

9400

Cinema Surround Loudspeaker
2 Way Passive- 1" HF, 10" Woofer



Key Features:

- 250 Watt Power handling capability
- High Frequency Horn features JBL Image Control Technology for precise pattern control
- Three uniquely-designed mounting planes provides a 15° angle toward the screen for optimized coverage
- Input terminals on top of cabinet for easy access
- Lightweight, Rigid molded enclosure
- Two venting ports at the bottom for improved low frequency response
- Uniform asymmetric 60 degree vertical coverage and 110 degree horizontal coverage
- Acoustic Theory blends with Low Frequency Gain Technology for better frequency response



Description:

Perfect System Upgrading: Technology innovation should never be ignored while creating a successful product in this century. That's why JBL, the world-renowned loudspeaker designer and manufacturer, constantly tries to inject frontier technology into its new products. The JBL 9400 Series Cinema Surround Loudspeakers come as another evidence of JBL's dedication to technology and innovation. By blending Acoustic Theory with Low Frequency Gain Technology, JBL wishes to bring improved and astounding experience to cinema audience all over the world.

Optimized Cabinet Design: The 9400 Series Cinema Surround Loudspeakers result from meticulous calibration based on acoustic theories. Distribution of the drivers and construction of the cabinet is carefully calculated and rigorously tested, in order to realize optimized resonance and accurate coverage. Two venting ports are added to the bottom of the cabinet so that low frequency response can be further improved.

Unique HF Horn: The horns developed specifically for the 9400 Series have studio quality performance with pattern control tailored to multiplex theater geometries. Using the latest advancements in acoustic engineering, the 9410 horns map a theater more consistently and accurately than ever before possible. Integral to the design is a wave shaping vane which distributes acoustic energy in proper proportion to the room. This technique provides a wavefront that is sculpted to the room geometry and provides very precise mapping capability. This shaping also allows the loudspeaker to orient to the wall naturally while directing the acoustic energy to the seats.

Adaptive Installation: JBL engineers found that a slight angle in the positioning of the surrounds makes a dramatic difference in how they present themselves to the audience. This is particularly true in stadium seating geometry where the surrounds slope downward with the seating, and yet their horizontal patterns do not. This creates 'hot spots' in the coverage for those rows just above each surround. By mounting the surrounds at a 15° angle toward the screen, the hot spots are eliminated, the overall coverage maps are dramatically improved, and those seats in close proximity to a surround have a much improved experience. The 9400 Series loudspeakers provide three uniquely-designed mounting planes to help realize the 15° screen-bound installation.

By being constantly passionate and innovative, JBL always brings the theater and the audience the best experience they could even image.

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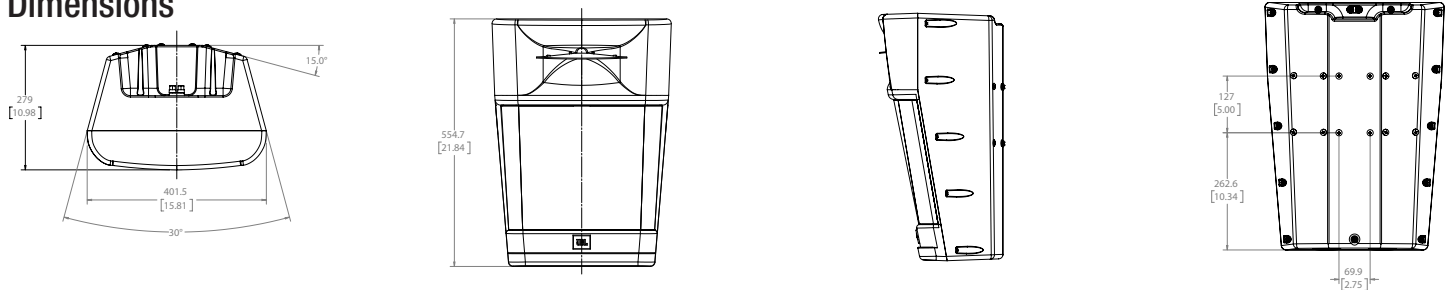
Specifications

System		Transducers	
System Type:	10", 2-way, bass-reflex	Low Frequency:	1× 610H
Frequency Range (-10 dB):	60 Hz – 20 kHz (4π)	High Frequency:	1× 2414H-1
Frequency Range (±3 dB):	80 Hz – 18 kHz (4π)	Enclosure	
Coverage Pattern :	110° × 60° (H×V)	Enclosure:	Textured black HIPS
Power Rating: (continuous / program / peak)	250W / 500W / 1000 W (IEC Pink Noise, 6dB CF, 2hrs)	Grille:	HIPS, covered with black cloth
Sensitivity:	96 dB (1W@1m)	Input Connector:	Binding posts
Maximum dB SPL(@1m) :	120 dB continuous (126 dB peak)	Dimensions (H x W x D):	22.0" x 16.1" x 11.0" (559 x 410 x 279 mm)
Rated Impedance:	8 Ohms	Net Weight:	19.4 lbs (8.8 kg)
Polarity:	EIA		

Surround Amplifier Recommendations

9400		
Good Solution	Number of Speakers/Channel	Amplifier
	1	XLC 2500
	2-4	XLC 2800
Better Solution	Number of Speakers/Channel	Amplifier
	1-3	DSI 1000
	4	DSI 2000
Best or Immersive Solution	Number of Speakers/Channel	Amplifier
	1	DCi I300
	2	DCi I600
	3	DCi I1250
	4	DCi I1250

Dimensions



Dimensions in mm [inches]