itc · KT SERIES AMPLIFIERS

KT-P21000

Professional Digital Amplifier

The itc KT-P21000 is a professional Digital Amplifier from itc's KT Series Amplifiers range, built for powering loudspeaker systems in halls, auditoriums, places of worship, banquet venues and live events.

Key figures: output power Continuous power amplification; frequency response 20Hz~20kHz/+3~-1dB; thd+n ≤0.01%. Highlights include MONO/STEREO/BRIDGE mode for selection and temperature-controlled fan.



Key features

- More than 95% ultra-high efficiency and excellent stability — Variable oscillation modulation technology Multiple feedback regulation technology Innovative output power control technology
- With signal, power, temperature voltage limit function
- MONO/STEREO/BRIDGE mode for selection
- Temperature-controlled fan — Turn on immediately when booting Accelerate as the temperature rises Full speed at about 60℃
- Normal loads of 8 ohms, 4 ohms, and 2 ohms

Technical specifications

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
Protection mode	Overvoltage protection, undervoltage protection, overcurrent protection, DC protection, short circuit protection
Indicator light	Power, Protection, Signal, Clip

Continued specifications on request.