



PM系列专业音频功率放大器概述及特性:

PM系列产品: 应用了纯模拟的 (AB类) 和 (H类) 电感式电路, 运用了各声道独立供电设计方式, 这样就大大减少了声道之间的互调失真和噪声, 也铸就了音频功率放大器的专业本性, 其使用效果的最佳特点是:

AB类——独特的功率输出电路使工作电压的动态范围更大, 谐波失真与互调失真更小, 致使功率输出晶体管在一个绝对安全的区间范围内工作, 大大提高了可靠及稳定性, 信号放大电感采用了大容量环形变压器, 使输出功率更加有力。

H类——采用了全方位的最新散热系统设计, 保证了功率放大器的最佳工作状态, 大大延长了功率放大器的使用寿命。有着在长时间的高效率工作状态下体现其稳定性和完美的声音底色, 让本系列功率放大器成为了社会专业人士的首选产品。

PM系列专业音频功率放大器特性: 全系列产品具备——过载限幅 / 过流保护 / 智能温控自动保护 / DC保护 / RF保护 / 过热保护电路设计, 和开机延时启动的大电流冲击保护功能, 更增加了设备本身的安全工作可靠性, 并配备了带有热敏器件控制的低噪声两速风扇, 使你用的放心, 广泛适用于语言和音乐声场环境系统。



H类功率放大器技术参数与规格型号:

型 号	PM-2.6	PM-2.8	PM-2.12
输出功率 (立体声 8Ω)	2x600W (THD<1%1KHz)	2x800W (THD<1%1KHz)	2x1200W (THD<1%1KHz)
输出功率 (立体声 4Ω)	2x900W (THD<1%1KHz)	2x1200W (THD<1%1KHz)	2x1800W (THD<1%1KHz)
输出功率 (桥接式 8Ω)	1200W (THD<1%1KHz)	1600W (THD<1%1KHz)	2400W (THD<1%1KHz)
频率范围 (+/- 0.5dB)	20Hz—20kHz	20Hz—20kHz	20Hz—20kHz
输入灵敏度	0.775V	0.775V	0.775V
输入阻抗	40kΩ平衡/20kΩ不平衡	20kΩ平衡/10kΩ不平衡	40kΩ平衡/20kΩ不平衡
信噪比	> 100dB	> 100dB	> 103dB
转换速度	30V/US	30V/US	30V/US
供电电源	220V / AC / 50Hz	220V / AC / 50Hz	220V / AC / 50Hz
耗电量	3500vA	4700vA	5200vA
外型尺寸 (WxHxD)	483 x 89 x 430mm	483 x 89 x 430mm	482 x 89 x 430mm
重量	23Kg	27Kg	29Kg

AB类功率放大器技术参数与规格型号:

型号	PM-2.2	PM-2.3	PM-2.4
输出功率 (立体声 8Ω)	2x250W (THD<1%1KHz)	2x350W (THD<1%1KHz)	2x450W (THD<1%1KHz)
输出功率 (立体声 4Ω)	2x450W (THD<1%1KHz)	2x550W (THD<1%1KHz)	2x730W (THD<1%1KHz)
输出功率 (桥接式 8Ω)	500W (THD<1%1KHz)	700W (THD<1%1KHz)	900W (THD<1%1KHz)
频率范围 (+/- 0.5dB)	20Hz—20kHz	20Hz—20kHz	20Hz—20kHz
输入灵敏度	0.775V	0.775V	0.775V
输入阻抗	40kΩ平衡/20kΩ不平衡	20kΩ平衡/10kΩ不平衡	40kΩ平衡/20kΩ不平衡
信噪比	> 100dB	> 103dB	> 103dB
转换速度	30V/US	30V/US	30V/US
供电电源	220V / AC / 50Hz	220V / AC / 50Hz	220V / AC / 50Hz
耗电量	1500vA	1500vA	1800vA
外型尺寸 (WxHxD)	483 x 89 x 430mm	483 x 89 x 430mm	482 x 89 x 430mm
重量	13Kg	20Kg	23Kg

型号	PM-3.45	PM-4.45	
输出功率 (立体声 8Ω)	3x450W (THD<1%1KHz)	4x450W (THD<1%1KHz)	
输出功率 (立体声 4Ω)	3x750W (THD<1%1KHz)	4x730W (THD<1%1KHz)	
输出功率 (桥接式 8Ω)	-	-	
频率范围 (+/- 0.5dB)	20Hz—20kHz	20Hz—20kHz	
输入灵敏度	0.775V	0.775V	
输入阻抗	40kΩ平衡/20kΩ不平衡	20kΩ平衡/10kΩ不平衡	
信噪比	> 100dB	> 103dB	
转换速度	30V/US	30V/US	
供电电源	220V / AC / 50Hz	220V / AC / 50Hz	
耗电量	2500vA	3100vA	
外型尺寸 (WxHxD)	483 x 89 x 430mm	483 x 89 x 430mm	
重量	22Kg	23Kg	

Overview and characteristics of PM series professional audio power amplifiers :

PM series: the application of pure analog (class AB) and (class H) inductance circuits, the use of each channel independent power supply design, which greatly reduces the sound channel intermodulation distortion and noise, also cast the audio power amplifier professional nature, the best use of the effect of the characteristics are:

Class AB - unique power output circuit to make the dynamic range of working voltage, harmonic distortion and inter-modulation distortion is smaller, the power output transistor in a perfectly safe range within the scope of work, greatly improving the reliability and stability, signal amplification inductance used high-capacity ring transformer, the output power is more powerful.

