Technical Manual

JBL PD6200/64-WH

SPECIFICATIONS

ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance: 8 ohms
- Frequency Range (-10 dB): 200 Hz to 18 kHz
- Frequency Response (±3 dB): 240 Hz to 16 kHz
- Coverage Pattern: 60° x 40°
- Passive Crossover: 1.5 kHz
- Transducer Power Ratings
  - MF: 350 W (1400 W peak), 100 hrs
  - HF: 75 W (300 W peak), 2 hrs
- Long-Term System Power
  - Passive Mode: 300 W (1200 W peak), 100 hrs.Rating (IEC)

SYSTEM COMPONENTS:

- Cabinet: Enclosure (Not For Sale)
- Grille: 352235-001 (BK), 352235-003 (WH)
- Mid Frequency Driver: CMCD–82H cone mid-range compression driver with integral 200 mm (8 in) diameter Differential Drive® dual voice coil driver
- D.C. Resistance: 5.1 ohms +/- 10%
- High Frequency Driver: 2432H, 38 mm (1.5 in) exit compression driver with voice coil
- D.C. Resistance: 4.0 ohm +/- 0.2 ohm
- Waveguides:
  - MF: PT-N64MF 600 x 600 mm (24 x 24 in)
  - HF: PT-H64HF 300 x 300 mm (12 x 12 in)

AURAL SWEEP TEST SPECIFICATIONS:

- A. System.Aural Sweep Test: 7.0V Input, 50 Hz to 21 kHz
- B. M.F. Aural Sweep Test: 7.0V Input, 20 Hz to 1 kHz
- C. H.F.Aural Sweep Test: 3.0V Input, 300 Hz to 1 kHz

PHYSICAL SPECIFICATIONS:

- Enclosure Dimensions: 991 x 673 x 706 mm (H x W x D in vertical orientation): (39.0 x 26.5 x 27.8 in)
- Net Weight: 58.8 kg (130 lb)

WARRANTY INFORMATION:

- Refer to Warranty Statement posted on line

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

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WIRING DIAGRAM

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Driver, High Freq. 2432H (365512-001X) Diaphragm D8R2432

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Mid Freq. 2169H (339111-001X)

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Network Assy. 5041507

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YEL/BLK     YEL
  .250  205

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GRN/BLK     GRN

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GRN

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***PACKAGING NOT FOR SALE***

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Warranty Card 59660
Carton 352163-001
Filler (2) 352164-001
Microfoam (8) 49790P

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## COMPONENT PARTS LIST:

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Qty</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>10</td>
<td>352085-001</td>
<td>2</td>
<td>GRILLE STICK, TOP/BOTTOM, PD</td>
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<tr>
<td>11</td>
<td>352084-001</td>
<td>2</td>
<td>GRILLE STICK, LEFT/RIGHT, PD</td>
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<td>12</td>
<td>339111-001X</td>
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<td>M/I, 2169H</td>
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<td>365512-001X</td>
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<td>M/I, 2432H</td>
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<td>14</td>
<td>5041507</td>
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<td>NETWORK, PD6200/64</td>
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<tr>
<td>15</td>
<td>339336-001</td>
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<td>INPUT PLATE, NL4</td>
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<tr>
<td>16</td>
<td>443482-001</td>
<td>1</td>
<td>WAVEGUIDE, PT-H64HF</td>
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<td>17</td>
<td>5036859</td>
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<td>WAVEGUIDE, PT-N64MH-1</td>
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<td>18</td>
<td>352235-001</td>
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<td>GRILLE (BLACK)</td>
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<tr>
<td>19</td>
<td>352235-003</td>
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<td>GRILLE (WHITE)</td>
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<td>20</td>
<td>390400-001</td>
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<td>LOGO, GRILLE (LARGE)</td>
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<td>21</td>
<td>352051-001</td>
<td>20</td>
<td>BOLT, M10 X 25MM, HEX (BLACK)</td>
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<td>21</td>
<td>352051-002</td>
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<td>BOLT, M10 X 25MM, HEX (WHITE)</td>
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<td>22</td>
<td>352257-001</td>
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<td>GASKET MIDRANGE HORN TO PHASE PLUG</td>
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<tr>
<td>23</td>
<td>339484-001</td>
<td>1</td>
<td>SCREEN, MIDRANGE PHASE PLUG</td>
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<tr>
<td>24</td>
<td>339403-001</td>
<td>1</td>
<td>GASKET, PHASING PLUG</td>
</tr>
</tbody>
</table>

## COMPONENT EXPLODED VIEW:

- Item 10: 352085-001  Qty 2  Description: GRILLE STICK, TOP/BOTTOM, PD
- Item 11: 352084-001  Qty 2  Description: GRILLE STICK, LEFT/RIGHT, PD
- Item 12: 339111-001X  Qty 1  Description: M/I, 2169H
- Item 13: 365512-001X  Qty 1  Description: M/I, 2432H
- Item 14: 5041507  Qty 1  Description: NETWORK, PD6200/64
- Item 15: 339336-001  Qty 1  Description: INPUT PLATE, NL4
- Item 16: 443482-001  Qty 1  Description: WAVEGUIDE, PT-H64HF
- Item 17: 5036859  Qty 1  Description: WAVEGUIDE, PT-N64MH-1
- Item 18: 352235-001  Qty 1  Description: GRILLE (BLACK)
- Item 19: 352235-003  Qty 1  Description: GRILLE (WHITE)
- Item 20: 350689-001  Qty 1  Description: PUSH NUT, 7/16", GRILL LOGO
- Item 21: 381-00023-01  Qty 10  Description: MOUNTING SUPPORT, 90 DEGREES 2X M10
- Item 22: 352051-001  Qty 20  Description: BOLT, M10 X 25MM, HEX (BLACK)
- Item 23: 352051-002  Qty 20  Description: BOLT, M10 X 25MM, HEX (WHITE)
- Item 24: 352257-001  Qty 1  Description: GASKET MIDRANGE HORN TO PHASE PLUG
- Item 25: 339484-001  Qty 1  Description: SCREEN, MIDRANGE PHASE PLUG
- Item 26: 339403-001  Qty 1  Description: GASKET, PHASING PLUG