

Technical Manual

JBL STX825

SPECIFICATIONS



ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance:
 - Passive: 4 Ohms
 - Bi-amp LF: 4 Ohms
 - Bi-amp HF: 8 Ohms
- Power Ratings: Continuous Program / Peak:
 - Passive: 1600W / 3200W / 6400W
 - Bi-amp LF: 1600W / 3200W / 6400W
 - Bi-amp HF: 75W / 150W / 300W
- Frequency Response: 42 Hz - 19 kHz (± 3 dB)
- Frequency Range: 34 Hz - 20 kHz (-10 dB)
- Maximum SPL: 136 dB SPL peak
- System Sensitivity: 98 dB SPL (passive mode)
(1 Watt @ 1 Meter)
- Crossover Freq.: 1.3 kHz

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
- High Frequency Transducer: 2453H, 102 mm (4 in) voice coil neodymium magnet compression driver
- DC Resistance: 4.10 ohm $\pm 8\%$
- Crossover Network: 5014402

AURAL SWEEP TEST SPECIFICATIONS:

- A. System Aural Sweep Test: 7.0V Input, 20 Hz to 20 kHz
- B. L.F. Aural Sweep Test: 10.0V Input, 20 Hz to 1.2 kHz
- C. H.F. Aural Sweep Test: 3.5V Input, 300 Hz to 1.2 kHz

PHYSICAL SPECIFICATIONS:

- Enclosure Dimensions: 1066 x 568 x 573 mm D
(42.0 x 22.4 x 22.6 in. D)
- Net Weight: 112 lb (51 kg.)

WARRANTY INFORMATION:

- Refer to Warranty Statement packed with each product.

PACKAGE

Warranty 59660

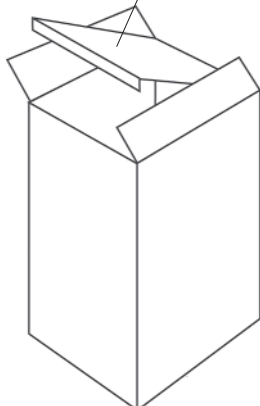
Spec Sheet
5022489

Carton
5018534

Filler, (2)
5018535

PKG, Microfoam (8)
49790P

Tray (2)
5022561

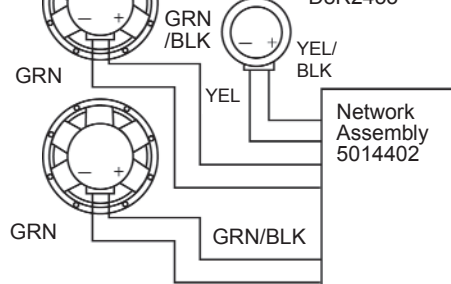


WIRING DIAGRAM

Driver, Low Freq. (2)
2226HPL

Cone Repl
C8R2226

Driver, High Freq.
2453H
(443654-001X)
Diaph Repl
D8R2453

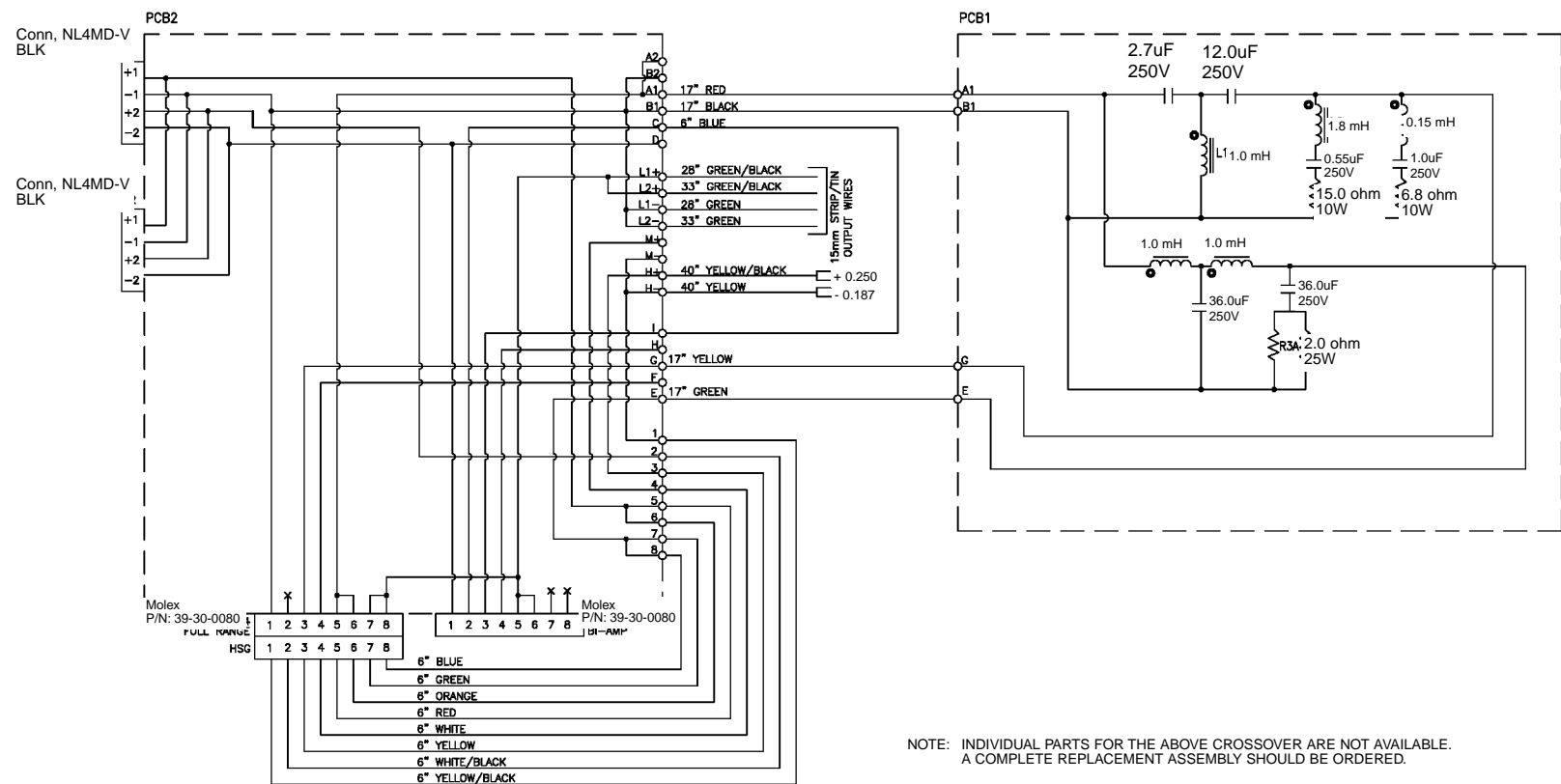


SEE NETWORK SCHEMATIC PAGE 2

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

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COMPONENT EXPLODED VIEW



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