

Technical Manual



JBL AM6200/64-WH

SPECIFICATIONS

ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance: 8 Ohms
- Power Capacity (AES): M.F. 350W (1400W Peak), 100 Hrs
H.F. 75W (300W Peak), 2 Hrs
- Frequency Range: 200Hz – 19 kHz (-10dB)
- Sensitivity: M.F. 108dB SPL (1 Watt at 1 Meter)
H.F. 115dB SPL (1 Watt at 1 Meter)
Passive Mode 108dB
- Crossover Frequencies: HP & LP, 2.1 kHz

SYSTEM COMPONENTS:

- Cabinet: Enclosure (Not For Sale)
- Grille: 338163-009, 338163-109 (WH)
- Mid Frequency Transducer: 2250HPL, 200 mm (8 in.) Differential Drive®, dual-voice coil internal driver
- High Frequency Transducer: 2431H, 38 mm (1.5 in.) Exit Compression Driver, 75 mm (3 in.) Voice Coil

SYSTEM COMPONENTS:(CONT'D)

- DC Resistance: 4.4 ohm ±10%
- Crossover Network: 339407-001

AURAL SWEEP TEST SPECIFICATIONS:

- A. System Aural Sweep Test: 7.0V Input, 20 Hz to 20 kHz
- B. M.F. Aural Sweep Test: 7.0V Input, 200 Hz to 2 kHz
- C. H.F. Aural Sweep Test: 2.83V Input, 550 Hz to 20 kHz

PHYSICAL SPECIFICATIONS:

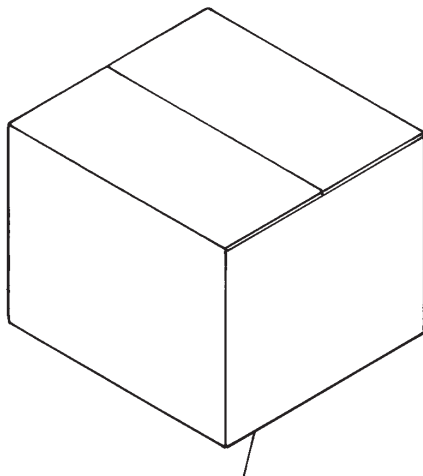
- Enclosure Dimensions: 548 x 561 x 657 mm D
(21.6 x 22.1 x 25.9 in.D.)
- Net Weight: 64 lb (29.0 kg.)

WARRANTY INFORMATION:

- Refer to Warranty Statement packed with each product.

