



PA-900

PROFESSIONAL POWER AMPLIFIER



PA SERIES

PROFESSIONAL POWER AMPLIFIER

- ▶ 电源开关转换，避免开机瞬间峰值电流攻击。
- ▶ 采用MOTOROLA金封管，音质无可比拟。
- ▶ 短路，稳定，直流，限流全保护功能。
- ▶ 噪音抑制功能，失真限幅功能。
- ▶ Power NO/OFF transient，prevent the surge assault
- ▶ Adopt MOTOROLA metal transistor, very perfect sound
- ▶ Short circuit, thermal, DC, Current limited protection function
- ▶ Noise suppression, distortion limiter function

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产品不断改良,当外形与参数变更时均以实样为准恕不另行通知。
Our product is improving. When the external form and parameter changes, please refer to the material object. We will not inform you especially.

Specifications				
Model	Max.Output Power(8ohm)	Max.Output Power(4ohm)	Max.Output Power(2ohm)	Weight
PA-900	900Wx2	1200Wx2	1600WX2	23KG
Model	Max Bridge Mono Power(8ohm)		Max Bridge Mono Power(4ohm)	
PA-900	2700Wx1		4000Wx1	
T.H.D	≤0.1%Rate Power@8Ω1KHz			
IMD	≤0.1%Rate Power@8Ω			
Frequency Response	±0.1dBA 20Hz-20kHz			
Input Sensitivity	0.775V 1.0V 1.5V			
Input Impedance	10K/20Kohms unbalanced or balanced			
Input CMRR	≤75dB			
Cross Talk	≤-70dB			
LED Indicator	Active Protect Signal Clip			
Model	PA-900			
Main Power Supply	~220V50/60Hz FUSE: T20A			
Supply Power	2700W			
Dimensions(mm)	483(W) x 490(D) x 132(H)			



PA-1300

PROFESSIONAL POWER AMPLIFIER



PA

PROFESSIONAL POWER AMPLIFIER

- ▶ 大功率强劲输出，专为超低音设计。
- ▶ 具有DC保护，温度保护，限流保护和短路保护功能，确保工作安全可靠。
- ▶ 特有风扇降燥技术，根据温度实时调整风扇转速。
- ▶ 大容量名牌电容，保证功放满负荷时失真更低，低音更加有力。
- ▶ 可桥接输出。
- ▶ With core technology, perfect sound quality
- ▶ Output is powerful, comprehensive display of dynamic music
- ▶ Advanced protection circuit, free installation and debugging
- ▶ Patent product, quality trustworthy



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Specifications				
Model	Max. Output Power(8ohm)	Max. Output Power(4ohm)	Max. Output Power(2ohm)	Weight
PA-1300	1300Wx2	2000Wx2	2600Wx2	41KG
Bridge Mono Power 1kHz 0.1% THD	(8ohm)4000W			
	(4ohm)5200W			
Signal To Noise	>120dB			
Signal To Noise Ratio	80V / us			
Damping Factor	±0.1dB 20Hz-20kHz			
T.H.D	<0.01% Rated Power@82 1kHz			
IMD	<0.01% Rated Power@89			
Input Impedance	15K/30Kohms unbalanced or balanced			
Input CMRR	≤75dB			
Cross Talk	≤-70dB			
LED Indicator	Signal Protect Active Clip			
Main Power Supply	~220V (±10%) 50-60Hz FUSE: T25A			
Dimensions(mm)	483(W)x510(D)x132(H)mm			

PA-1800

PROFESSIONAL POWER AMPLIFIER



PA SERIES

PROFESSIONAL POWER AMPLIFIER

- ▶ 全新研发大功率功放。
- ▶ 精心调校的电路，音质完美。
特有风扇降燥技术，根据温度实时调整
- ▶ DC保护，过热保护，过流保护和短路。
保护等全面保护功能。
- ▶ 大容量名牌电容，保证功放满负荷时失真更低，低音更加有力。
- ▶ R&S, CLIO 在线测试产品，质量保证。
- ▶ New development high-power amplifier
- ▶ Carefully adjust the circuit, perfect sound quality
- ▶ DC protection, overheat protection, over
- ▶ current protection and short circuit protection comprehensive protection function
- ▶ Large capacity famous brand capacitor, to ensure full load distortion is lower, the bass is more powerful
- ▶ R&S, CLIO online testing products to ensure the quality



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Specifications				
Model	Max.Output Power(8ohm)	Max.Output Power(4ohm)	Max.Output Power(16ohm)	Weight
PK1800	1800Wx2	2900Wx2	900Wx2	45KG
TH.D (1W,20Hz-20KH)	<0.1%			
Signal To Noisenoise	>112dB			
Frequncy response	10Hz-34kHz			
Default Gain	0.77V			
Gain Selectabl	0.775V 1V1.5V			
Input Connrcters	3-Pin XLR			
Input Impedance	15K/30Kohms unblanced or balanced			
Onput Connecters	NL4/Bindingpost			
Main Power Supply	~220V (±10%) 50-60Hz			
Dimensions(mm)	483(W)x483(D)x133(H)mm			

特点特性 Features	
■ 良好的声音品质 Excellent Sound Quality	■ 全保护电路 Au Protect Circuit
■ R&S CLIO 在线测试 R&S Cllo Testing	■ 采用AB电路 Adopt AB Circuit
■ 过热和保险丝保护装置 Over Heat Fuseprotect	

