



Features

- The latest technology based on Crown's proprietary and patented 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 and 1250W in 2/4 channel configurations; includes bridgable outputs of 300-2500W, all in a 2U form factor, providing flexibility in designs
- 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 on a channel by channel basis for 70Vrms or 100Vrms amplification without the use of a step up frequency limiting transformer for higher audio quality
- HiQnet Audio Architect™ supported amplifier
- Advanced PFC universal power supply provides market-leading efficiency, and is designed to deliver maximum power no matter where the amplifier is located; Universal AC input accepts 100 – 240VAC, 50/60Hz ($\pm 10\%$)
- DriveCore includes five patents that are also included in Crown's flagship touring amplifier I-Tech HD4, providing best-in-class versatility and durability
- TCP/IP based protocol in HiQnet™ for network monitoring and control
- Revolutionary cooling system focuses airflow on parts that need it most, maximizing efficiency while minimizing heat and noise
- BLU link compatibility – low latency, fault tolerant, digital audio bus, capable of routing 256 channels using standard Category 5e cabling (over a distance of 100m between devices), provides an unprecedented level of routing flexibility

Network Monitoring and Control features include:

- Continuous Load Monitoring
- Comprehensive Error Reporting
- Pilot Tone Monitoring
- Programmable General Purpose Input/Output (GPIO) Ports

Digital Signal Processing (DSP) features include:

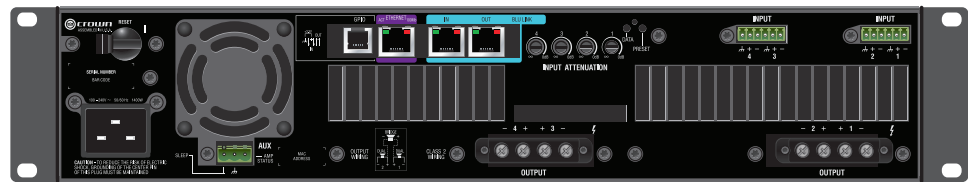
- LevelMAX™ Limiters for Inputs and Outputs with Thermal Limiting
- Input Compressor
- Input and Output Delay
- Input and Output EQ
- Signal Generator
- Crossover

INSTALLS ANYWHERE. OUTPERFORMS EVERYTHING.

DriveCore™ Install Network Series



8|600N model shown



4|1250N model shown



4|2400N model shown

Power Matrix

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

Performance Specifications

| | | | | | | | | | | |
|--|---|---------|---------|---------|---------|---------|---------|---------|---------|----------------------------|
| Frequency Response (8Ω, 20Hz - 20kHz) | ±0.25dB | | | | | | | | | |
| BLU link Input Signal to Noise Ratio (A-Weighted) | >108dB | | | | | | | | | |
| Total Harmonic Distortion (at full rated power, 20Hz - 20kHz) | 0.35% | | | | | | | | | |
| Voltage Gain (at Maximum Level Setting) | 34dB | | | | | | | | | |
| Damping Factor (20Hz to 100Hz) | >1000 | >1000 | >1000 | >1000 | >1000 | >1000 | >1500 | >1500 | >5000 | >5000 |
| Input Impedance (nominal balanced, unbalanced) | 10kΩ, 5kΩ | | | | | | | | | |
| Maximum Input Level before Compression (Low Gain Mode) | +20dBu | | | | | | | | | |
| Load Impedance Stereo/Dual Mode | 2Ω - 16Ω; 70Vrms and 100Vrms | | | | | | | | | |
| Load Impedance Bridge Mono | 4Ω - 16Ω; 140Vrms and 200Vrms | | | | | | | | | |
| Cooling | Continuously variable speed forced air, front to back airflow | | | | | | | | | |
| Maximum Fan Noise (re dBA SPL @ 1M) | 45 | 45 | 47 | 45 | 45 | 47 | 45 | 47 | - | - |
| Required AC Mains (±10%) | 100Vrms - 240Vrms ~50/60Hz | | | | | | | | | |
| Power Connector | 15A IEC | 15A IEC | 15A IEC | 15A IEC | 15A IEC | 20A IEC | 15A IEC | 20A IEC | 20A IEC | 32A PowerCON L6-30 Plug |

Physical Specifications

| | | | | | | | | | | |
|--------|--|--|--|--|--|--|--|--|--|--|
| Width | 19 in. (48.3 cm) | | | | | | | | | |
| Height | 3.5 in. (8.9 cm) | | | | | | | | | |
| Depth | 14.25 in. (35.63 cm) DCi 8 600N & 4 1250N: 17 in. (42.5 cm) DCi 2 2400N & 4 2400N: 19 in. (48.3 cm) | | | | | | | | | |
| Weight | DCi 2 300N & 2 600N: 18.8lbs (8.53kg); DCi 4 300N & 4 600N: 20.1lbs (9.12kg); DCi 8 300N & 2 1250N: 23.5lbs (10.66kg); DCi 8 600N & 4 1250N: 30lbs (13.60kg); DCi 2 2400N : 24lbs (10.9kg) 4 2400N: 29lbs (13.15kg) | | | | | | | | | |

Specifications subject to change without prior notice. Latest information available at 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. © 2015 Crown Audio®, Inc.