

8102

High-Power Professional Cinema Surround Speaker



HIGHLIGHTS ■

Premium JBL Sound & Design

Professional JBL performance in a cost-effective package, with high SPL capabilities and maximum coverage

Easy & Versatile Deployment

Easily accessible binding post connectors and mountable via JBL QuickMount™, Omnimount® or APC Multimount brackets

Complete Cinema Solution

Combine with the Crown XLC amplifiers, JBL CPi2000 processor and other Cinema Expansion Series speakers for a fully integrated HARMAN cinema audio solution

The JBL 8102 high-power professional cinema surround speaker, part of the JBL Cinema Expansion Series, offers fidelity and performance synonymous with the JBL name at a competitive price point for cost-conscious theater owners seeking to offer a premium sound experience. The 10-inch, 2-way 8102 is optimized for small- to medium-sized theaters, delivering high SPLs and a throw capability of 40 feet for maximum coverage, along with superior headroom for improved performance and long-term stability.

The 8102 is designed for hassle-free deployment and operation, integrating seamlessly with the entire JBL Cinema Expansion Series, which includes two 3-way screen speakers and two subwoofers.

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

KEY MESSAGES ■

PREMIUM SOUND WITHOUT THE PREMIUM PRICE

With the Cinema Expansion Series, it's never been easier to step into the stunning sound of a JBL cinema system. The Cinema Expansion Series 8102 surround speaker delivers up to 125 dB peak SPL, with 110° x 90° coverage, thanks to an innovative angled cabinet baffle design. Pair with JBL Cinema Expansion Series 3153 and 4253 screen speakers and 3181F and 4281F subwoofers for seamless coverage.

ROCK-SOLID AND RELIABLE

Trust the JBL Cinema Expansion Series to provide peak performance throughout the life of your investment: Systems are designed for superior overall efficiency; transducer-protection circuitry ensures long-term stability.

PURPOSEFUL, COST-CONSCIOUS DESIGN

The 8102 features a 20° down-angled baffle when mounted flat against a wall, for improved aesthetics and ideal directivity. With an impedance of 8 ohms, multiple surrounds can be wired to a single amplifier channel, reducing amplification cost—while the increased 110° x 90° coverage pattern means fewer surrounds are needed to achieve full coverage.

BUILD AN INTEGRATED SOUND SYSTEM

Complete your JBL cinema sound system with the JBL CPi2000 cinema processor, which provides audio enhancement including DSP, room EQ tuning, volume control and system fault detection. The CPi2000 features Cinema Expansion Series speaker presets for better sound and performance and easier deployment, and can send amplifier and speaker status to a central TMS (Theater Management System) control system.

IN THE BOX ■

8102 2-Way Surround Speaker

8102

High-Power Professional Cinema Surround Speaker



APPLICATIONS ■

CINEMA THEATERS

Small- to medium-sized (80-150-seat) cinema theaters

FEATURES ■

- 10-inch transducer, 2-way configuration
- 110° x 90° (horizontal x vertical) coverage
- Cabinet features 20° down-angled front baffle
- Mounting design features JBL QuickMount™, Omnimount® or APC Multimount brackets
- Input terminals located on enclosure top for quick access
- Binding-post connectors are consistent with other JBL cinema speakers and easy to wire
- 260W rated power
- 8-ohm impedance allows multiple surround speakers to be wired to a single amplifier channel
- 125 dB peak SPL
- Frequency range: 55 Hz–18 kHz (-10 dB)
- Throw capability of up to 40 ft (12 m)

TECHNICAL SPECIFICATIONS ■

SYSTEM TYPE:	2-way passive surround
FREQUENCY RANGE (-10 dB):	55 Hz–18 kHz
SYSTEM IMPEDANCE:	8Ω
SYSTEM POWER:	260W
SENSITIVITY (4 PI):	92 dB
MAX PEAK SPL (2 PI):	125 dB
SYSTEM DIRECTIVITY (H x V):	110° x 90°
TRANSDUCERS:	LF: 1 x 10" HF: 1 x 1"
COMPLIANCE:	CE
MATERIAL:	Cabinet: MDF Horn: Plastic Grill: Fabric
COLOR/FINISH:	Matte black, vinyl
CONNECTORS:	Binding post
WEIGHT:	8.5 kg (18.74 lb)
DIMENSIONS (D x W x H):	254 x 370 x 470 mm (10 x 14.57 x 18.5 in)

ORDER SPECIFICATIONS ■

BOX DIMS (L x W x H):	313 x 404 x 529 mm (12.32 x 15.91 x 20.83 in)
SHIPPING WEIGHT:	11.5 kg (25.35 lb)
COUNTRY OF ORIGIN:	CN
UPC CODE:	691991033872



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Features, specifications and appearance are subject to change without notice.

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