



Features

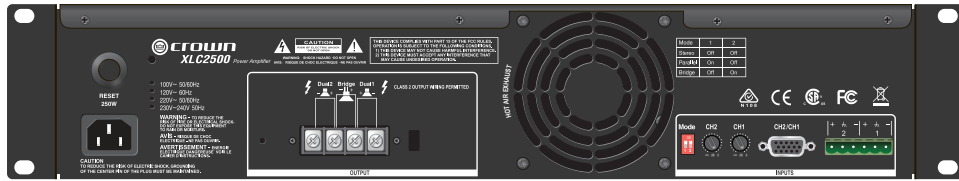
Monitor

- 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

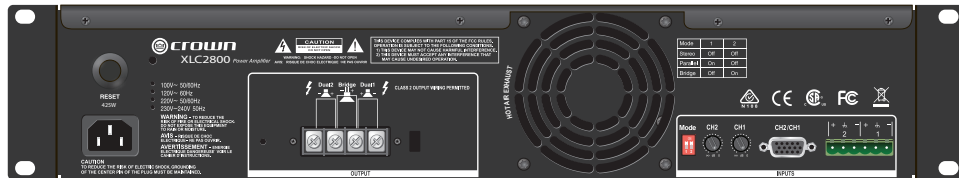
Amplifiers

- 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

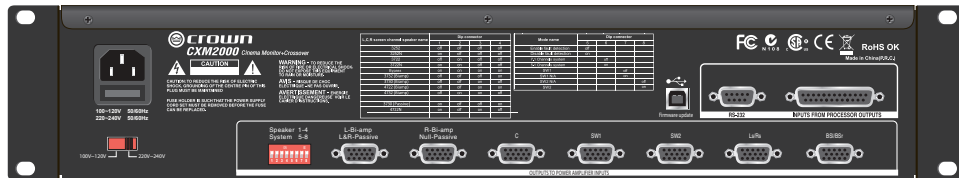
XLC Series



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	Monitor Performance Specifications	CXM 2000
	AC Line Voltage and Frequency, Configurations Available (+/-10%)	100VAC 50/60Hz, 110VAC 60Hz, 220/230~240VAC 50Hz		
Voltage Gain	35	42	Processor Input Channels	8 inputs
Sensitivity (for full rated power at 4Ω)		1.4V	Input Impedance (Processor Inputs)	>10kΩ
Signal-to-Noise Ratio (ref. rated power, 8Ω, 1kHz)		>103dB	Input Impedance (Power Amplifier Inputs)	>10kΩ
Total Harmonic Distortion (THD) (1kHz)		<0.5%	Signal to Noise Ratio	104dB (A weighted)
Damping Factor (8Ω, 10Hz ~ 400Hz)		>200	Crosstalk	> 80dB (A weighted)
Intermodulation Distortion (IMD) (60Hz ~ 7kHz, 4:1, from full rated output to -30dB)		<0.3%	Internal Monitor Speaker Power	8W
Frequency Response (1W, 20Hz ~ 20kHz)	0dB	-1dB	DSP Section	DSP for Left, Right and Center channel speakers
Crosstalk (below rated 8Ω power) At 1kHz		>85dB	Physical Specifications	
Crosstalk (below rated 8Ω power) At 20kHz		>55dB	Width	19 in. (48.3 cm)
Input Impedance (nominal)	20kΩ balanced; 10kΩ unbalanced		Height	3.5 in. (8.9 cm)
Load Impedance	2~8Ω per channel in Stereo; 4~8Ω in Bridge		Depth	8 in. (20.6 cm)
Physical Specifications				
Width	19 in. (48.3 cm)		Net Weight	8.3lbs (3.75kg)
Height	3.5 in. (8.9 cm)		Shipping Weight	10.7lbs (4.85kg)
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)		