Class H - the use of a full range of the latest cooling system design, ensure the best working state of the power amplifier, greatly extend the service life of the power amplifier. With its stability and perfect sound background color, the series of power amplifiers have become the first choice for social professionals.

PM series professional audio power amplifier characteristics: full range of products has, overload limiter/over-current protection, temperature control automatic protection/DC protection/RF/overheat protection circuit design, and boot de-lay launch large current shock protection function, increased the safety reliability of the device itself, and is equipped with two speed low noise fan with thermal control device, make you rest assured, it is widely used in the environment system of language and music.



Technical parameters and specifications of class H power amplifier:

model	PM-2.6	PM-2.8	PM-2.12
output power (stereo 8 Ω)	2x600W (THD<1%1KHz)	2x800W (THD<1%1KHz)	2x1200W (THD<1%1KHz)
output power (stereo 4 Ω)	2x900W (THD<1%1KHz)	2x1200W (THD<1%1KHz)	2x1800W (THD<1%1KHz)
output power (bridge type 8 Ω)	1200W (THD<1%1KHz)	1600W (THD<1%1KHz)	2400W (THD<1%1KHz)
Frequency range (+/- 0.5db)	20Hz—20kHz	20Hz—20kHz	20Hz—20kHz
Input sensitivity	0.775V	0.775V	0.775V
Input impedance	40kΩ balance / 20kΩ imbalance	20kΩ balance / 10kΩ imbalance	40kΩ balance / 20kΩ imbalance
SNR	> 100dB	> 100dB	> 103dB
Conversion speed	30V/US	30V/US	30V/US
Power supply	220V / AC / 50Hz	220V / AC / 50Hz	220V / AC / 50Hz
Power consumption	3500vA	4700vA	5200vA
dimensions (WxHxD)	483 x 89 x 430mm	483 x 89 x 430mm	482 x 89 x 430mm
weight	23Kg	27Kg	29Kg

Technical parameters and specifications of class AB power amplifier:

model	PM-2.2	PM-2.3	PM-2.4
output power (stereo 8Ω)	2x250W (THD<1%1KHz)	2x350W (THD<1%1KHz)	2x450W (THD<1%1KHz)
output power (stereo 4Ω)	2x450W (THD<1%1KHz)	2x550W (THD<1%1KHz)	2x730W (THD<1%1KHz)
output power (bridge type 8Ω)	500W (THD<1%1KHz)	700W (THD<1%1KHz)	900W (THD<1%1KHz)
Frequency range (+/- 0.5db)	20Hz—20kHz	20Hz—20kHz	20Hz—20kHz
Input sensitivity	0.775V	0.775V	0.775V
Input impedance	40kΩ balance / 20kΩ im-balance	20kΩ balance / 10kΩ imbalance	40kΩ balance / 20kΩ imbalance
SNR	> 100dB	> 103dB	> 103dB
Conversion speed	30V/US	30V/US	30V/US
Power supply	220V / AC / 50Hz	220V / AC / 50Hz	220V / AC / 50Hz
Power consumption	1500vA	1500vA	1800vA
dimensions (WxHxD)	483 x 89 x 430mm	483 x 89 x 430mm	482 x 89 x 430mm
weight	13Kg	20Kg	23Kg

model	PM-3.45	PM-4.45	
output power (stereo 8 Ω)	3x450W (THD<1%1KHz)	4x450W (THD<1%1KHz)	
output power (stereo 4 Ω)	3x750W (THD<1%1KHz)	4x730W (THD<1%1KHz)	
output power (bridge type 8 Ω)	-	-	
Frequency range (+/- 0.5db)	20Hz—20kHz	20Hz—20kHz	
Input sensitivity	0.775V	0.775V	
Input impedance	40kΩ balance / 20kΩ im-balance	20kΩ balance / 10kΩ imbalance	
SNR	> 100dB	> 103dB	
Conversion speed	30V/US	30V/US	
Power supply	220V / AC / 50Hz	220V / AC / 50Hz	
Power consumption	2500vA	3100vA	
dimensions (WxHxD)	483 x 89 x 430mm	483 x 89 x 430mm	
weight	22Kg	23Kg	