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

## Technical Manual

# JBL STX835

## SPECIFICATIONS

**ACOUSTIC & ELECTRICAL SPECIFICATIONS:**

- Nominal Impedance:
  - Passive: 4 Ohms
  - Bi-amp LF: 4 Ohms
  - Bi-amp HF: 8 Ohms
- Power Rating: Continuous / Program / Peak:
  - Passive: 1600W / 3200W / 6400W
  - Bi-amp LF: 1600W / 3200W / 6400W
  - Bi-amp MF/HF: 350W / 700W / 1400W
- Frequency Response: 43 Hz - 20 kHz (±3 dB)
- Frequency Range: 32 Hz - 20 kHz (–10 dB)
- Maximum SPL: 134 dB SPL peak
- System Sensitivity: 96 dB SPL (passive mode) (1 Watt@ 1 Meter)
- Mid / High Sensitivty: 108 db SPL (bi-amp mode) (1 Watt @ 1 Meter)
- Crossover Freq. 2 kHz / 250 Hz

**SYSTEM COMPONENTS:**

- Cabinet: Enclosure (Not For Sale)
- Grille: 5013225
- Low Frequency Transducer: (2) 2226HPL, 380 mm (15 in) Vented Gap Cooled™ woofer

**SYSTEM COMPONENTS:** *(CONT'D)*

- DC Resistance: 5.0 ohms
- Mid Freqency Transducer: 2169H, 200 mm (8 in) Differential Drive® driver
- DC Resistance: 5.1 ohms +/- 10%
- High Frequency Transducer: 2432H, 75 mm (3 in) voice coil, neodymium compression driver
- DC Resistance: 4.00 ohms +/- 0.2 ohm
- Crossover Network: 5014403

**AURAL SWEEP TEST SPECIFICATIONS:**

A. System Aural Sweep Test: 7V Input, 30 Hz to 20 kHz
B. L.F. Aural Sweep Test: 10V Input, 20 Hz to 1.2 kHz
C. M.F. Aural Sweep Test: 7V Input, 20 Hz to 1 kHz
D. H.F. Aural Sweep Test: 3.0V Input, 300 Hz to 1.0 kHz

**PHYSICAL SPECIFICATIONS:**

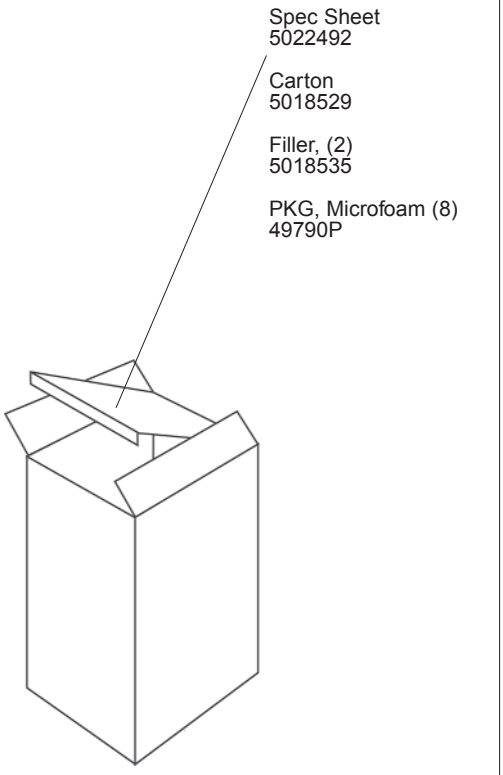
- Enclosure Dimensions: 1066 x 568 x 573 mm D (42.0 x 22.4 x 22.6 in. D)
- Net Weight: 126 lb (57.1 kg.)

