

# JBL CONTROL 85M Specs

Frequency Response (-10 dB)	55 Hz - 18 kHz
Power Rating	160 W continuous program (2 h) 80 W (320 W peak), continuous pink noise (2 h) 45 W (180 W peak), continuous pink noise (100 h)
Transformer Taps	70 V: 30, 15, 7.5, and 3.8 W 100 V: 30, 15, and 7.5 W
Frequency Response &#177; 3dB	65 Hz - 16 kHz
Maximum Input Voltage	23.3 V
Sensitivity	86 dB, 1 W at 3.28' / 1 m (average 80 Hz - 16 kHz)
Nominal Coverage Angle	360° horizontal, 160° vertical (primary listening 10° to 50° up from ground)
Directivity	Q Factor: 2.2
Directivity Index	3.4 dB
Maximum SPL	105 dB at 3.28' / 1 m
Nominal Impedance	8 Ohms (at 8-Ohm setting)

Insertion Loss	Up to 1.0 dB at any tap setting
Thru	8 Ohms nominal
Crossover Type	2nd order LPF on LF and 2nd order HPF on HF
Recommended Protective High-Pass	65 Hz for 8-Ohm operation, 24 dB/octave 60 Hz for 30 W tap, 24 dB/octave 50 Hz for 15, 7.5, and 3.7 W taps, 24 dB/octave
Low-Frequency Driver	5.25" / 13.5 cm diameter LF driver, Kapton former, 1.4" / 3.55 cm voice coil, polypropylene cone and polyurethane surround
High-Frequency Driver	0.75" / 1.9 mm diameter HF driver polyetherimide (PEI) dome
Enclosure Material	LDPE polyethylene plastic, 0.23" / 6 mm wall thickness, UL94V-0 rated
Grille	Powder-coated stainless steel
Environmental	IP-55 rating per IEC529 (dust protected and protected against jets of water) Exceeds MIL-STD 810 for humidity, salt spray, temperature & UV Passes MIL-STD 202F for salt spray Enclosure UL94V0 rated
Agency Rating	UL1480, transformer UL recognized per UL1876, ROHS compliant
Terminals	Bare wire with dielectric-gel-filled

wire nuts (internal to top speaker section)

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Wiring

Water ingress protected by two stages of gland nuts, one mounted on outside of enclosure (installed by installer via drilling 0.87" / 22 mm hole in any of multiple provided locations) and one between the bottom base and top speaker sections. Included gland nuts require round-jacketed wire with outside diameter between 0.16" / 4.0 mm and 0.35" / 9.0 mm.

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Dimensions

17.0 x 11.5 x 11.5" / 43.2 x 29.1 x 29.1 cm

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Weight

12 lb / 5.5 kg

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## Packaging Info

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Package Weight

15.7 lb

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Box Dimensions (LxWxH)

20 x 16.5 x 15"

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