

JBL4732
4732-TThree-Way Bi-Amplified
ScreenArray® Cinema Loudspeaker System
Three-Way Tri-Amplified
ScreenArray® Cinema Loudspeaker System**Professional Series****Application:**

For critical sound reproduction in medium to large cinemas and studio production and post production applications.

Key Features:

- ▶ Three-way ScreenArray® design for maximum output, optimal coverage, and minimum distortion.
- ▶ Available for Bi-amplified operation (model 4732) or Tri-amplified operation (model 4732-T)
- ▶ Large format 3" neodymium, titanium diaphragm, high frequency compression driver.
- ▶ Patented Differential Drive® 15" low frequency woofers for improved power handling and reduced distortion.
- ▶ New molded Optimized Aperture Waveguide technology for ultra low distortion and extremely uniform frequency response.
- ▶ SSC™ Screen spreading Compensation
- ▶ Focused Coverage Technology
- ▶ Flat Front Wave Guide design for easy baffle wall installation
- ▶ Shallow profile for minimum behind screen depth requirements.

Today's 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, especially those tracks associated with the new digital cinema requirements, require sound systems for premier auditoriums that can accurately reproduce the sound exactly as recorded.

The 4732 next generation 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.

**Specifications:****System:** [4732-T Specifications in Brackets]

Frequency Range:	30 Hz - 20 kHz
Frequency Response (± 3 dB):	40 Hz - 19 kHz
System Sensitivity:	107 dB, 2.83V @ 1m (3.3 ft)
Rated Maximum SPL:	130 dB @ 1m (3.3 ft), 136 dB peak
System Input Power Rating:	LF: 800 watts, M/HF: 200 watts [HF: 85 watts]
Hor. Coverage Angle (-6 dB):	90°
Vert. Coverage Angle (-6 dB):	20° up, 30° down
Directivity Factor (Q):	10.0
Directivity Index (DI):	10 dB
Crossover Frequencies:	250 Hz, [1.2 kHz]
Dimensions (HxWxD):	2427 mm x 762 mm x 450 mm (95.6 in x 30 in x 17.75 in)
Net Weight:	84.4 kg (186 lb)
Shipping Weight:	103.5 kg (228 lb)

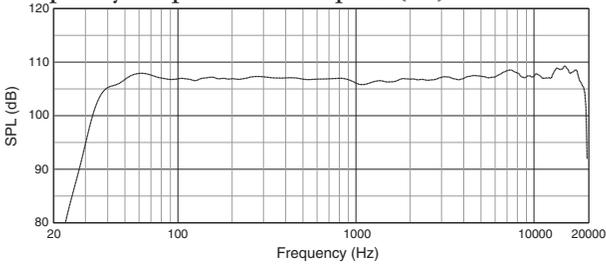
Component Elements:

Model 4739 Low Frequency:	2 x 265H-2; 380 mm (15 in) dia., Differential Drive® edgewound ribbon voice coil transducers mounted in 4509 LF enclosure
Nominal Impedance:	4 ohms
Input Power Rating:	800 watts AES; 1200 watts recommended amplifier
Sensitivity:	104 dB SPL, 2.83V @ 1 m (3.3 ft)
Input Connectors:	Push terminal binding posts
Dimensions (HxWxD):	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)
Model 4732-M/HF	Nominal Impedance: 4 ohms [HF: 8 ohms]
Input Power Rating:	200 watts AES; 400 watts recommended amplifier [MF: 200 watts AES; 400 watts recommended amplifier] [HF: 85 watts AES; 200 watts recommended amplifier]
Sensitivity:	107 dB SPL, 2.83V @ 1 m (3.3 ft) [MF: 109 dB SPL, 2.83V @ 1 m (3.3 ft)] [HF: 115 dB SPL, 2.83V @ 1 m (3.3 ft)]
Input Connectors:	Screw terminal barrier strip
Mid Frequency:	4 x 165H; 165 mm (6.5 in) dia., 38 mm (1.5 in) voice coil
High Frequency:	2432H; 75 mm (3 in) titanium diaphragm and voice coil dia., 38 mm (1.5 in) exit diameter
Dimensions (HxWxD):	1544 mm x 762 mm x 450 mm Ships fully assembled (60.8 in. x 30 in. x 17.75 in.)
Net Weight:	35.4 kg (78 lb)
Shipping Weight:	47.7 kg (105 lb)

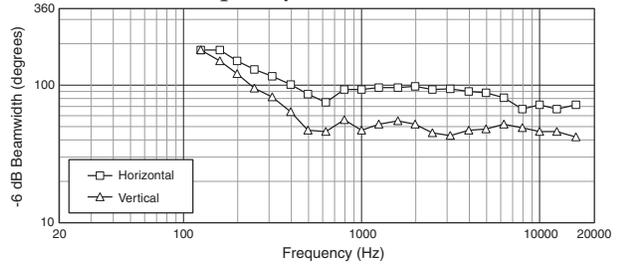
JBL continually engages in research related to product improvement. Some materials, production methods and design refinements are introduced into existing products without notice as a routine expression of that philosophy. For this reason, any current JBL product may differ in some respect from its published description, but will always equal or exceed the original design specifications unless otherwise stated.

▶ 4732/4732-T ScreenArray® Three-Way Cinema Loudspeaker Systems

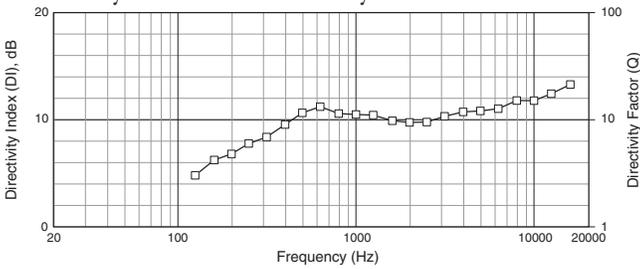
Frequency Response in half-space (2π)



Bandwidth vs. Frequency

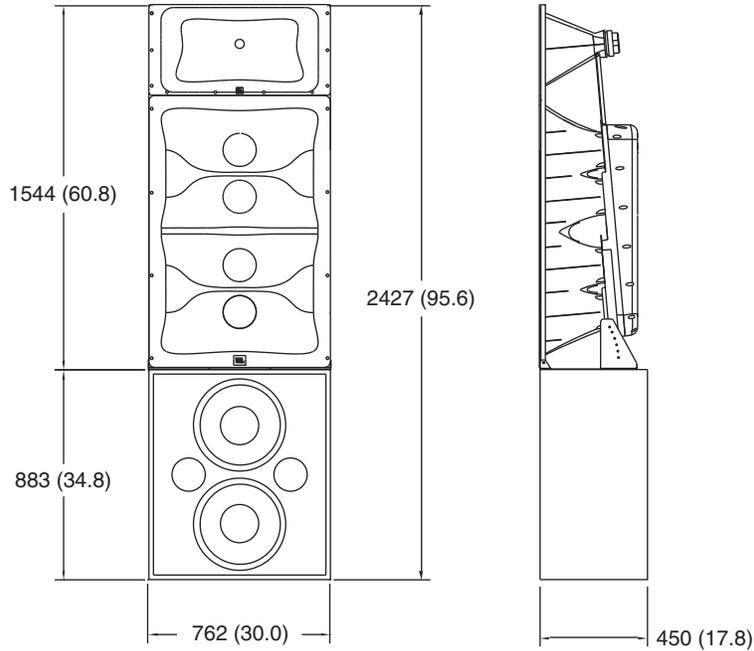


Directivity Index and Directivity Factor



Dimensions

Dimensions in mm (in)



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