

# Technical Manual

# JBL 3732-M/HF

## SPECIFICATIONS



### ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance: 8 Ohms  
MF: 12 ohms, HF: 8 ohms
- Input Power Rating: 150 watts AES; 300 watts recommended amplifier  
MF: 150 watts AES; 300 watts recommended amplifier  
HF: 50 watts AES; 200 watts recommended amplifier
- Frequency Response: 40 Hz to 16 kHz ( $\pm 3$  dB)
- Frequency Range: 30 Hz to 20 kHz
- System Sensitivity: 104 db SPL, 2.83V @ 1 m (3.3 ft)  
MF: 108 db SPL, 2.83V @ 1 m (3.3 ft)  
HF: 114 db SPL, 2.83V @ 1 m (3.3 ft)
- Crossover Frequencies: 350 Hz, (1.2 kHz)

### SYSTEM COMPONENTS:

- Mid Frequency Transducer: 2 x 165H; 165 mm (6.5 in) dia., 38 mm (1.5 in) voice coil

### SYSTEM COMPONENTS (CONT'D):

- DC Resistance: 5.2 ohm  $\pm 10\%$
- High Frequency Transducer: 2432H; 75 mm (3 in) titanium and voice coil dia., 38 mm (1.5) exit diameter
- DC Resistance: 4.00 ohm  $\pm 0.2\%$
- PCB Assembly: 365615-001

### AURAL SWEEP TEST SPECIFICATIONS:

- A. System Aural Sweep Test: 5.0V Input, 20 Hz to 20 kHz
- B. M.F. Aural Sweep Test: 5.0V Input, 10 Hz to 1 kHz
- C. H.F. Aural Sweep Test: 3.0V Input, 300 Hz to 1 kHz

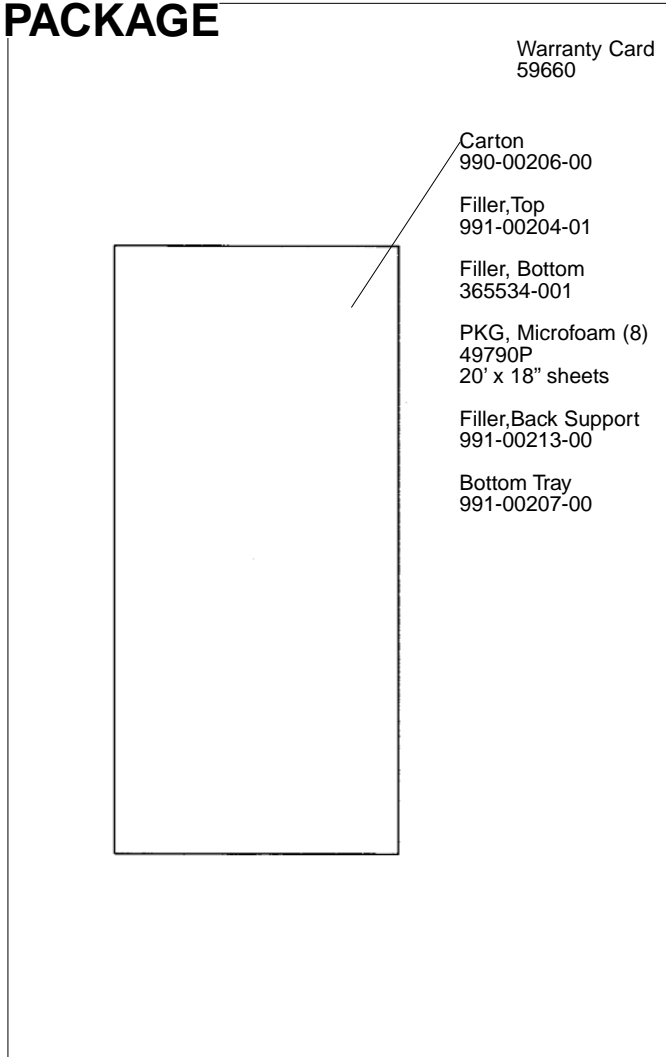
### PHYSICAL SPECIFICATIONS:

- Enclosure Dimensions: 1054 x 762 x 450 mm D (41.5 x 30. x 17.75 in. D)
- Net Weight: 53 lb (24.1 kg)
- Shipping Weight: 71 lb. (32.2 kg)

