

4253

Professional 3-Way Main Screen Speaker



HIGHLIGHTS ■

Premium JBL Sound & Design

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

Easy & Versatile Deployment

Easily accessible binding post connectors and easily adjustable mid/high coverage positioning

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 4253 3-way cinema screen speaker, part of the Cinema Expansion Series, delivers fidelity and performance synonymous with the JBL name at a competitive price point for cost-conscious theater owners seeking to offer a premium experience while making the most of their investment.

The 800-watt 4253 is optimized for small- to medium-sized theaters, delivering high SPLs and covering rooms up to 85 feet (26 m).

The 4253 is designed for hassle-free deployment and operation, integrating seamlessly with the entire JBL Cinema Expansion Series, which includes two subwoofers and a high-power surround. Speakers are conveniently available as complete systems or as individual M/HF and LF modules in separate housings.

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. 4253 screen speakers provide high SPL output and wide coverage, ensuring a thrilling sound experience in every seat. Add 8102 surrounds for complete coverage; pair with JBL Cinema Expansion Series 3181F and 4281F subwoofers for superior bass extension.

ROCK-SOLID AND RELIABLE

Trust the 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.

DEPLOY WITH EASE, ANY WAY YOU PLEASE

The Cinema Expansion Series is designed for streamlined system setup and operation in a range of configurations. 4253 screen speakers offer passive and bi-amp drive modes. Cabinet hardware is engineered for maximum versatility, with enclosure-top input terminals and binding-post connectors.

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.

SYSTEM COMPONENTS ■ (Ordered Separately)

HPD3259 (LF unit for 4253)
3132-M/HF (M/HF unit for 4253)

www.jblpro.com

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APPLICATIONS ■

CINEMA THEATERS

Small- to medium-sized (100-150-seat) cinema theaters

FEATURES ■

- 3-way design offers maximum output, symmetrical 90° x 50° coverage and minimum distortion
- Optimized waveguide technology delivers a consistent pattern
- Two drive modes: passive and bi-amp
- Integrate seamlessly with the entire JBL Cinema Expansion Series including 8102 surround and 3181F and 4281F subwoofers
- Optimized operation using dedicated presets in the JBL CPi2000 cinema processor
- Built-in crossover network
- Transducer-protection circuitry prolongs equipment life
- Binding-post connectors on top of LF enclosure are easy to wire and save space behind the screen
- Dual 15-inch transducers deliver higher output and superior bass extension
- 800W rated power
- Available as a complete system or as individual M/HF (3132-M/HF) and LF (HPD3259) modules in separate housings
- 4-ohm impedance allows smaller Crown XLC amplifiers to power the speaker system
- 138 dB peak SPL
- Frequency range: 50 Hz–18 kHz (-10 dB)
- Throw capability of up to 85 ft (26 m); suitable for 100–150-seat cinemas

TECHNICAL SPECIFICATIONS ■

SYSTEM TYPE:	3-way screen	TRANSDUCERS:	LF: 2 x 15" MF: 1 x 6.5" HF: 1 x 1" exit
FREQUENCY RANGE (-10 dB):	50 Hz–18 kHz	COMPLIANCE:	CE
SYSTEM IMPEDANCE:	Passive: 4Ω LF: 4Ω M/HF: 4Ω	MATERIAL:	LF Enclosure: MDF M/HF Horn: Plastic
CROSSOVER:	Bi-amp (MF/HF + LF), full passive	INSTALLATION:	M/HF in one unit
SYSTEM POWER:	Passive: 800W Bi-amp: LF 800W, HF 160W	COLOR/FINISH:	Matte black, vinyl
SENSITIVITY (4 PI):	100 dB	CONNECTORS:	Binding post
MAX PEAK SPL (2 PI):	138 dB	WEIGHT:	46.1 kg (79.59 lb)
SYSTEM DIRECTIVITY (H x V):	90° x 50° (-30/+20)	DIMENSIONS (D x W x H):	450 x 704 x 1359 mm (17.72 x 27.72 x 53.50 in)

ORDER SPECIFICATIONS ■

BOX DIMS (L x W x H):	3132-M/HF: 579 x 314 X 607 mm (22.8 x 12.36 x 23.9 in) HPD3259: 509 x 884 x 759 mm (20.04 x 34.8 x 29.88 in)
SHIPPING WEIGHT:	3132-M/HF: 12.5 kg (27.56 lb) HPD3259: 44.5 kg (98.11 lb)
COUNTRY OF ORIGIN:	CN
UPC CODE:	3132-M/HF: 691991034022 HPD3259: 691991033902



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