

### 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. The amplifier is equipped with a variety of functional settings and model sequences to meet the needs of various application scenarios in the entertainment market. The amplifier has a high power output, a wide frequency response range and a high signal-to-noise ratio, which can provide a stable and reliable sound reinforcement system for various entertainment venues. The amplifier is also equipped with a variety of protection functions, including over-temperature protection and short circuit protection. It can effectively protect the equipment from damage caused by improper use or external factors. In addition, the amplifier has a built-in cooling system, which can effectively dissipate heat generated during operation and ensure the stable operation of the equipment. The amplifier is suitable for various entertainment venues such as KTV, bars and clubs. It can provide high-quality sound reinforcement to enhance the atmosphere of the venue and improve the user experience.



### 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.



# G2.08

Two channel amplifier

## Technical specifications

Power	
Stereo 8 $\Omega$	800W $\times$ 2
Stereo 4 $\Omega$	1100W $\times$ 2
Input sensitivity (3 gears optional) @8 $\Omega$ , 1kHz, $\pm$ 10% or $\pm$ 1dB	
0.775V	0.73V
1V	0.9V
32dB (40x gain)	32dB
Total harmonic distortion	< 0.1% @ 8 $\Omega$ , 1kHz
Intermodulation distortion	< 0.5% @ 8 $\Omega$ , 60Hz/7kHz 4:1
Frequency response	20Hz-20kHz $\pm$ 2dB
Damping coefficient	> 200 @ 8 $\Omega$ , 100Hz
Signal to noise ratio	> 105dB @ 8 $\Omega$ , 1kHz, 32dB range, A-weighted

## Physical specifications

Rated consumption current @ 1/8 maximum output power, 4 $\Omega$	5A
Input interface	XLR $\times$ 2
Cascade output	XLR $\times$ 2
Power output	NL4 $\times$ 2
Rated power supply voltage	220V~50Hz
Cooling method	Dual Cooling Fan Controlled by Temperature
Environmental temperature	Operating temperature -10 $^{\circ}$ C~40 $^{\circ}$ C Storage and transportation temperature -25 $^{\circ}$ C~80 $^{\circ}$ C
Net weight	13.7kg
Size	89mm $\times$ 482mm $\times$ 279mm (including 304mm rack)