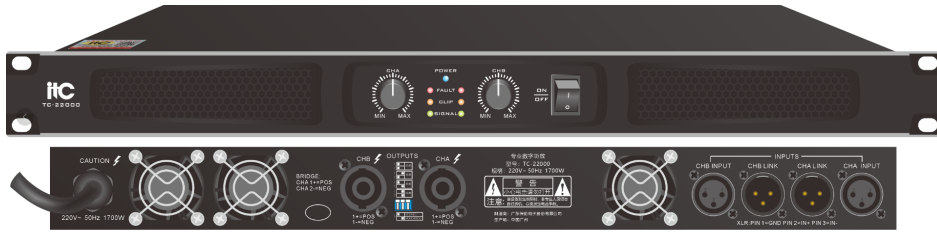




Professional Amplifier

TC-22000



Description

This series of products is the latest generation of high-power professional digital power amplifiers, featuring high efficiency, stability and excellent sound quality. It is specially designed for large-scale sound reinforcement, performances in multi-function halls, etc.

Feature

- Dual-channel high-power professional digital power amplifier;
- * The power amplifier has DC, short circuit, overload and overheat protection;
- * Adopt variable oscillation modulation technology, multiple feedback control technology and innovative output power control technology to achieve more than 95% ultra-high efficiency and excellent stability;
- * Input sensitivity (rated output power@1KHz) optional: 42dB, 39dB, 36dB, 33dB;
- * With signal, power, temperature limit function;
- * Three modes of MONO/STEREO/BRIDGE can be switched;
- * With temperature-controlled fan, which will run when booting, and will accelerate as the temperature increases. The full speed is about 60 degrees;
- * The panel has signal indicator (green), clipping indicator (orange), protection indicator (red), and power indicator (blue);
- * Regular load is 8 Euros, 4 Euros, and minimum 2 Euros.

Specification

Output power (1kHz/THD≤1%)	Stereo 8Ω: 2*2000W;Stereo 4Ω: 2*3400W;Stereo 2Ω: 2*4760W;Bridge 16Ω: 1*4000W; Bridge 8Ω: 1*6800W;Bridge 4Ω: 1*9520W;
Connecting socket	XLR interface
Input Sensitivity (Rated Output Power, @1KHz)	42dB , 39dB , 36dB , 33dB , optional
Input impedance	10KΩ unbalanced, 20KΩ balanced
Frequency response (Under @1W power)	20-20KHz/±1dB
THD+N (Under @1/8 power)	≤0.01%
SNR (A-weighted)	≥106dB
Damping Factor (@ 1kHz)	≥200@ 8 ohms
Crosstalk (@1kHz)	≥85dB
Protection method	Overvoltage protection, undervoltage protection, overcurrent protection, DC protection, short circuit protection
Indicator light	Power, Protection, Signal, Distortion
Cooling method	Fan cooling
Power supply	~ 220 50Hz
Overall power consumption	1700W
Dimensions (L x W x H)	484x353x44mm
Weight	8.1kg
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.	