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.
Specifications

System
- System Type: 10”, 2-way, bass-reflex
- Frequency Range (-10 dB): 60 Hz – 20 kHz (4π)
- Frequency Range (±3 dB): 80 Hz – 18 kHz (4π)
- Coverage Pattern: 110° × 60° (H×V)
- Power Rating: 250W / 500W / 1000 W (IEC Pink Noise, 6dB CF, 2hrs)
- Sensitivity: 96 dB (1W@1m)
- Maximum dB SPL(@1m): 120 dB continuous (126 dB peak)
- Rated Impedance: 8 Ohms
- Polarity: EIA

Transducers
- Low Frequency: 1× 610H
- High Frequency: 1× 2414H-1

Enclosure
- Enclosure: Textured black HIPS
- Grille: HIPS, covered with black cloth
- Input Connector: Binding posts
- Dimensions (H x W x D): 22.0” x 16.1” x 11.0” (559 x 410 x 279 mm)
- Net Weight: 19.4 lbs (8.8 kg)

Surround Amplifier Recommendations

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<th>Amplifier</th>
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Dimensions

Dimensions in mm [inches]