**WARRNTY INFORMATION:**

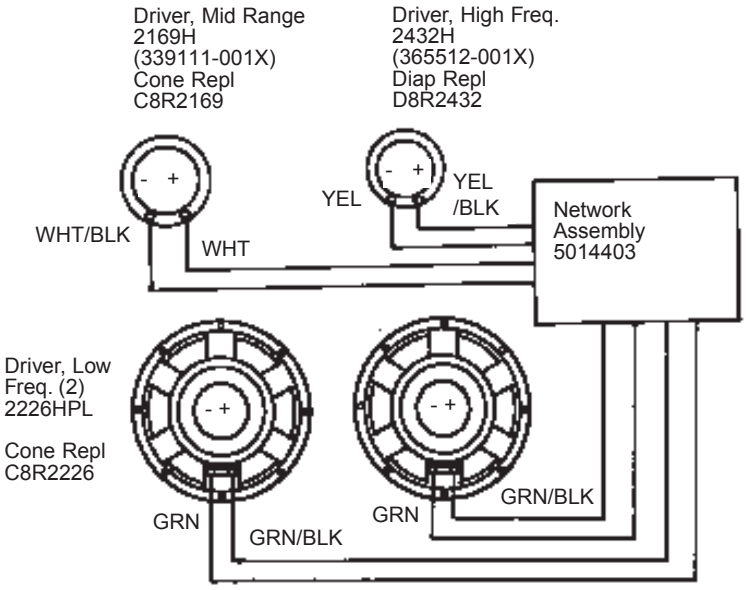
•Refer to Warranty Statement packed with each product.

