

# MULTI PA COMBINATION AMPLIFIER

SYSTEM-1/2



## 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)
- \* Scan (DISC) Function (SCAN)
- \* Power On/Off
- \* 6 CD LCD Display

### ■ CASSETTE DECK SECTION

- \* Auto Reverse
- \* Rewind Button
- \* Fast Forward Button
- \* Eject Button

### ■ 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		SYSTEM-1		SYSTEM-2	
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)	
		50V	100V	25V	70V
	SYSTEM-1	20.8 Ohm	83.3 Ohm	5.2 Ohm	40.8 Ohm
SYSTEM-2	10.4 Ohm	41.7 Ohm	2.6 Ohm	20.4 Ohm	
<b>6CD CHANGER SECTION</b>					
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			
<b>CASSETTE DECK SECTION</b>					
Tape Speed & Wow and Flutter		4.75cm/sec & Less than 0.35%			
SN Ratio & Frequency Response		Better than 60dB & 100Hz to 6.3kHz			
<b>TUNER SECTION</b>					
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)			
<b>GENERAL</b>					
Power Consumption		350W		740W	
Power Source		110-240VAC 50/60Hz and 24VDC			
Weight (kg/lbs)		18.5/40.7		21/46.2	
Dimensions (W x H x D) mm/inch		483 x 180 x 380 & 19" x 7.1" x 15"			

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