

# JBL CBT 1000 Specs

Active or Passive	Not Specified by the Manufacturer
Frequency Response	45 Hz to 20 kHz, -10 dB
Power Capacity	1500 W (6000 W peak), 2 hours 1000 W (4000 W peak), 100 hours
Maximum Sound Pressure Level (SPL)	Highest Directivity Setting: Point pattern up, Point pattern down with Speech Voicing: 131 dB continuous average pink noise 134 dB continuous program 137 dB peak Point pattern up, Point pattern down with Music Voicing: 127 dB continuous average pink noise 130 dB continuous program 133 dB peak  Lowest Directivity Setting: Medium pattern up, Downfill pattern down with Speech Voicing: 128 dB continuous average pink noise 131 dB continuous program 134 dB peak Medium pattern up, Downfill pattern down with Music Voicing: 124 dB continuous average pink noise 127 dB continuous program 130 dB peak
Sensitivity	Measured at 2.83 V @ 3.3' (1 m): 102 dB at highest sensitivity setting

(Point pattern up, Point pattern down, Speech voicing, in free space)  
95 dB at lowest sensitivity setting  
(Medium pattern up, Downfill pattern down, Music voicing in free space)

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Nominal Impedance 4 Ohms (4 Ohms above 1 kHz; 8 Ohms below 800 Hz)

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Crossover Not Specified by the Manufacturer

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Low Frequency Driver 6 x 6.5" (165 mm) driver, lightweight neodymium motors  
2" (50 mm) diameter voice coils  
Copper-capped pole tips to minimize flux modulation and linearize inductance  
0.63" (16 mm) long coil for high linear drive and high power handling  
Damped, blended textile surround  
Coated cones for moisture, UV and salt resistance  
Magnetically shielded

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High Frequency Driver 24 x 1" (25 mm)  
Neodymium, encased magnet, and coated diaphragm for moisture, UV, and salt resistance

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Vertical Coverage Angle Effective beyond -6 dB coverage angles (angles are in reference to cabinet aiming axis)  
Pattern Up Settings:  
Point: -6 dB @ +7°, -12 dB @ +12°  
Tight: -6 dB @ +9°, -12 dB @ +15°  
Narrow: -6 dB @ +10°, -12 dB @ +20°  
Medium: -6 dB @ +13°, -12 dB @ +24°  
  
Pattern Down Settings:  
Point: -6 dB @ -7°, -12 dB @ -12°  
Narrow: -6 dB @ -10°, -12 dB @ -20°

Broad: -6 dB @ -17°, -12 dB @ -28°  
Downfill: -6 dB @ -20°, -12 dB @ -35°

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Horizontal Coverage Angle  
Tapered Horizontal Waveguide continuously variable:  
Long-Throw (Top) Section: 100°  
Middle Section: 130°  
Short-Throw (Bottom) Section: 160°

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Recommended Protective High-Pass  
35 Hz, 24 dB/oct or greater

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Enclosure Material  
Fiberglass reinforced ABS cabinet, powder coated 1050 aluminum grille

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Outdoor Use  
IP-55 rated, per IEC529, when installed with optional MTC-PC2 cover  
Exceeds Mil Spec 810 for humidity, temperature and UV, ASTM G85 for acid-air/salt-spray (200 hours)

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Mounting  
14 x M8 inserts on back panel (20 mm deep) for use with swivel (pan)/tilt bracket  
Forged-shoulder steel eyebolts, swivel rings, and after-market third-party brackets  
4 x M8 inserts on top and 4 on bottom of cabinet end-caps

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Wall Mount Bracket  
 $\pm 45^\circ$  left-right swivel aiming (at no up/down tilt)  
 $\pm 15^\circ$  tilt in  $1^\circ$  fixed increment points

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Input Connections  
Not Specified by the Manufacturer

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Color  
RAL9004, (Black)

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Dimensions

40.2 x 9.9 x 13.6" (1020 x 250 x 345 mm)

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Weight

54 lb (24.5 kg)

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