



G2.14

Two channel amplifier

Description

The G series power amplifier is a professional power amplifier specially launched by SYRINCS for the entertainment market, with exclusive tone tuning. The entire series adopts carefully designed fully balanced amplification circuits, resulting in sweet and powerful tones.

Features

- 1. Innovative amplification circuit, the whole machine ensures sound quality while significantly improving efficiency (the overall efficiency is nearly twice that of traditional design, more energy-efficient);
- 2. Unique voltage current temperature management system ensures more stable system operation;
- 3. Complete functional settings and model sequences to meet the needs of various application scenarios in the entertainment market.





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Technical specifications

Power	
Stereo 8 Ω	1200W x 2
Stereo 4 Ω	1700W x 2
Input sensitivity (3 gears optional) @8 Ω , 1kHz, $\pm 10\%$ or $\pm 1\text{dB}$	
0.775V	0.73V
1V	0.92V
32dB (40x gain)	32dB
Total harmonic distortion	< 0.1% @ 8 Ω , 1kHz
Intermodulation distortion	< 0.5% @ 8 Ω , 60Hz/7kHz 4:1
Frequency response	20Hz-20kHz $\pm 2\text{dB}$
Damping coefficient	> 200 @ 8 Ω , 100Hz
Signal to noise ratio	> 105dB @ 8 Ω , 1kHz, 32dB range, A-weighted

Physical specifications

Rated consumption current @ 1/8 maximum output power, 4 Ω	6A
Input interface	XLR x 2
Cascade output	XLR x 2
Power output	NL4 x 2
Rated power supply voltage	220V~50Hz
Cooling method	Dual Cooling Fan Controlled by Temperature
Environmental temperature	Operating temperature -10 $^{\circ}\text{C}$ ~40 $^{\circ}\text{C}$ Storage and transportation temperature -25 $^{\circ}\text{C}$ ~80 $^{\circ}\text{C}$
Net weight	16.4kg
Size	89mm \times 482mm \times 279mm (including 304mm rack)