CONTROL 64P/T

Compact Full-Range Pendant Loudspeaker

Professional Series

Features:

- 100 mm (4 in) full-range driver with polypropylene-coated cone and 20 mm (0.8 in) high temperature voice coil.
- Hanging hardware with 4.5 m (15 foot) galvanized steel cable and easy to adjust clamp.
- Stylish design, available in black or white (-WH).
- UL listed (speaker and hanging cable system).
- 8Ω and 70V/100V operation



Applications:

The Control 64P/T is a compact full-range, pendant-type loudspeaker that provides superb sound reproduction for rooms with open architecture ceilings and other locations where a pendant form factor is desired.

The 120° coverage pattern (average mid-range coverage) distributes the sound broadly for the listening space.

Stylish design and easy installation makes the Control 64P/T ideal for a wide variety of applications including retail, restaurants, hotels, casinos, fitness centers, convention centers, exhibit spaces, conference rooms, atriums, museums, transit centers and other open-ceiling applications.

The Control 64P/T includes a single-point mounting system for easy and secure suspension in open-ceiling applications. Two complete hanging cable systems are included, providing both main and safety suspension cables. Include are extra-long 4.5 m (15 foot) high tensile galvanized steel wire rope having spring clips for the loudspeaker end of the cable and UL listed cable fasteners for infinitely adjustable suspension height.

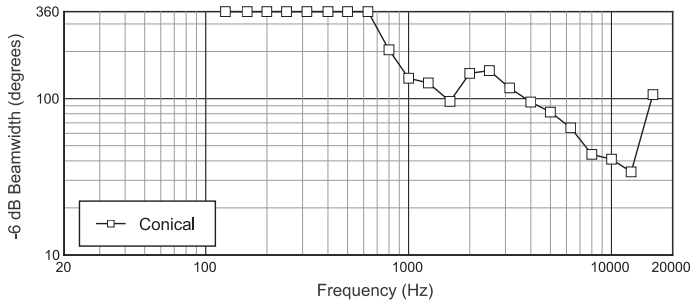
The system's 100 mm (4 in) full-range driver features a polypropylene-coated cone and 20 mm (0.8 in) high temperature copper voice coil for high power handling and improved long-term reliability.

The Control 64P/T contains a high-quality 30 Watt multi-tap transformer for use on 70V/100V distributed loudspeaker lines, and is switchable for 8-ohm voice-coil direct operation.

Euro-style clip-in connectors allow for easy wiring. For protected outdoor applications, rubber boots are included to cover the input connectors, and an optional terminal cover is available for harsher locations.

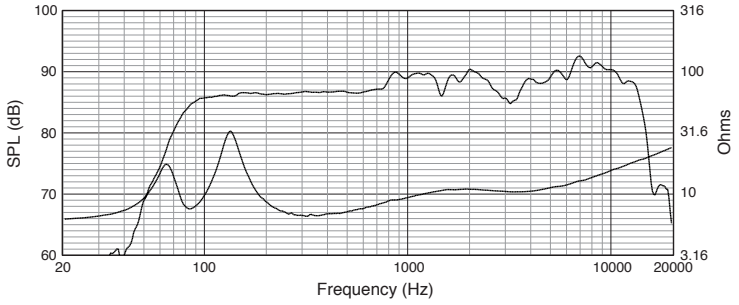
Beamwidth:

-6 dB coverage by frequency



Frequency Response:

Full-space, 8Ω, Impedance



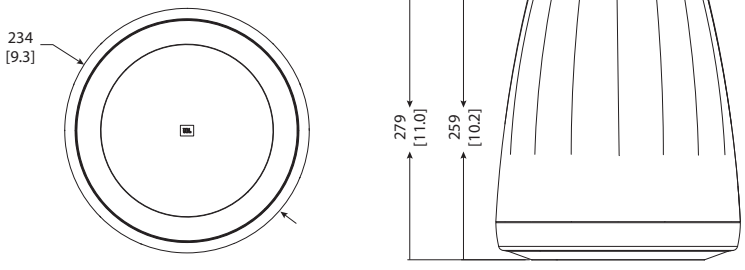
Specifications:

