

# Crown Audio DCI4X2400N-U-USFX Specs

Number of Channels 4

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Power Rating

**2 Ohms:**  
2100 W per Channel

**4 Ohms:**  
2400 W per Channel  
4200 W Bridged

**8 Ohms:**  
1900 W per Channel  
4800 W Bridged

**16 Ohms:**  
950 W per Channel  
3800 W Bridged

**70 V:**  
2100 W per Channel

**100 V:**  
2300 W per Channel

**140 V:**  
1200 W Bridged

**200 V:**  
4600 W Bridged

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Load Impedance / Voltage

**Parallel/Stereo:**  
2 / 4 / 8 / 16 Ohms  
70 / 100 V

**Bridged/Mono:**  
4 / 8 / 16 Ohms  
140 / 200 V

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## Performance

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Protections DC Fault, Low Impedance, Overvoltage, Short Circuit, Thermal, Ultrasonic, Undervoltage

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Frequency Response 20 Hz to 20 kHz  $\pm$ 0.25 dB

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Damping Factor	> 1000
Input Sensitivity	2.5 Vrms (at 8 Ohms) 1.4 Vrms (at 70 V) 2 Vrms (at 100 V)
Input Impedance	10 Kilohms (Balanced) 5 Kilohms (Unbalanced)
Max Gain	34 dB
SNR	> 104 dB (at 8 Ohms) > 108 dB (at 8 Ohms)
THD	< 0.35% (Full Range, at Rated Power)
Intermodulation Distortion	≤ 0.35%
Crosstalk	> 80 dB (Below Rated Power, 20 Hz to 1 kHz)
CMRR	> 70 dB

## Signal Processing

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DSP	Yes
Crossover	Yes
Ducking/Muting	<i>None</i>
Limiting	Yes

## Connectivity

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I/O **2 x** Terminal Block 6-Pin Balanced Input  
**2 x** Barrier Strip 4-Pin Output

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Digital I/O **1 x** RJ11 (Control)  
**1 x** RJ45 (Control, Network)  
**2 x** RJ45 BLU-Link

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USB *None*

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## Power

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

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AC Power Connector **1 x** powerCON 30 A

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Current Consumption **120 VAC:**  
8.3 to 20.5 A (1/8 Power)  
16.3 to 50.3 A (1/3 Power)  
**230 VAC:**  
4.5 to 11.3 A (1/8 Power)  
9 to 23.9 A (1/3 Power)

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Power Consumption **120 VAC:**  
442 to 995 W (1/8 Power)  
609 to 1810 W (1/3 Power)  
**230 VAC:**  
490 to 951 W (1/8 Power)  
595 to 1778 W (1/3 Power)

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## Physical

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Display & Indicators **15 x** LED (Bridged  
Mode/Clip/Fault/Level/Signal/Standby/Thermal)

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Rackmount Size 2 RU

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Cooling	Fan (Variable Speed)
Thermal Dissipation	6711 BTU/hr (Maximum)
Dimensions	19.0 x 3.5 x 19.0" / 48.3 x 8.9 x 48.3 cm
Weight	29.7 lb / 13.5 kg