



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 (±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:

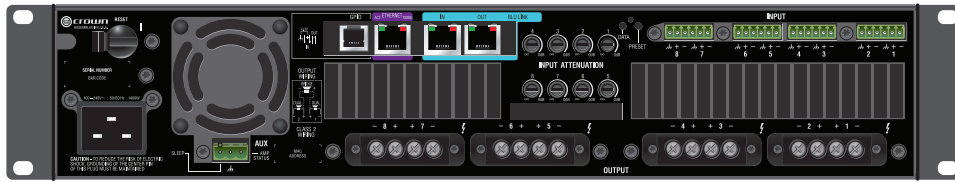
- Continuous Load Monitoring
- Comprehensive Error Reporting
- Pilot Tone Monitoring
- Programmable General Purpose Input/Output (GPIO) Ports

Digital Signal Processing (DSP) features include:

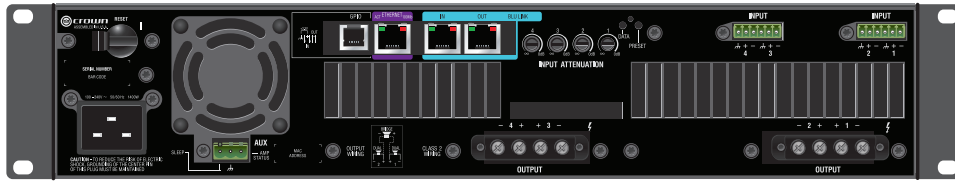
- LevelMAX™ Limiters for Inputs and Outputs with Thermal Limiting
- Input Compressor
- Input and Output Delay
- Input and Output EQ
- Signal Generator
- Crossover

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	2 300N	4 300N	8 300N	2 600N	4 600N	8 600N	2 1250N	4 1250N	2 2400N	4 2400N
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)									