



# PI Series Professional Amplifier

## TS-4500PD



### Application Scene

\*Large theater, outdoor performances, Stadium sports venues, clubs, nightclubs, entertainment bars, leasing, auditorium, banquet hall, Concerts and so on.

### Feature

- \*Using the latest patented technology class-D amplifier design, small distortion, high efficiency.
- \*Using switching power supply, high efficiency; power on soft-start, to prevent power to the grid absorbs a large current, interference with other electrical equipment.
- \*Effective suppression of power harmonics, to meet the EU green power standards.
- \*Intelligent clipping limiter controls the power module and the speaker system works in a safe range.

\*Standard XLR+TRS1/4" composite multifunctional input interface, simple interface is more convenient to meet different user needs.

\*Two-channel amplifier with 3 input sensitivity options, easy to accept wide input amplitude range of the signal source.

\*Adapting to different situations, stereo, bridge or parallel optional.

\*With input pin grounded and suspension control.

\*With over voltage protection, under voltage protection, over temperature pressure limit, over temperature shutdown, over current voltage limit, over current shutdown, DC protection, output short circuit protection, linear temperature control fan.

\*Built-in recoverable unique cut-off switch, panel with removable structure, can self-clean dustproof cotton.

Output Power (20-20KHz/THD≤1%)	TS-4500PD
Stereo / Parallel 8Ω×4	350W×4
Stereo / Parallel 4Ω×4	500W×4
Bridge 8Ω×2	1000W×2
Connecting Plug	XLR, TRS interface
Voltage Gain (@1KHz)	34.4dB
Input Sensitivity	0.775V/1V/1.44V
Input Impedance	10KΩ unbalanced, 20KΩ balanced
Frequency Response (@ 1W Power)	20-20KHz/+0/-2dB
THD+N (@1/8 Power)	≤0.05%
S/N Ratio (A-Weighted)	≥95dB
Damping Coefficient (@ 1KHz)	≥200@ 8Ω
Resolution (@1KHz)	≥80dB
Protection Mode	Overcurrent protection, DC protection, short circuit protection
Indicator Light	Power, protection, distortion
Cooling Mode	Fan cooling
Power Supply	~220-240V 50/60Hz
Maximum Power Consumption	2600W
Dimensions (mm)	483 (L)×350 (W)×88 (H)
Weight	9.2Kg