

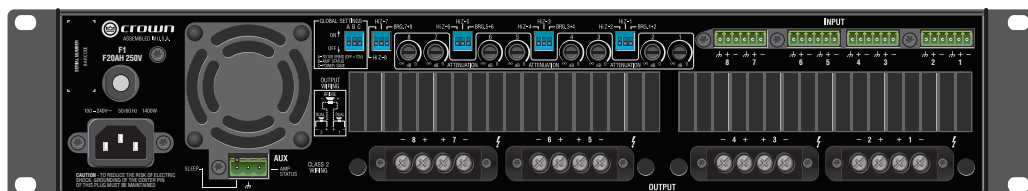


Features

- The DriveCore install series represent the latest in amplifier technology. Based on proprietary and patented Harman DriveCore™ technology, these amplifiers are the next generation of PWM technology using cutting edge Class D amplifier topologies.
- True Rack Density – Power points of 300W or 600W in 2/4/8 channel configurations. All in a 2 Rack Unit form factor provides flexibility in design tools.
- Minimum Guaranteed Power Ratings – DCi Amplifiers are guaranteed to deliver at least the rated power in the specifications over a longer period of time than any other competing amplifier.
- Direct drive "Constant Voltage" capabilities for 70Vrms or 100Vrms amplification without the use of a step up frequency limiting transformer for higher audio quality.
- Constant Voltage 70Vrms or 100Vrms output is available on a channel by channel basis. Bridging amplifier channels is not required
- Options provide for our most "Green" amplifier. Powersave includes an auto-standby mode where after 30 minutes of no audio input, the amplifier will power down and will consume less than 1W. This feature can be enabled and disabled via the back panel DIP switches.
- Global Power Supply designed to deliver maximum power no matter where the amplifier is located. Universal AC input accepts 100 – 240VAC, 50/60Hz ($\pm 15\%$).
- AUX Port provides additional flexibility for amplifiers to be integrated in control systems for remote on/off and amplifier fault monitoring.
- DriveCore includes 5 patents that are also included in Crown's flagship touring amplifier I-Tech HD4.
- Unprecedented Three-Year, No-Fault, Fully Transferable Warranty. Crown amplifiers are warranted to meet or exceed original specifications for the first three years of ownership.

DCi Analog

The new DriveCore install series amplifiers is a complete line of high performance installation amplifiers based on the proprietary DriveCore technology. DCi Series amplifiers are designed, engineered and manufactured to the industry's highest quality standards, and provide system integrators with the advanced features and flexibility required for challenging 21st century installed sound applications. Versatile, compact and highly energy-efficient, DCi Series amplifiers continue the unbroken Crown tradition of leadership in professional and commercial power amplifier technology.



8 channel model shown

Performance Specifications

Input Impedance (balanced, unbalanced): 20kOhms, 10kOhms

S/N ratio below rated full bandwidth power, A-weighted: >108dB

Total Harmonic Distortion: < 0.35%

Noise – FFT: All tones <-80dB (20Hz to 20 kHz).

Voltage Gain: 31dB – 300W models; 34 dB – 600W models

Input Sensitivity: 1.4V for 4/8Ω and 70V; 2.0V for 100V

Maximum Input Level before Compression: +20dBu.

Maximum Input Level before Clip: +26dBu.

Frequency Response: (1W into 8Ω, 20Hz–20kHz): ± 0.25 dB

Phase Response: (at 1W 10 – 20 kHz): $\pm 35^\circ$

Crosstalk: > 80dB (below rated power 20Hz– 1kHz)

DC output offset (with inputs shorted): ± 10 mV

Common Mode Rejection: >55dB, >70dB Typical

Damping Factor: ≥ 500 , 20 Hz

Physical Specifications

Input connectors: Balanced 3-pin block connectors, one per channel

Output connectors: 2 Pin terminal strip. Accepts up to 10 AWG fork terminals or bare wire.

AUX connector: 3-pin block connector

Attenuation Control: 21 detent potentiometer for levels from ∞ to 0 dB

Cooling: Variable Fans, airflow from front to back

Dimensions: 3.5" x 19" x 14.25" (8.75cm x 47.5cm x 35.63cm)

DCi 8|600: 3.5" x 19" x 17" (8.75cm x 47.5cm x 42.5cm)

Weight: <30 lbs

Power Specifications

Operating Voltage: 100V – 240V $\pm 15\%$

Mains Connector: 15 Amp IEC connector

Power Draw at Sleep: Less than 1W

Power Matrix

DCi Model	Channels	2 Ohms	4 Ohms	8 Ohms	70V Vrms	100V Vrms
2 300	2	150W	300W	300W	300W	300W
2 600	2	300W	600W	600W	600W	600W
4 300	4	150W	300W	300W	300W	300W
4 600	4	300W	600W	600W	600W	600W
8 300	8	150W	300W	300W	300W	300W
8 600	8	300W	600W	600W	600W	600W

Crown offers a Three-Year, No-Fault, Fully Transferable Warranty for every new Crown amplifier—an unsurpassed industry standard. With this unprecedented No-Fault protection, your new Crown amplifier is warranted to meet or exceed original specifications for the first three years of ownership. During this time, if your amplifier fails, or does not perform to original specifications, it will be repaired or replaced at our expense. About the only things not covered by this warranty are those losses normally covered by insurance and those caused by intentional abuse. And the coverage is transferable, should you sell your amplifier. See your authorized Crown dealer for full warranty disclosure and details. For customers outside of the USA, please contact your authorized Crown distributors for warranty information or call 574-294-8200. © 2012 Crown Audio®, Inc.