XLC Series



Features

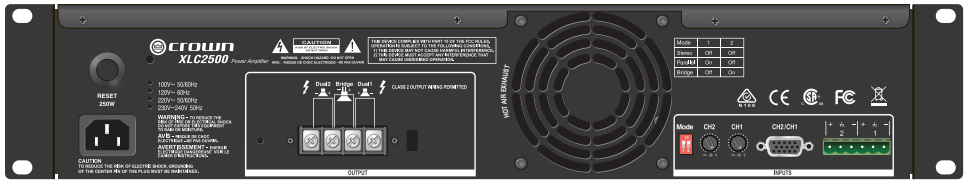
Monitor

- CXM2000 provides passive and bi-amp speaker tunings for JBL Cinema Speaker 3252 (N), 3722 (N), 3732, 3730, 4722, and 4732
- Built-in speaker monitors the processor input and amplifiers output signals
- Onboard JBL cinema speaker parameters include crossover, EQ filters, delay, and more to enhance speaker's performance
- Fault detection indicates faults on the front panel and sends signals to Theater Management System (TMS)
- Illuminated buttons offer easy operation in dark rooms
- HD-25 connectors and HD-15 connectors for quick and hassle-free connectivity

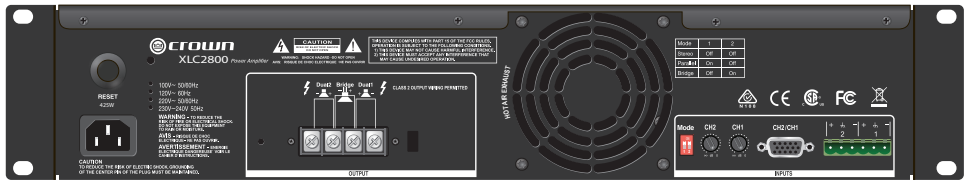
Amplifiers

- XLC amplifiers are compatible with Crown Monitor and Crossover System CXM2000 for monitor, fault detection and crossover functions
- XLC amplifiers are compatible with Crown Monitor System DSi-8M for monitor function
- Capable of driving 2Ω, 4Ω and 8Ω outputs
- Support parallel connection of cinema surround speakers
- Indicators provide accurate diagnostics: Power, Signal, Clip and Fault
- Gain control on rear panel of amplifiers
- High performance, light weight DriveCore™ based amplifier – weighs less than 14lbs (6kgs)
- Input configuration: stereo and parallel
- Output configuration: stereo and bridge

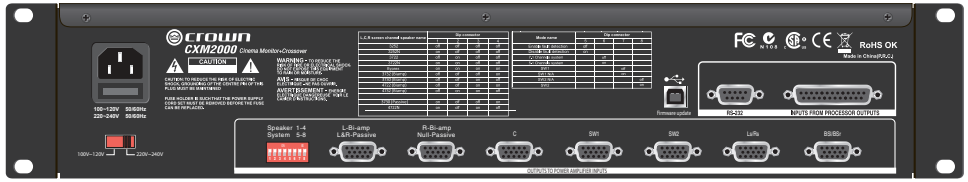
XLC Series



XLC 2500 model shown



XLC 2800 model shown



CXM 2000 model shown

Power Matrix

Model	Channels	2Ω	4Ω	4Ω Bridge	8Ω	8Ω Bridge
XLC 2500	2	775W	500W	1550W	300W	1000W
XLC 2800	2	1200W	775W	2400W	400W	1550W

Amplifier Performance Specifications	XLC 2500	XLC 2800
AC Line Voltage and Frequency, Configurations Available (+/-10%)	100VAC 50/60Hz, 110VAC 60Hz, 220/230~240VAC 50Hz	
Voltage Gain	35	42
Sensitivity (for full rated power at 4Ω)	1.4V	
Signal-to-Noise Ratio (ref. rated power, 8Ω, 1kHz)	>103dB	
Total Harmonic Distortion (THD) (1kHz)	<0.5%	
Damping Factor (8Ω, 10Hz ~ 400Hz)	>200	
Intermodulation Distortion (IMD) (60Hz ~ 7kHz, 4:1, from full rated output to -30dB)	<0.3%	
Frequency Response (1W, 20Hz ~ 20kHz)	0dB	-1dB
Crosstalk (below reated 8Ω power) At 1kHz	>85dB	
Crosstalk (below reated 8Ω power) At 20kHz	>55dB	
Input Impedance (nominal)	20kΩ balanced; 10kΩ unbalanced	
Load Impedance	2~8Ω per channel in Stereo; 4~8Ω in Bridge	
Physical Specifications		
Width	19 in. (48.3 cm)	
Height	3.5 in. (8.9 cm)	
Depth	8 in. (20.6 cm)	10.4 in. (26.4 cm)
Net Weight	8.3lbs (3.75kg)	10.4lbs (4.72kg)
Shipping Weight	10.7lbs (4.85kg)	13.2lbs (6kg)

Monitor Performance Specifications	CXM 2000
AC Line Voltage and Frequency, Configurations Available (+/-10%)	100V ~120V / 220V ~ 240V, 50Hz / 60Hz, 50W
Processor Input Channels	8 inputs
Input Impedance (Processor Inputs)	>10kΩ
Input Impedance (Power Amplifier Inputs)	>10kΩ
Signal to Noise Ratio	104dB (A weighted)
Crosstalk	> 80dB (A weighted)
Internal Monitor Speaker Power	8W
DSP Section	DSP for Left, Right and Center channel speakers
Physical Specifications	
Width	19 in. (48.3 cm)
Height	3.5 in. (8.9 cm)
Depth	8 in. (20.6 cm)
Net Weight	8.3lbs (3.75kg)
Shipping Weight	10.7lbs (4.85kg)

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.