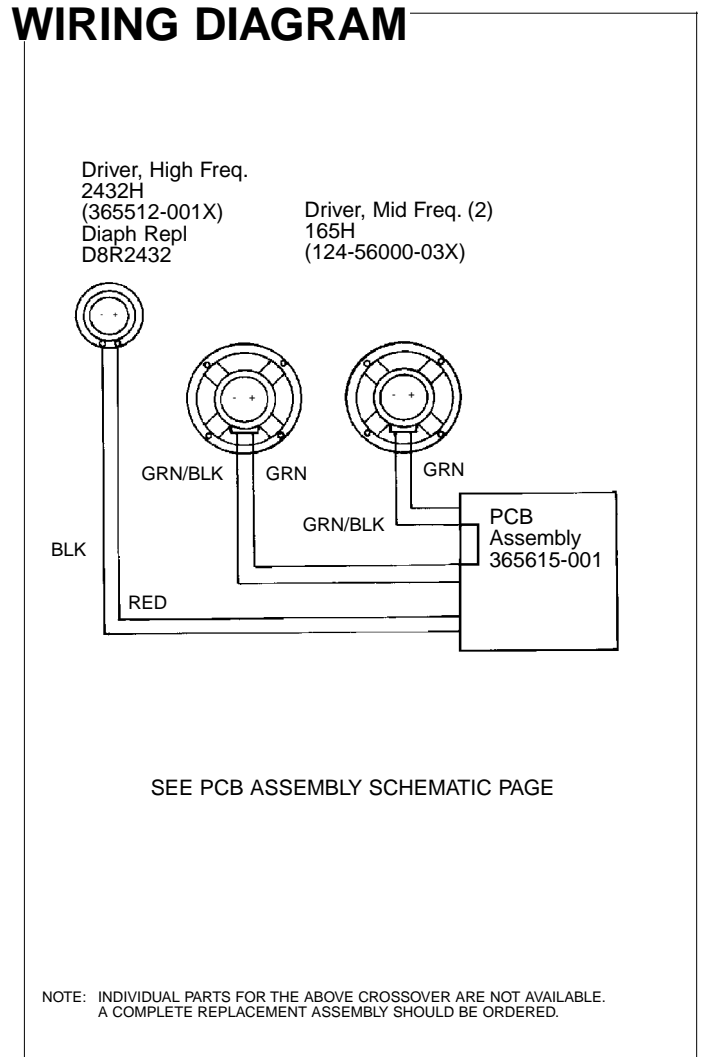
### WARRANTY INFORMATION:

- Refer to Warranty Statement packed with each product.

