



### Features

- \* Full protection for product reliability
  - Overload and speaker line short limiter circuit
  - Over current limiter circuit
  - Over heating protection
- \* Fan by temperature of heat sink
- \* 400Hz filter to improve clearance of sound quality for matching of resonant sound of inner side
- \* 25V, 50V, 70V and 100V outputs for matching of speaker impedance (optional)
- \* Soft start circuit for AC power on
- \* Output LED indicator
- \* Input gain volume control
- \* XLR and screw terminals for signal input to make an easy installation
- \* Designed for operation either AC mains or 24VDC

## Technical Specifications

AMPLIFIER		MC-5212		MC-5224	
Rated Output (RMS)		120W x 2 CH		240W x 2 CH	
Input Sensitivity / Impedance		1000mV (0dBm) 66K ohm BAL			
Input Filter (H.P.F)		440Hz / -3dB			
Output Level / Impedance	Low IMP	8 Ohm/31V		8 Ohm/44V	
	High IMP	Europe (Ohm)		America (Ohm)	
		50V	100V	25V	70V
	MC-5212	20.8 Ohm	83.3 Ohm	5.2 Ohm	41.7 Ohm
	MC-5224	10.4 Ohm	41.7 Ohm	2.6 Ohm	20.4 Ohm
Frequency Response		Less than -3dB (35Hz ~ 20KHz)			
Signal to Noise Ratio		More then 100dB ("A" weight)			
T.H.D (at 1KHz Output )		Less than 0.5%			
High Pass Filter (-3dB)		350Hz			
Efficiency		80%			
<b>GENERAL</b>					
Power Consumption		700W		1500W	
Power Source		110-240VAC 50/60Hz & 24VDC			
Weight (kg/lbs)		16/35.2		21/46.2	
Dimensions (W x H x D) mm/inch		482 x 132 x 380 & 19" x 5.2" x 15"			