Professional Series

Key Features:
- High impact, 150 Watt direct radiating pendant subwoofer with built-in passive crossover for up to four satellite speakers.
- 200 mm (8 in) long excursion driver.
- 8 ohm (150 Watt) and 70V/100V (100 Watt) operation.
- 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).

Applications:
The Control 60PS/T pendant subwoofer loudspeaker provides bass extension and high impact for high-fidelity sound systems in a wide variety of applications including restaurants, retail stores, music cafes, health clubs, theme bars, leisure venues, and other locations where full-range high fidelity foreground/background music systems are utilized. Featuring 150 Watt power handling and low distortion, the long excursion 200 mm (8 in) low frequency driver features butyl rubber surround for well-damped, tight sound quality and long-term reliability, and a polypropylene-coated cone for humidity protection. The high-temperature 50 mm (2 in) voice coil and low-mass fiberglass coil former ensure good bass transient response and excellent stability under high power, high-duty cycle, working conditions.

The Control 60PS/T may be driven by itself (or with other subwoofers) on an amplifier channel, sending it either a signal that has been actively low-passed earlier in the signal chain via DSP or a full-range signal, utilizing the built-in passive 125 Hz low-pass filter. The included passive crossover also provides high-passed satellite outputs for use with either two or four satellite loudspeakers (not for one or three satellite speakers), resulting in a full-range, wide-bandwidth, passively-crossover, mono subwoofer-satellite system. Using the built-in passive crossover is best suited for satellite speakers with sensitivities in the 82 dB to 86 dB (2.83V @ 1m) range, resulting in a well-balanced overall frequency response.

A 100 Watt multi-tap, wide-bandwidth, low-saturation transformer allows the speaker to be used on either a 70V/100V distributed speaker system or as a direct low-impedance 8Ω speaker. If satellite speakers are used on the 70V/100V systems, the satellite speakers should be low-impedance (8Ω to 16Ω each).

A loop out connector is provided on the subwoofer for looping the full-range input signal to other loudspeakers or to other subwoofer/satellite systems. Rubber boot covers for each locking connector protect the terminals and the optional MTC-PC60 full-top cover accessory adds additional terminal protection for when using outdoors.

Specifications:

System:
- Frequency Range: 40 Hz – 200 Hz
- Frequency Response (± 3 dB): 42 Hz – 150 Hz
- Power Capacity: 300 Watts Continuous Program Power, 100 lars 150 Watts Control Pink Noise, 100 lars
- Nominal Sensitivity (2.83V/1m): 98 dB
- Rated Maximum SPL: 107 dB @ 1 m (3.5 ft) average, 115 dB peak
- Transformer Taps: 115V, 55W; 90W (15V/75V), 115/W (150V/70V), 115/W.
- Transformer Insertion Loss: 0.9 dB @ 15W, 0.99 dB @ 30W, 0.94 dB @ 55W, 1.0 dB @ 70W.

Transducer:
- Frequency Range: 40 Hz – 200 Hz
- Frequency Response (± 3 dB): 42 Hz – 150 Hz
- Power Capacity: 300 Watts Continuous Program Power, 100 lars 150 Watts Control Pink Noise, 100 lars
- Nominal Sensitivity (2.83V/1m): 98 dB
- Rated Maximum SPL: 107 dB @ 1 m (3.5 ft) average, 115 dB peak
- Transformer Taps: 115V, 55W; 90W (15V/75V), 115/W (150V/70V), 115/W.
- Transformer Insertion Loss: 0.9 dB @ 15W, 0.99 dB @ 30W, 0.94 dB @ 55W, 1.0 dB @ 70W.

Enclosure:
- Enclosure Material: High impact polyurethane
- Grille: Zinc-plated steel grille with powder-coat finish, foam back (grille and grille back are removable for painting)
- Environmental: Exceeds Mil Spec 810 for humidity, salt spray, temperature & UV. IP44 capability per IEC 529 – splash proof rating
- Termination: Six removable locking 2-pin connectors with screw-down terminals. Input, Loop Out, Sat 1, Sat 2, Sat 3, Sat 4. Max wire 12 AWG (2.5 mm²).
- Suspension: Two identical suspension cable 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 suspension cable with spring-clips for clipping onto the loudspeaker bracket and Grippler™ brand adjustable-height cable fasteners for infinitely adjustable height. Cable has SWL rating of 45 kg (99 lb).
- Safety Agency: Speaker listed per UL1640 (IEC/EN), transformer registered per UL1870. In accordance with IEC60849-1(EN60849). Suspension system and Grippler™ brand cable fastener listed per UL1998 and UL22239. SUS, and UL Class 5460-01 & Class 432-81.
- Dimensions: 355 mm (13.9 in) diameter, 344 mm (13.6 in) height to top of cabinet. 369 mm (14.5 in) to top of suspension bracket.
- Net Weight: 7.6 kg (16.7 lb)
- Shipping Weight: 17.0 kg (38.7 lb) net per pair-packed carton
- Included Accessories: Two suspension cable systems (one “suspension”, above), six removable locking 2-pin euro-block connectors, six rubber cover boots for euro-block connectors.
- Optional Accessories: MTC-PC60 full top panel / terminal cover. Wire access holes in plastic cover to be drilled by installer to suit the number and dimensions of wires.
- Colors: Available in black or white (WH). Paintable.

1 Full space (suspended)
2 Continuous Pink Noise rating is IEC-shaped pink noise with a 6 dB crest factor for 100 hours continuously. Continuous Program power is conservative expression of the system's ability to handle normal speech and music program material, and is defined as 5 dB above the Continuous Pink Noise Rating.

JBL continually engages in research related to product improvement. Changes introduced into existing products without notice are an expression of that philosophy.
Control 60PS/T 8” Pendant Sub-Woofer with Crossover

Frequency Response:
Full Space (4π), suspended

Impedance:

Dimensions:

Using 2 Control 62P Satellite Loudspeakers
From Power Amplifier

Using Four Control 62P Satellite Loudspeakers
From Power Amplifier

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