## PACKAGE

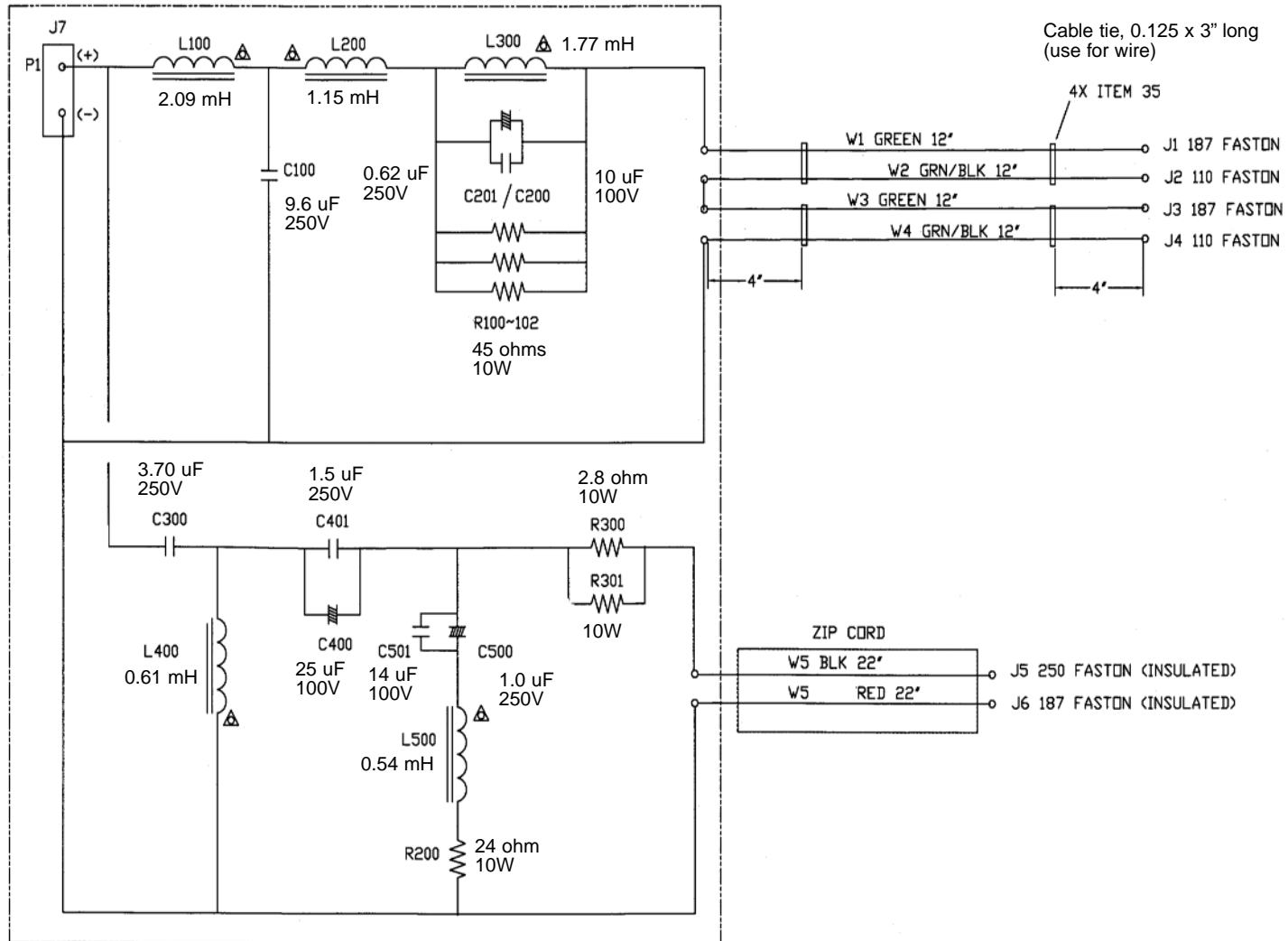


## WIRING DIAGRAM



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SCHEMATIC (365615-001)

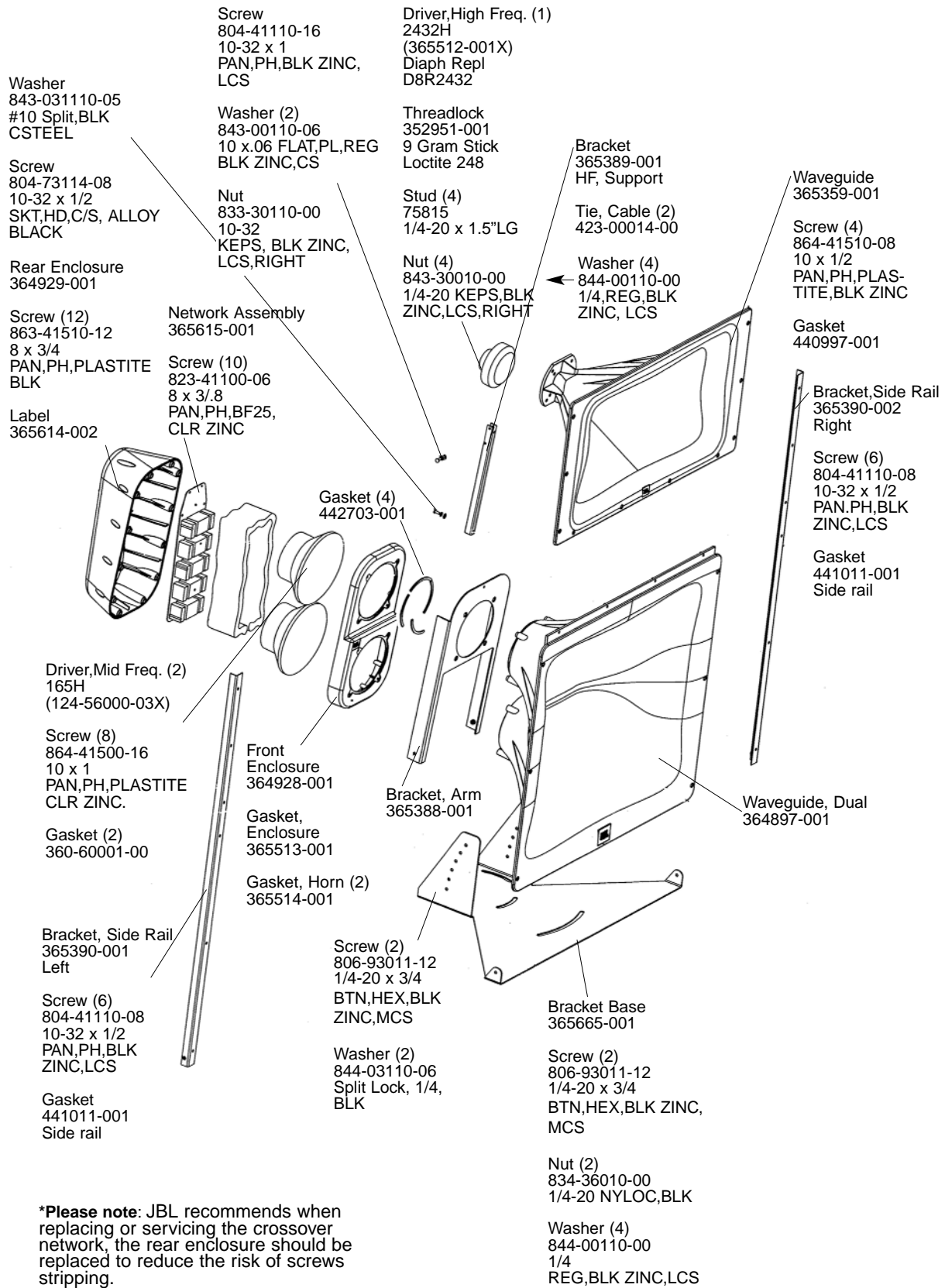


Individual Parts for the above crossover are not available.  
A complete replacement assembly should be ordered.

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## COMPONENT EXPLODED VIEW



**\*Please note:** JBL recommends when replacing or servicing the crossover network, the rear enclosure should be replaced to reduce the risk of screws stripping.