

# Technical Manual



# JBL VT4880A

## SPECIFICATIONS

### ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance: 8 ohms Each Transducer
- Input Power Rating: 4000 W (AES), 16,000 W Peak
- Frequency Response: 29 Hz – 120 Hz (-3 dB)
- Frequency Range: 25 Hz – 160 Hz (-10 dB)
- Sensitivity: 95 db, 1 W, @ 1m (35-120 Hz)
- Max Peak Output: 142 dB @ 1m (half-space, grounded)  
136 dB @ 1m (half-space, suspended)
- Recommended Signal Processing: dbx Drive Rack, BSS FDS-366, Crown I-tech and other Digital Systems Controllers supported
- Recommended Bandpass: 26 Hz – 80 Hz

### SYSTEM COMPONENTS:

- Cabinet: Enclosure Assembly C4880
- Grille: 338792-001 (Foam Backed)
- Low Frequency Transducer: (2) 2269H, 460 mm (18 in) dia., 100 mm (4 in) Dual Coil, Differential Drive, Direct Cooled

### SYSTEM COMPONENTS: (CONT'D)

- Transducers Power: 2000 W cont / 8000 W peak (AES)
- Sensitivity: 1200 W cont / 4800 W peak (100 hrs)
- DC Resistance: 4.8 ohm ±10%
- Input Connector: 360952-001

### AURAL SWEEP TEST SPECIFICATIONS:

- A. System Aural Sweep Test: 10.0V Input, 10 Hz to 200 Hz
- B. L.F. Aural Sweep Test: 20.0V Input, 10 Hz to 300 Hz

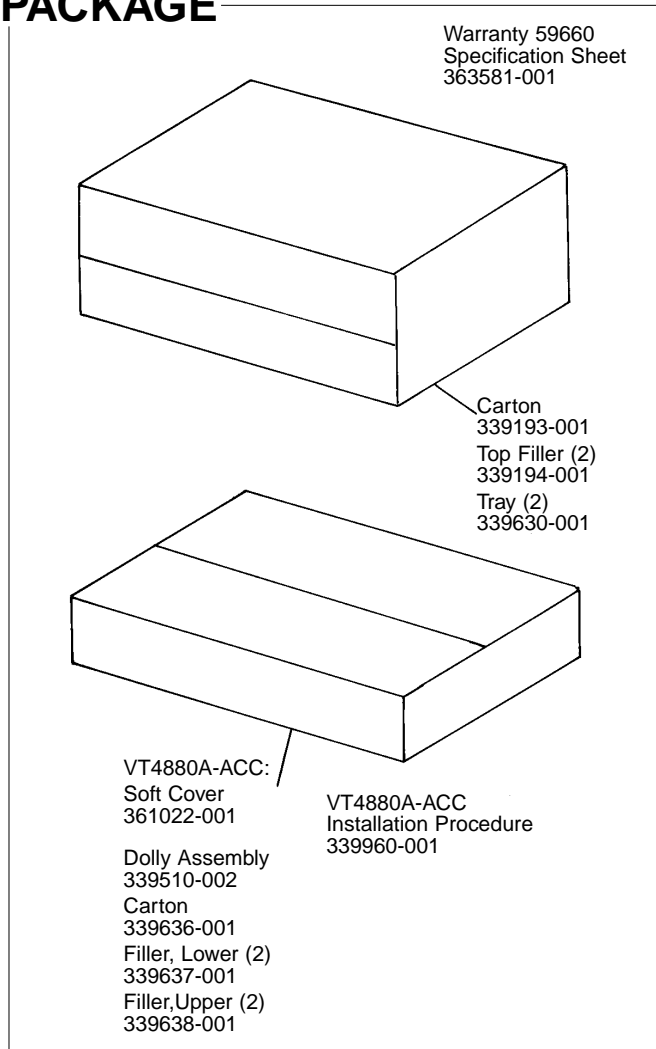
### PHYSICAL SPECIFICATIONS:

- Enclosure Dimensions: 493mm x 1229mm x 860mm D (19.42 x 48.38 x 33.85 in.D.)
- Shipping Weight: 185 lbs. (83.9 kg.)

