itc · TC SERIES AMPLIFIERS

TC-21000

Professional Amplifier

The itc TC-21000 is a professional Amplifier from itc's TC Series Amplifiers range, built for powering loudspeaker systems in halls, auditoriums, places of worship, banquet venues and live events.

Key figures: power at Stereo 8Ω×2 (continuous · max) 2*1000W · 2*1500W; power at Stereo 4Ω×2 (continuous · max) 2*1700W · 2*2600W; power at Stereo 2Ω×2 (continuous · max) 2*2900W · 2*4350W. Highlights include multi-track audio loop technology.



Key features

- Dual-channel high-power professional digital power amplifier
- Excellent technologies ensure high working stability — Adaptive variable modulation frequency Automatic stabilization technology
- Multi-track audio loop technology — Reduce audio distortion Provide ultra-high dynamic range frequency response
- Audio output adaptive load power control technology — Enhances the ability to adapt to various complex load environments
- More than 95% ultra-high efficiency — Adaptive dynamic power efficient conversion of power supply Multi-channel status detection automatic power adjustment

Technical specifications

Power cont./max — Stereo 8Ω×2	2*1000W · 2*1500W
Power cont./max — Stereo 4Ω×2	2*1700W · 2*2600W
Power cont./max — Stereo 2Ω×2	2*2900W · 2*4350W
Power cont./max — Bridge 16Ω	2000W · 3000W
Power cont./max — Bridge 8Ω	3400W · 5100W
Power cont./max — Bridge 4Ω	5800W · 8670W
Connecting socket	XLR interface
Voltage Gain (@1kHz)	39dB
Input sensitivity	2.2dBU(1V), 8.2dBU(2V)
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)	≥105dB
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

Continued specifications on request.