

# 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 16 kHz ( $\pm 3$  dB)
- Sensitivity: 90 dB SPL\*
- Crossover Frequencies: 1.2 kHz

### SYSTEM COMPONENTS:

- Cabinet: C4425
- Grille: G4425 (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: 25mm (1 in.) Pure Titanium Compression Driver (2416H-1)
- DC Resistance: 3.2 ohm  $\pm 8\%$  — Aluminum Wire
- Crossover Network: N3124, 2 Way System (65934-0060)

### 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, 550 Hz to 1.2 kHz

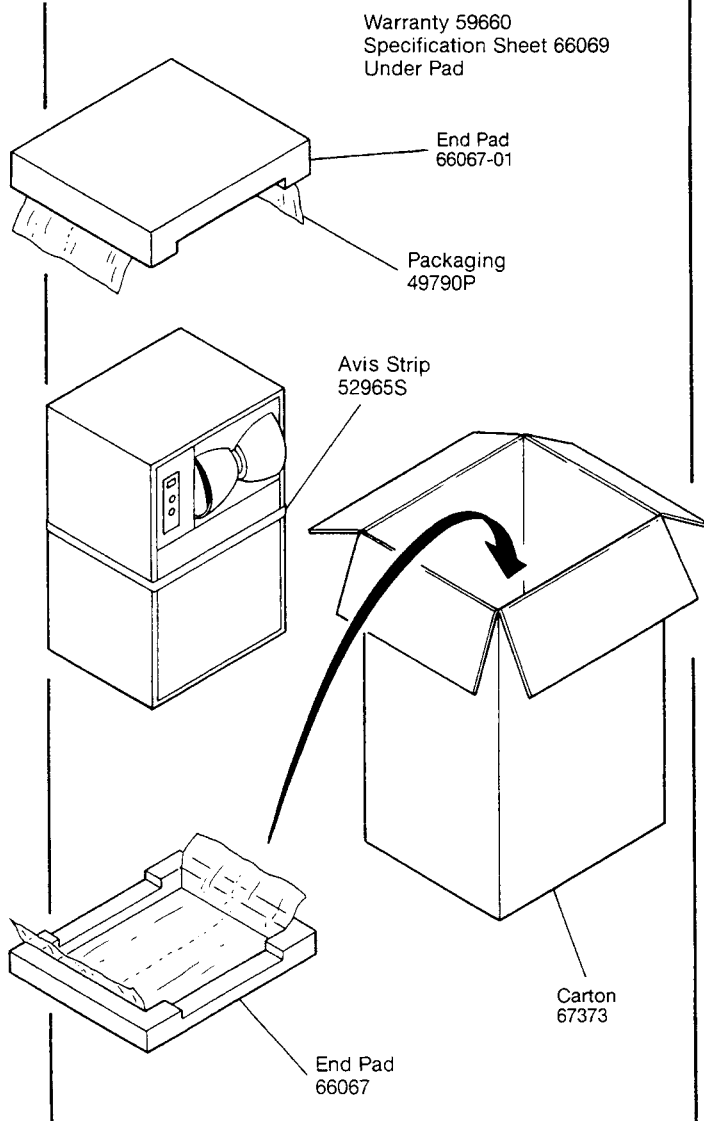
### PHYSICAL SPECIFICATIONS:

- Enclosure Dimensions: 406mm x 635mm x 311mm D (16.0 x 25.0 x 12.25 in. D)
- Shipping Weight: 65 lbs. (29.5 kg)

### WARRANTY INFORMATION:

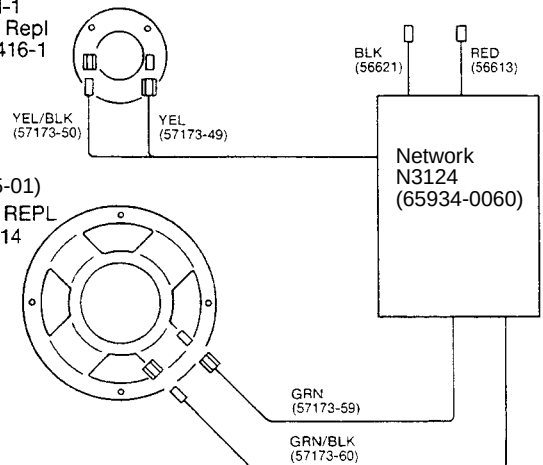
- Refer to the Warranty Statement packed with each product.

