EMPOWER by Crown

750W, 2 channel

Features

Active loudspeakers are the new must-have, but embedded amplifiers have left much to be desired until now. Only Crown technology gives you and your customers measurable, consistent performance plus long-term reliability.

- Crown's exclusive DriveCore™ technology, for maximum power with minimum space requirements
- Ultra-low distortion rate, measured as low as <.1% with noise >115dB S/N — giving sound clarity that only Crown can deliver
- Up to 2 x 750W continuous at 4Ω and 8Ω, 2 x 1000W burst at 2Ω
- ISO certified
- Auxilliary DC supply 20W to support a variety of needs, including input cards, networking, or 60-pin flat/flex cable
- Peak voltage as high as 50Vrms, with peak current 40A
- Global power supply runs on 85-265VAC, 50-60Hz

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Performance Specifications	750W, 2 channel
Output Topology	DriveCore™ Class D
S/N Ratio (ref 8Ω, 20Hz-20kHz, A-weighted)	115dB
IMD	0.35%
Frequency Response (1W, 8Ω)	+/- 0.25dB
Voltage Gain	14dB (amp only)
Crosstalk (below 8Ω rated power) 1kHz	>80dB
DC offset	+/- 20mV
Output Voltage Capability	50Vrms
Output Current Capability	40A peak
Load Impedance Recommended	2Ω-4Ω
Overall Efficiency	>85% at 1/3 power
Standby/Sleep Power Consumption	<0.5W

Operating Temperature Range	0-40C
AC Mains Operating Voltage/ Frequency	85-265VAC, 50-60Hz
Power Factor Correction	Yes
DC Rail Voltage	+/- 80V
Aux Power for Input/DSP	±15V at 200mA +5V at 400mA +15V at 800mA* +3.3V at 200mA*
Maximum Aux Power Draw (total across all voltages)	20W
External Fan Driver	Yes
Input Connector: analog audio, voltage/current monitor, status control/ monitor. All models use either spi or I2S for configuration of DriveCore modes	60-pin flat flex
Output	4-pin molex style

*Always on

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