



# 4-Channel Digital Amplifier

## TS-4500DT



### Feature:

It is suitable for medium and large theaters, outdoor performances, stadiums, nightclubs, entertainment venues, bars, banquet halls, concert halls and so on.

### Feature:

- \* The latest class-D amplifier design, low distortion and high efficiency.
- \* Switching power supply, with high efficiency; soft starter can prevent absorbing large currents into the power grid when starting up and interfering with other electrical devices.
- \* Effectively suppress power harmonics, meet the EU green power standard.
- \* Intelligent peak clipper controls the power module and speaker system to work within a safe range.
- \* Standard XLR + TRS 1/4" composite input interface, simple interface design is more convenient for different users.
- \* The amplifier has three options of input sensitivity, which can easily accept a wide range signal source input.
- \* Suitable for different places, stereo mode or bridge mode are optional.
- \* Grounded input pin and suspension control switch.
- \* High-performance 32-bit floating point DSP chip processor, 96KHz sampling rate, 24-bit A/D and D/A.
- \* ARM operating system works with a 4-inch touch screen.
- \* User-friendly PC software supports multiple simultaneous controls.
- \* Each output channel supports 8-band parameter equalization, electronic frequency division, delay, limiter, gain, polarity and other functions.
- \* It can be connected with computer through USB/RS45 interface.
- \* With over voltage protection, under voltage protection, over temperature protection, over current protection, DC protection, output short circuit protection, temperature control fan, etc.
- \* Support DANTE network transmission protocol, low-latency DANTE network audio transmission, 4 sending channels, 4 receiving channels, network audio extension.

### Specification:

Model	TS-4500DT
Output power (20-20KHz/THD≤1%)	Stereo/parallel 8Ω × 4: 350W × 4; Stereo/parallel 4Ω × 4: 500W × 4; Bridge 8Ω × 2: 1000W × 2
Connection	XLR, TRS interface
Voltage gain (@ 1KHz)	34.4dB
Input sensitivity	0.775V
Input impedance	10kΩ unbalanced, 20kΩ balanced
Frequency response (under 1W power)	20Hz-20kHz / + 0 / -2dB
THD + N (at @ 1/8 power)	≤0.05%
SNR(A-weighted)	≥90dB
Damping coefficient (@ 1KHz)	≥200 @ 8 ohms
Resolution (@ 1KHz)	≥80dB
Protection method	Over current protection, DC protection, short circuit protection
Indicator	Power supply, protection, distortion
Cooling method	Fan cooling
Powered supply	~ 220V 50Hz
Maximum power consumption	2500W
Size	483×360×88mm
Weight	10.5Kg