

Technical Manual

JBL MRX512M



SPECIFICATIONS

ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance: 8 Ohms
- Power Capacity: 400W / 800W / 1600W, 2 hrs.
(Cont/ Prog/Peak): 350W / 700W / 1400W, 100 hrs
- Frequency Range: 60 Hz - 20 kHz (-10 dB)
- Frequency Response: 90 Hz - 20 kHz (± 3 dB)
- Maximum SPL: 123 dB SPL continuous (129 dB SPL peak)
- System Sensitivity: 97 dB SPL (1 watt @ 1 meter)
- Crossover Frequency: 1.7 kHz

SYSTEM COMPONENTS:

- Cabinet: Enclosure (Not for Sale)
- Grille: 362527-001
- Low Frequency Transducer: 262H-1, 305 mm (12 in) Differential Drive woofer
- DC Resistance: 5.5 ohm $\pm 10\%$
- High Frequency Transducer: 2408H, 37.5 mm (1.5 in) annular polymer diaphragm, neodymium compression driver

SYSTEM COMPONENTS: (CONT'D)

- DC Resistance: 4.8 ohm ± 0.2 ohm
- Crossover Network: 364966-001

AURAL SWEEP TEST SPECIFICATIONS:

- A. System Aural Sweep Test: 7.0V Input, 50 Hz to 20 kHz
- B. L.F. Aural Sweep Test: 7.0V Input, 10 Hz to 1 kHz
- C. H.F. Aural Sweep Test: 0.75V Input, 200 Hz to 1.5 kHz

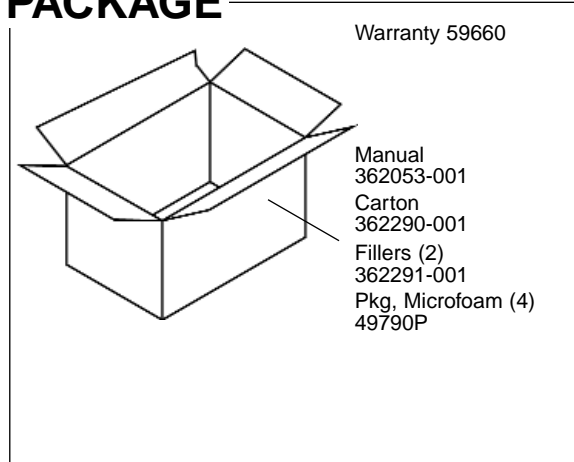
PHYSICAL SPECIFICATIONS:

- Enclosure Dimensions: 645 x 380 x 345 mm D
(H x W x D) (25.25 x 15.0 x 13.5 in D)
- Net Weight (ea): 33.0 lb (14.9 kg.)

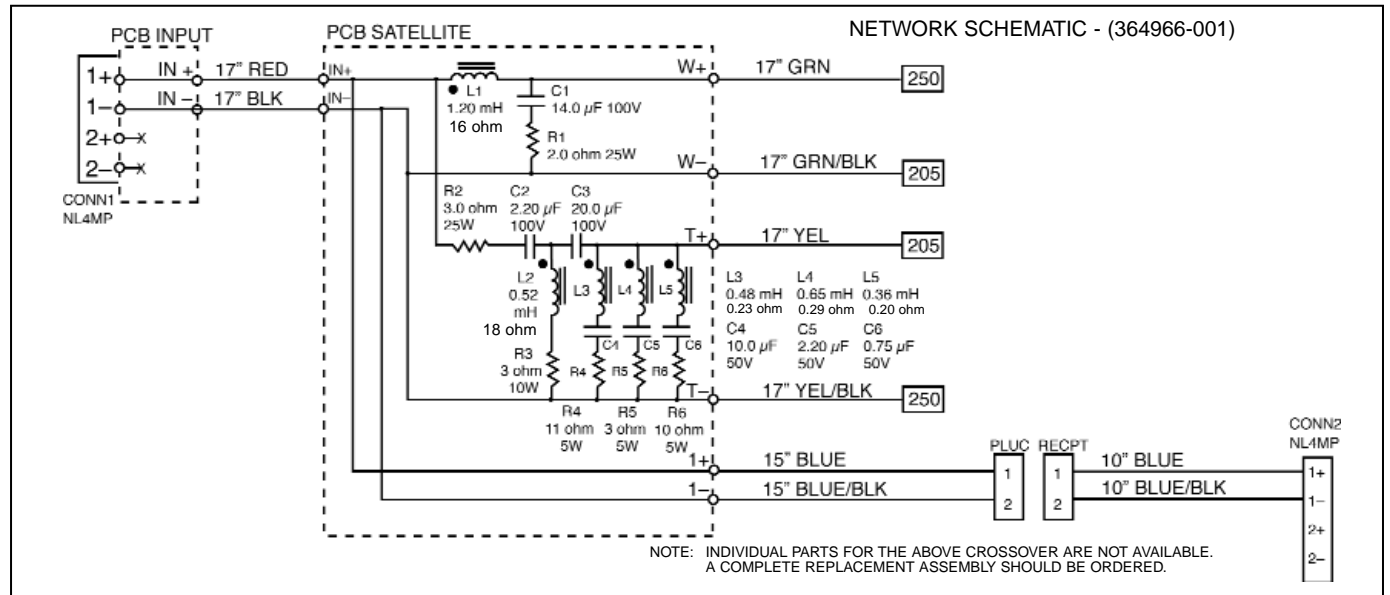
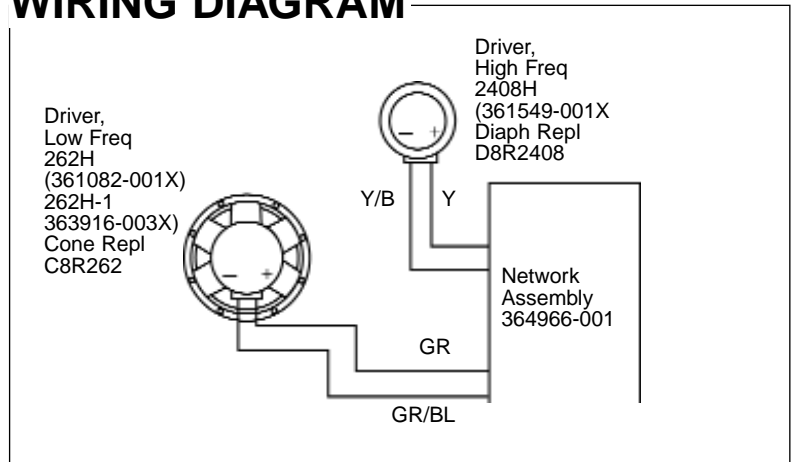
WARRANTY INFORMATION:

- Refer to Warranty Statement packed with each product.

PACKAGE



WIRING DIAGRAM



JBL MRX512M REV 1

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COMPONENT EXPLODED VIEW

Note: Black Duraflex repair kit 30052

