

# MIXER ZONE AMPLIFIER

MA-120/240A



## Features

- \* Full protection for product reliability
  - Overload and speaker line short limiter circuit
  - Over current limiter circuit
  - Over heating protection
- \* Selectable impedance : 25V,35V,50V,70V and 100V
- \* Soft start circuit for AC power on
- \* Output LED indicator
- \* Input gain volume control for mic/line
- \* Tone control for mic/line
- \* Input : 5 balanced mic (XLR & PL-55) and 2 Aux (RCA)
- \* Selectable phantom power microphone
- \* RCA jack for recording output
- \* Telephone paging
- \* Music -on hold CD, tuner
- \* VOX Mic 1. (muting for priority) for on/off switch
- \* Input 4 CH : mic / line control Switch
- \* Input 5 CH : mic. / CD, tuner control switch
- \* Master volume control
- \* Designed for operation either AC mains or DC24V

### Technical Specifications

AMPLIFIER		MA-120A	MA-240A
Rated Output (RMS)		120W	240W
Input Sensitivity / Impedance	Mic	-50dBm (2.45mV) 2Kohm Balanced	
	Line	-10dBm (245mV) 200Kohm Balanced	
	Tel	-10dBm (245mV) 5Kohm Balanced	
	Rec/Line (pre) Output	0dBm (1000mV) 600 ohm Unbalanced	
	Music-on hold	0dBm (1000mV) 600 ohm Balanced	
Frequency Response		Mic : Less than -3dB (200Hz ~ 20KHz)	
		Line : Less than -3dB (35Hz ~ 20KHz)	
Signal to Noise Ratio		Mic : More then 70dB ("A" weight)	
		Line : More then 80dB ("A" weight)	
T.H.D (at 1KHz Output )		Less than 0.5%	
Tone Controls		Bass : +/- 10dB at 100Hz & Treble : +/-10dB at 10kHz	
Output / Impedance	Low IMP	8 Ohm/31V	8 Ohm/44V
	High IMP	Europe (Ohm)	America (Ohm)
		100V	70V
	MA-120A	83.3 Ohm	40.8 Ohm
MA-240A	41.7 Ohm	20.4 Ohm	
<b>GENERAL</b>			
Power Consumption		350W	740W
Power Source		110-240VAC 50/60Hz and 24VDC	
Weight (kg/lbs)		16.5/36.3	19/42
Dimensions (W x H x D) mm/inch		483 x 133 x 320 & 19" x 5.21" x 13 "	

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