PACKAGE

Warranty 59660
Installation Sheet
339390-008



Carton
338862-001

Filler (2)
351590-001

PKG, Microfoam (8)
49790P

Logo Sticker, Grille Assy (Large)
339399-001

Sticker, JBL
337638-001

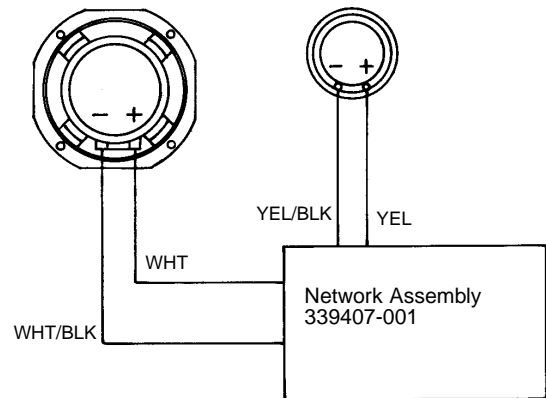
Hardware Kit,
229-00009-01

ACC, Not Included

WIRING DIAGRAM

Driver, Mid Freq
2250HPL
(124-31005-01X)
Cone Repl
C8R2250

Driver, High Freq
2431H
(339894-002X)
Diaph Repl
D8R2431

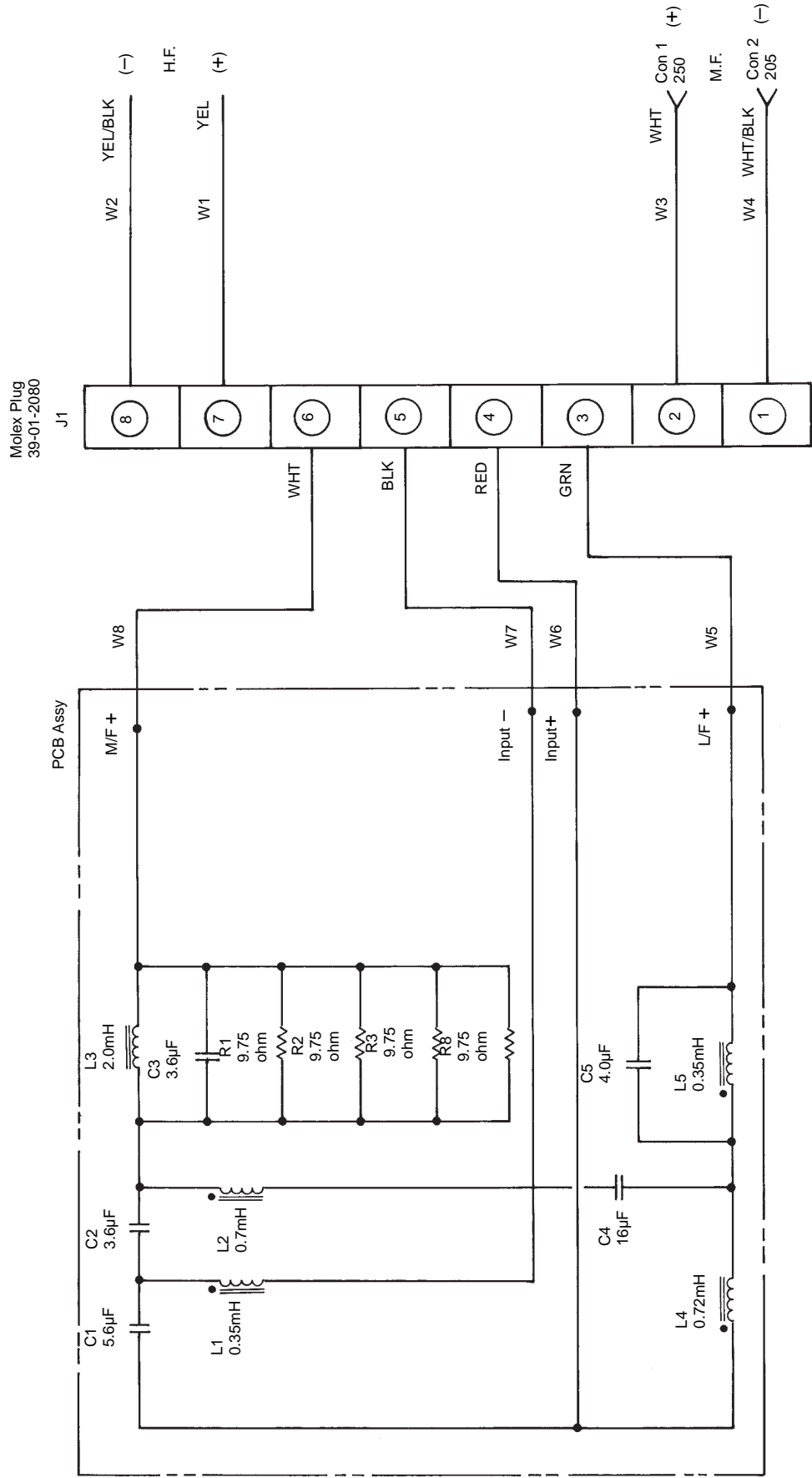


SEE NETWORK SCHEMATIC PAGE

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

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SCHEMATIC (339407-001)



Individual Parts for the above crossover are not available.
A complete replacement assembly should be ordered.

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COMPONENT EXPLODED VIEW

Waveguide, PT-K64MH
338784-001

Gasket, 18 x 18 Waveguide
339396-001 (no longer necessary)

Screw (16)
804-41110-12
10-32 x 3/4 PAN, PH,
BLK,ZINC,LCS

Nut,(4)
834-30010-00
1/4-20 KEPS, BLK

Grille Assembly
338163-009
338163-109 WH

Screw (8)
882-51110-12
6 x 3/4, OV PH

Driver, High Freq
2431H
(339894-002X)
Diaph Repl
D8R2431

Stud (4)
75815
1/4-20 x 1.5 "LG

Heat Dissipation Plate
351199-001

Gasket,
74113-01

Phasing Plug
Assy,
338471-001
Screw (4)
704-85110-20

Gasket
339403-001
Screen
339484-001
Washer
#10,Flat Blk
843-00110-06

T-Nut (16)
61861
10-32

Input Plate, NL4,
339336-001
Input Plate Label, NL4,
339339-002
Model Label
339339-002

Screw (13)
352051-001
352051-002 (WH)
M10 x 25MM
SCKT HEX BLK ZINC

Enclosure Assembly
AM6200/64-WH
(Not Available for Sale)

Screw (6)
882-41110-10
No. 6 x 5/8, PAN,
PH, PB, BLK

Driver, Mid Freq
2250HPL
(124-31005-01X)
Cone Repl
C8R2250
Screw (4)
704-85110-16

Rear Can
2250HPL
Mid Range
339404-001
Gasket Vinyl
21769
8"

Screw (4)
804-41110-12
10-32 x 3/4
PAN, PH, BLK-CR, L.C.

Gasket, Rear
350307-001

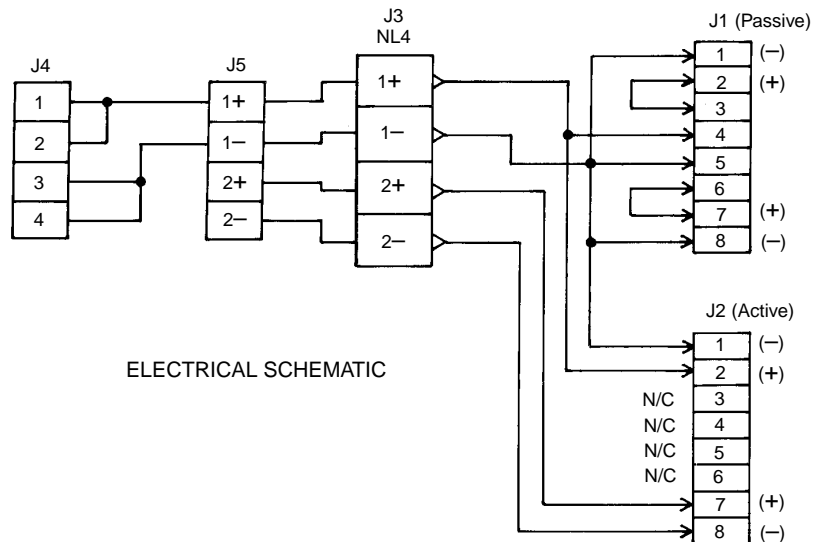
Network
Assembly
339407-001
Screw (6)
882-51160-12
6 x 3/4
OVPH

Logo, Grille Assembly
(Large), AE
339400-001

Push Nut
350689-001
7/16"

Compression Spring
350690-001

Washer
76168
.175 ID, .75 OD



ELECTRICAL SCHEMATIC