SPECSHEET

3733

Three-Way Bi-Amplified ScreenArray® Cinema Loudspeakers

Key Features:

- Three-way ScreenArray® design for maximum output, optimal coverage and minimum distortion
- Dual Dissimilar Arraying technology to improve high frequency coverage in rooms with raked seating
- JBL 2415-XP next-generation high frequency compression driver
- Advanced waveguide design for improved frequency response and higher output with lower distortion
- Used in conjunction with CRF2 reflector horns, which are used to reflect high frequency content off a solid screen
- Includes the same HF driver as the CRF2 to maintain tonal quality
- Supports bi-amp configuration only





Front



Rear

Description:

For critical sound reproduction in cinemas utilizing a solid screen. The 3733 uses the 4739 LF for increased low frequency output. The M/HF utilizes Dual Dissimilar Arraying technology to optimize the coverage pattern for rooms with raked seating. In addition, the horn design improves the frequency response and lowers distortion at higher output levels. The 2415-XP high frequency drivers represent JBL's latest HF compression driver, designed to achieve higher output with lower harmonic distortion.

Specifications:

System	
Frequency Response (-3 dB)	40Hz – 19kHz
System Input Power Handling	LF: 800 W, M/HF: 300 W
Horizontal Coverage Angle (-6dB)	100°
Vertical Coverage Angle (-6dB)	Asymetrical with Dual Dissimilar Arraying
Net Weight	71.8 kg (158 lb)
Shipping Weight	86.7 kg (191 lb)
Dimension (H x W x D)	1000 mm x 1648 mm x 450 mm (39.37 in x 64.88 in x 17.75 in)
LF Component Electronics – Model 4739	
Low Frequency Transducers	2 x 265H-2, 380mm (15 in dia.), Differential Drive® edgewood ribbon voice coil transducers mounted in 4509 enclosure
Nominal Impedance	4 ohms
Input Power Handling	800 W, 1200 W recommended amplifier
Free-Field Sensitivity	104 dB, 2.83V @ 1m (3.3 ft)
Dimensions (H x W x D)	883 mm x 762 mm x 450 mm (34.75 in x 30 in x 17.75 in)
Net Weight	48.6 kg (107 lb)
Shipping Weight	55.4 kg (122 lb)

M/HF Component Electronics – Model 3733 M/HF	
Mid Frequency Transducers	2 x 165H, 165 mm (6.5 in) diameter, 38 mm (1.5 in) voice coil
High Frequency Transducers	2 x 2415-XP, Dual Dissimilar Arraying configuration
Nominal Impedance	12 ohms
Minimum Impedance	10.2 ohms @ 12 kHz
Free-Field Sensitivity	104 dB, 2.83 V @ 1m (3.3 ft)
Input Power Handling (AES 100-Hour Rating)	150 W (39.1 V)
Input Power Handling (AES 2-Hour Rating)	200 W (45.2 V)
Dimensions (H x W x D)	1000 mm x 762 mm x 450 mm (39.37 in x 30 in x 17.75 in)
Net Weight	23.2 kg (51 lb)
Shipping Weight	31.3 kg (69 lb)

Specifications are stated in free-field (4pi) conditions.

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