — 600 $\Omega$ , 1 V	
Inputs	<b>Mic1/Mic2/Line1/Line2</b> 250 $\Omega$ , 1mV, balanced with phantom, selection (Jump 1/2/3/4) <b>Aux</b> 47 k $\Omega$ , 200 mV, unbalanced; <b>Tel</b> 0,1 - 1 V, 600 $\Omega$ , adjustable, balanced	
Frequency response	60 Hz - 15 kHz	
THD	less than 1 % at kHz, rated power	
Signal/ noise ratio	all the <b>C.C.W. volume controls</b> 75 dB at rated power, <b>Mic1-4</b> 60 dB at rated power <b>Aux</b> 70 dB at rated power; <b>Tel</b> 70 dB at rated power	
Tone control	<b>Bass</b> $\pm 10$ dB at 100 Hz; <b>Treble</b> $\pm 10$ dB at 10 kHz	
Controls	IMic1-Mic4 volume, Line volume (Aux/Tuner/CD), general volume, telephone input, Music On Hold output, tones (Bass, Treble), Zone 1 and 2 selection switch, power supply selection AC 115V/230V	
Indicators	ON/OFF (LED), VU-meter (3 LEDs)	
Chime	2 tones	
Dimensions	430 mm x 88 mm x 385 mm	
Weight	9,35 kg	13,35 kg
Accessories	19" Rack mounting bracket	
Optional modules	<b>CD5</b> — player with compressed audio files support, <b>T</b> — AM/FM tuner	