DRIVECORE™ INSTALL

INSTALLS ANYWHERE.
OUTPERFORMS EVERYTHING.

CTs 4200 | 4X250W

AUDIO INNOVATION BEYOND COMPARE.

Multiple patents – more than any of our competitors combined. Historical audio achievements. Innovative technical advances.

Crown's world-renowned reputation for excellence – built by 65 years of uninterrupted achievements in sound – continues with the introduction of the next generation of installed sound amplifiers featuring **DriveCore™ Technology**.

The culmination of nearly two decades of R&D in PWM and switch-mode amplification, DriveCore seamlessly integrates the amplifier drive stage into the power output stage and fuses everything into one very, tiny but extremely powerful chip.

This single, revolutionary chip allows us to replace 500 parts per channel pair, greatly reducing design complexity compared to that of traditional amplifiers while creating more efficiencies, long-term reliability and unsurpassed performance.

DCi 4|600 | 4X600W

A DCi 4|600 **delivers more than twice the power** while **using just half the space** of a CTs 4200 – **with almost half the current draw** – and drives 100Vrms lines at 600W.

A REVOLUTION IN INNOVATION.

As the undisputed leader in sound amplification, Crown builds on its legacy of innovation and insight with the industry's first 100V direct drive amp: the **DriveCore™ Install Amplifier Series (DCi)**.

The ideal choice for everything from meeting rooms to massive stadiums, the highly efficient DCi Series saves you time because it configures quickly and is simple to use. Plus, its lighter, **space-saving design** makes it easy to install wherever you want.

Designed, engineered and manufactured to the industry's highest quality standards for analog or network installations, the DCi Series provides system integrators with **effortless, unmatched performance** time after time.

A SOUND DIFFERENCE YOU CAN SEE.

Actual Size

Designed for **minimum size** and **maximum power**, DriveCore offers greater accuracy, reduced weight, and best-in-class signal-to-noise performance.

The front-end drive circuits leverage the **inherent efficiency** of Class D output stages while also maintaining **superb sonic characteristics**.

DriveCore means the patented feedback and PWM circuits provide fast recovery on peak transients, accurate reproduction of low-level detail and precise tracking of low frequencies at all power levels. Plus, fewer parts results in **increased reliability** – and the legendary performance you expect from Crown.

With extremely wide tolerance for AC line conditions, whether you're on a normal power grid or fluctuating back-up generator power for Life-Safety systems, DriveCore amps deliver sound that's never compromised.

A proprietary hybrid analog-digital integrated circuit that's bolstered by multiple patents, DriveCore leads a new era of sustainable excellence. It also represents another historic milestone in our ongoing commitment to delivering audio products demanded by professionals – and that please audiences worldwide.

GreenEdge by HARMAN

GREENEDGE™ TECHNOLOGY **The DCi Series is a direct result of this HARMAN initiative designed to increase performance and acoustic qualities while dramatically reducing energy consumption. With the DriveCore chip replacing over 500 parts, it requires far fewer materials while easily delivering more than 90% efficiency. The Powersave feature provides additional energy savings with an Auto-Standby mode that powers down the amp to consume less than 1W. Plus, using recycled cardboard boxes to ship DCi units further reduces our carbon footprint.**

Analog Back Panel

Network Back Panel

NETWORKING MADE EASY Since the introduction of the first IQ system in 1992, Crown has deployed more networked audio systems than all other amplifier manufacturers combined. This pedigree continues today with the DCi Series amplifier. Adhering to exact TCP/IP Ethernet standards and equipped with HiQnet™ technology, the DCi Series amplifier can live on a standard network without the hassle of proprietary switches or hardware. And by following standard protocol, large systems of 400+ amplifiers can be quickly deployed on a single network backbone without any special considerations.

DCi NETWORK DISPLAY SERIES

AVB Certified - The DCi Network Display Series is AVB Certified by the AVnu Alliance®.

AUDIO NETWORKING AS EASY AS A, B, C, D. - DCi Network Amplifiers are the most flexible amplifiers yet. Effortlessly pair up any DCi Network amplifier with one of BSS Audio's Soundweb London™ processors for a system solution that can process any type of audio networking transport.