## PACKAGE

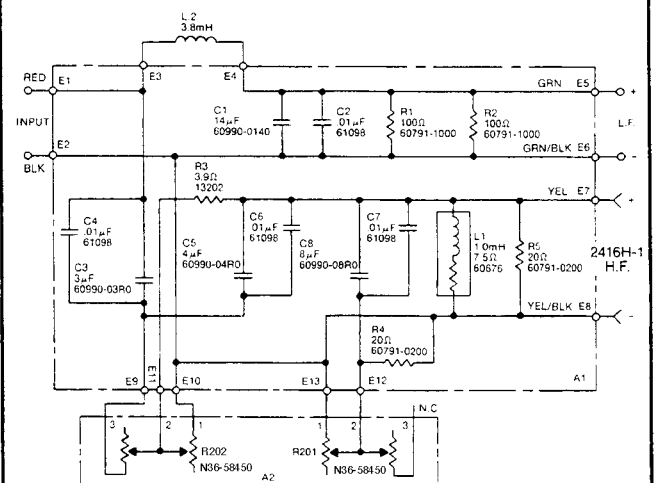


## WIRING DIAGRAM

Speaker, High Freq  
2416H-1  
Diaph Repl  
D8R2416-1



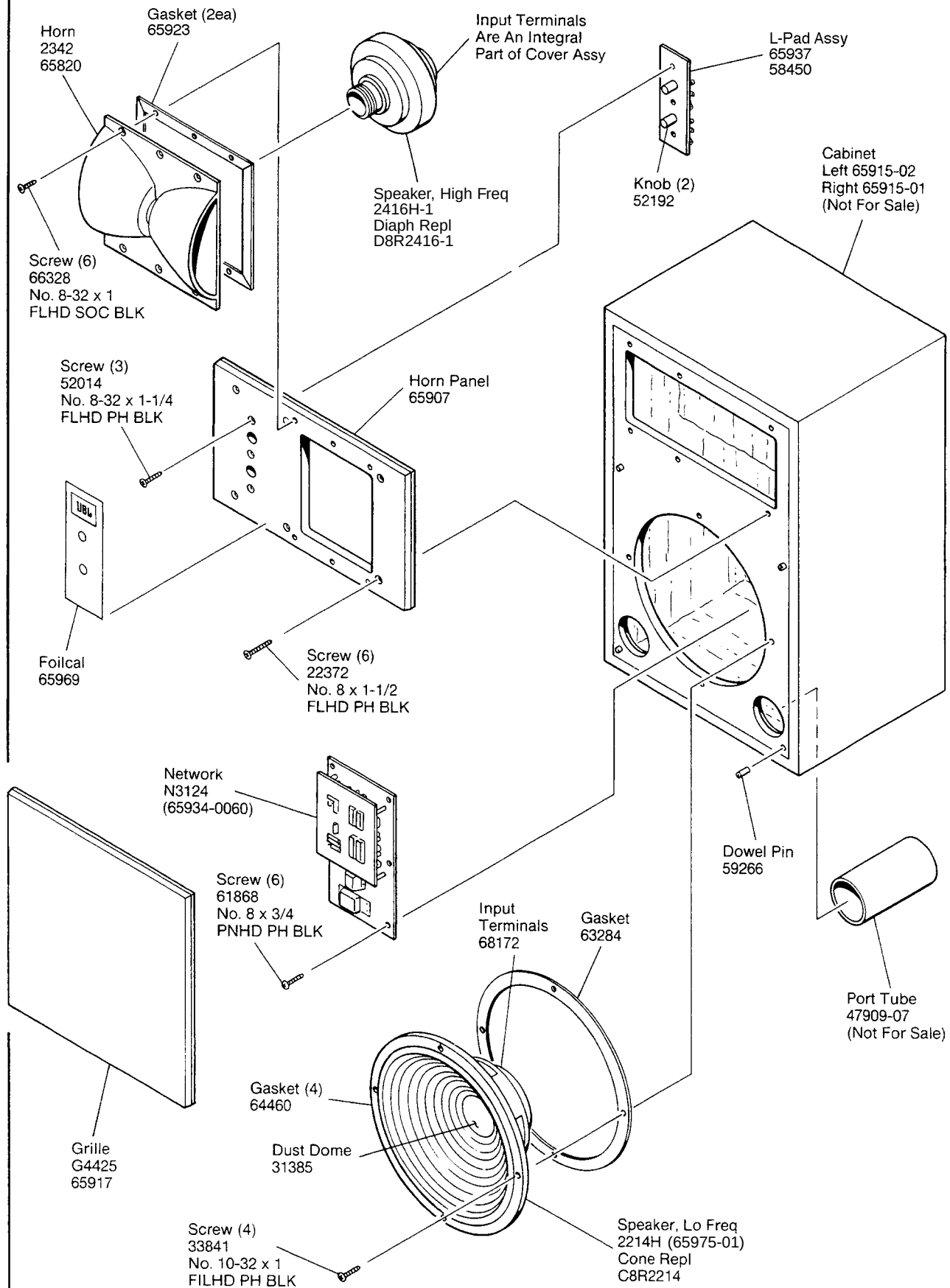
SCHEMATIC N3124



JBL4425 L,R REV F

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## COMPONENT EXPLODED VIEW



JBL4425 L,R