



8-Channel Digital Amplifier

TS-8120S



Description

It is suitable for medium and large theaters, outdoor performances, stadiums, nightclubs, entertainment venues, bars, banquet halls, concert halls, concerts 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.
- * Phoenix terminal input interface, simple interface design is more convenient for different users.
- * Turn on the function of sequencer to turn on the amplifier.
- * The remote interface can use the central control system to turn on/off the amplifier.
- * Fault trigger output function: when the amplifier is normal, the output is open circuit. When the amplifier is faulty, the output is short-circuited.
- * Support stereo or bridge working mode for different occasions.
- * With over voltage protection, under voltage protection, over temperature protection, over current protection, DC protection, output short circuit protection, temperature control fan, etc.

Specification

Model	TS-8120S
Output power (20-20KHz/THD≤1%)	Stereo 8Ω × 4: 120W × 4; Stereo 4Ω × 4: 240W × 4; Bridge @8Ω×8: 500W×4
Interface	Phoenix terminal interface
Voltage gain (@1KHz)	32dB
Input sensitivity	0.775V
Input resistance	10KΩ unbalanced, 20KΩ balanced
Frequency response (@1W power)	20-20KHz/+1/-2dB
THD+N (@1/8 power)	≤0.05%
SNR (A-weighted)	≥92dB
Damping factor (@ 1KHz)	≥200@ 8 ohms
Resolution (@1KHz)	≥80dB
Protection method	Overcurrent protection, DC protection, short circuit protection
Indicator light	Power supply, protection, distortion
Cooling method	Fan cooling
Power supply	~ 220V/230V/ 50Hz
Maximum power consumption	2200W
Size (L xWxH)	483x410x88 mm
Weight	9.8Kg