itc · DSP SERIES AMPLIFIERS

T-2500KS

Multimedia Amplifier

The itc T-2500KS is a multimedia Amplifier from itc's DSP Series Amplifiers range, built for powering loudspeaker systems in halls, auditoriums, places of worship, banquet venues and live events.

Key figures: rated output power 2x500W@4R; 2x350W@8R; power voltage ~220V 50Hz; power consumption 210W. Highlights include built-in DSP processor, optional control methods, independent adjustment of microphone and music and built-in 48V phantom switch control function.



Key features

- Built-in DSP processor — Realize various scene presets Sound processing functions such as delay, reverberation, mixing, anti-howling (7-level frequency shift), tone shift (10-level), vocal excitation, and original vocal elimination
- Optional control methods — IR remote control Coding switch Button control
- Independent adjustment of microphone and music — Volume adjustment Effect adjustment Treble/alto/bass adjustment Input gain adjustment
- Built-in 48V phantom switch control function
- Comprehensive protective measures — Soft start protection Overvoltage protection Undervoltage protection Overload protection Short circuit protection Overheat protection

Technical specifications

Rated output power	2x500W@4R; 2x350W@8R
Input sensitivity and impedance	MIC1, 2, 3: ±2.5mV/600Ω-±200mV/10KΩ, with phantom balanced input); DVD: 350mV/10KΩ, (unbalanced input); VCD: 350mV/10KΩ, (unbalanced input); BMG: 350mV /10KΩ, (unbalanced input); optical fiber, coaxial:
Output	S.W(150Hz): 1V/470Ω; PRE: 1V±50mv/470Ω; REC: 200mV±20mv/470Ω
Microphone tone	Low frequency: ±10dBat100Hz; Intermediate frequency: ±10dBat2KHz; High frequency: ±10dBat10KHz
Music tone	Low frequency: ±10dBat100Hz; Intermediate frequency: ±10dBat2KHz; High frequency: ±10dBat10KHz
THD	Amplifier rated output power 1Kz (under 1/8A power condition) ≤0.1%
USB playback	Support MP3, WAV, APE, FLAC
Communication	RS485 communication central control integrated control function
Frequency response	DVD, VCD, BGM: 20HZ (±3dB)-20KHZ (± 3dB); Mic: 50HZ (± 3dB)-16KHZ (± 3dB)
SNR	Mic: ≥85dB; Music: ≥85dB
Protection	Overload, short circuit, over voltage, under voltage protection
Indicator light	Power supply, output level
Power voltage	~220V 50Hz
Power consumption	210W
Weight	7.1kg

Continued specifications on request.