

# Soundtube CM62-EZS-II-LDS-BK 6 inch 2-Way Ceiling Speaker/New Design/Short Can/Black

System Type	6.5-inch coaxial, in-ceiling, sealed (32-watt transformer for 25/70.7/100-volt or transformer bypass)
Impedance (nominal)	16 ohm
Sensitivity dB @ 2.83 v/1 m	87.5 dB
Sensitivity dB @ 1 W/1m	90.5 dB
Frequency Response (- 3 dB)	135 Hz - 22 kHz
Frequency Response (-10 dB)	75 Hz - 22 kHz
Max. Program Power <sup>3</sup>	100W
Max. Continuous Power RMS	50W
Max. Power SPL @ 1 m	107.5 dB
Coverage Angle (-6 dB @ 2 kHz)	140°
Coverage Angle (-6 dB @ 10 kHz)	105°
Coverage Angle (averaged 2 - 10 kHz)	80°
Directivity Factor (Q)	5.1 (averaged 100 Hz - 10 kHz) ; 5.2 (2 kHz)
Directivity Index (DI) dB	6.2 dB (averaged 100 Hz - 10 kHz) ; 7.2 dB (2 kHz)
Tap Selector	Six-position rotary switch with transformer bypass position
Transducer - Low-Frequency Driver	165 mm (6.50 in) Treated fiber cone, cloth surround
Transducer - High-Frequency Driver	25.4 mm (1.00 in ) Silk tweeter
Low-Frequency Voice Coil	25.4 mm (1.00 in)
Crossover Frequency	4.0 kHz
Network Type: Low Pass	12 dB 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 (paintable)
Inputs	18-Gauge hard-wired leads
Color	Black
Backcan Diameter	245.6 mm (9.67 in)
Backcan Height	95.3 mm (3.75 in)
Visible Diameter	298.5 mm (11.75 in)
Visible Height	8.6 mm (0.34 in)
Mounting Hole Diameter	266.7 mm (10.50 in)
Min. / Max. Ceiling Thickness	0.9 mm (0.04 in) – 40.6 mm (1.60 in)
Weight	3.2 kg (7.0 lbs)
Shipping Weight	3.6 kg (8.0 lbs)
Packaging	One per box
Regulatory - UL	1480 (UEAY) and 2043 approved
Regulatory - CE	Approved
RoHS	Approved