



ST-2300T Class-D Digital Power Amplifier



This series amplifier adopts Class-D PCB module and high efficient SMPS power module. It is built with well selected quality components and parts.

Features:

1. Powerful output in small and compact shell space
2. Compact structure of Class D PCB, SMPS Power supply module
3. 1 unit rack size and light weight, easy to move and install
4. Class D Toplogy integrated with switch power supply design
5. High efficiency and Low electricity consumption
6. Nice cooling system. Wind flows from front to rear
7. Multiple protections against short circuit, over-load, overheat, direct current, RF, on/off switching, muting, and amplitude limit.
8. LED indicators show the system's operating status and the rear panel features balanced XLR inputs and SPEAKON outputs with a mode changeover switch to switch between different operating modes
9. Three working modes: stereo, bridged and parallel.
10. Can be fixed voltage and fixed resistance dual-use function.
11. Mainly used for conference, broadcasting, multi-function hall, cinema, music restaurant bar, background music, etc.



Specification

Model No.	ST-2300T
Channel number	2 channels
Circuit category	Class D
Height	1U(44mm)
Output power at 4Ω	500W*2
Output power at 8Ω	300W*2
Output power at 70V-100V	600W
Bridge output power at 8Ω	1000W
Distortion(1kHz,=10dB/4Ω)	< 0.2%
S/N Ratio(20Hz-20KHz,4Ω)	>112dBA
Cross Talk(1KHz,4Ω)	>35dB
Frequency response	10Hz to 20k Hz,+/-1dB
Input Impedance	Balanced 20K/Unbalanced 10K
Damping factor(10-400Hz,8Ω)	>300
Sensitivity	0dB
Protections	Protections against short circuit protection, direct current, overheat, radio-interference, on/off switching, muting and amplitude limit
Control Knobs	Power on/off switch in front panel, gain control in front panel,Mono and bridge selection on rear panel
Led lights	Clip/-10dB/Signal/Mono/Bridge/Status/Active/Protect indication light on front panel
Power delay	4 seconds
Input connector	XLR
Output connector	Speakon
Dimension(W*H*D)	483*44*350mm
Net Weight	4.95kg