



## SD-350E/SD-550E/SD-700E/SD-900E

### 4 Channel Class-D Digital Power Amplifier



This series is a milestone of Class D power amplifier, integrated design of power amplifier module and power module, advanced Class-D module, high-efficiency SMPS module, extremely high efficiency, reliability and power density, and the standard chassis space of 1U height can provide powerful power, can be applied to the sound reinforcement of streaming performances, outdoor activities, bars, KTV, concert halls, sports arenas and other places.

#### Features

1. Mainly used for conferences, multi-function halls, theaters, music restaurants, background music, etc.
2. With PFC, it can work stably in the full voltage (90V-265V) range.
3. Full circuit protection: soft start, DC, sub sound frequency, high frequency, overheating, short circuit, power on, power off mute.

#### Specification

Model	SD-350E	SD-550E	SD-700E	SD-900E
Channel number	4 channel	4 channel	4 channel	4 channel
8Ω stereo output	4X350W	4X500W	4X650W	4x800W
4Ω stereo output	4X580W	4X800W	4X1050W	4x1300W
8Ω bridge power	2*1160W	2*1600W	2*2100W	2*2600W
Voltage Gain	42.7/40.5/32			
Total Harmonic Distortion	≤0.035% (@ 8Ω, 1kHz, 1/8 rated power)			
Intermodulation Distortion IMD	≤0.15% (@ 8Ω, 1kHz, 1/8 rated power)			
SNR	>106dB A			
Crosstalk	>40dB			



Frequency Range	10Hz to 20k Hz, +/-1dB			
Input Resistance	Balanced 20K/ Unbalanced 10K			
Damping Coefficient	≥600			
Conversion Rate	≥20v/uS			
Input Sensitivity	0.775V,0dB			
Protection Functions	Amplitude limit, and protections againts short circuit, over-load, overheat, direct current, radio-interference, on/off switching and muting.			
Control Knobs	Power On/Off switch, VOLUME control in front panel, Stereo/Bridge/Mono switch in rear panel.			
LED indicators	CLIP/-10dB/SINGAL/MONO/BRIDGE/STATUS indicators in front panel			
Power Delay	4 seconds			
Input Interface	XLR input socket			
Output Interface	SPEAKON connector			
Dimension(W*H*D)mm	483*44*230			
Net Weight	5.0kg	5.5kg	5.9kg	6.5kg