## PACKAGE

Warranty 59660



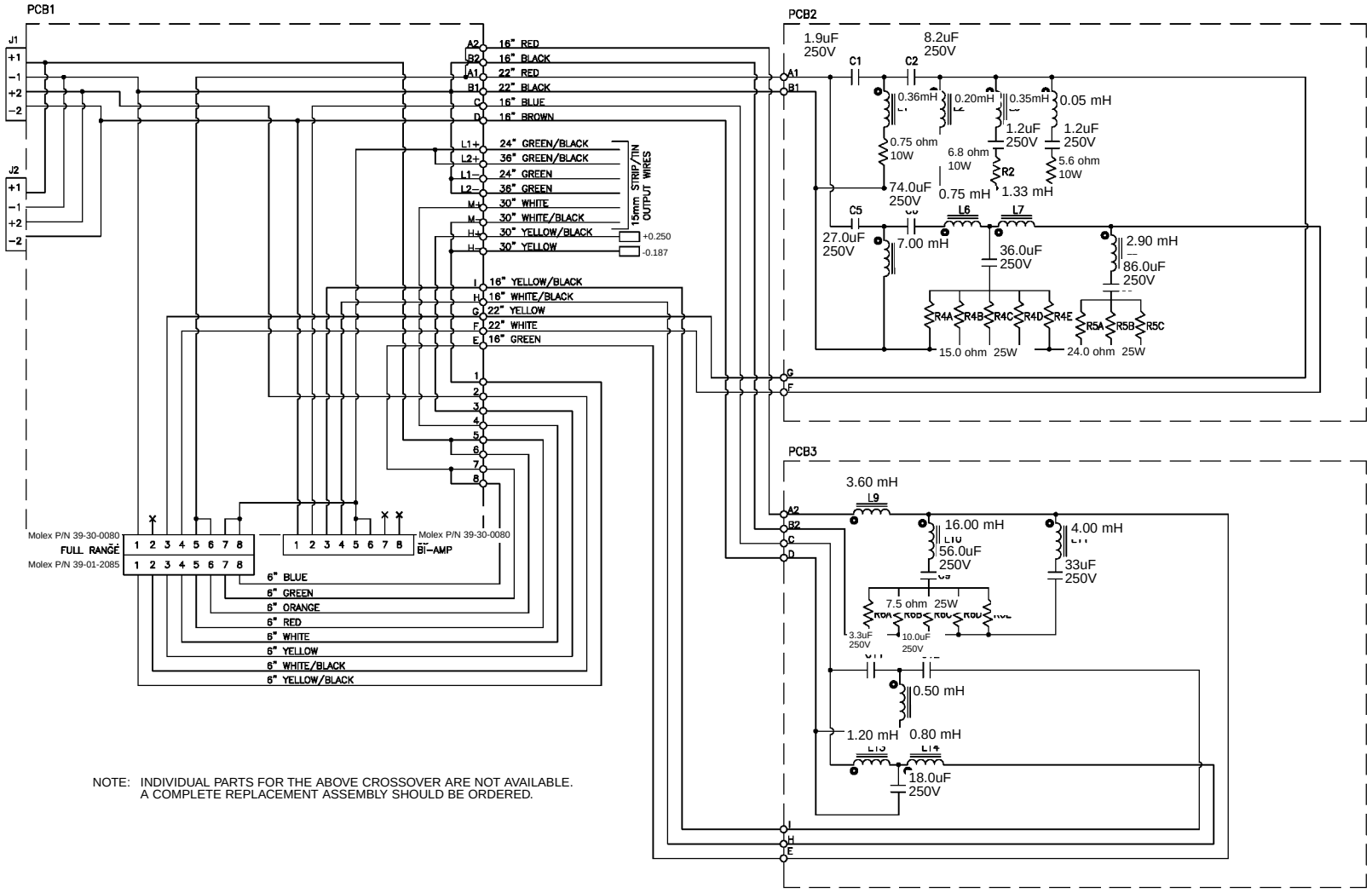

## WIRING DIAGRAM




SEE NETWORK SCHEMATIC PAGE 2

NOTE: INDIVIDUAL PARTS FOR THE ABOVE CROSSOVER ARE NOT AVAILABLE. A COMPLETE REPLACEMENT ASSEMBLY SHOULD BE ORDERED.

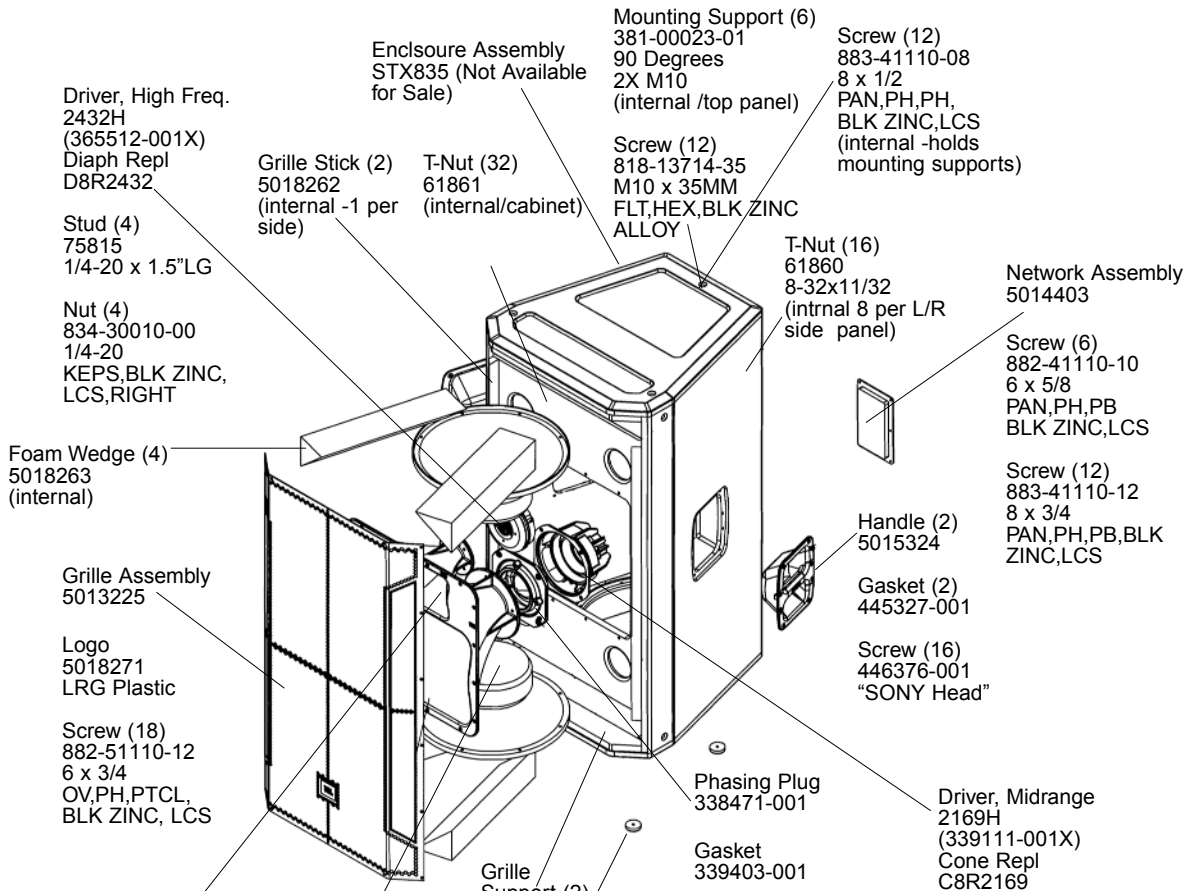
## COMPONENT EXPLODED VIEW




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## COMPONENT EXPLODED VIEW




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