itc · TC SERIES AMPLIFIERS

TC-41500

Professional Amplifier

The itc TC-41500 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: input sensitivity(rated output power, @1khz) 41dB□38dB□35dB□32dB□optional; frequency response 20-20KHz/±1dB; thd+n ≤0.01□. Highlights include MONO/STEREO/BRIDGE mode for selection.



Key features

- Four-channel high-power professional digital power amplifier
- 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 — Work immediately when booting Accelerate as the temperature rises Full speed at about 60℃

Technical specifications

Output power (1KHz/THD≤1%)	Stereo 8Ω: 4*1500W; 4Ω: 4*2550W; 2Ω: 4*3570W; Bridge 16Ω: 2*3000W; 8Ω: 2*5100W; ;4Ω□2*7140W;
Connector	XLR interface
Input sensitivity(rated output power, @1	41dB□38dB□35dB□32dB□optional
Input impedance	10KΩ unbalanced, 20KΩ balanced
Frequency response (@1W power)	20-20KHz/±1dB
THD+N (@1/8 power)	≤0.01□
SNR (A-weighted)	≥106dB
Damping coefficient (@1KHz)	≥200@ 8 ohms
Separation (@1KHz)	≥85dB
Protection method	Over-voltage protection, under-voltage protection, over-current protection, DC protection, short circuit protection
Indicator light	Power, Protection, Signal, Distortion
Cooling method	Fan cooling
Power supply	~ 220 50Hz
Overall power consumption	2700W
Dimension (L×W×H)	484x443x44mm
Weight	12.1kg