

HARMAN



PERFECT
SOUND
FOR EVERY SCENE

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PRO CINEMA SOLUTION

AMPLIFIERS • SURROUNDS • SCREEN ARRAYS • SUBWOOFERS



PERFECT SOUND FOR EVERY SCENE

As captivating as a movie's visuals may be, it's the sound that pins audiences to their seats.

Stirring, memorable theme music. Spaceships zooming through the universe with lasers blasting. The roaring engines and squealing tires of a thrilling car chase. Angry shouting in a courtroom showdown, or the romantic leads whispering their love for one another.

All are part of the emotional cinematic elements that dramatically intensify the movie-going experience. So they can keep audiences fully enthralled, a sound system that captures every audio nuance is essential.



PROFESSIONAL SOUND FOR EVERY THEATER

With HARMAN's Pro Cinema Solution, you can deliver cinematic sound that is crisp, clean and true for any size theater. This solution pairs high performance Crown power amplifiers with the audio brilliance of JBL® cinema sound products, allowing you to create customized systems that are ideal for your operation.

For small theaters, the XLC Series is easy to set up and cost effective, and includes Crown's proprietary DriveCore™ Technology, which significantly reduces the amplifiers' size, while yielding much more energy efficient operation – without sacrificing performance. Delivering proven power and versatility for medium-sized theaters, the flexible DSi Series features onboard digital signal processing plus automatic presets for JBL speakers, along with a switch-mode universal power supply. Crown's flagship DCi Series offers multi-channel configurations in network models for large theaters. Also DriveCore-powered, the DCi's high power density, BLU link digital audio transport and maximum power defines superior accuracy and best-in-class signal-to-noise performance.

DRIVECORE™

DriveCore Technology is decisively separating Crown amplifiers from everyone else, integrating innovations that can only come from decades of industry expertise.

By combining hundreds of parts into one small chip, DriveCore Technology provides:

- More operating efficiency and reliability by using fewer parts
- Significantly reduced power consumption
- The audio quality of a highly evolved Class AB design in an ultra-efficient amp
- Greater accuracy, extremely low distortion and best-in-class signal-to-noise performance
- A proprietary hybrid analog-digital integrated circuit

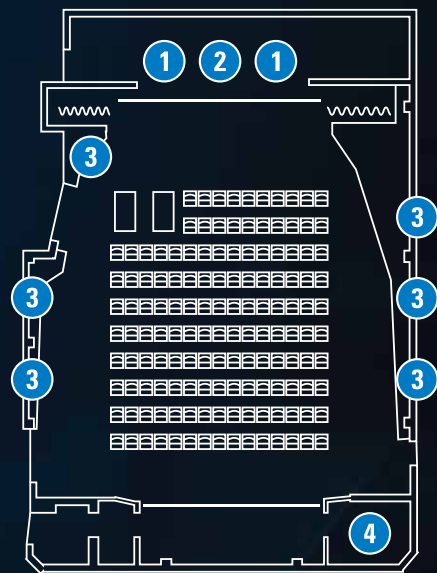


Designed to increase performance and acoustic qualities while dramatically reducing energy consumption, DCi amps manufactured under HARMAN's GreenEdge™ initiative:

- Conform to lead-free ROHS standards
- Use recycled copper, aluminum and steel from factory processes
- Are lighter in weight leading to less freight and reduced emissions
- Require less power / produce less heat
- Include a low-energy powder coat that uses 33% less energy

XLC

CINEMA SOLUTION



SMALL THEATER FORMAT
100 - 150 SEATS



1

3252: 2-WAY CHANNEL SCREENARRAY LOUDSPEAKERS

- Frequency Range: 37Hz to 20kHz (-10dB)
- Frequency Response: 53Hz to 18kHz (±3dB)
- Sensitivity: 103dB, 2.83V @ 1m (3.3ft)
- Power Rating: 400W continuous pink noise



2

3635: CINEMA SUBWOOFER SYSTEM

- Frequency Range: 28Hz to 500Hz (-10dB)
- Frequency Response: 38Hz to 100Hz (±3dB)
- Power Rating: 300W continuous pink noise



3

8320: COMPACT CINEMA SURROUND SPEAKER

- Frequency Range: 50Hz to 20kHz (-10dB)
- Frequency Response: 65Hz to 18kHz (±3dB)
- Power Rating: 150W continuous pink noise

SMALL THEATER, BIG SOUND

From staying on top of your concession inventory to scheduling personnel to payroll management, keeping your small theater running smoothly can keep you running. So you need to select an audio system you know you can count on to deliver the best cinematic sound for each and every movie. Crown's affordable new XLC Series amplifiers, paired with JBL® cinema sound products, makes your choice simple and easy.

