

CONTROL[®] CONTRACTOR 40 S E R I E S



PREMIUM, IN-CEILING, SPECIALTY LOUDSPEAKERS

Control 47C/T
Wide Coverage

Control 47LP
Low Profile

Control 47HC
High Ceiling

Control 42C
Ultra-Compact Satellite

Control 40CS/T
High-Impact Subwoofer



Control 42C

Control 47C/T

Control 47LP*

Control 47HC*

*(shown with grille removed)

TOTAL COVERAGE

JBL Professional's Control® Contractor 40 Series line of premium in-ceiling loudspeakers offer outstanding pattern control for extremely consistent coverage combined with superior sonic performance. The Control 40 Series includes five models: the Control 47C/T, the Control 47LP, the Control 47HC, the Control 42C and the Control 40CS/T and features innovations such as our proprietary conical Radiation Boundary Integrator® (RBI™). The Control 40 Series is unmatched in its class and is built on over 60 years of JBL loudspeaker design, the result is outstanding performance and reliability housed in an elegant design.

Superior sound character, with smooth frequency response and extended bass • Exclusive RBI technology provides highly consistent sound throughout the listening space • Covers with fewer speakers • Specialty low-profile and high-ceiling models • Subwoofer-satellite system option • Elegant design fits any décor

A **MODEL** FOR EVERY APPLICATION

Ideal for a wide variety of applications, the Control 40 Series are perfect for applications ranging from restaurant and retail settings to large casinos and busy transit centers. The Control 47C/T is a two-way, wide coverage (120°) in-ceiling loudspeaker ideal for applications where extended bass is needed or where the space needs to be covered by as few speakers as possible. The Control 47LP is a low-profile model (only 5.6 inches deep) perfect for areas where ceiling access is limited while maintaining the same great sound character and coverage of the Control 47C/T. The Control 47HC features a narrow-coverage pattern making the system ideal for highly reverberant spaces and high ceiling applications. The focused pattern helps to improve intelligibility by minimizing disruptive oversplash and time arrival anomalies from adjacent loudspeakers. Rounding out the Control Contractor 40 Series line up is the Control 40CS/T, a direct radiating, 8" subwoofer with built-in passive crossover; and the Control 42C, an ultra-compact, in-ceiling satellite loudspeaker.



TECHNOLOGY

RBI™

RADIATION BOUNDARY INTEGRATOR®

All three Control 47 models (47C/T, 47LP & 47HC) incorporate JBL's proprietary conical Radiation Boundary Integrator (RBI) which is adapted from the groundbreaking VERTec® Series of line array loudspeakers. This unique JBL patent-pending innovation combines a large diameter high-frequency waveguide with low-frequency projection apertures that work in tandem to provide a seamless integration of coverage between the two coaxially-mounted drivers. The result is extremely consistent pattern control and coverage.

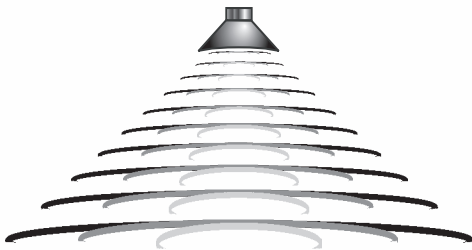


Control 40CS/T*



OTHER BRANDS

■ Low-Mid Frequency ■ High-Mid Frequency ■ Hi Frequency



JBL'S EXCEPTIONAL BROADBAND PATTERN CONTROL

■ Low-Mid Frequency ■ High-Mid Frequency ■ Hi Frequency



CONSISTENT COVERAGE

Well-controlled wide coverage from the Control 47C/T and Control 47LP allows the use of fewer speakers, substantially reducing overall system cost, while providing more consistent sound throughout the listening space. Narrow, focused coverage from the Control 47HC allows use in high ceiling locations and highly reverberant spaces.

JBL

SUBWOOFER SATELLITE SYSTEMS

Combine the Control 42C satellite speakers with Control 40CS/T subwoofer for a natural sounding and powerful Subwoofer-Satellite System that is perfect for applications requiring wide bandwidth and superior sonic performance.