A - Process AVB audio signals through the Soundweb London BLU-805 or BLU-325 via BLU-Link into any DCi Network amplifier.

B - BLU-Link capabilities make DriveCore Install Network amplifiers and Soundweb London Processors the end-all system solution for everyone.

C - Process CobraNet audio signals through the Soundweb London BLU-800 or BLU-320 via BLU-Link into any DCi Network amplifier.

D - Process Dante audio signals through the Soundweb London BLU-806, BLU-326, or BLU-DAN via BLU link into any DCi Network amplifier.

4|2400 Network Back Panel

Network Display Back Panel

DSP

DIGITAL SIGNAL PROCESSING **Crown's legendary DSP, combined with DCi's true rack density design, provides the flexibility and design tools for wide-ranging jobs while outperforming many of the world's stand-alone loudspeaker processors. With LevelMAX™, input and output EQ, delay, pilot tone monitoring and tone generators, the DSP-enabled DCi amplifiers are packed with features that can be used worldwide. Combining DSP with network monitoring and control gives consultants, engineers and end users enormous flexibility.**

DCi NETWORK SERIES

TRUE RACK DENSITY – Power points of 300W or 600W in 2-/4-/8-channel configurations, or 1250W/2400W in 2-/4-channel configurations – all in a 2 Rack Unit form factor.

ANALOG & DIGITAL INPUTS – With digital audio transport via HARMAN's proprietary BLU link, plus balanced analog inputs, DCi gives you a tremendous audio advantage – at a much lower cost. The priority input router allows you to specify a primary input, and if audio is lost the amp automatically switches to the other input.

NETWORK MONITORING & CONTROL – Better monitoring, control and audio manipulation with the HiQnet™ protocol over standard TCP/IP. Remotely see how all networked DCi amplifiers are performing and control them as needed. In addition, this allows Audio Architect software and the Powered by Crown app to work with DCi amplifiers.

PROGRAMMABLE GENERAL PURPOSE INPUT/OUTPUT PORTS – GPIO ports can be configured in many different ways, such as volume controls, recall presets, or to report errors to a 3rd-party system.

DIGITAL SIGNAL PROCESSING – DSP capabilities include the following:

- LevelMAX™ Limiters
- Input/Output EQ
- Delay
- Matrix Mixer
- Speaker Line Monitoring
- FIR Crossover

AUDIO NETWORKING AS EASY AS A, B, C, D. - DCi Network Amplifiers are the most flexible amplifiers yet. Effortlessly pair up any DCi Network amplifier with one of BSS Audio's Soundweb London™ processors for a system solution that can process any type of audio networking transport.

A - Process AVB audio signals through the Soundweb London BLU-805 or BLU-325 via BLU-Link into any DCi Network amplifier.

B - BLU-Link capabilities make DriveCore Install Network amplifiers and Soundweb London Processors the end-all system solution for everyone.

C - Process CobraNet audio signals through the Soundweb London BLU-800 or BLU-320 via BLU-Link into any DCi Network amplifier.

D - Process Dante audio signals through the Soundweb London BLU-806, BLU-326, or BLU-DAN via BLU link into any DCi Network amplifier.

DCi ANALOG SERIES

TRUE RACK DENSITY – Power points of 600W in a 8-channel configuration or 1250W in a 4-channel configuration - all in a 2 Rack Unit form factor. More channels in one box allow smaller infrastructure rooms that can reduce operational costs while giving you the utmost in installation flexibility.

DIRECT DRIVE CONSTANT VOLTAGE – Save money by using smaller gauge wiring to drive the speakers using either 70Vrms or 100Vrms. With no need for a step-up transformer at the output, the DCi produces higher audio quality much more efficiently.

CHANNEL INDEPENDENT HI-Z/LOW-Z SELECTION – Drive either one or two speakers in low-Z mode, or literally hundreds of speakers in high-Z mode (70Vrms or 100Vrms). This means better design flexibility since DCi powers all loads on a channel-by-channel basis.

BRIDGEABLE CHANNEL PAIRS – Unlike amps from other manufacturers, the DCi Series channels are bridgeable – even in 100Vrms mode – which means even more adaptability for higher power applications such as subwoofers.