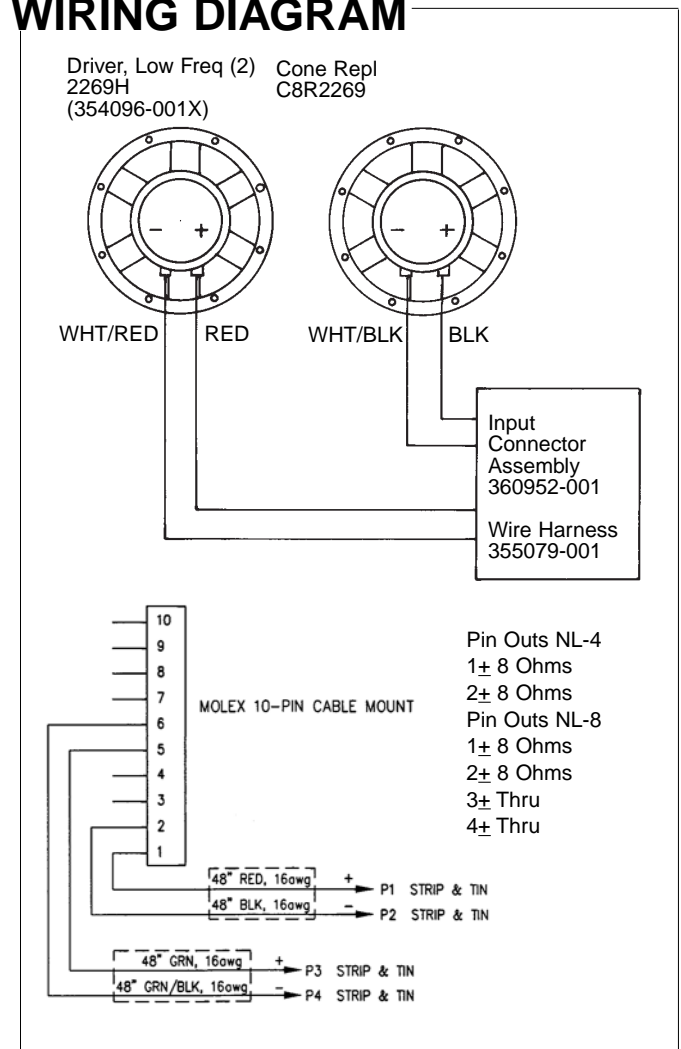
### WARRANTY INFORMATION:

- Refer to Warranty Statement packed with each product.

