

Product Features:

- High energy efficiency ratio, in line with the trend of energy saving and emission reduction;
- Using international high-end manufacturers device, first-class quality;
- Can drive low impedance load (8 Ω /4 Ω) or high impedance distributed load (100 V constant voltage);
- It can be mixed with low resistance and high resistance systems;
- No output transformer design, better sound quality, higher cost performance;
- Small size, light weight, 2u Rack Space,
- The AC power cord and rack mounting accessories are detachable, which can better adapt to different installation methods;
- The background noise of the amplifier output is small, and the fan noise is small, which meets the requirements of the near field;

Function:

- Stereo, parallel, bridge three fixed-Resistance Mode, 100 V fixed-pressure working mode;
- 5.08 Phoenix connector balance input terminal, 10mm fence output terminal;
- Clipping limiter: to prevent the power amplifier output waveform of severe clipping, while maintaining the peak output power;
- Power Control limiter: to prevent the output power of the Power Amplifier from exceeding the range of the speaker;
- Power Amplifier Output DC protection: to prevent the output of the infrasound signal;
- Temperature power control and over-temperature protection;
- Under-voltage protection;

NP series technical parameters

Model		NP8-300	NP8-150
Rated Power (THD = 1%, Lian Continuous sine 1 kHz Each Channel works simultaneously)	8 Ω /stereo	8x300 W	8x150 W
	4 Ω /stereo	8x450 W	8x200 W
	16 Ω /Bridge	4x600 W	4x300 W
	8 Ω /Bridge	4x900 W	4x400 W
	Constant Pressure	4x900 W/100 V	4x400 W/100 V
Input sensitivity (rated output power, 1 kHz)		1 Vrms, 0.7 VRMS selectable	
Thd + N (10% rated output power, typical)		0.05%	
IMD-SMPTE (10% rated output power, typical)		0.05%	
Dim30 (10% rated output power, typical)		0.05%	
Crosstalk suppression (less than rated power, 20Hz ~ 20Hz ~ 1 kHz)		≥ 75 db	
Frequency Response (10% rated output power, 8 Ω) 20Hz ~ 20 kHz)		$\leq \pm 0.2$ db	
Input Impedance		20 k Ω (balanced), 10 k Ω (unbalanced)	
Damping Coefficient (8 Ω , 20Hz ~ 20Hz ~ 200Hz)		≥ 1000	
SNR (a weighting, 20Hz ~ 20Hz ~ 20 kHz)		≥ 100 db	
Power Requirements		110 ~ 240vac ($\pm 10\%$), 50-50 ~ 60Hz	
Protection Function		Power undervoltage protection, Power Amplifier Output DC protection, overheating protection, temperature power control, overload power control	
Dimensions (w x H x D)		480x88x290	
Net weight		8 kg	