REMOTE ON/OFF INTERFACE – Save power by integrating the amplifier into a control system so you can easily turn it on and off.

EFFICIENT COOLING DESIGN – Highly efficient internal cooling fans provide airflow to the most heat-generating parts. Incorporating the fans into the amplifier brick design maximizes cooling while minimizing wasted energy and noise.

ADVANCED POWER FACTOR CORRECTION (PFC) UNIVERSAL POWER SUPPLY – The most advanced power supply in an installation amplifier delivers power more efficiently in almost any condition than anyone else, resulting in less power dissipated and less heat in your racks.

POWERED BY CROWN Crown's "Powered by Crown" app allows wireless control and monitoring of your DCi Network Series Amp or any Ethernet-enabled devices from Crown. Using the same protocols as HiQnet System Architect™, you can import custom control panels, set limits, or make adjustments anywhere in the venue using only your iPhone or iPad.

Available on the App Store

POWER SPECIFICATIONS

Model	Channels	2Ω	4Ω	8Ω	70Vrms	100Vrms
DCi 2|300 or 2|300N	2	150W	300W	300W	300W	300W
DCi 4|300 or 4|300N	4	150W	300W	300W	300W	300W
DCi 8|300 or 8|300N	8	150W	300W	300W	300W	300W
DCi 2|600 or 2|600N	2	300W	600W	600W	600W	600W
DCi 4|600 or 4|600N	4	300W	600W	600W	600W	600W
DCi 8|600, 8|600N, or 8|600ND	8	300W	600W	600W	600W	600W
DCi 2|1250 or 2|1250N	2	1250W	1250W	1250W	1250W	1250W
DCi 4|1250, 4|1250N, or 4|1250ND	4	1250W	1250W	1250W	1250W	1250W
DCi 2|2400N	2	2100W	2400W	1900W	2100W	2300W
DCi 4|2400N	4	2100W	2400W	1900W	2100W	2300W

PERFORMANCE SPECIFICATIONS

- Frequency Response: (1W into 8ff, 20Hz – 20kHz): 30.25dB
- Signal to Noise Ratio (A-weighted): >108dB
- THD: <0.35%
- Maximum Input Level before Compression: +20dBu
- Maximum Input Level before Clip: +26dBu
- Voltage Gain: 34dB

PHYSICAL SPECIFICATIONS

- Input connectors: Balanced 3-pin block connectors, one per channel
- Output connectors: 2 Pin terminal strip. Accepts up to 10AWG terminal forks and bare wire
- AUX connector: 3-pin block connector
- Attenuation Control: 21 detent potentiometer for levels from ∞ to 0dB
- Dimensions: 3.5" x 19" x 14.25" (8.75 cm x 47.5 cm x 35.63 cm) - 3.5" x 19" x 19" (8.9 cm x 48.3 cm x 48.3 cm)
- Weight: 18.8 lbs (8.53 kgs) - 30 lbs (13.6 kgs)
- Cooling: Continuously variable speed fan, front-to-back airflow

NETWORK DCi AMPLIFIERS INCLUDE THE PHYSICAL SPECIFICATIONS LISTED ABOVE, PLUS:

- BLU link Input: (2) RJ-45 Connectors
- Network Monitoring and Control: (1) RJ-45 Connector
- General Purpose Input/Output Control: (1) RJ-11 for 2 Ins and 2 Outs

ELECTRICAL SPECIFICATIONS

- Required AC Mains (310%): 100VAC – 240VAC 50/60Hz
- Power Draw in Sleep: Less than 1W
- Power Connector: IEC 15A, 20A, & 30A

INDUSTRY-LEADING WARRANTY

Crown offers a three-year, no-fault, fully transferable warranty on every new DCi Series amplifier we make – an unsurpassed industry standard. With this industry-leading no-fault protection, your DCi Series amplifier is warranted to meet or exceed original specifications for the first three years of ownership. If it doesn't, it will be repaired or replaced at our expense. (Outside of the US, please contact the Crown authorized distributor in your country for more details).

LEARN MORE ABOUT DCi AT
www.crownaudio.com.

DRIVECORE™ LevelMAX™ GreenEdge by HARMAN HiQnet™

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