



## ST-4300T/ST-6300T/ST-8300T 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. Mainly used for conference, broadcasting, multi-function hall, cinema, music restaurant bar, background music, etc.



### Specification

Model No.	ST-4300T	ST-6300T	ST-8300T
Channel number	4 channels	6 channels	8 channels
Circuit category	Class D	Class D	Class D
Height	1U(44mm)	2U(88mm)	2U(88mm)
Output power at 4Ω	500W*4	500W*6	500W*8
Output power at 8Ω	300W*4	300W*6	300W*8
Bridge output power at 8Ω	1000W*2	1000W*3	1000W*4
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	483*88*375mm	
Net Weight	6.30kg	11kg	12.45kg