

# 5732

## Tri-Amplified, High Power, Low Profile ScreenArray® Cinema Loudspeaker System



### Key Features:

- Three-way ScreenArray® design for maximum output, optimal coverage and minimum distortion
- 700-watt midrange featuring two 8" Differential Drive® transducers
- Large format 4" neodymium, damped titanium diaphragm, high-frequency compression driver
- 1200-watt low-frequency section with two 15" vented gap cooled low-frequency transducers
- Molded Optimized Aperture Waveguide technology for ultra-low distortion and extremely uniform frequency response
- JBL patented SSC™ Screen Spreading Compensation
- Focused coverage technology
- Flat front waveguide design for easy baffle wall installation
- Shallow 18" profile for minimum behind-screen depth requirements

### Description:

Today's premier cinemas require perfect coverage in every seat of the auditorium, wide dynamic range and extended bandwidth, as well as inaudible levels of distortion. Digital soundtracks require sound systems for premier auditoriums that can accurately reproduce the sound exactly as recorded. Designed for high power critical sound reproduction in premier cinemas, studio production and post production applications, the 5732 high power ScreenArray features true three-way design, enhanced by advanced engineering. JBL's latest technical innovations are integrated into a system design that provides superior coverage, maximum power handling and uniform acoustic power output, along with extremely low distortion. The ScreenArray design provides ideal power response and directivity control with seamless transitions between acoustic sections. Manufactured and sold under US Patents: 6466680, 6513622, 5748760 and 5042072.



### Specifications:

System	
Frequency Range (-10 dB)	30 Hz – 20 kHz
Frequency Response (±3 dB)	40 Hz – 19 kHz
Rated Maximum SPL	128 dB SPL continuous @ 1m, 134 dB Peak
System Input Power Handling	LF: 1200 W, MF: 700 W, HF: 150 W
Hor. Coverage Angle (-6 dB)	90°
Vert. Coverage Angle (-6 dB)	20° up, 30° down
Crossover Frequencies <sup>1</sup>	250 Hz, 1.3 kHz
Dimensions (H x W x D)	1937 mm x 762 mm x 450 mm (76.3 in x 30.0 in x 17.8 in)
Net Weight	86 kg (190 lb)
Shipping Weight	101 kg (223 lb)
LF Component Electronics – Model 5739	
Low Frequency Transducers	2 x 2226HPL, 380 mm (15 in) dia. Vented Gap Cooled™ (VGC), 100 mm (4 in) dia. edgewound ribbon voice coils
Nominal Impedance	4 ohms
Minimum Impedance	3.5 ohms @ 40Hz
Input Power Handling (AES 2-Hour Rating)	1200 W
Free-Field Sensitivity	103 dB SPL, 2.83 V @ 1m (3.3 ft)
Input Connectors	Push terminal binding posts
Dimensions (H x W x D)	1219 mm x 762 mm x 450 mm (48.0 in x 30.0 in x 17.8 in)
Net Weight	64 kg (142 lb)
Shipping Weight	79 kg (175 lb)

M/HF Component Electronics – Model 5732-M/HF	
Mid Frequency Transducers	2 x 2169H, 200 mm (8 in) dia. Differential Drive® neodymium magnet, 76 mm (3 in) dual-coil edgewound ribbon voice coil
High Frequency Transducer	2452H-SL 38 mm (1.5 in) exit compression driver with 100 mm (4 in) diameter voice coil and neodymium magnet
Nominal Impedance	MF: 4 ohms HF: 8 ohms
Minimum Impedance	MF: 4 ohms @ 1050 Hz HF: 8 ohms @ 4 kHz
Input Power Handling (AES 2-Hour Rating)	MF: 700 W HF: 150 W
Free-Field Sensitivity	MF: 110 dB SPL, 2.83 V @ 1m (3.3 ft) HF: 115 dB SPL, 2.83 V @ 1m (3.3 ft)
Input Connectors	Screw terminal barrier strip
Dimensions (H x W x D)	1054 mm x 762 mm x 450 mm (41.5 in x 30.0 in x 17.8 in)
Net Weight	21.6 kg (48 lb)
Shipping Weight	29.7 kg (63 lb)

<sup>1</sup>JBL factory-engineered three-channel Digital Signal Processing (DSP) is required for this product to achieve specified performance.

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

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.

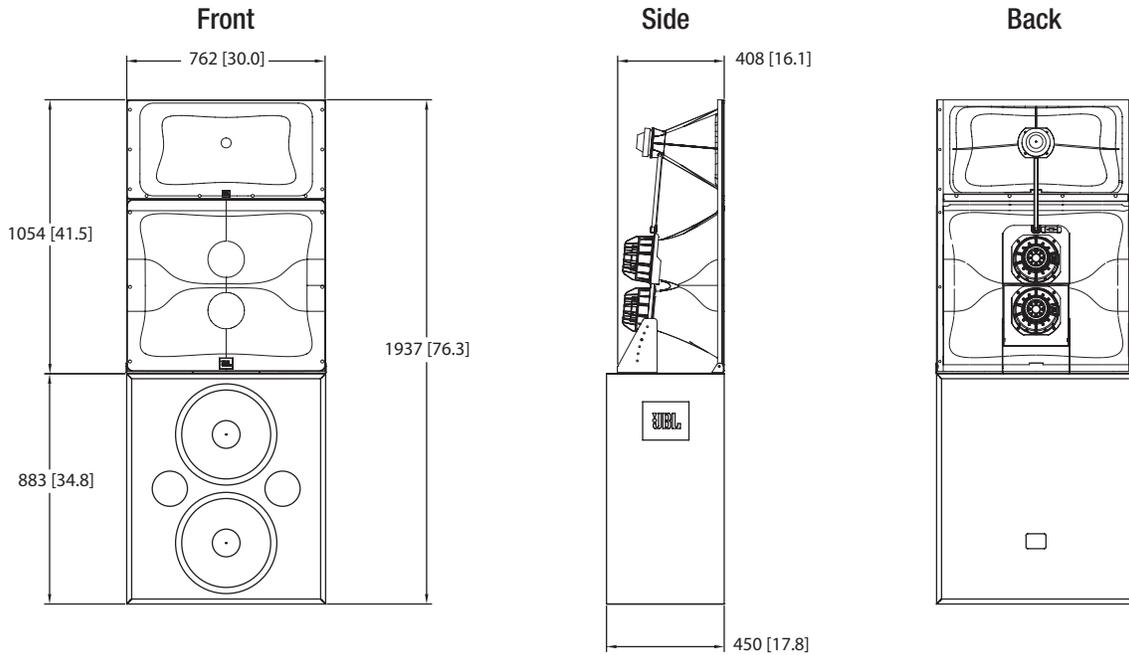
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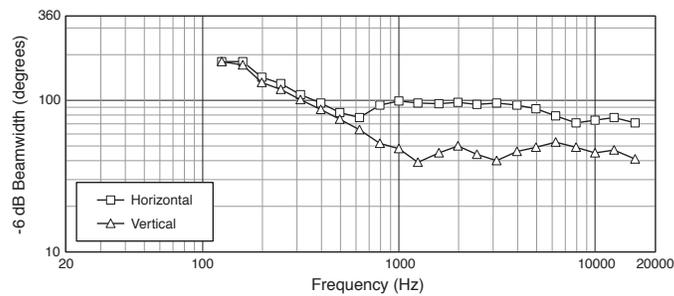
## Dimensions:

Dimensions in mm (in)



## Graphs:

Bandwidth vs. Frequency



Directivity Index and Directivity Factor

