

# Soundtube CM42-EZs-II-BK 4in COAXIAL IN-CEILING SHALLOW BACKCAN SPEAKER/Black

System Type	4-inch, coaxial, in-ceiling, sealed (20-watt transformer or 25/70.7/100-volt or transformer bypass)	
Impedance (nominal)	16ohm	
Sensitivity dB@ 2.83 V/1 m	84.5 dB	
Sensitivity dB @ 1 W/1 m 1	87.5 dB	
Sensitivity dB@1W/4m	74.2 dB	
Frequency Response (-3 dB) <sup>2</sup>	160 Hz-20 kHz	
Frequency Response (-10 dB) <sup>7</sup>	125 Hz-22 kHz	
Max. Program Power <sup>3</sup>	40 W	
Max. Continuous Power RMS <sup>1</sup>	20 W	
Max. Power SPL @1 ms	100.5 dB	
Max.PowerSPL@4 m 5	87.6 dB	
Coverage Angle Horizontal @-6dB	500Hz	179°
	1Khz	172°
	2Khz	161°
	4Khz	101°
Coverage Angle Vertical @-6dB	500Hz	178°
	1Khz	170°
	2Khz	160°
	4Khz	86°
Coverage Angle (Avg. 2-10 kHz)	100°	
Directivity Factor (Q)	4.3 (averaged 100 Hz -10 kHz); 4.2 (2 kHz)	
Directivity Index (DI) dB	5.7 dB (averaged 100 Hz -10 kHz); 6.2 dB (2 kHz)	
Tap Selector	Six-position rotary switch with transformer bypass position	
Transducer- Low-Frequency Driver	102 mm (4 in.) Treated fiber cone, cloth surround	
Transducer - High-Frequency Driver	19 mm (0.75 in.) Silk dome tweeter	
Low-Frequency Voice Coil	12.70 mm (0.50 in.)	
Crossover Frequency	5.0 kHz	
Network Type: Low-Pass	12dB per octave, 2nd order	
Network Type: High-Pass	6 dB per octave, 1st order	
Enclosure Alignment	Sealed	
Enclosure Material	Drawn steel backcan with ABS baffle	
Grille	Painted Steel	
Inputs	4 position ceramic terminal strip	
Colors	Black or white	
Backcan Diameter	146.8 mm (5.78 in.)	
Backcan Height	95.3 mm (3.75 in.)	
Visible Diameter	190.5 mm (7.50 in.)	
Visible Height	8.4 mm (0.33 in.)	
Mounting Hole Diameter	165.1 mm (6.50 in.)	
Min. / Max. Ceiling Thickness	0.0 mm (0.0 in.) - 24.6 mm (0.97 in.)	
Weight	1.8 kg (4.0 lb.)	
Shipping Weight	2.3 kg (5.0 lb.)	
Included Accessories	Tie bridge, UL-listed flex conduit clamp, paint shield, hole template, wire nuts	
Optional Accessories	Pre-construction bracket (AC-CM4-PCB); Junction box (AC-CM-EZ-JBOX)	
Packaging	One per box	
Regulatory - UL	1480 (UEAY) and 2043 approved	
Regulatory - CE	Approved	