



Professional Digital Amplifier

KT-P21000



Description

This series of products is a new generation of high-power professional amplifiers, which break through the traditional technology in power supply technology, modulation technology and control technology, so that the overall performance has been substantially improved. The application of variable oscillation modulation technology, multiple feedback regulation technology and innovative output power control technology endows the amplifier with more than 95% ultra-high efficiency and excellent stability. All in all, characterized by high efficiency, stable performance, and excellent sound quality, it is specially suitable for entertainment venues, discotheques, karaokes and other places.

Feature

- * Dual-channel high-power professional digital amplifier;
- * With DC, short circuit, overload and overheat protection;
- * Using variable oscillation modulation technology, multiple feedback regulation technology and innovative output power control technology, it features more than 95% ultra-high efficiency and excellent stability;
- * Support 1V/2V sensitivity adjustment; XLR balanced input/XLR balanced LINK output; SPEAKON audio socket output;
- * With signal, power, temperature voltage limit function;
- * Three modes are optional: MONO/STEREO/BRIDGE;
- * With a temperature-controlled fan, it turns immediately when it is turned on, and accelerates as the temperature rises, and it is at full speed at about 60°C;
- * The panel is designed with Signal (green), Clip (orange), Protection (red), and Power (blue) indicators;
- * Support normal loads of 8 ohms and 4 ohms, and the minimum is 2 ohms.

Specification

Model	KT-P21000
Output power (1kHz/THD≤1%)	Continuous power amplification
Stereo 8Ω×2	2*1000W
Stereo 4Ω×2	2*1700W
Stereo 2Ω×2	2*2900W
Bridge 16Ω	2000W
Bridge 8Ω	3400W
Bridge 4Ω	5800W
Connector	XLR interface
Voltage gain (@1kHz)	39dB
Input sensitivity	2.2dBu(1V), 8.2dBu(2V)
Input impedance	10KΩ unbalanced, 20KΩ balanced
Frequency response (@1W power)	20Hz~20kHz/+3~-1dB
THD+N (@1/8 power)	≤0.01%
SNR (A-weighted)	≥105dB
Damping coefficient (@1kHz)	≥200@8ohms
Separation (@1kHz)	≥85dB



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Protection mode	Overvoltage protection, undervoltage protection, overcurrent protection, DC protection, short circuit protection
Indicator light	Power, Protection, Signal, Clip
Cooling method	Fan cooling
Power supply	~220 50Hz
Maximum power consumption	2500W
Dimension (L×W×H)	483×370×44mm
Weight	7.6kg

*The power is measured at 1% THD using a 20ms pulsed 1kHz sine wave