

# 3732 / 3732-T

Three-Way Bi-Amplified / Three-Way Tri-Amplified ScreenArray® Cinema Loudspeaker System  
Professional Series



## Key Features:

- Three-way ScreenArray® design for maximum output, optimal coverage and minimum distortion
- Available for bi-amplified operation (model 3732) or tri-amplified operation (model 3732-T)
- Large format 3" neodymium, titanium diaphragm, high frequency compression driver
- Mid/high section ships fully assembled
- 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



## Description:

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 3732 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 [3732-T Specifications in Brackets]	
Frequency Range	30 Hz – 20 kHz
Frequency Response (±3 dB)	40 Hz – 19 kHz
Hor. Coverage Angle (-6 dB)	90°
Vert. Coverage Angle (-6 dB)	20° up, 30° down
Crossover Frequencies	350 Hz, [1.2 kHz]
System Sensitivity	103 dB, 2.83V @ 1m (3.3 ft)
Rated Maximum SPL	125 dB @ 1m (3.3 ft), 131 dB peak
System Input Power Rating	LF: 500 watts, M/HF: 150 watts [HF: 85 watts]
Directivity Factor (Q)	10.0
Directivity Index (DI)	10 dB

Physical	
Net Weight	77.9 kg (172 lbs)
Shipping Weight	92.8 kg (205 lbs)
Dimensions (H x W x D)	1937 mm x 762 mm x 450 mm (76.3 in x 30 in x 17.75 in)

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## Component Electronics - 3739 Low Frequency Cabinet

Drivers	2 x M115-8A, 380 mm (15 in) diameter, 64 mm (2.5 in) edgewound ribbon voice coil transducers mounted in a 4509 LF enclosure
Input Connectors	Push terminal binding posts
Nominal Impedance	4 ohms
Input Power Rating	500 watts AES, 600 watts recommended amplifier
Sensitivity	104 dB SPL, 2.83V @ 1 m (3.3 ft)
Dimensions (H x W x D) Ships fully assembled	883 mm x 762 mm x 450 mm (34.75 in x 30 in x 17.75 in)
Net Weight	54.9 kg (121 lbs)
Shipping Weight	69.9 kg (154 lbs)

## Component Electronics 3732-M/HF

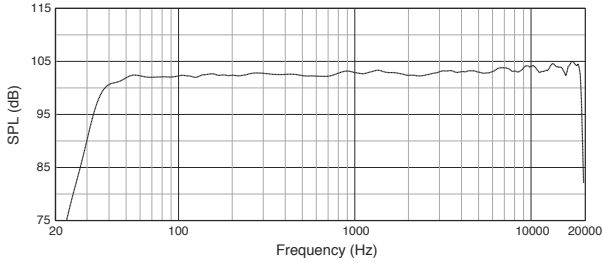
MF Drivers	2 x 165H, 165 mm (6.5 in) diameter, 38 mm (1.5 in) voice coil
HF Drivers	1 x 2432H, 75 mm (3 in) titanium diaphragm and voicecoil diameter, 38 mm (1.5 in) exit diameter
Input Connectors	Screw terminal barrier strip
Nominal Impedance	8 ohms MF: 12 ohms HF: 8 ohms
Sensitivity	103 dB SPL, 2.83V @ 1 m (3.3 ft) MF: 107 dB SPL, 2.83V @ 1 m (3.3 ft) HF: 115 dB SPL, 2.83V @ 1 m (3.3 ft)
Input Power Rating	150 watts AES, 300 watts recommended amplifier MF: 150 watts AES, 300 watts recommended amplifier HF: 85 watts AES, 200 watts recommended amplifier
Dimensions (H x W x D) Ships fully assembled	1054 mm x 762 mm x 450 mm (41.5 in x 30 in x 17.75 in)
Net Weight	23.2 kg (51 lbs)
Shipping Weight	31.3 kg (69 lbs)

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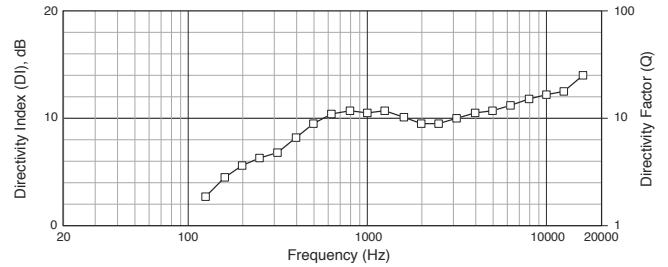
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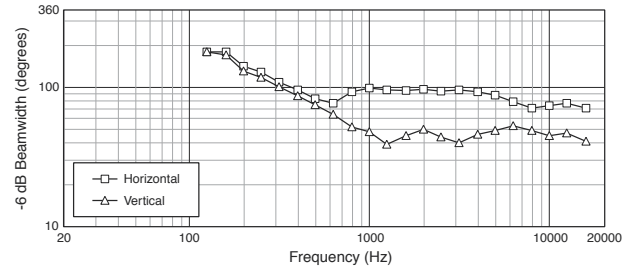
## Frequency Response in Half-Space (2π)



## Directivity Index and Directivity Factor



## Bandwidth vs. Frequency



## Dimensions

Dimensions in mm (in)