Two Control 42C Satellites with Control 40CS/T Subwoofer

Frequency Range:	30 Hz - 20 kHz
Power Capacity:	200W program, 100W pink noise
Coverage (up to):	1200 sq. ft. at 10 ft. ceiling height
	2000 sq. ft. at 12 ft. ceiling height
	3500 sq. ft. at 15 ft. ceiling height
Nominal Impedance	8 ohms (in bypass setting on C40CS/T)
70V/100V taps:	60W, 30W, 15W (& 7.5W at 70V)
Termination:	Screw-down removable locking clip-in connectors

Four Control 42C Satellites with Control 40CS/T Subwoofer

Frequency Range:	30 Hz - 20 kHz
Power Capacity:	200W program, 100W pink noise
Coverage (up to):	2400 sq. ft. at 10 ft. ceiling height
	4000 sq. ft. at 12 ft. ceiling height
	7000 sq. ft. at 15 ft. ceiling height
Nominal Impedance	4 ohms (in bypass setting on C40CS/T)
70V/100V taps:	60W, 30W, 15W (& 7.5W at 70V)
Termination:	Screw-down removable locking clip-in connectors



SPECIFICATIONS

Control 47C/T

Wide Coverage	
Component:	6.5 in. (135 mm) woofer, 1" tweeter
Frequency Range:	50 Hz - 20 kHz
Power Capacity:	150W program, 75W pink noise
Sensitivity:	91 dB, 1W, 1m
Coverage:	120° conical, consistent broadband
Nominal Impedance:	8Ω
70V/100V Taps:	60W, 30W, 15W (7.5W at 70V only)
Termination:	Screw-down removable locking clip-in connector
Suspension Tabs:	3, on top panel
Included Accessories:	C-rings, tile rails, paint shield, cutout template
Dimensions:	Ø12.0 in (305 mm) x 10.2 in (259 mm) deep

Control 47LP

Low Profile	
Component:	6.5 in. (135 mm) woofer, 1" tweeter
Frequency Range:	68 Hz - 20 kHz
Power Capacity:	150W program, 75W pink noise
Sensitivity:	91 dB, 1W, 1m
Coverage:	120° conical, consistent broadband
Nominal Impedance:	8Ω
70V/100V Taps:	60W, 30W, 15W (7.5W at 70V only)
Termination:	Screw-down removable locking clip-in connector
Included Accessories:	C-rings, tile rails, paint shield, cutout template
Dimensions:	Ø12.0 in (305 mm) x 5.6 in (142 mm) deep

Control 47HC

High Ceiling	
Component:	6.5 in. (135 mm) woofer, 1" tweeter
Frequency Range:	55 Hz - 17 kHz
Power Capacity:	150W program, 75W pink noise
Sensitivity:	93 dB, 1W, 1m
Coverage:	Defined 75° conical, consistent broadband
Nominal Impedance:	8Ω
70V/100V Taps:	60W, 30W, 15W (7.5W at 70V only)
Termination:	Screw-down removable locking barrier strip
Suspension Tabs:	3, on top panel
Included Accessories:	C-rings, tile rails, paint shield, cutout template
Dimensions:	Ø13.6 in (346 mm) x 13.9 in (353 mm) deep

Control 42C

Ultra-Compact Satellite	
Component:	2.5 in. (60 mm) mid-high driver
Frequency Range:	160 Hz - 20 kHz
Power Capacity:	30W program, 15W pink noise
Sensitivity:	82 dB, 1W, 1m
Coverage:	160° conical
Nominal Impedance:	16Ω
Termination:	Screw-down removable locking clip-in connector
Optional Accessories:	MTC-C24C C-ring, MTC-Rail tile rails
Dimensions (H x W x D):	Ø5.0 in (127mm) x 3.8 in (97mm) deep

Control 40CS/T

High-Impact Subwoofer	
Component:	8 in. (200 mm) long-throw woofer
Frequency Range:	30 Hz - 280 Hz
Power Capacity:	200W program, 100W pink noise
Sensitivity:	95 dB (near corner), 89 dB (center of ceiling), 1W, 1m
Nominal Impedance:	8Ω
70V/100V Taps:	60W, 30W, 15W (7.5W at 70V only)
Termination:	Screw-down removable locking clip-in connector
Satellite Outputs:	Connectors for 2 or 4 Control 42C satellite speakers
Included Accessories:	C-rings, tile rails, paint shield, cutout template
Dimensions:	Ø13.6 in. (346 mm) x 13.6 in. (346 mm) deep

TAP SELECTOR



Control 47C/T, 47LP, 47HC and 40CS/T provide low-saturation transformers for use on 70V/100V distributed line, switchable for 8Ω bypass.



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