



I-Tech HD Series



Features

Innovation

- BSS OMNIDRIVEHD™ DSP processing with IIR filters and linear phase FIR filters
 - Industry's first color touch screen
LCD provides users with diagnostics and presets to ensure easy setup
 - Covered by five patents
 - Fan has true tachometer feedback for fan fault protection and precise control over thermal performance, so the amp runs longer and harder than the competition
 - Includes SLM (Sweep Load Monitoring) with system-level diagnostics

Performance

- Ultra smooth processing by onboard high-definition BSS OMNIDRIVEHD DSP with 24-bit, 192kHz Cirrus Logic SHARC A/D and D/A converters
 - LevelMAX™ peak voltage and RMS power limiters communicate with each other, resulting in smooth and accurate response, better sound

- True Ethernet backbone—fast, reliable and scalable
 - High common-mode rejection eliminates hum and RFI on input cables
 - 6th-generation patented Class-I (BCA[®]) circuitry couples power efficiently to the load and provides low AC current draw

Versatility

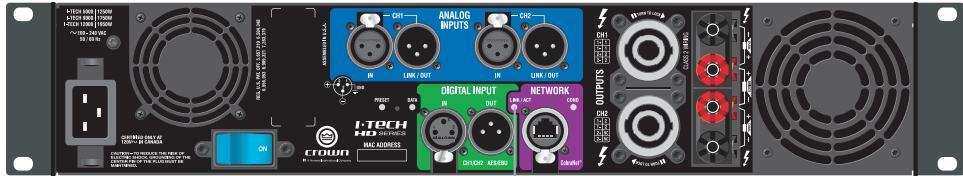
- Global Power Supply; universal AC input accepts 100-240VAC, 50/60Hz ($\pm 15\%$)
 - Front-panel USB connector transfers presets to/from a USB drive to the amp's DSP
 - New software interface based on customer feedback manages presets, provides easier system-level changes, and includes a configuration wizard
 - The only product available with analog, AES/EBU, CobraNet®, HiQnet™ and Ethernet connectivity
 - User-definable front panel security feature

- The only tour sound amplifier that provides inputs routable to any output (analog, AES, or CobraNet)

Power

- Professional-grade connectors for all inputs and outputs
 - Full power-supply voltage is always available, allowing instantaneous power on demand
 - Quality-graded components let you safely drive the amplifier harder
 - More total capacitance provides tremendous energy reserves for power bursts
 - 200VRms peak output voltage provides clean transient peaks

I-Tech HD Series



I-Tech 5000HD, 9000HD, 12000HD

Power Matrix

Model	Channels	2Ω Dual	2.7Ω Dual	4Ω Dual	8Ω Dual	4Ω Bridged	8Ω Bridged
5000	2	2000W	2800W	2500W	1250W	4000W	5000W
9000	2	2800W	4200W	3500W	1500W	5600W	7000W
12000	2	3750W	5400W	4500W	2100W	7500W	9000W

*20Hz - 20kHz power refers to guaranteed minimum power in watts with 0.1% THD
20Hz - 20Hz bench power (2 seconds, all channels driven)

Performance Specifications

	I-Tech 5000HD	I-Tech 9000HD	I-Tech 12000HD
Sensitivity (at 8Ω rated output, adjustable in 0.1Vrms steps)	1.28Vrms to 8Vrms	1.28Vrms to 8Vrms	1.28Vrms to 8Vrms
Signal to Noise Ratio (below rated full-bandwidth power, A-Weighted)	>112dB	>112dB	>112dB
Total Harmonic Distortion (THD)	>0.1%	>0.1%	>0.1%
Intermodulation Distortion (60Hz and 7kHz at 4:1) from full rated output to -30dB	<0.2%	<0.2%	<0.2%
Frequency Response (at 1W, 20Hz - 20kHz)	±0.25dB	±0.25dB	±0.25dB
Crosstalk (below rated power 20Hz - 20kHz)	>80dB	>80dB	>80dB
Common Mode Rejection (20Hz to 1kHz)	>70dB typical	>70dB typical	>70dB typical

Physical Specifications

Width	19 in. (48.3 cm)	19 in. (48.3 cm)	19 in. (48.3 cm)
Height	3.5 in. (8.9 cm)	3.5 in. (8.9 cm)	3.5 in. (8.9 cm)
Depth	16.2 in. (41.1 cm)	16.2 in. (41.1 cm)	16.2 in. (41.1 cm)
Net Weight	28 lbs (12.7 kg)	28 lbs (12.7 kg)	28 lbs (12.7 kg)
Shipping Weight	36 lbs (16.3 kg)	36 lbs (16.3 kg)	36 lbs (16.3 kg)