

BA SERIES BA-500 | BA-800 | BA-1000 | BA-1350 CLASS H+ POWER AMPLIFIER



BA series is adopted from Motorola Metal power transistors and designed with differential current power that is fully symmetrical pairs, giving it more headroom. The power supply uses a large current circular transformer accompanied with large capacity condensers provides unlimited energy that reaches full rated output power and stability.

The protection system consists of circuits and cooling fans, the cooling fans will automatically adjust its speed depending on the output power. The protection circuit is used prevent the switch spark noise to damage the speakers, it also provides short-circuit protection from the pressure flow. In addition the protection circuit is designed to automatically disconnect to protect the speaker when temperatures rise up to 85 degree Celsius and with abnormal DC output. The circuit protection does not cut dynamics without the distortion of the transient.

BA系列采用摩托罗拉金属功率晶体管，并采用完全对称双极对装的差分电流功率设计，为其提供更大的余量。电源使用大电流环形变压器和大容量电容器，提供无限能量达到完全额定输出功率和稳定性。

保护系统由电路和冷却风扇组成，冷却风扇将根据输出功率自动调整其速度。保护电路用于防止开关火花噪声损坏扬声器，还提供对压力流的短路保护。此外，保护电路设计为在温度上升至摄氏85度和异常直流输出时自动断开以保护扬声器。保护电路不会在瞬变的失真的情况下切断动态。

BA SERIES

SPECIFICATION | 规格

Model:	BA - 500	BA - 800	BA - 1000	BA - 1350
Stereo power: 8Ω	350W	550W	700W	900W
1 KHz 0.1% THD 4Ω	500W	800W	1000W	1350W
2Ω	750W	1200W	1500W	2000W
Bridge mono Power: 8Ω	1000W	1600W	2000W	2700W
1 KHz 0.1% THD 4Ω	1500W	2400W	3000W	4000W
Signal to noise:	103dB	105dB	105dB	106dB
Slew Rate:	60V/ μ s	60V/ μ s	80V/ μ s	80V/ μ s
Damping Factor:	400:1	450:1	500:1	550:1
Frequency response:	+/-0.1dB, 20Hz+20kHz			
THD:	≤0.01% Rated Power@8Ω 1kHz			
IMD:	≤0.01% Rated Power@8Ω			
Input sensitivity:	0.775V, 1.0V, 1.55V			
Input impedance:	10K/20K ohms, unbalanced or balanced			
Input CMRR:	≤-75dB			
Cross talk:	≤-70dB			
Circuitry:	Class H+			
LEP indicator:	Signal, Protect, Dective, Clip/Limiting			
Main power :	~220V 50/60Hz FUSE:T8A	~220V 50/60Hz FUSE:T10A	~220V 50/60Hz FUSE:T15A	~220V 50/60Hz FUSE:T20A
Power consumption:	1050W	1650W	2100W	2700W
Net weight:	21kg	24kg	30kg	33kg
Dimensions (mm):	483 x 80 x 480 (W/H/D)		483 x 88 x 490 (W/H/D)	