应用领域 Applications	
■ 现场扩声系统 Demonstration Reinforce System	
■ 固定安装 Fixed Installation	

Professional Audio System



DT-8000S

- Efficient and stable synchronous fixed-frequency CLASS-D solution, clock-synchronized ZVS and CS quasiresonant switching power supply system
- Integrated active power factor correction circuit (PFC) with global voltage
- Perfect protection system to effectively reduce damage caused by improper use and further improve machine reliability
- The rear panel has input sensitivity selection (0,775v/1v/32dB), three link modes can be set (stereo/parallel/bridge)
- Extremely lightweight overall weight and minimal space usage
- The bass is thick and powerful, and the medium and high frequency is clear and sweet.
- XLR input socket and link socket, Speak ON NL4 output socket

	DT-2000S		DT-4000S		DT-6000S		DT-8000S	
8Ω Stereo power	1300W x2		1500W x2		1800W x2		2200W x2	
4Ω Stereo power	2000W x2		2400W x2		2700W x2		3150W x2	
2Ω Stereo power	2300W x2		2700W x2		3100W x2		3800W x2	
8Ω Stereo power	4000W x1		4700W x1		5300W x1		5900W x1	
4Ω Stereo power	4600W x1		5300W x1		6100W x1		7500W x1	
Frequency response 8Ω,20Hz--20kHz,1/8 rated power	±0. 5dB							
Total harmonic distortion 8Ω, 1kHz ,1/8 rated power	≤0. 035%	≤0. 035%	≤0. 05%	≤0. 05%	≤0. 1%	≤0. 1%		
Intermodulation distortion 8Ω , 60+7kHz 1/8 rated power	≤0. 15%							
Signal to noise ratio A 8Ω, 1kHz, 1v Sensitivity	≥106dB							
Input sensitivity	0. 775V/1V/32dB							
Input impedance (balanced/unbalanced)	20K Ω /10K Ω							
Conversion rate	≥20V/uS							
Damping coefficient	≥600							
Resolution	≥70dB							
Product dimensions (W x L x H)	483x238x45mm				483x290x45mm			

DE

Acoustics

DH series:

DH series digital power amplifier is our company's new flagship product. This series of power amplifiers, using the multi loop control technology developed by the company, has excellent technical indicators, especially for low impedance and high current power amplification technology, which makes the power amplifier have more than 95% efficiency and excellent stability. The switching power supply uses active PFC and soft switching technology, and the audio power is put on the power amplifier. The optimization design of large devices can adapt to the harsh grid environment and provide continuous power for power amplifiers. The DH series amplifier has the characteristics of high reliability, full power, excellent timbre and strong adaptability. There are 2 channels, 4 channels, 2 series, stable and reliable 2 Ω drive capability, perfect for line array speaker system.

Product features:

- ◆ high efficiency, energy saving and saving operation cost;
- ◆ compact, light and stable structure;
- ◆ conforming to safety regulations, electromagnetic compatibility standards;
- ◆ 90~260VAC wide power supply voltage adaptation range, active power factor correction, universal in any place in the world;
- ◆ international high-end manufacturer devices, first-class quality;
- ◆ temperature control fan, quiet operation;
- ◆ modular design, convenient maintenance;
- ◆ 2 and 4 channels design, especially suitable for flow performance;
- ◆ through strict reliability, environmental adaptability, safety design through the elevation of 5000 meters and tropical climate environment standards

Function:

- ◆ stereo, parallel and bridge;
- ◆ four kinds of gain can be selected;
- ◆ output limiting voltage limit switch;
- ◆ XLR balance input;
- ◆ temperature power control, over temperature indication, over temperature protection;
- ◆ overload power control, uninterrupted sound output;
- ◆ power amplifier output DC protection;
- ◆ power undervoltage Protection;
- ◆ limit, fault indication;

DH-5000T



DH-6000F



DH-4000F



DH SERIES		DH-5000T		DH-6000F		DH-4000F	
Rated power	8Ω/ stereo	2×2200W		4×1350W		4×700W	
	4Ω/ stereo	2×3400W		4×1700W		4×1100W	
	2Ω/ stereo	2×4760W		4×2380W		4×1540W	
	16Ω/ bridging	1×4000W		2×2000W		2×1300W	
	8Ω/ bridging	1×6800W		2×3400W		2×2200W	
	4Ω/ bridging	1×9520W		2×4760W		2×3080W	
RMS output voltage		126.5V		98V		63.2V	
Rising slope		50V/us					
Input sensitivity		Optional: 41dB, 38dB, 35dB, 32dB					
THD+N		0.01%					
IMD-SMPTE		0.01%					
DIM30		0.01%					
Crosstalk suppression		≥ 80 dB					
Frequency response		±0.2dB					
input resistance		20kΩ（balance）, 10kΩ（Unbalanced）					
Damping coefficient		≥ 5000					
Signal to noise ratio		≥ 115dB	≥ 112dB	≥ 110dB	≥ 109dB	≥ 106dB	
Power requirement		90~260VAC, 50~60 Hz					
Protective function		Power supply undervoltage protection, power amplifier output DC protection, overheat protection, temperature power control, overload power control					
Dimensions		483×44×465mm			483×44×370mm		
Net Weight		12kg			8.8kg		