



Description

This series of products is the latest generation of high-power professional digital amplifiers, which is characterized by high efficiency, stability and excellent sound quality. It has broken through the traditional technology in power technology, modulation technology and control technology, so as to substantially improve the overall performance. The application of variable oscillator modulation technology, multiple feedback control technology and innovative output power control technology endow this series of amplifiers with over 95% ultra-high efficiency and excellent stability. And it is specially applicable to large-scale sound reinforcement venues, tour performance multipurpose halls, etc.

Feature

- * 4-channel 4*1200W fourth-generation professional digital power amplifier.
- * Support DC, short circuit, overload and overheat protection;
- * Support signal, power, temperature and other voltage limiting functions;
- * Support XLR balanced input; SPEAKON audio socket output;
- * Support optional three modes: MONO/STEREO/BRIDGE;
- * Input sensitivity (rated output power @1KHz) optional: 40dB, 37dB, 34dB, 31dB.
- * With a temperature-controlled fan, it rotates as soon as it is turned on; the fan accelerates as the temperature rises, and reaches full speed at about 60°C;
- * The panel is designed with Signal (green), CLIP (orange), Protection (red), power indicator (blue);
- * Regular load is 8 ohms, 4 ohms, minimum 2 ohms.



Specification

Output Power	Stereo 8Ω: 1200W×4 Stereo 4Ω: 2000W×4 Stereo 2Ω: 2800W×4 Bridge 16Ω: 2400W × 2 Bridge 8Ω: 4000W × 2 Bridge 4Ω: 5600W × 2
Input sensitivity	1V
Input sensitivity optional	40dB , 37dB , 34dB , 31dB
Input resistance	10KΩ
Frequency response (@1W power)	20Hz-20KHz ±1dB @8Ω
THD+N(@1/8 power)	≤0.01%
Separation(@1KHz)	≥80dB
Damping factor (@1KHz)	≥200@ 8 ohms
SNR (A-weighted)	≥102dB
Input voltage	AC220V
Overall power consumption	2600W
Product Size	484×443×44.75
Product weight	13kg

Notes:

Output power: according to CEA-2006-B/CEA-490-A standard using 20ms pulse 1kHz sine wave measured under 1% total harmonic distortion.
Overall power consumption: according to GB4943.1-2022 test method: measured under 1kHz sine wave rated load 1/8 power conditions.