

Professional  
Power Amplifier

# DSD800/1800/3200/4000

Professional Digital Power Amplifier



## Characteristic :

- Applies the classical PWM circuit design and new technology protection circuit.
- Applies excellent power-supply design, reliable circuit, high efficiency and low distortion.
- New modulation mode helps to taking sample of extremely small signal, to improve and perfect the method of sampling.
- High switch mode frequency, precise controlling of dead-time, makes the distortion of the amplifier much lower, the sound quality reaches and even passes the traditional transformer amplifier.
- It has high reliability and applicability, big dynamic range, small size, light weight, high efficiency, low distortion, big output power, etc.

## Technical Specifications

Model	DSD800	DSD1800	DSD3200	DSD4000
Channel	2	2	2	2
Output power(AC 230V /50Hz. All channels driven output power, THD=1%)				
8Ω Stereo	200W*2	450W*2	700W*2	1000W*2
4Ω Stereo	300W*2	700W*2	1300W*2	1700W*2
2Ω Stereo	400W*2	900W*2	1600W*2	2000W*2
Frequency response (@8)	20Hz~20KHz, +-0.3dB ~ +-0.3dB			
Slew rate	50V/us			
THD+N	<0.3%			
IMD-SMPTE	<0.3%			
S/N rate	>105dB			
Crosstalk	>75dB			
Damping factor	>800 (8Ω,20HZ~200HZ)			
Input power or voltage	1V			
Input impedance(bal/unbal)	20K/10K			
Voltage gain	32dB	36dB	40dB	41dB
Efficiency	>85%			
Cooling	air flow from front to rear			
Power Requirements	AC 220V~240V(50~60Hz)			
Height	1U			
Product dimensions(mm)	483*375*44mm			
Packing dimensions(mm)	530*530*90mm			
Net weight	5.6Kg	7Kg	8Kg	8Kg
Gross weight	7.2Kg	8.6Kg	9.6Kg	9.6Kg

