



Professional Digital Amplifier

TS-4200PD



Application

Medium and large theaters, outdoor performances, theaters, sports venues, clubs, night clubs, entertainment venues, rentals, auditoriums, banquet halls. Concerts, etc.

Features

- * Adopting the latest class-D power amplifier design scheme, the distortion is small and the efficiency is high;
- * The power supply adopts switching power supply, which has high efficiency; it is soft-started at startup to prevent large current from being absorbed into the power grid during power-on and interfere with other power-consuming equipment.
- * Effectively suppress power supply harmonics and meet EU green power standards.
- * Intelligent peak clipping limiter, control power module and speaker system work within safe range;
- * Standard XLR + TRS 1/4" composite input interface, simple interface is more convenient for different user needs.
- * Adapt to different occasions, optional stereo or bridge mode of operation.
- * Input grounding pin grounding and suspension control switch, which has noise suppression.
- * With: overvoltage protection, undervoltage protection, over temperature and pressure limit, over temperature shutdown, overcurrent voltage limit, overcurrent shutdown, DC protection, output short circuit protection, temperature control fan, power amplifier frequency synchronization, PWM frequency synchronization, etc. .
- * Built-in recoverable unique cut-off switch.
- * The detachable structure of the panel cleans the dustproof cotton by itself.

Technical Parameters

Model	TS-4200PD
Output power (20-20KHz/THD≤1%) stereo/parallel 8Ω×4	120W×4
Output power (20-20KHz/THD≤1%) stereo/parallel 4Ω×4	200W×4
Bridge 8Ω×2	400W×2
Connection interface	XLR 、 TRS interface
Voltage gain (@1KHz)	34.4dB
Input sensitivity	0.775V/1V/1.44V
Input resistance	10K Ω unbalanced、 20KΩ balanced
Frequency response (@1W power)	20Hz-20KHz/+0/-2dB
THD+N (@1/8 power)	≤0.05%
SNR	≥95dB
Damping coefficient (@ 1KHz)	≥200 @ 8Ω
Resolution (@1KHz)	≥80dB
Protection method	Overcurrent protection, DC protection, short circuit protection
Indicator light	Power supply, protection, distortion
Cooling method	Fan cooling
Power supply	~ AC 220V 50Hz
Maximum power consumption	1000W
Size (LxWxH)	483×350×88 mm
Weight	8.5Kg