HM300/500/800 Professional Power Amplifier

Features

▼HM series professional Power Amplifier with 2 inches color LCD screen, dynamic frequency indicator. Chinese/English are optional;
▼Adoption of small loop negative feedback technique eliminates transient intermodulation distortion;
▼Design of common emitter common base circuit makes the frequency band of amplifier wider and more balanced, low-frequency thick and elastic, medium frequency smooth and high frequency delicate and structured;
▼Adopt A class work mode for electric current level drive, AB class work mode for output level reduces switch distortion and crossover distortion;
▼Adoption of electronic acceleration technology reduces switch distortion of amplifier tube to a minimum;
▼Adoption of pioneering dynamic following technology prevents the modulation of audio signals from interelectrode capacitance of transistors, and avoids power internal resistance caused by using second-level power supply for high power amplifier;
▼Power transformer adopts A-level iron core and oxygen-free copper paint covered wire to ensure more energy and lower operating temperature;
▼Power filter capacitor adopts audio specific capacitor to ensure less distortion and lower internal resistance, and make charge&discharge current faster and more powerful.

Application:

KTV, Club, Multi-function hall, Household Karaoke,Conference room

HMaudio — — Professional Manufacturer of Karaoke Processor, Professional Audio Processor, Power Supply Sequencer, Intelligent Mixer, Digital Karaoke Amplifier, Digital Equalizer, Feedback Exterminator and DSP Module Board.

Technical Parameter

Model		HM300	HM500	HM800
Output Power	8Ω	300W × 2	500W× 2	800W× 2
	4Ω	450W× 2	900W× 2	1300W× 2
	8Ω(Bridge)	750W	1500W	2000W
	4Ω(Bridge)	--	--	--
S/N		＞103dB		
THD		＜0.01%		
Sensitivity		0.775v/1.0v/1.4v		
Input Impedance		20KΩ Balanced		
Damping Factor		＞200/8Ω		
Rated power		20Hz-20KHz(+0dB～-0.5dB,1KHz)		
Crosstalk of Channels		＞95dB		
Power Protection		Short Circuit, Over Current, Under Voltage, Overvoltage and Overheating.		
Gross Weight		17.5KG	21.4KG	25.1KG
Package Dimensions （W*H*D)		620×610×160(mm)		

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