Both the XLC2500 and XLC2800 amps include Crown's DriveCore™ Technology, which replaces up to 500 parts with one small chip. This significantly reduces the part count, increasing reliability and energy efficiency while maintaining brilliant performance.



4

XLC SERIES AMPLIFIERS

- Two models of 500W (XLC2500) and 775W (XLC2800) per channel at 4Ω
- Power for 2Ω, 4Ω and 8Ω outputs, supporting stereo, and bridge outputs
- Inputs can be configured for parallel operation for additional cinema surround speakers
- Indicators provide accurate diagnostics: Power, Signal, Clip and Fault
- Volume control on rear panel of amplifiers
- High performance, light weight DriveCore-based amplifier
- Flexible HD-15 and phoenix connectors simplifies system wiring
- Compatible with Crown Monitor System DSI-8M for monitor function

SPECIFICATIONS

| MODEL | Channels | 2Ω Dual | 4Ω Dual | 8Ω Dual | 8Ω Bridged |
|---------|----------|------------|------------|------------|---------------|
| XLC2500 | 2 | 775W | 500W | 300W | 1000W |
| XLC2800 | 2 | 1200W | 775W | 400W | 1550W |

Minimum Power Guaranteed 1kHz

VERSATILE OPERATION

Plus, pairing XLC amps with Crown's CXM2000 Cinema Monitor and Crossover System monitors either processor input signal or the amp's output signal monitoring and fault detection. The CXM2000 also provides you with built-in pre-set DSP for JBL passive and bi-amplified cinema speakers.



4

CXM2000 MONITOR

- Provides passive and biamp speaker tunings for JBL Cinema Speakers (3252N, 3722N, 3732, 3730, 4722, 4732)
- Built-in speaker monitors the processor input and amplifiers output signals
- Fault detection alert through the Theater Management System (TMS) port
- Lit buttons offer easy operation in dark rooms.
- HD-25 connectors and HD-15 connectors for quick and hassle-free connectivity
- Dimensions (L x D x H): 18.97" x 8.26" x 3.46"

SPECIFICATIONS

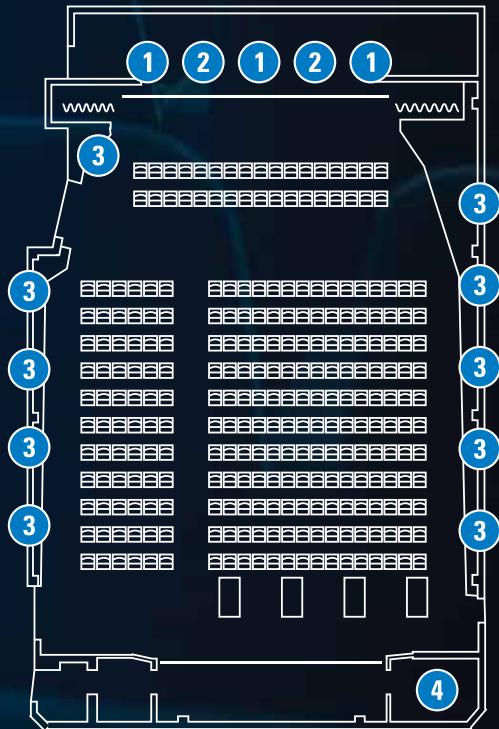
| MODEL | Channels | Signal To Noise Ratio | Crosstalk | Presets | Power Consumption | Net Weight |
|---------|----------|--------------------------|-----------|---------|----------------------|---------------|
| CXM2000 | 2 | 104dB | >80dB | 11 | 8W | 10.47lbs. |

Visit CROWNAUDIO or JBLPRO.COM for full specifications.

