

WD-S8015

8" High-Output Two-Way Full-Range Cinema Surround



HIGHLIGHTS ■

Premium JBL Sound & Design

Professional JBL performance with high SPL capabilities, maximum coverage and minimum distortion

Easy & Versatile Deployment

Easily accessible binding post connectors

Complete Cinema Solution

Combine with the Crown WD-A series amplifiers, JBL CPI2000 processor and other WD-S Series speakers for a fully integrated HARMAN / WANDA cinema audio solution

The WD-S8015 Cinema Surround Speaker offers high power handling, high sensitivity, and extended bass response in a very compact enclosure. The two-way WD-S8015's reliability and performance features position it as the ideal, compact surround for the extended dynamic range required by digital sound formats.

The WD-S8015 features a high power, long-throw 200 mm (8 in) low frequency driver for smooth, extended bass response. The high frequency section combines a 75mm (3in) paper cone tweeter for wide, even high frequency coverage. The 150 watt continuous power rating provides extended dynamic range required for digital soundtracks with absolute reliability.

Built to traditional JBL quality standards, the WD-S8015 will stand up to long-term use under adverse conditions while delivering excellent performance.

KEY MESSAGES ■

PREMIUM SOUND WITHOUT THE PREMIUM PRICE

With the WD-S Series, it's never been easier to step into the stunning sound of a JBL cinema system. The WD-S8015 surround speaker delivers up to 120 dB peak SPL, with 100° x 90° coverage, thanks to an innovative angled cabinet baffle design. Pair WD-S series screen speakers and WD-S1065 and WD-S1160 subwoofers for seamless coverage.

ROCK-SOLID AND RELIABLE

Trust the WD-S 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.

IN THE BOX ■

WD-S8015 2-Way Surround Speaker

PURPOSEFUL, COST-CONSCIOUS DESIGN

The WD-S8015 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 100° 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 WD-S 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.

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APPLICATIONS ■

CINEMA THEATERS

Small- to medium-sized (80–100-seat) cinema theaters

FEATURES ■

- 65 Hz to 18 kHz Frequency Range
- High Sensitivity, 90 dB SPL, 1 W, 1 m (3.3 ft)
- High Power Handling Capability: 150 watts continuous pink noise
- Convenient mounting design uses JBL QuickMount™, Omnimount® or APC Multimount brackets
- Special cabinet shape incorporates 20° angled front baffle
- SMPTE/ISO2969 Curve X high frequency deemphasis
- Wedge profile, rigid MDF enclosure with vinyl lamination enclosure
- Input terminals located on top of cabinet for quick access
- Uniform horizontal and vertical coverage

TECHNICAL SPECIFICATIONS ■

SYSTEM:

Frequency Range (-10 dB):	65 Hz - 18 kHz
Frequency Response (±3 dB):	75 Hz - 12 kHz
Power Rating ¹ :	150 W
Sensitivity (1W/1m) ² :	90 dB at full space; 92dB at half space
Nominal Impedance:	8 ohms
Maximum Peak SPL ³ :	114 dB, @ 1 m (3.3 ft) 120 dB peak
Hor. Coverage Angle (-6 dB):	100° averaged 400 Hz to 12 kHz
Vert. Coverage Angle (-6 dB):	90° averaged 400 Hz to 12 kHz
Crossover Frequency:	3000 Hz
High Frequency Contour:	ISO2969 Curve X surround contour
Polarity:	EIA (Positive voltage to RED terminal gives forward cone motion)

LOW FREQUENCY TRANSDUCER:

Nominal Diameter:	200 mm (8 in) 38 mm (1.5 in) voice coil
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HIGH FREQUENCY TRANSDUCER:

Nominal Diameter:	75 mm (3 in) 13 mm(0.5in) voice coil
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PHYSICAL:

Downward Firing Angle:	Nominal 20° when mounted flush on back panel
Enclosure Material:	Vinyl laminated MDF
Grille Color:	Black
Input Connectors:	2-way binding posts
Dimension (H x W x D):	410 mm x 343 mm x 246 mm (16.1 in x 13.5 in x 9.7 in)
Net Weight:	6.6 kg (14.5 lbs)

¹ Rating based on test signal of IEC filtered pink noise with a peak-to-average ratio of 6 dB, 100 hours duration.

² Average measured sensitivity at 2.83V/1m from 200 Hz to 3 KHz.

³ Calculated maximum SPL based on rated power handling and half-space sensitivity.

ORDER SPECIFICATIONS ■

DIMENSIONS (L x W x H):	510 mm x 556 mm x 442 mm (20.1 in x 21.9 in x 17.4 in)
WEIGHT:	15.2 KG (33.5 LBS)
COUNTRY OF ORIGIN:	CN
UPC CODE:	69199100581



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