

# Soundtube CM82-BGM-BK 8in COAXIAL IN-CEILING BACKGROUND MUSIC SPEAKER/Black

System Type	8-inch coaxial, in-ceiling, ported (64-watt transformer for 25/70.7/100-volt or transformer bypass)
Impedance (nominal) <sup>1</sup>	16 ohm
Sensitivity dB @ 2.83 V/1 m	86.0 dB
Sensitivity dB @ 1 W/1 m <sup>2</sup>	89.0 dB
Frequency Response (-3 dB) <sup>3</sup>	70 Hz-18 kHz
Frequency Response (-10 dB) <sup>3</sup>	65 Hz - 22 kHz
Max. Program Power <sup>4</sup>	128W
Max. Continuous Power RMS <sup>5</sup>	64 W
Max. Power SPL @ 1 m <sup>6</sup>	107.0 dB
Coverage Angle (-6 dB @ 2 kHz)	105°
Coverage Angle (-6 dB @ 10 kHz)	40°
Coverage Angle (averaged 2-10 kHz)	95°
Directivity Factor (Q)	5.4 (averaged 100 Hz -10 kHz); 7.2 (2 kHz)
Directivity Index (DI)	5.5 dB (averaged 100 Hz -10 kHz); 8.6 dB (2 kHz)
Tap Selector	Six-position rotary switch with transformer bypass position
Transducer - Low-Frequency Driver	203 mm (8.0 in.) Polypropylene cone, butyl rubber surround
Transducer - High-Frequency Driver	25 mm (1.0 in.) Silk dome tweeter
Low-Frequency Voice Coil	25.4 mm (1.0 in.)
Crossover Frequency	3.0 kHz
Network Type: Low Pass	12 dB per octave, 2nd order
Network Type: High Pass	12 dB per octave, 2nd order
Enclosure Material	Drawn steel backcan with ABS baffle
Grille	Painted steel
Inputs	Ceramic terminal connector
Colors	Black or white
Backcan Diameter	245.6 mm (9.67 in.)
Backcan Height	203.2 mm (8.0 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 (0.035 in.) - 40.6 mm (1.6 in.)
Weight	4.1 kg (9.0 lbs.)
Shipping Weight	4.5 kg (10.0 lbs.)
Packaging	One per box
Included accessories	Tile bridge, UL-listed flex conduit clamp, paint shield
Optional accessories	Pre-construction bracket (AC-CMEZ-6/8-PCB)
Regulatory - UL	UL 1480 and 2043
Regulatory - CE	Approved
RoHS	Approved