JBL Incorporated, 8500 Balboa Boulevard, P.O. Box 2200, Northridge, California 91329 U.S.A.

# Technical Manual

# JBL2451H/J

## SPECIFICATIONS

**ACOUSTIC & ELECTRICAL SPECIFICATIONS:**

- Nominal Impedance: 8 ohm (H), 16 ohm (J)
- Power Capacity: 100W Continuous Program Above 500 Hz
  150W Continuous Program Above 1 kHz
- Frequency Range: 500 Hz or Higher, 12 dB Octave Min.
- Sensitivity: 111 dB SPL*, 1W @ 1m On-Axis On Horn
  118 dB SPL*, 1mW On Plane Wave Tube
- Crossover Frequencies: N/A

**SYSTEM COMPONENTS:**

- Cabinet: N/A
- Grille: N/A

*1 Watt (2.83 V RMS) @ 1 Meter (H)
*1 Watt (4.0 V RMS) @ 1 Meter (J)

**SYSTEM COMPONENTS:** *(cont'd)*

- High Frequency Transducer: 38mm (1-1/2 in. Exit) Pure Titanium Diaphragm (2451H/J)
- DC Resistance: 4.1 ohm ±8% Aluminum Wire (H)
  8.0 ohm ±8% Aluminum Wire (J)

**AURAL SWEEP TEST SPECIFICATIONS:**

- H.F. Aural Sweep Test: 2.83V Input, 100 Hz to 1.0kHz (H)
  4.0V Input, 100 Hz to 1.0kHz (J)

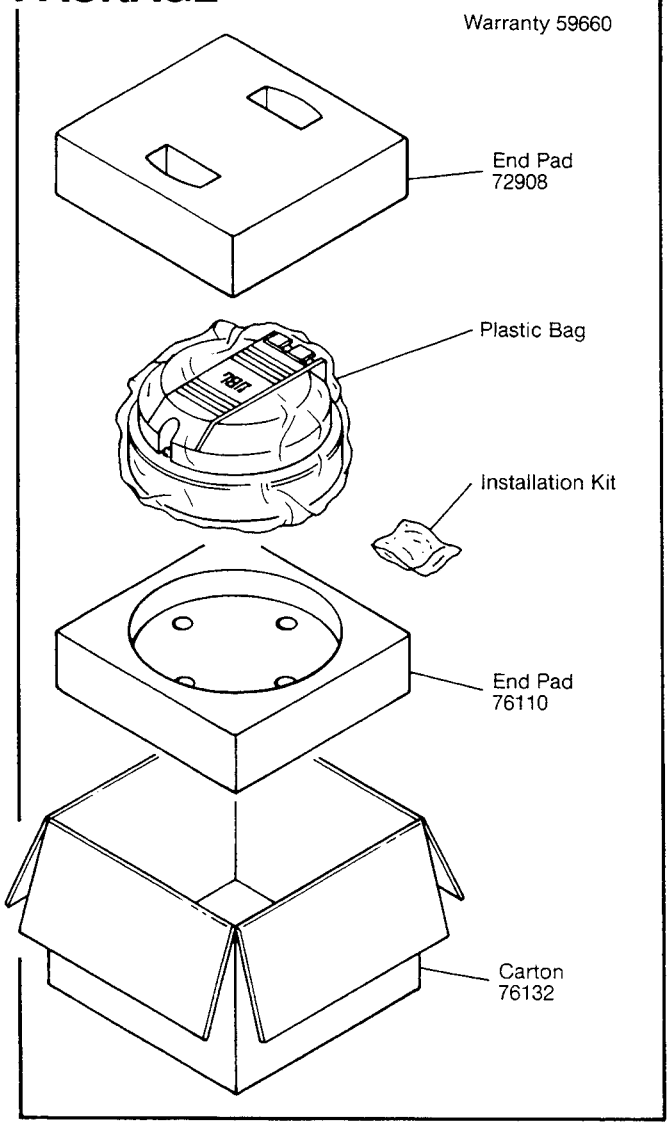
**PHYSICAL SPECIFICATIONS:**

- Dimensions: 165mm DIA x 95mm D (6.5 DIA x 3.75 in. D)
- Neodymium Magnet
- Shipping Weight: 10 lbs. (4.5 kg.)

