

## Soundtube CM82-EZ-II 8 inch Coax In-Ceiling Speaker/65Hz-22kHz

Nominal Impedance	16 ohm
Impedance (min)	17.2 ohm
Sensitivity dB @ 2.83V/1M	86.0dB
Sensitivity dB @ 1W/1M (2)	89.0dB
Frequency Response ( $\pm 3$ dB)	92 Hz - 18 kHz
Frequency Response ( $\pm 10$ dB)	65 Hz - 22 kHz
Max. Program Power	128W
Max. Continuous Power RMS	64W
Max. Power SPL @ 1 M	107.0dB
Max. SPL @ 3dB distortion	20W
Directivity Factor (Q) (Averaged 100Hz - 10kHz, @ 2kHz)	5.4 (Average 100 Hz - 10 kHz) 7.2 (2 kHz)
Directivity Index (DI) dB (Averaged 100Hz - 10kHz, @ 2kHz)	5.5dB (Average 100 Hz - 10 kHz) 8.6 dB (2 kHz)
Tap Selector	6 Position rotary switch with transformer bypass
70.7 Volt Transformer Taps	64w / 107.0dB
100 Volt Transformer Taps (dB)	64w / 107.0dB
25 Volt Transformer Taps (dB)	8w / 98.0dB
Transformer Options	25 / 70.7 / 100 Volt 16 Ohm direct
Transducer - Low Frequency Driver	8" Polypropylene Cone w/ Butyl Rubber Surround
Transducer - High Frequency Driver	1" Silk Dome
Network Type: Low Pass	6dB per octave, 1st order
Network Type: High Pass	6dB per octave, 1st order
Angle	105
Coverage Angle (-6 dB @ 2 kHz)	105
Colors	Black / White / Custom
Connections	4 position ceramic terminal strip
Inputs	4 position ceramic terminal connector
Backcan Diameter	245.6 mm / 9.67 in
Backcan Height	146.1 mm / 5.75 in
Visible Diameter	298.5 mm / 11.75 in
Visible Height	8.6 mm / 0.34 in
Mounting Hole Diameter	266.7 mm / 10.5 in
Weight	4.1 kg / 9 lbs
Shipping Weight	4.5 kg / 10 lbs
Accessories Included	UL-Listed Flex Conduit Clamp, Paint Shield, Wire Nuts, Paint Mask, Tile Bridge
Packaging	1 per box
Regulatory - UL	Approved UL1480A & UL2043
Regulatory - CE	Approved
Regulatory - RoHS	approved
Regulatory - IP	not planned