

## Technical Manual

# JBL4425 L,R

## STUDIO MONITOR

### SPECIFICATIONS

**ACOUSTIC & ELECTRICAL SPECIFICATIONS:**

- Nominal Impedance: 8 ohm
- Power Rating: 200W, Pink Noise
- Frequency Response: 45 Hz to 15 kHz ( $\pm 3$  dB)
- Sensitivity: 90 dB SPL\*
- Crossover Frequencies: 1.2 kHz

**SYSTEM COMPONENTS:**

- Cabinet: C4425
- Grille: 65917
- Low Frequency Transducer: 300mm (12 in.) Cone Transducer (2214H)
- DC Resistance: 5.7 ohm  $\pm 10\%$  — Copper Wire

\*1 Watt (2.83 V RMS) @ 1 Meter

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

- High Frequency Transducer: 56mm (1 in.) Pure Titanium Compression Driver (2416H-1)
- DC Resistance: 3.2 ohm  $\pm 8\%$  — Aluminum Wire
- Crossover Network: 65934-0060 2 Way System

**AURAL SWEEP TEST SPECIFICATIONS:**

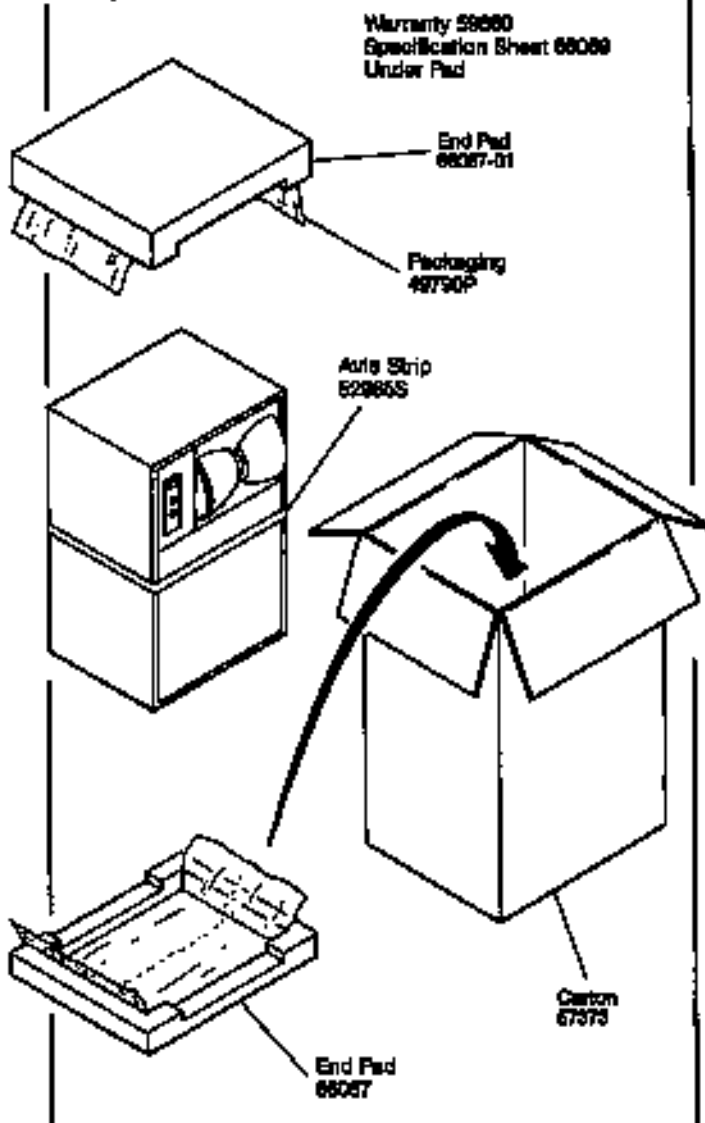
- A. System Aural Sweep Test: 7.0V Input, 20 Hz to 20 kHz
- B. L.F. Aural Sweep Test: 7.0V Input, 20 Hz to 1.2 kHz
- C. H.F. Aural Sweep Test: 2.83V Input, 560 Hz to 1.2 kHz

**PHYSICAL SPECIFICATIONS:**

- Enclosure Dimensions: 408mm x 635mm x 311mm D (16.0 x 25.0 x 12.26 in. D)
- Shipping Weight: 66 lbs. (29.5 kg)

