

JBL CBT 50LA-LS-WH Specs

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| Components | 8 x 2" (50 mm) full-range drivers |
| Frequency Range | 120 Hz to 20 kHz, -10 dB (full space) |
| Coverage Pattern | Vertical: 20° (1.5 to 16 kHz, ±10°) Horizontal: 150° (average, 1 to 4 kHz, ±20°) |
| Coverage Angle | 4000 Hz: 18° (H) x 140° (V) 2000 Hz: 32° (H) x 210° (V) 1000 Hz: 55° (H) x 260° (V) 500 Hz: 100° (H) x 260° (V) |
| Sensitivity | 1W/1m, Full Space 93 dB (Speech mode, 2 to 14 kHz), 89 dB (Music mode, 300 Hz to 18 kHz) 1W/4m, Full Space 89 dB (Speech mode, 2 to 14 kHz), 77 dB (Music mode, 300 Hz to 18 kHz) |
| Power Capacity | 8 Ω Setting: 150 W (600 W peak), 2 hours 100 W (400 W peak), 100 hours ⓘ |
| SPL | Maximum @ 3.3' (1 m): Speech Mode: 115 dB continuous averaged (121 peak) Music Mode: 111 dB continuous averaged (117 peak) Maximum @ 13.1' (4 m): Speech Mode: : 103 dB continuous average (109 peak) |

Music Mode: 99 dB continuous average (105 peak) ⓘ

Impedance

8 Ω (in bypass mode)

Taps:

667 Ω (7.5 W @ 70 V; 15 W @ 100 V tap)

333 Ω (15 W @ 70 V; 30 W @ 100 V tap)

167 Ω (30 W @ 70 V; 60 W @ 100 V tap)

83 Ω (60 W @ 70 V; N/C @ 100 V tap)

Transformer Taps

70 V / 100 V: 60 W, 30 W, 15 W, (7.5 W at 70 V only), and 8 Ω thru, via switch ⓘ

Enclosure

Fiberglass reinforced ABS cabinet (UL94-5VB and UL94-5VA flammability-rated), painted aluminum grille

Outdoor Durability

IP-55 rated, per IEC529, when installed with optional MTC-PC2 panel cover
UV, moisture, and 200 hour ASTM G85 acid-air/salt-spray resistant

Rigging Points

10 x M6 swivel (pan)/tilt insert points on back panel ⓘ

Mounting

Included swivel (pan) / tilt wall bracket provides continuously variable $\pm 80^\circ$ left-right swivel aiming
Continuously adjustable $\pm 15^\circ$ tilt, as well as 5° fixed increment points within the range

Safety Agency Approvals

EN54-24:2008 certified (Certificate

No. 0359-CPR-00238), when installed with MTC-PC2 terminal panel cover. In accordance with the requirements of IEC60849/EN60849.

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| Dimensions (H x W x D) | 20.8 x 3.9 x 6.0" (52.8 x 9.9 x 15.3 cm) |
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| Weight | 9.0 lb (4.1 kg) |
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