XLC

DSi

CINEMA SOLUTION



MEDIUM THEATER FORMAT
250 - 400 SEATS



1
**4722: 2-WAY SCREENARRAY
CINEMA LOUDSPEAKER SYSTEM**

- Frequency Range: 30Hz to 20kHz
- Frequency Response: 40Hz to 19kHz (±3dB)
- Sensitivity: 104dB, 2.83V @ 1m (3.3ft)
- Power Rating: 800W continuous pink noise



2
**4181: SINGLE 460 MM (18")
CINEMA SUBWOOFER SYSTEM**

- Rated Impedance: 8Ω
- Minimum Impedance: 5.6Ω
- Power Rating: 500W continuous pink noise



3
**8340A: HIGH POWER
CINEMA SURROUND SYSTEM**

- Frequency Range: 45Hz to 18kHz (-10dB)
- Frequency Response: 75Hz to 16kHz (±3dB)
- Power Rating: 250W continuous pink noise

MORE POWER. MORE MODELS. MORE RELIABILITY.

With the versatile Crown DSi Amplifier Series, you'll ensure cinematic sound in its purest, most powerful form plays a starring role in your theater operations. Engineered for unmatched quality and performance in a wide range of theater sizes, DSi amps treat your audiences to true and clear sound. The audio experience becomes even greater when it co-stars with award-winning JBL speaker solutions. DSi amps come in four models of 500W, 800W, 1,200W, and 2,100W per channel at 4Ω. Each one features onboard digital signal processing that includes crossovers, EQ filters, delay and output limiting, plus a switch-mode universal power supply.

The rear panel HD-15 connector provides easy input/output connectivity between the amps and the DSi-8M System Monitor. The intuitive front panel LCD screen guides you through a setup process that features automatic presets for JBL cinema speaker systems. In addition, computer connectivity via USB to HiQnet™ System Architect™ software means increased amplifier functionality.



4

DSi SERIES AMPLIFIERS

- Automatic presets for JBL cinema speaker systems
- Intuitive front panel LCD simplifies setup
- Onboard DSP includes crossovers, EQ filters, delay, and output limiting
- USB computer connectivity for configuration with HiQnet™ System Architect™ software
- Integrated processing means a lower noise floor
- Rear panel HD-15 connectors provide easy input/output connectivity between amps and DSi 8M system monitor
- Switch-mode universal power supply

SPECIFICATIONS

| MODEL | Channels | 2Ω Dual | 4Ω Dual | 8Ω Dual | 4Ω Bridged | 8Ω Bridged |
|----------------|----------|------------|------------|------------|---------------|---------------|
| DSi1000 | 2 | 700W | 475W | 275W | 1,400W | 950W |
| DSi2000 | 2 | 1,000W | 800W | 475W | 2,000W | 1,600W |
| DSi4000 | 2 | 1,450W | 1,200W | 650W | 3,000W | 2,400W |
| DSi6000 | 2 | 3,000W | 2,100W | 1,200W | 6,000W | 4,200W |

