

JBL

8333 High Power Cinema Surround System

Professional Series

Key Features:

- ▶ Frequency Range: 45 Hz to 18 kHz
- ▶ Sensitivity: 93 dB 1 watt, 1 meter (3.3 ft)
- ▶ Power Capacity: 150 watt, IEC Rating
- ▶ Components:
 - Dual 200 mm (8 in) low frequency loudspeakers
 - 25 mm (1 in) compression driver/horn high frequency system
- ▶ Identical enclosure to the successful 8330 allowing simple installation into existing systems
- ▶ In-cabinet mounting hardware accepts Omnimount® or wall brackets for fast installation
- ▶ Unique controlled vertical response pattern reduces localization of loudspeakers providing a more diffuse surround field

The JBL 8333 High Power Cinema Surround System offers high power handling, high sensitivity and extended bass response in an extremely compact enclosure. The two-way 8333 incorporates the proven reliability and performance features found in the industry standard JBL 8330 Surround Loudspeaker System and is designed to accurately reproduce the extended dynamic range and frequency response characteristics required by digital sound formats.

The 8333 employs two 200 mm (8 in) low frequency transducers, extending the frequency response down to 45 Hz. The high frequency section incorporates a 25 mm (1 in) compression driver/horn combination capable of very high output power.

The 8333 utilizes a unique high frequency pattern control which narrows the coverage pattern in the vertical plane reducing "localization" of the surround loudspeaker directly above a listener seated close to a wall. The listener's attention is then drawn towards the adjacent loudspeakers providing a more diffuse surround field. This ensures that every theatre patron experiences the full impact of Dolby cinema surround, not just those seated in the "sweet spot."



Specifications:

SYSTEM:	
Frequency Range (-10 dB):	45 Hz - 18 kHz
Power Rating ¹ :	150 W continuous pink noise
Sensitivity:	93 dB, 1 W (2.0 V), 1 m (3.3 ft)
Nominal Impedance:	4 ohms
Crossover Frequency:	3 kHz
LOW FREQUENCY LOUDSPEAKER:	
Nominal Diameter:	200 mm (8 in)
Voice Coil Diameter:	38 mm (1½ in)
HF COMPRESSION DRIVER/HORN:	
Nominal Diameter:	22 mm (¾ in)
Voice Coil Diameter:	25 mm (1 in)
GENERAL:	
Finish:	Black vinyl
Grille Color:	Dark Grey
Input Terminations:	Dual five-way binding posts
Dimensions:	494 mm x 481 mm x 257 mm
H x W x D	(19 ⁷ / ₁₆ in x 18 ⁵ / ₁₆ in x 10 ¹ / ₈ in)
System Net Weight:	14.9 kg (33 lb)

¹Rating based on test signal of filtered random noise conforming to international standard IEC 268-5, two hours duration.

JBL continually engages in research related to product improvement. New 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.

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The enclosure is identical to the JBL 8330 and features in-cabinet mounting hardware which accepts Omnimount® or other wall brackets for quick, convenient installation and can be easily retrofitted into existing installations. The special cabinet shape incorporates a 15° downward-angled front baffle eliminating the need for angling the loudspeakers in typical cinemas. The input terminals are located on the top of the cabinet for quick access and easy installation.



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