ComTech DriveCore™ Series



Features

Powering this remarkable amplifier is the pioneering technology of DriveCore, which integrates the amplifier drive stage into the power output stage fusing everything into a chip the size of a dime. DriveCore's front-end drive circuits leverage the inherent efficiency of Class D output stages while also maintaining superb sonic characteristics. The end result is an audio amplifier circuit that exhibits the exemplary audio quality of a highly evolved Class AB design.

- Flexible input routing
- Convection cooled
- Universal power supply
- Integrated Life-Safety Features
- Up to 8 x 125W in 1U chassis with no fan
- Patented feedback and protection circuits
- DriveCore technology provides >90% efficiency with no compromise in performance
- Amplifier is stable for 2Ω - 16Ω loads
- XFMR 4/8 needed for 70V/100V applications
- Flexible input routing

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4 channel model with C14 mains socket shown



8 channel model with C14 socket shown

Power Matrix

Model	Channels	4Ω	8Ω
CT475	4	75W	75W
CT875	8	75W	75W
CT4150	4	125W	125W
CT8150	8	125W	125W

Performance Specifications	CT475	CT4150	CT875	CT8150
Signal to Noise Ratio (below rated power 20Hz to 20kHz, A-Weighted)	110dB	110dB	110dB	110dB
Total Harmonic Distortion (THD) (full rated power, 20Hz - 20kHz)	<0.05%	<0.05%	<0.05%	<0.05%
Intermodulation Distortion (from 0dB down to -30dB)	<0.05%	<0.05%	<0.05%	<0.05%
Frequency Response (at 1W into 4/8Ω)	± 0.5dB	± 0.5dB	± 0.5dB	± 0.5dB
Crosstalk (below rated power 20Hz to 1KHz)	>70dB	>70dB	>70dB	>70dB
Common Mode Rejection (20Hz to 1Khz)	>55dB, typically >70dB	>55dB, typically >70dB	>55dB, typically >70dB	>55dB, typically >70dB
Voltage Gain	25dB	25dB	25dB	25dB
DC Offset	+20mV	+20mV	+20mV	+20mV
Idle Power Consumption (Standard Mode)	15.0W	17.5W	23.0W	25.5W
Physical Specifications				
Width	19 in. (48.3 cm)	19 in. (48.3 cm)	19 in. (48.3 cm)	19 in. (48.3 cm)
Height	1.75 in. (4.4 cm)	1.75 in. (4.4 cm)	1.75 in. (4.4 cm)	1.75 in. (4.4 cm)
Depth	15.9 in. (38.6 cm)	15.9 in. (38.6 cm)	15.9 in. (38.6 cm)	15.9 in. (38.6 cm)
Weight	10lbs/4.54kg	10lbs/4.54kg	10lbs/4.54kg	10lbs/4.54kg
Net Shipping Weight	15lbs/6.8kg	15lbs/6.8kg	15 bs/6.8kg	15lbs/6.8kg

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.