## PACKAGE



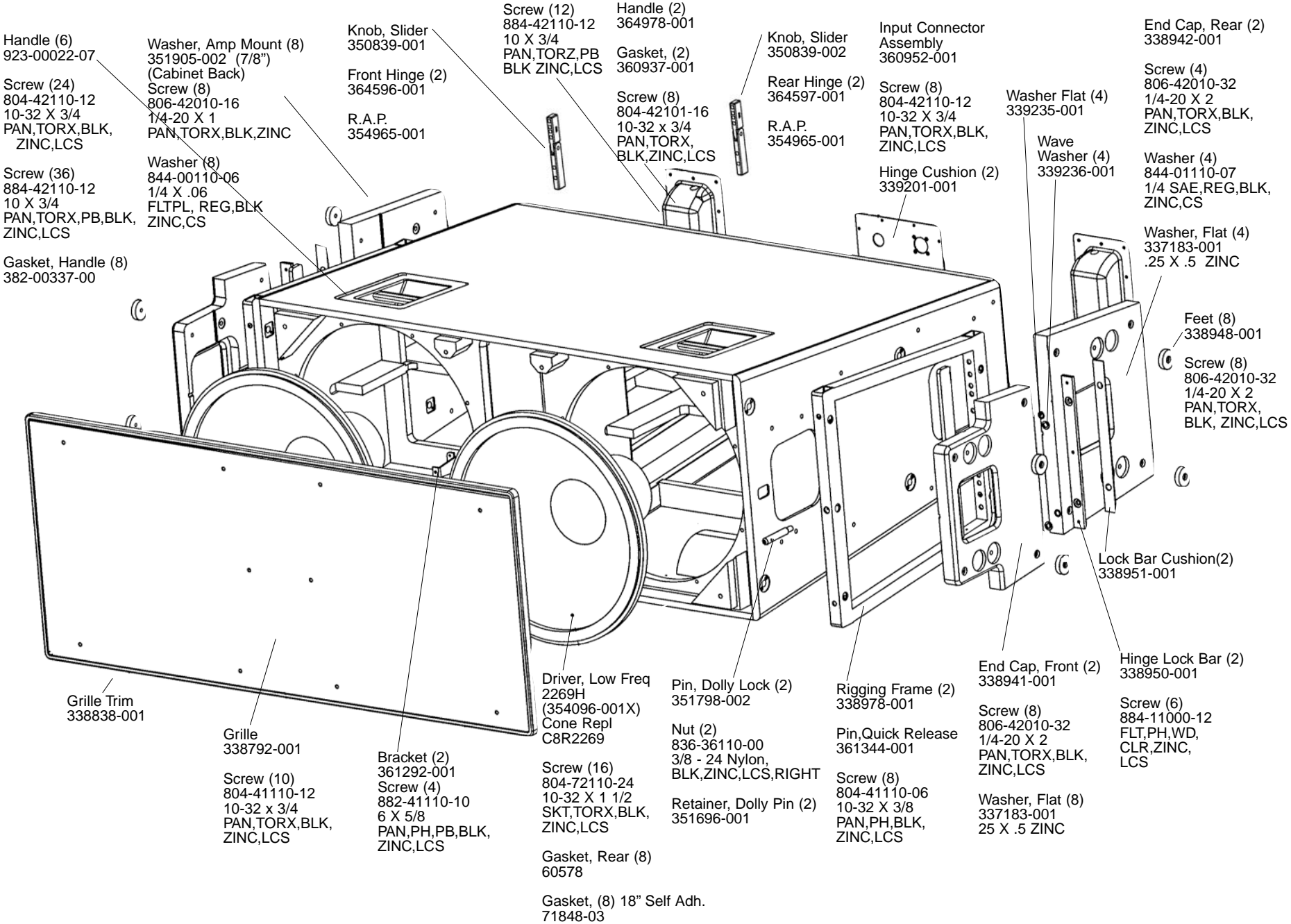
## WIRING DIAGRAM



JBL VT4880A REV K

# JBL VT4880A

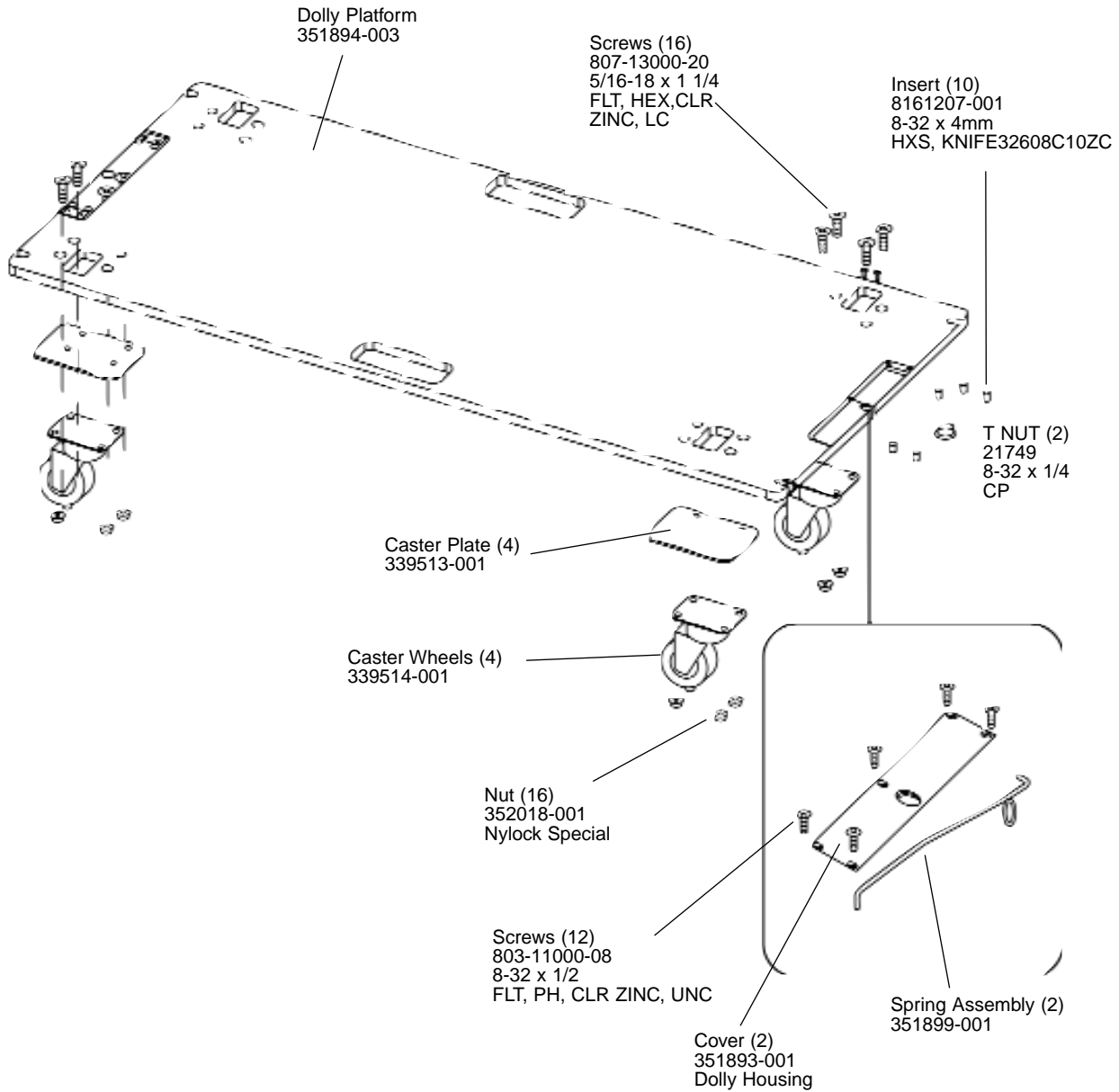
## COMPONENT EXPLODED VIEW



# JBL VT4880A-ACC

## DOLLY ASSEMBLY

339510-002

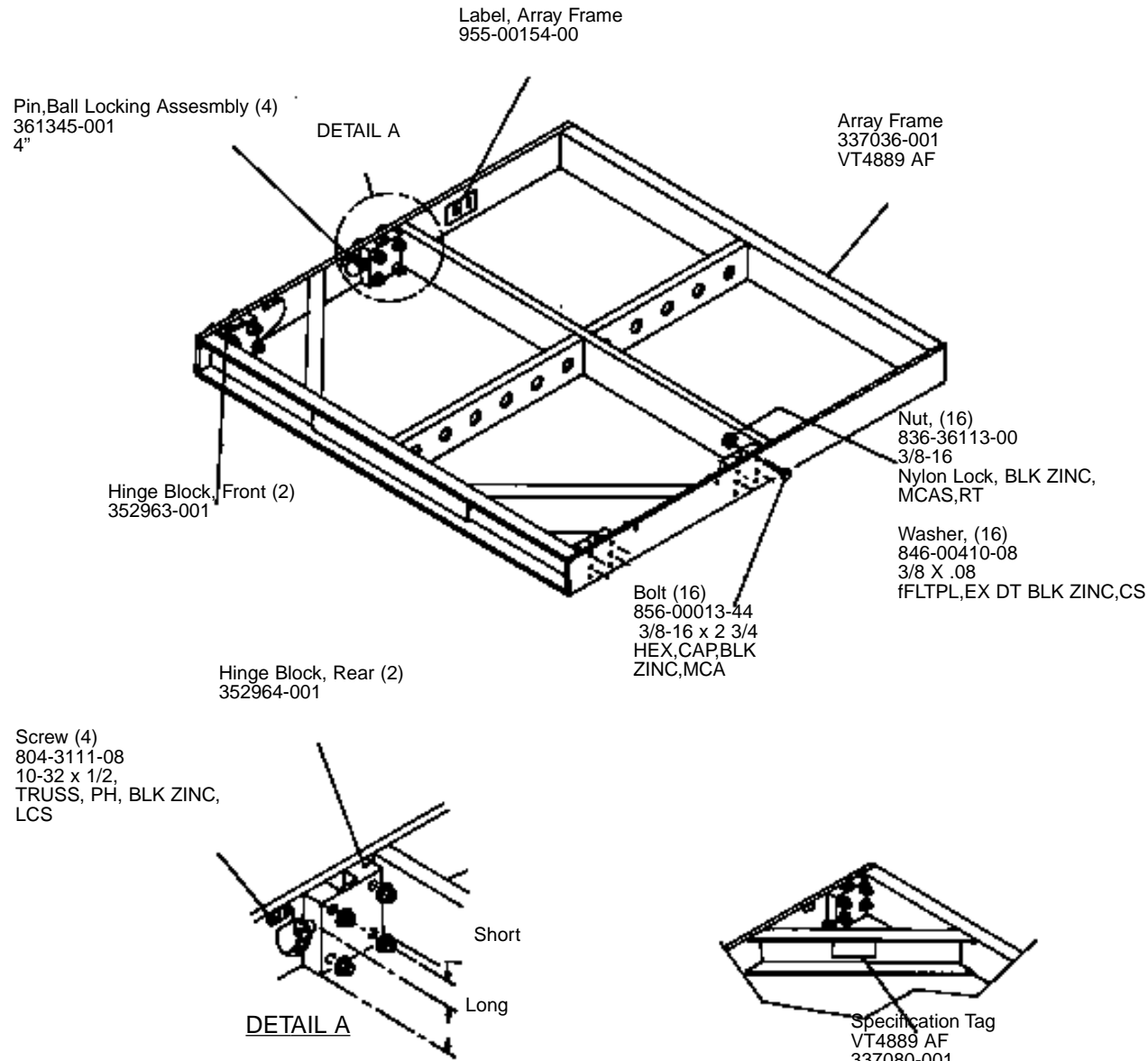


JBL VT4880A-ACC

# JBL VT4889-AF

ARRAY FRAME

JBL VT4889-AF



## VT4889-AF (Array Frame)

The VT4889-AF array suspension frame is crafted of 6061 Grade heat-treated aluminum. It includes 11 (eleven) attachment holes for fitting 6.5-ton shackles. Each of these holes is fitted with a bronze bushing for longer life. These holes are set on approximately 102mm (4") centers. Each hole has an I.D. (Inner Diameter) of 25.4mm (1").

