

MIXER AMPLIFIER 6CD RECEIVER

MA-120/240CDR



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

■ 6 CD CHANGER SECTION

- * Auto 6 CD changer deck mechanism
- * Play/pause function
- * Disc selection function (D-UP,D-DN)
- * Track selection function (T-UP,T-DN)
- * Repeat (DISC) function (RPT)
- * Random (DISC) function (RDM)
- * Scan (DISC) function (SCAN).
- * Power on/off
- * 6 CD LCD display

■ 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-120CDR		MA-240CDR	
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)	
		50V	100V	25V	70V
	MA-120CDR	20.8 Ohm	83.3 Ohm	5.2 Ohm	40.8 Ohm
	MA-240CDR	10.4 Ohm	41.7 Ohm	2.6 Ohm	20.4 Ohm
6CD CHANGER SECTION					
Digital Filter & T.H.D (1KHz)		8 Times over sampling & Less than 0.03% (JIS A)			
SN Ratio / Dynamic Range (1KHz)		More than 85 dB (JIS A) / 20Hz-20KHz (+/-3dB)			
CH Separation (1KHz) & Frequency Response		Below measurable limit & 20Hz - 20kHz (+/-3dB)			
Wow & Flutter & Access Time		Below measurable limit & Long MAX 8 sec, Short MAX 2 sec			
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)		16.5/36.3		19/41.8	
Dimensions (W x H x D) mm/inch		483 x 133 x 380 & 19" x 5" x 15 "			

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

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