

# DSP Amplifiers

IDK Series - High-power touring grade Dante enabled amplifiers



## Applications

- Touring Sound
- Premium Installations

## Features

- Direct 10/70v Drive.
- Responsive 5.5" Touch Screen.
- On-Board FIR phase DSP with 512 taps.
- 96 kHz / 24 bit DSP and high performance 24bit AD/DA Converters.
- Up to 48dB/Oct IIR HP/LP crossover filters
- Compact 2RU design

## Products in the Series

- IDK 4.25K
- IDK 4.10K
- IDK 2.20K

The ID Series amplifiers are intelligent Class D power amplifiers delivering high power loads (up to 2500W per ch @ 4 Ohms) Designed to meet the most demanding portable and fixed installation sound systems, they provide a full set of value added features such as high output power, efficient cooling system, on board FIR Filtering DSP and USB/Ethernet for software control

British Acoustics

Creative Park, Langley Park,

Durham DH7 9TT, UK.

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T: +44 191 373 7638

E: [info@britishacoustics.com](mailto:info@britishacoustics.com)

[www.britishacoustics.com](http://www.britishacoustics.com)

# IDK 4.25K

4 x 2500W Intelligent FIR - DSP Amplifier

## Technical Specifications

Rated Power / Channel (8 Ω)	1250W
Rated Power / Channel (4 Ω)	2500W
Bridged Power (8 Ω)	2500W
Bridge Mode (4 Ω)	5000W
Dampning Factor	> 400 at 8ohms
Signal to Noise Ratio (1 kHz, 8 Ohms)	> 100 dB
THD	< 0.02% THD / 4ohms and 8 ohms
Controls	Capacitive LCD Touchscreen
No. of Channels	4

## General Specifications

Enclosure	Ultra-Light Weight Steel Chasis
LED Screen	4.5" Capacitive Touch Screen Display
Finish	Glossy Phantom Black Metallic Finish
Mounting System	19" Standard Rack Mount Ears
Height	3.5" (2 RU)
Width	19"
Depth	12"
Weight	13 Kgs



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