



## Features

**DriveCore™ Technology** – Crown’s proprietary DriveCore technology eliminates hundreds of components within each amplifier, reducing the variability of component values, increasing reliability, resulting in incredible audio fidelity from an efficient design.

**Network Control and Monitoring** – Through HARMAN’s HiQnet Audio Architect software, the CDi DriveCore can be controlled, configured, and monitored through standard TCP/IP network.

**DSP** – On-board Digital Signal Processor in each amplifier allows for custom configuration and includes these integrated features:

- Input Router
- Input Delay – Up to 1000ms
- Input Parametric EQ – 8 band
- Crossover
- Output Parametric EQ – 8 band
- Output Delay – Up to 100ms
- LevelMAX™ Limiter

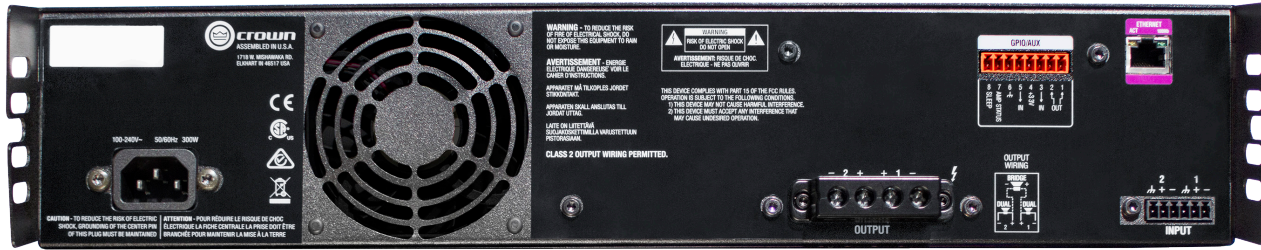
**BLU link** (BL models only) – Both receive and send channels over HARMAN’s 256 channel, fault-tolerant audio BUS, BLU link

**Direct Drive 70/100Vrms Output** – Each output channel is capable of providing either 70V or 100V for high impedance applications.

**Front-Panel Interface** – Completely configure the amplifier using an intuitive front-panel interface.

**GPIO/AUX Port** – Recall presets, mute channels, monitor faults, power on/off the amplifier, and more through a combined GPIO/AUX Port.

# CDi DriveCore™ Series



CDi DriveCore 2-300 model shown



CDi DriveCore 4-300BL model shown

## Power Matrix

### Dual-Mode – All Channels Driven

Model	Channels	2Ω	4Ω	8Ω	16Ω	70Vrms	100Vrms
CDi DriveCore 2 300	2	150W	300W	300W	150W	300W	300W
CDi DriveCore 2 300BL	2	150W	300W	300W	150W	300W	300W
CDi DriveCore 4 300	4	150W	300W	300W	150W	300W	300W
CDi DriveCore 4 300BL	4	150W	300W	300W	150W	300W	300W
CDi DriveCore 2 600	2	300W	600W	600W	300W	600W	600W
CDi DriveCore 2 600BL	2	300W	600W	600W	300W	600W	600W

Note: Minimum Guaranteed Power (1kHz, 120 – 240Vrms –50/60Hz)

### Bridge Mono Mode – All Channels Driven

Model	Channels	4Ω	8Ω	16Ω	140Vrms	200Vrms
CDi DriveCore 2 300	2	300W	600W	600W	600W	600W
CDi DriveCore 2 300BL	2	300W	600W	600W	600W	600W
CDi DriveCore 4 300	4	300W	600W	600W	600W	600W
CDi DriveCore 4 300BL	4	300W	600W	600W	600W	600W
CDi DriveCore 2 600	2	600W	1200W	1200W	1200W	1200W
CDi DriveCore 2 600BL	2	600W	1200W	1200W	1200W	1200W

Note: Minimum Guaranteed Power (1kHz, 120 – 240Vrms –50/60Hz)

# CDi DriveCore™ Series

## Performance Specifications

Specification Description	CDi DriveCore 2   300 / CDi DriveCore 2   300BL	CDi DriveCore 4   300 / CDi DriveCore 4   300BL	CDi DriveCore 2   600 / CDi DriveCore 2   600BL
Digital Signal Processing	96kHz, 32-bit floating point		
Voltage Gain (at maximum level setting) 4/8Ω, 70Vrms and 100Vrms Operation	34dB		
Frequency Response (8Ω, 20Hz - 20kHz)	+/-0.5dB		
BLU link Signal-to-Noise Ratio (ref. rated power, 100V, 20Hz - 20kHz)	>108dB		
Total Harmonic Distortion (at full rated power, from 20Hz - 20kHz)	0.35%		
Analog Input Signal to Noise Ratio (ref. rated power, 100V, 20Hz - 20kHz)	>104dB		
Intermodulation Distortion (60Hz and 7kHz at 4:1, from -30dB to full rated power)	≤0.35%		
Damping Factor (20Hz to 100Hz)	>1000		
Crosstalk (below rated power, 20Hz to 1kHz)	>80dB		
Common Mode Rejection (20Hz to 1kHz, typical)	>70dB		
DC Output Offset (with inputs shorted)	±10mV		
Input Impedance (Nominally balanced, nominally unbalanced)	20 kΩ balanced, 10 kΩ unbalanced		
Maximum Input Level (Low Amp Gain Mode)	+20dBu		
Required AC Mains (±10%)	100V – 240V~ 50/60Hz		
Cooling	Continuously variable speed forced air, front-to- back airflow		
Power Supply Connector	Standard IEC type 320 inlet for detachable connector 100 – 240 V~		
Load Impedance Stereo/Dual Mode	2Ω - 16Ω; 70Vrms and 100Vrms		
Load Impedance Bridge Mono	4Ω - 16Ω; 140Vrms and 200Vrms		
Maximum Fan Noise (re dB SPL @ 1M)	51dBA		

## Physical Specifications

Width	19 in (48.3 cm)		
Depth	13.5 in (34.4 cm)		
Height	3.5 in (8.9 cm)		
Weight	14.56 lbs (6.6 kg)	16.13 lbs (7.31 kg)	14.56 lbs (6.6 kg)

Specifications subject to change without prior notice. Latest information available at [www.crownaudio.com](http://www.crownaudio.com). 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. In most cases, the only things not covered by this warranty are those losses normally covered by insurance and those caused by intentional abuse. Plus, 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. © 2017 Crown Audio®, Inc.