Frequency Response (-10 dB)[1]:	65 Hz - 15 kHz
Frequency Response (+/-3 dB) [1]:	85Hz - 14 kHz
Power Rating[2]:	100 W Continuous Program (2 hrs) 50 W (200W peak), Continuous Pink Noise (2 hrs) 40 W (160W peak) Continuous Pink Noise (100 hrs)
Maximum Input Voltage:	18.2 V RMS (2 hrs), 36.4 V peak
Nominal Sensitivity:	88 dB Nominal
Coverage Angle[3]:	120° (averaged 1 kHz to 4 kHz)
Directivity (Q)[3]:	6.2
Directivity Index (DI)[3]:	7.3dB (averaged 1kHz – 16kHz)
Rated Maximum SPL @ 1m:	105 dB continuous pink noise, 111 dB peak
Rated Impedance:	8Ω
Transformer Taps:	70V: 30W, 15W, 7.5W & 3.7W 100V: 30W, 15W, 7.5W
Transformer Insertion Loss:	0.94dB @ 3.7W, 0.89dB @ 7.5W, 0.83dB @ 15W, 0.94dB @ 30W
Transducer:	
Driver:	100 mm (4 in) polypropylene-coated paper with cloth surround, 20 mm (0.8 in) copper voice coil
Enclosuure:	
Enclosure Material:	High impact polystyrene
Grille:	Zinc-plated steel grille with powder-coat finish, foam backing (removable for painting)
Environmental:	Exceeds Mil Spec 810 for humidity, salt spray, temperature & UV. IP44 capability per IEC 529 – splash-proof rating.
Termination:	Two removable locking euro-block 2-pin connectors with screw-down terminals for bare wire. Connectors paralleled for input and loop-thru. Max. wire 12 AWG (2.5 mm²). Rubber terminal covers included.
Suspension:	Two identical suspension systems (one as main suspension cable and the other as safety cable), each consisting of 4.5 m (15 ft) long 2 mm (0.077 in) high-tensile galvanized-steel wire rope suspension cable with spring-clips for clipping onto the loudspeaker bracket and Gripple™ brand adjustable-height cable fasteners for infinitely adjustable height. Cables have SWL rating of 45 kg (99 lb).
Safety Agency Ratings:	Speaker listed per UL1480, transformer registered per UL1876. In accordance with IEC60849/EN60849. Suspension system and Gripple®-brand cable fastener listed per UL1598 and UL2239, TUV, and CSA Class 3426-01 & Class 3426-81.
Dimensions:	234 mm (9.3 in) diameter x 259 mm (10.2 in) height to top of cabinet. 279 mm (11.0 in) to top of suspension bracket.
Net Weight (ea):	2.35 kg (5.2 lbs)
Shipping Weight (pair):	6.07 kg (13.4 lbs)
Included Accessories:	Two suspension cable systems (see "Suspension", above), two 2-pin removable locking euro-block connectors, two rubber covers for euro-block connectors.
Optional Accessories:	MTC-PC60 top panel / terminal cover
Colors:	Available in black or white (-WH). Paintable

[1] Full-space (suspended)
[2] At 8Ω setting. Continuous Pink Noise rating is IEC-shaped pink noise with a 6 dB crest factor. Continuous Program Power is defined as 3 dB above the Continuous Pink Noise Rating and is a conservative expression of the system's ability to handle normal speech and music program material.
[3] Calculated from sensitivity and power handling, exclusive of power compression, at THRU setting.
[4] Half-space (on-wall) averaged 100 Hz – 10 kHz, 2.83V.
[5] Coverage angle (-6 dB) average between 600 Hz and 12 kHz.
[6] For protection against driving below resonant frequency and to keep transformer out of saturation.
[7] In vertical orientation

JBL continually engages in research related to product improvement. Changes introduced into existing products without notice are an expression of that philosophy.

Dimensions:



Dimensions in mm [inches]

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