

Crown Audio DriveCore 2300 Specs

Power Amplifier

Number of Channels 2

Power Rating 300 W per Channel
600 W Bridged

Load Impedance / Voltage **Stereo:**
2 / 4 / 8 / 16 Ohms per Channel
70 / 100 V per Channel
Bridged:
4 / 8 / 16 Ohms
140 / 200 V

Performance

Protections DC Fault, Low Impedance, Open Circuit, Overcurrent, Overvoltage, Ultrasonic, Undervoltage

Frequency Response 20 Hz to 20 kHz ± 0.5 dB (8 Ohms)

Damping Factor >1000

Input Sensitivity **Line:**
0.7 Vrms to 2.5 Vrms / -8 dBu to 10.2 dBu (at 8 Ohms)
1 Vrms to 3.5 Vrms / 2.2 dBu to 13.2 dBu (at 70 V)
1.4 Vrms to 5 Vrms / 5.2 dBu to 16.2 dBu (at 100 V)

Input Impedance	20 Kilohms (Balanced) 10 Kilohms (Unbalanced)
Max Gain	34 dB (at 4 Ohms, at 8 Ohms, at 70 V, at 100 V)
Max Input Level	+20 dBu
SNR	>104 dB
THD	0.35% (at Rated Power)
Intermodulation Distortion	≤0.35%
Crosstalk	>80 dB (Below Rated Power)
CMRR	>70 dB

Signal Processing

DSP	32-Bit Floating Point DSP at 96 kHz
Audio Delay	Adjustable Up to 1000 ms per Channel
Crossover	High-Pass: 16 to 20 kHz, 12/24/48 dB/Octave Bessel High-Pass: 16 to 20 kHz, 6/12/24/48 dB/Octave Butterworth High-Pass: 16 to 20 kHz, 12/24/48 dB/Octave Linkwitz-Riley Low-Pass: 16 to 20 kHz, 12/24/48 dB/Octave Bessel Low-Pass:

16 to 20 kHz, 6/12/24/48 dB/Octave Butterworth
Low-Pass:
16 to 20 kHz, 12/24/48 dB/Octave Linkwitz-Riley

EQ 8-Band Parametric EQ per Channel

Limiting Yes

Connectivity

I/O **1 x** Terminal Block 6-Pin Balanced Line Input
1 x Barrier Strip 4-Pin Speaker Output

Digital I/O **1 x** RJ45 Ethernet Input/Output (Control)
2 x RJ45 BLU-Link Input/Output (I/O)

USB *None*

Power

AC Input Power **Universal:**
100 to 240 VAC, 50 / 60 Hz

AC Power Connector **1 x** IEC 15 A / NEMA 5-15

Current Consumption **120 VAC:**
1.1 to 1.4 A (1/8 Power)
1.9 to 2.8 A (1/3 Power)
230 VAC:
0.7 to 0.8 A (1/8 Power)
1.1 to 1.5 A (1/3 Power)

Power Consumption

120 VAC:

80 to 97 W (1/8 Power)

99 to 138 W (1/3 Power)

230 VAC:

102 to 119 W (1/8 Power)

115 to 381 W (1/8 Power)

Physical

Display & Indicators

Front Panel:

1 x Multi-Color Graphic LCD

Rackmount Size

2 RU

Cooling

Fan (Variable Speed)

Thermal Dissipation

512 BTU/hr (Maximum)

Dimensions

19.0 x 3.5 x 12.2" / 48.3 x 8.9 x 31.1 cm

Weight

14.5 lb / 6.6 kg
