

MIXER AMPLIFIER FM/AM RECEIVER

MA-120/240R



Features

■ AMPLIFIER SECTION.

- * 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

■ TUNER SECTION

- * Tuner LCD Display
- * LED Backlight
- * Up/Down Switch
- * Band Selector FM 1,2,3, AM 1,2
- * Memory Switch 1,2,3,4,5,6

▶ Technical Specifications

AMPLIFIER		MA-120R	MA-240R
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 than 70dB ("A" weight)	
		Line : More than 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-120R	83.3 Ohm	40.8 Ohm
MA-240R	41.7 Ohm	20.4 Ohm	
TUNER SECTION			
Tuning Range		FM : 87.5 ~ 108MHz & AM : 522~1620KHz	
Usable Sensitivity & SN Ratio		FM : 2uV, AM : 4.5uV & FM : 60db, AM : 45dB	
Antenna Impedance		FM : 75 Ohm Coaxial Cable & AM : Loop Antenna & Lead Antenna	
Memory Back-up Time		For 15days (After AC Power Off)	
GENERAL			
Power Consumption		350W	740W
Power Source		110-240VAC 50/60Hz and 24VDC	
Weight (kg/lbs)		14/30.8	16/35
Dimensions (W x H x D) mm/inch		483 x 133 x 320 & 19" x 5.21" x 13 "	

OFFICE & FACTORY : 1115-34 Hwagok-Dong, Kangseo-ku, Seoul, Korea.

www.suhyoon.co.kr E-MAIL:suhyoon@suhyoon.co.kr