

XLC 21300

2-Channel 1,300-Watt Power Amplifier for Pro Cinema Applications



HIGHLIGHTS ■

High Power, Competitive Price

With high power and 4-ohm load capability, the Crown XLC 21300 amplifier can be used for powering main screen speakers, surrounds and subwoofers in a professional and competitively priced package

System Monitoring

Built-in diagnostics monitor amp and speaker loading via third-party control and TMS systems; HD-15 input allows easy connectivity with the JBL CPi2000 cinema processor to report amplifier status, load status and errors to NOC systems

The Crown XLC 21300, the newest, most powerful model in Crown's XLC Series of high-output, competitively priced professional cinema amplifiers, delivers clean, reliable power in a versatile package.

Compact, powerful and cost-effective, the XLC 21300 provides outstanding sound quality, ease of installation and the rock-solid reliability you expect in every Crown product.

Combine the XLC 21300 with the JBL CPi2000 cinema processor and JBL Cinema Expansion Series speakers to build a complete, fully integrated JBL cinema sound solution.

KEY MESSAGES ■

MORE POWER FOR THE PRICE

The XLC 21300 amplifier sets a new benchmark of power capability for Crown's cost-conscious XLC Series, delivering 1,000W at 8Ω and 1,300W at 4Ω; The XLC21300's high power output provides an affordable solution to drive subwoofers at both 8Ω and 4Ω loads.

VERSATILITY & VALUE

The XLC 21300 is designed to integrate with a range of sound system configurations, supporting parallel, input Y and bridged-mono-output modes. Its HD-15 input allows simple connectivity with the JBL CPi2000 cinema processor, which provides audio enhancement including DSP, room EQ tuning, volume control and system fault detection. Add JBL Cinema Expansion Series speakers and subs to build a complete, fully integrated JBL cinema sound solution.

MONITORING & DIAGNOSTICS

Accurate diagnostics help keep your system running at peak performance: The XLC 21300 monitors the status of amplification and speaker loads through third-party control and TMS systems when used with the JBL CPi2000 processor; front-panel indicators monitor key statistics such as Signal, Clip, Power, Bridged Output and Fault; a Power LED indicates standby, normal operation and default.

BOX CONTENTS ■

- XLC 21300 Amplifier
- Power Cord
- Quick Start Guide

XLC 21300

2-Channel 1,300-Watt Power Amplifier for Pro Cinema Applications



FEATURES

- Output power: 1,000W at 8Ω; 1,300W at 4Ω
- Input Y and dual input modes
- Stereo and bridged-mono output modes
- Built-in diagnostics monitor amp and speaker loading via third-party control and TMS systems
- HD-15 input allows easy connectivity with the JBL CPi2000 cinema processor to report amplifier status, load status and errors to NOC systems
- Rear-panel volume control
- Forced-air cooling provides stable performance



TECHNICAL SPECIFICATIONS

CHANNELS:	2
OUTPUT POWER (@ 1 kHz):	8Ω: 1000 watts x 2 4Ω: 1300 watts x 2 8Ω Bridged: 2,700 watts x 1
FREQUENCY RESPONSE (@ 1W, 20 Hz–20 kHz):	+0 / -1 dB
SIGNAL-TO-NOISE RATIO (REF. RATED POWER, 8Ω, 1 kHz):	>100 dB
THD:	<0.5%, 20 Hz–20 kHz
DAMPING FACTOR (8Ω, 10 Hz–400 Hz):	>200
INTERMODULATION DISTORTION:	<0.35% (60 Hz and 7 kHz at 4:1 from full rated output to -30 dB)
CROSSTALK SEPARATION:	>75 dB (below rated 8 ohms power at 1 kHz); >59 dB (below rated 8 ohms power at 20 kHz)
INPUT IMPEDANCE (NOMINAL):	20kΩ balanced, 10kΩ unbalanced
VOLTAGE GAIN:	36 dB

LOAD IMPEDANCE:	4–8Ω per channel in stereo, 8Ω bridged
INPUT CONNECTORS:	1 x 6-pin Phoenix female, 1x HD-15 female
OUTPUT CONNECTORS:	4-pin barrier strip
INPUT MODES:	Dual, input Y
OUTPUT MODES:	Stereo, bridged mono
INPUT SENSITIVITY (FULL RATED POWER @ 4Ω):	1.4V
LED INDICATORS:	Power, signal, clip, bridged output and fault (Power LED = standby, normal operation and default)
AC LINE VOLTAGE AND FREQUENCY (±10%):	120 VAC, ~60 Hz; 220 VAC, ~50/60 Hz; 230–240 VAC, ~50 Hz
UNIT DIMENSIONS (D x W x H):	366 x 482.6 x 88.9 mm (14.4 x 19 x 3.5 in)
NET WEIGHT:	17.9 kg (39.46 lb)

ORDER SPECIFICATIONS

BOX DIMS (L x W x H):	565 x 520 x 140 mm (22.24 x 20.47 x 5.51 in)
SHIPPING WEIGHT:	19.4 kg (42.77 lb)
SKU/UPC CODE:	NXLC21300-0-US: 691991033940 NXLC21300-2-CN: 691991033926 NXLC21300-34-EU: 691991033995 NXLC21300-2-EU: 691991033964



HARMAN Professional 8500 Balboa Blvd. Northridge, CA 91329 USA

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