



Professional Digital Power Amplifier

TS-4700PD/TS-41000PD



Application scenarios:

Medium and large theaters, outdoor performances, theaters, stadiums, clubs, nightclubs, entertainment venues, bars, leases, auditorium , banquet halls. Concerts etc.

Features:

- * Adopt the latest class D power amplifier design scheme, with low distortion and high efficiency;
- * The power supply adopts switching power supply, which has high efficiency; soft start when starting to prevent the large current from being absorbed into the grid when starting up and disturbing other electrical equipment.
- * Effectively suppress power harmonics and meet EU green power standards;
- * Intelligent peak clipping limiter, control the power module and speaker system to work within a safe range;
- * Standard XLR+TRS1/4" composite input interface, simple interface is more convenient for different user needs.
- * Turn on the power sequence to turn on the power amplifier function.
- * The remote interface can use the central control system to turn on and off the power amplifier.
- * Built-in low-cut switch selection function.
- * Adapt to the needs of different occasions, optional stereo or parallel working mode.
- * With over voltage protection, under voltage protection, over temperature voltage limit, over temperature shutdown, over current voltage limit, over current shutdown, DC protection, output short circuit protection, temperature control fan, and other functions.

Technical parameter:

Output power (20-20KHz/THD≤1%)	TS-4700PD	TS-41000PD
Stereo/parallel 8Ω×4	500W×4	750W×4
Stereo/Parallel 4Ω×4	700W×4	1000W×4
Integrated Socket	XLR ,TRS Interface	
Voltage gain (@1KHz)	36dB	37.8dB
Input sensitivity	1V	
Input Impedance	10KΩ Unbalance, 20KΩ balance	
Frequency response (@1W power)	20-20KHz/+0/-2dB	
THD+N (@1/8 power)	≤0.05%	
Signal to noise ratio (A weighting)	≥100dB	
Damping (@ 1KHz)	≥200@ 8 ohms	
Resolution (@1KHz)	≥80dB	
Protection mode	Overcurrent protection, DC protection, short circuit protection	
Indicator light	Power, protection, distortion	
Cooling method	Fan cooling	
Power Supply	~220-240V 50/60Hz	
Maximum power consumption	3600W	5000W
Dimensions (L xWxH)	483x405x88 mm	
Weight	10.5Kg	11.5Kg