

IDD4 / IDD8/ IDD18H / IDQ4 / IDQ8 / IDQ15H

2/4-Ch Network Power Amplifier



Characteristics:

- Built-in Analog digital signal processor, 1U Lightweight with strong power output;
- Audio signals can be processed accurately by Route, Gain, Phase, Mute, PEQ, Delay, Crossover, Compressor and Limiter;
- FIR filter, a variety of ports USB, RS485, Ethernet (network debugging);
- Adopt advanced Class D power amplifier module, the efficiency is above 92%,with extremely high efficiency and reliability;
- The power supply adopts an efficient and stable R-SMPS power supply system,and integrates an active power factor correction circuit (PFC), which can adjust the current waveform according to the AC voltage waveform and adapt to a wide range of voltages (90-264V) operation, while enabling a single standard circuit breaker to carry more power;
- Unique peak clipping limiter and ripple elimination network;
- The perfect protection system can effectively reduce the damage caused by improper use and further improve the reliability of the device.

Specifications:

Model	IDD4	IDD8	IDD18H	IDQ4	IDQ8	IDQ15H	
Channel	2	2	2	4	4	4	
Output Power	8Ω Stereo	2 x 350W	2 x 800W	2 x 1800W	4 x 350W	4 x 800W	4 x 1500W
	4Ω Stereo	2 x 580W	2 x 1300W	2 x 3000W	4 x 550W	4 x 1300W	4 x 2300W
	2Ω Stereo	2 x 800W	2 x 1750W	2 x 3600W			
	8Ω Bridge	1 x 1160W	1 x 2600W	1 x 5600W	2 x 1160W	2 x 2600W	2 x 4600W
	4Ω Bridge	1 x 1600W	1 x 3500W	1 x 7200W			
DSP Processing	96KHz Sampling rate, 32/40-bit floating Processing, 24-bit A/D and D/A conversion						
Input Impedance	Bal /unbal :20KΩ/10KΩ						
Max input level	+17dBu (5.5V)						
Frequency response	20Hz-20KHz, ±0.5dB						
Routing	Each output channel can select a different input channel or any combination of input channels						
Gain	Adjustable range: +15Db, -40dB, Step: 0.1dB						
Delay	Separately control for each input and output channel, adjustment range is 0-2000ms						
EQ	31-band PEQ, EQ type: PEQ/Low-shelf/Hi-shelf						