

# Soundtube CM82-EZ-FS-WH 8in COAXIAL IN-CEILING FIRE SIGNALLING SPEAKER/White

System Type	8-inch coaxial, in-ceiling, sealed (10-watt transformer for 25/70.7/100-volt applications)
Impedance (nominal) <sup>1</sup>	16 ohm
Sensitivity dB @ 2.83 V/1 m	86 dB
Sensitivity dB @ 1 W/1 m <sup>2</sup>	89 dB
Frequency Response (-3 dB) <sup>3</sup>	92 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>	99.0 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	Five-position rotary switch
Transducer - Low-Frequency Driver	203 mm (8 in.) Polypropylene cone, butyl rubber surround
Transducer - High Frequency Driver	25.4 mm (1.0 in.) silk dome tv;tjcter
Low-Frequency Voice Coil	25.4 mm (1.00 in.)
Crossover Frequency	3.0 kHz
Network Type: Low Pass	6 dB per octave, 1st order
Network Type: High Pass	6 dB per octave, 1st order
Enclosure Material	Drawn steel backcan with ABS baffle
Grille	Steel with painted finish
Inputs	Ceramic terminal strip
Colors	Black or white
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 (10.50 in.)
Min - Max Ceiling Thickness	0.9 mm (0.04 in.) - 40.6 mm (1.60 in.)
Weight	4.1kg (9.0 lbs.)
Shipping Weight	4.5 kg (10.0 lbs.)
Included accessories	Tile bridge, UL-listed flex conduit clamp, paint shield,
Optional accessories	Preconstriction bracket (ACCM-EZ-STCB), junction box (ACCM-EZ-JBOX)
Packaging	One per box
Regulatory - UL	UL 1480 (UUMW) and 2043 listed
Regulatory - CE	Approved
RoHS	Approved