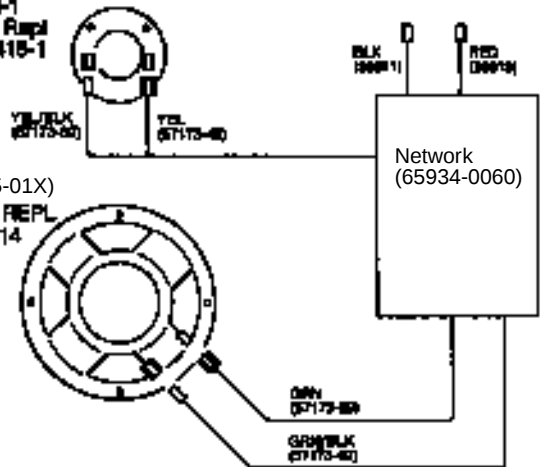
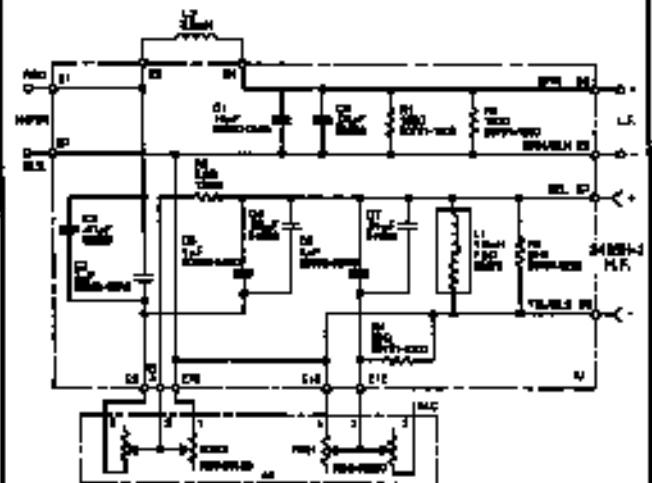
**WARRANTY INFORMATION:**

- Refer to the Warranty Statement packed with each product.

**PACKAGE****WIRING DIAGRAM**

Speaker, High Freq  
2416H-1  
Diaph Repl  
08A2416-1

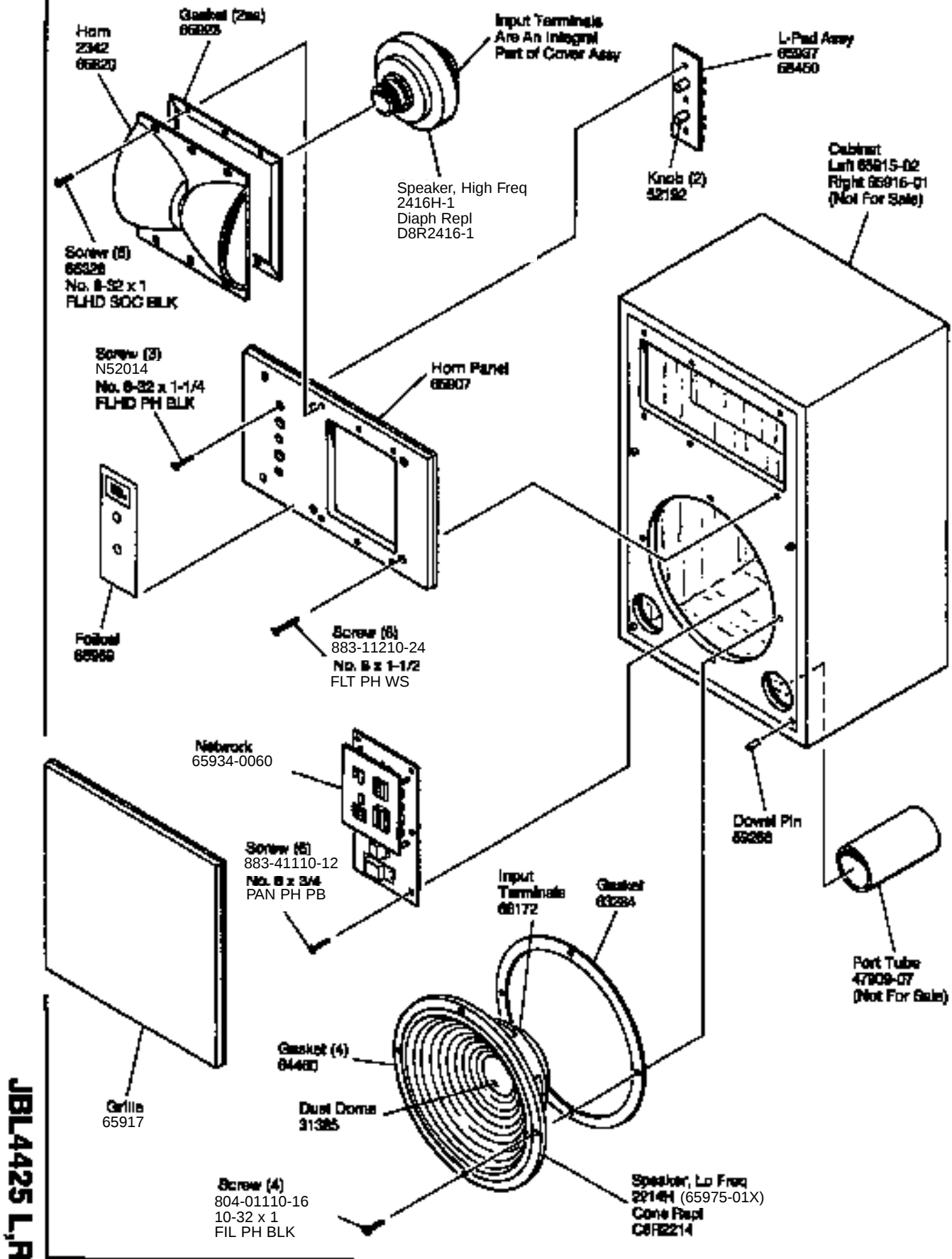
2214H  
(65975-01X)  
CONE REPL  
G5R2214

**SCHEMATIC N2124**

JBL4425 L,R REV F

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## COMPONENT EXPLODED VIEW



JBL4425 L,R