The frame includes four receiver blocks, designed to attach Hinge Bars from the VT4889 enclosures. These blocks are made of 7075 Grade aluminum. They are coupled with Grade 8 bolts, and the attached steel quick release pins are secured with stainless steel restraining lanyards.

The VT4889-AF weighs 45 kilograms (100 lbs.) It measures approximately 1257mm x 1129mm x 102mm (49.5" x 44.45" x 4").

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336890-001

# JBL VT4889-SF

ARRAY FRAME (Short Frame)

## VT4889-SF (Short Frame)

Like the larger VT4889-AF, the Short Frame is crafted of 6061 Grade heat-treated aluminum. It includes 6 (six) attachment holes. Each hole is fitted with a bronze bushing for longer life. These holes are set on approximately 102mm (4") centers. Each hole has an I.D. (Inner Diameter) of 25.4mm (1"). The frame includes four receiver blocks, designed to attach Hinge Bars from the VT4889 enclosures. These blocks are made of 7075 Grade aluminum. They are coupled with Grade 8 bolts, and the attached steel quick release pins are secured with stainless steel restraining lanyards.

The VT4889-SF weighs only 23.6 kilograms (52 lbs.). It measures approximately 1257mm x 660mm x 102mm (49.5" x 26" x 4").

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JBL VT4889-SF

