SPECSHEET

9350

Configurable Pattern Cinema Surround Loudspeaker

Key Features:

- Unique 3-way design with 15” low frequency driver and passive crossover network
- 390-watt (56 Vrms) power rating (AES 2-hour, IEC/pink)
- Dual Dissimilar Arraying:
  - Creates line array pattern control with just two horns
  - Provides a sculpted coverage pattern, easily selectable using a switch, for side or rear wall mounting
  - Extends HF output power and pattern control a full octave in both frequency spectrum extremes
- Acoustic Divider Waveguide:
  - Greatly improves midrange performance of the 15” Differential Drive® woofer
  - Provides smooth crossover transition by using very tight driver spacing and controlling breakup mode energy
- Bi-pole wall decoupling
  - Creates a low frequency acoustic bi-pole using the Acoustic Divider Waveguide
  - Reduces wall reflection notching typical of surrounds by shaping rear hemisphere energy



Description:

Today’s immersive cinema systems can place sounds at any location in the theatre by routing unique content to each speaker—front, rear, ceiling and sides. This requires surround speakers to be just as capable as screen array speakers and use technology not available in traditional surrounds. To deliver a surround speaker more than worthy of today’s immersive systems, HARMAN engineered the JBL9350 Cinema Surround Loudspeaker—a high-efficiency, high-output 3-way system with configurable coverage patterns, a 15” Differential Drive woofer, Acoustic Divider Waveguide and Dual Dissimilar Array.

The 9350 packs a sonic punch and delivers extraordinary sound quality and coverage through its advanced engineering, including three patent-pending JBL technologies. Each loudspeaker generates a sculpted coverage pattern, selectable with the flick of a switch, to provide the appropriate coverage when mounted as a side or rear surround. The 9350 further enhances sound quality and coverage thanks to its advanced waveguide and wall decoupling features. And the optimized built-in passive crossover network means that only one amplifier channel is required for each loudspeaker.

The result? Premium performance, broader coverge and outstanding left/right balance—an accomplishment unheard of in cinema. The sonic sweet spot just got a whole lot bigger, and that detailed, impactful sound now fully immerses every seat in the theatre, for an audio experience like no other. The 9350 is the ideal complement to screen array loudspeakers, for a dynamic and immersive sonic performance that excites.

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Specifications:

System	
Frequency Range (-10 dB)	50 Hz – 25 kHz (2pi)
Frequency Range (-3 dB)	60 Hz – 20 kHz (2pi)
Power Handling (AES 100-Hour Rating)	200 W (40 Vrms), pink/IEC
Power Handling (AES 2-Hour Rating)	390 W (56 Vrms), pink/IEC
Free-Field Sensitivity	99 dB, 1 W @ 1m, ref 2.83 V
Configurable Coverage Patterns	Side / Rear
Calculated Max Output	128 dB SPL (134 dB SPL peak)
Nominal Impedance	8 ohms
Minimum Impedance	7 ohms @ 200 Hz
Hor. Coverage Angle (-6 dB)	Side Pattern: 70º Rear Pattern: 90 º
Vert. Coverage Angle (-6 dB)	Side Pattern: 40º asymmetrical Rear Pattern: 25º asymmetrical
Crossover Frequency	2200 Hz

Transducers	
Low Frequency	265H-1
High Frequency	1 x HF 2408H, 1 x 2414H
265H-1 Dimensions	Nominal Diameter: 38.1 cm (15 in)
2408 Dimensions	Nominal Diameter: 3.8 cm (1.5 in)
2424 Dimensions	Nominal Diameter: 2.5 cm (1 in)
Physical Specifications	
Downward Firing Angle	10º for enclosure face
Enclosure Material	Plywood
Grille Color	Black
Input Connectors	Barrier strip
Dimensions (H x W x D)	769.6 mm x 647.7 mm x 419.1 mm (30.3 in x 25.5 in x 16.5 in)
Net Weight	64 lb (29.03 kg)
Mounting Bracket Compatibility	JBL 2520

JBL continually engages in research related to product improvement. Some materials, production methods and design refinements are introduced into existing products without notice as a routine expression of that philosophy. For this reason, any current JBL product may differ in some respect from its published description, but will always equal or exceed the original design specifications unless otherwise stated.

Amplifier Recommendations:

	Number of Surround Speakers/Channels	Amplifier
Good Solution	1	DSI 2000
	2	DSI 2000
Best Solution	1	DCi Series – 600 W*
	2	DCi Series – 1250 W**

* Includes DCi 2|600, DCi 4|600, DCi 8|600 (Analog or Network)
** Includes DCi 2|1250, DCi 4|1250 (Analog or Network)

Note: specifications are subject to change without notice. 12/2018. © 2018 Harman International. www.jblpro.com