

Professional Power Amplifier

DSI3000/DSI6000

4 Channel Digital Network Power Amplifier



Characteristic :

- 1U Rack design with small dimension, application for mobile performance and fixed installation.
- Deploy the latest Class D Power Amplifier design technology, guarantee the completeness of sound quality and deliver the biggest output power.
- Overload protection, short-circuit protection, DC protection, temperature control protection.
- Applies excellent power-supply design, power efficiency more than 85%, less heat loss.
- High-performance DSP Digital signal processor.
- Each channel with Input/Output independent Equalizer.
- Maximum delay time 1S, used for time alignment.
- TCP/IP network monitoring and debugging.
- AES3 Digital Audio, Analog Signal Input.

Technical Specifications

Model	DSI3000	DSI6000
Channel	4	4
Output Power(All channels driven output power, THD=1%)		
8Ω Stereo	350W*4	1300W*4
4Ω Stereo	500W*4	2400W*4
2Ω Stereo	600W*4	2600W*4
Input/Output EQ	Input 6 band/Output 8 band parametric equalizer	
	Gain : -15~+15dB, step 0.1dB	
	Frequency : 19.7Hz~20.2KHz	
	Bandwidth : 0.011~3.595	
Frequency Division	Type : PEQ, High Pass, Low Pass (optional)	
	Gain : -15~+15dB, step 0.1dB	
	Frequency : 19.7Hz~20.2KHz	
	Slope : 12/24/36/48dB; Type : Butterworth, Bessel, Linkwitz-Riley	
Compressor	-3dB, -6dB, -12dB	
Delay	0~1S, step 21us	
Frequency Response (@8Ω)	20Hz~20KHz, ±0.3dB	
Slew Rate	50V/us	
THD+N	<0.3%	
SNR	>105dB	
Crosstalk	>75dB	
Damping Factor	>800 (8Ω, 20Hz~200Hz)	
Input Impedance	20KΩ (bal), 10KΩ (unbal)	
Power Efficiency	>85%	
Height	1U	
Product Dimensions(mm)	482×397×45mm	482×446×45mm
Packing Dimensions(mm)	530×545×90mm(W×D×H)	
Net Weight	8.0Kg	11.0Kg
Gross Weight	9.7Kg	12.7Kg

