

# 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 ■

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

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

## ORDER SPECIFICATIONS ■

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



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