

**Soundtube IW500b-WH 5.25in COAXIAL IN-WALL SPEAKER WITH INTEGRATED BACKBOX/White**

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| System Type                              | 5.25-inch coaxial, in-wall, sealed (32-watt transformer for 25/70.7/1 OOWolt or transformer bypass) |
| Impedance (nominal) <sup>1</sup>         | 8 ohm   |
| Sensitivity dB @ 2.83 V/l m              | 87.5 dB   |
| Sensitivity dB @ 1 W/l m <sup>2</sup>    | 87.5 dB   |
| Frequency Response (- 3 dB) <sup>3</sup> | 140 Hz-22 kHz   |
| Frequency Response (-10 dB) <sup>3</sup> | 69 Hz-22 kHz  |
| Max. Program Power <sup>4</sup>          | 150 W   |
| Max. Continuous Power RMS <sup>5</sup>   | 75 W  |
| Max. Power SPL @ 1 m <sup>6</sup>        | 106.5 dB  |
| Coverage Angle (-6 dB @ 2 kHz)           | 90° horizontal / 95° vertical   |
| Coverage Angle (-6 dB @ 10 kHz)          | 115° horizontal /110° vertical  |
| Coverage Angle (Avg. from 2 to 10 kHz)   | 100° horizontal /100° vertical  |
| Directivity Factor (Q)                   | 4.9 (Avg. 100 Hz -10 kHz)/8.3 (2 kHz)   |
| Directivity Index (DI) dB                | 6.0 dB (Avg. 100 Hz - 10kHz)/9.2dB (2 kHz)  |
| Tap Selector                             | Six-position rotary switch with transformer bypass position   |
| Transducer - Low-Frequency Driver        | 1 x 133 mm (5.25 in.) polypropylene cone, butyl rubber surround                                     |
| Transducer - High-Frequency Driver       | 25 mm (1 in.) convex titanium tweeter with waveguide  |
| Low-Frequency Voice Coil                 | 25.4 mm (1.00 in.)  |
| Crossover Frequency                      | 3.0 kHz   |
| Network Type: Low-Pass                   | 12 dB per octave, 2nd order   |
| Network Type: High-Pass                  | 12 dB per octave, 2nd order   |
| Enclosure Material                       | Injection molded ABS, steel back can  |
| Motor board                              | Cast aluminum   |
| Grille                                   | Iridite-plated steel with powder-coat finish  |
| Inputs                                   | Wire leads  |
| Colors                                   | White (only), paintable   |
| Height                                   | 300.7 mm (11.84 in.)  |
| Width                                    | 219.5 mm (8.64 in.)   |
| Depth                                    | 99.1 mm (3.90 in.)  |
| Weight                                   | 4.0 kg (8.9 lb)   |
| Shipping Weight                          | 5.0 kg (11 lb)  |