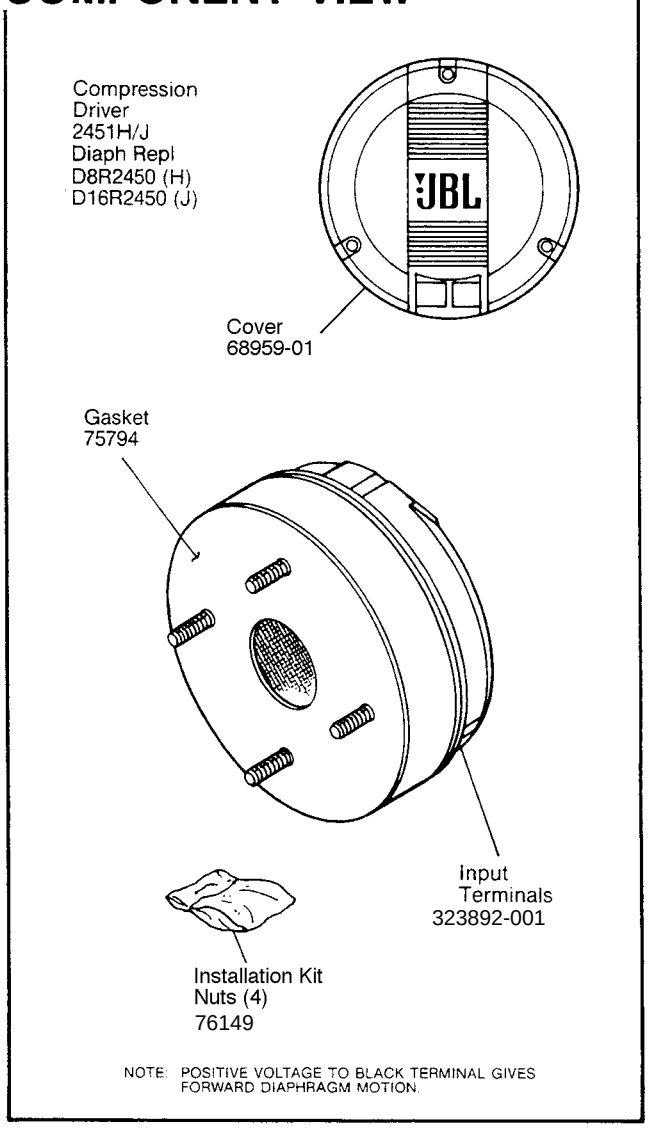
**WARRANTY INFORMATION:**

- Refer to the Warranty Statement packed with each product.

## PACKAGE




## COMPONENT VIEW



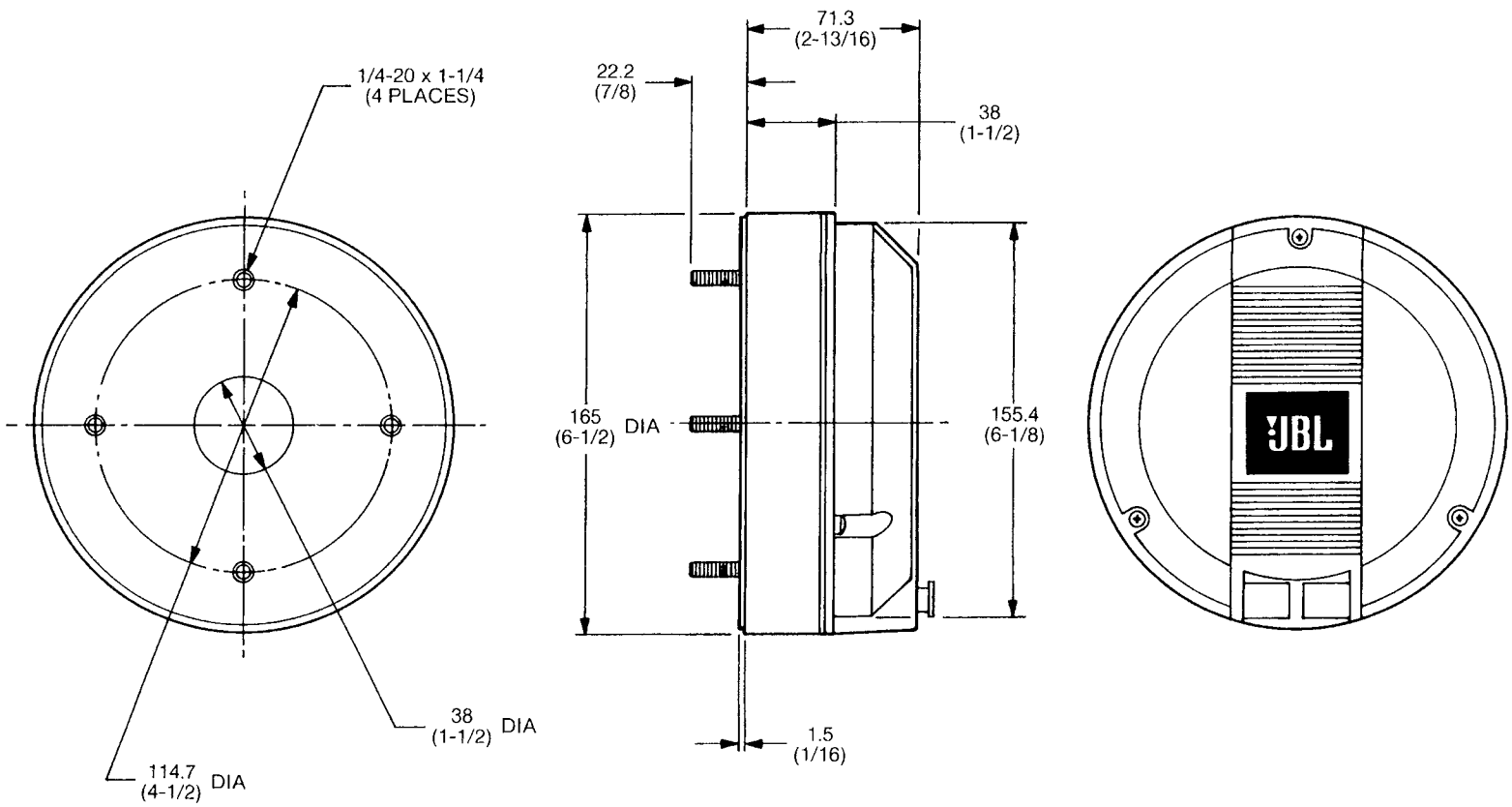

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## MECHANICAL DRAWING




ALL DIMENSIONS ARE REF. ONLY

NOTE: DIMENSIONS IN ( ) ARE IN INCHES