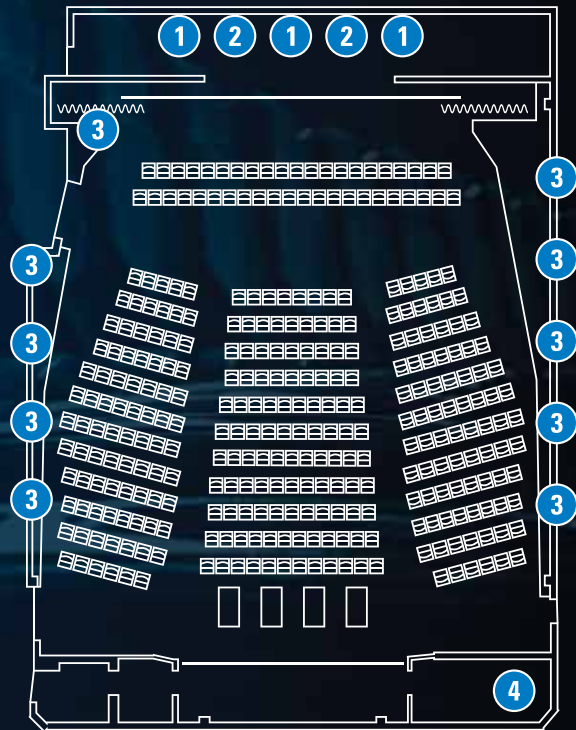
Minimum Power Guaranteed 1kHz

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DCi

CINEMA SOLUTION



LARGE THEATER FORMAT
500+ SEATS



1
5732: 3-WAY HIGH POWER
SCREENARRAY LOUDSPEAKERS

- Frequency Range: 30Hz to 20kHz (-10dB)
- Frequency Response: 40Hz to 19kHz (±3dB)
- Sensitivity: 115 dB, 2.83V @ 1m (3.3ft)
- Power Rating: LF 1200W, MF 700W, HF 150W



2
4641: SINGLE 460 MM (18")
SUBWOOFER SYSTEM

- Rated Impedance: 8Ω
- Minimum Impedance: 6.3Ω
- Power Rating: 1200W continuous pink noise



3
9320: 12" HIGH POWER
CINEMA SURROUND

- Frequency Range: 35Hz to 20kHz (-10dB)
- Frequency Response: 50Hz to 19kHz (±3dB)
- Power Rating: 400W continuous pink noise

A REVOLUTION IN INNOVATION

As an undisputed leader in cinema sound amplification, Crown builds on its legacy of innovation and insight with the ideal choice for large theaters everywhere: the DriveCore™ Install Amplifier Series (DCi). Our flagship DCi amps seamlessly integrate the amplifier drive stage into the power output stage and fuse everything into one very tiny but extremely powerful chip. With this single chip replacing 500 parts, it greatly reduces design complexity while increasing long-term reliability.

Matching the DCi with the pristine audio power of JBL's cinematic systems will effortlessly envelope every patron with sound. The highly efficient DCi Series offers user-friendly simplicity and easy, multi-channel configurations in network models. Thanks to its minimum size and maximum power, DCi defines superior accuracy, reduced weight, and best-in-class signal-to-noise performance.



4

DCi SERIES AMPLIFIERS

- True rack density
- Bridgeable outputs
- Highly efficient cooling system
- Advanced Power Factor Corrected (PFC) universal power supply
- Audio Architect software interface
- Wireless and Network monitoring and control
- Programmable general purpose input/output (GPIO) Ports
- Digital signal processing (LevelMAX™, EQ, Delay)
- Dolby® Atmos™ Connect/BLU link Digital Audio Transport.
- Best-in-class efficiency (power consumption and thermal dissipation)

SPECIFICATIONS

| MODEL | Channels | 2Ω Dual | 4Ω Dual | 8Ω Dual | 4Ω Bridged | 8Ω Bridged |
|----------------|----------|------------|------------|------------|---------------|---------------|
| 2I300N | 2 | 150W | 300W | 300W | 300W | 600W |
| 2I600N | 2 | 300W | 600W | 600W | 600W | 1,200W |
| 4I300N | 4 | 150W | 300W | 300W | 300W | 600W |
| 4I600N | 4 | 300W | 600W | 600W | 600W | 1,200W |
| 8I300N | 8 | 150W | 300W | 300W | 300W | 600W |
| 8I600N | 8 | 300W | 600W | 600W | 600W | 1,200W |
| 2I1250N | 2 | 1,250W | 1,250W | 1,250W | 2,500W | 2,500W |
| 4I1250N | 4 | 1,250W | 1,250W | 1,250W | 2,500W | 2,500W |

Minimum Power Guaranteed 20Hz to 20kHz

Visit CROWNAUDIO or JBLPRO.COM for full specifications.





LEGENDARY NAME LEGENDARY SOUND

JBL PROFESSIONAL AUDIO



SIXTY FIVE YEARS OF CINEMA INNOVATION

JBL's renowned history of audio expertise began in the cinema market over 65 years ago, their loudspeaker system exemplify JBL's sterling reputation for quality, reliability, and innovation. Probably the world's most popular cinema speakers, the ScreenArray systems provide dynamic range, inaudible distortion levels, and superb clarity at all

frequencies. JBL's cost-effective selection of high-power surround speakers is perfect for multi-channel surround formats. And with their low-frequency transducers, power ratings, and power output, the high-performance 18" subwoofers continue to set industry standards