

C-840

6.5" 2-Way Ceiling Speaker

40 W • 100 V / 70 V / 8 Ω • 96 dB • 60 Hz – 20 kHz

Ø 243

mm cut-out

121

dB max. SPL

150°

radiation angle



Slim-Line
Ceiling Speaker



6.5" Bass
1.5" Tweeter



40 W
80 W Max.



100 V / 70 V / 8 Ω
Power Tapping



Magnetic
Frameless Grille



Flush
Mount

Key Features

- ✓ High-grade, slim-line 2-way ceiling speaker.
- ✓ 100 V / 70 V line ceiling speaker with built-in transformer and ABS back can.
- ✓ Hi-flex polypropylene cone main driver for extended low-frequency response.
- ✓ Built-in crossover for clear highs and powerful bass.
- ✓ 6.5" hi-flex polypropylene bass driver with separate high-performance 1.5" tweeter.
- ✓ Power taps: 40 / 20 / 10 / 5 W & 8 Ω.
- ✓ Magnetic frameless grille, ABS baffle and ABS fire dome.
- ✓ Dual breathing holes for superior heavy-duty bass performance.
- ✓ Flush mount for easy and secure installation.
- ✓ Exclusive grille design allows a true frameless look.

Specifications

Model	C-840
Description	6.5" 2-Way Ceiling Speaker
Power Output	40 W / 80 W max (8 Ω)
Power Taps (100 V / 70 V)	40 / 20 / 10 / 5 W & 8 Ω
Sensitivity (1 W / 1 m)	96 dB
Max. SPL	121 dB
Frequency Response	60 Hz – 20 kHz
Radiation Angle	150°
Speaker Unit	6.5" bass + 1.5" tweeter, 2-way system
Finish	Baffle: ABS, black • Grille: magnetic steel, white • ABS fire dome
Cut-out Size	Ø 243 mm
Dimensions (Ø × D)	Ø 284.3 × 192 mm
Net Weight	2.75 kg



Front & Rear View



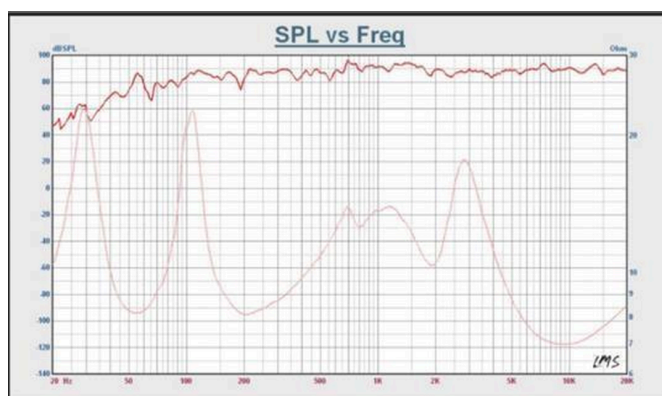
Front (grille removed)



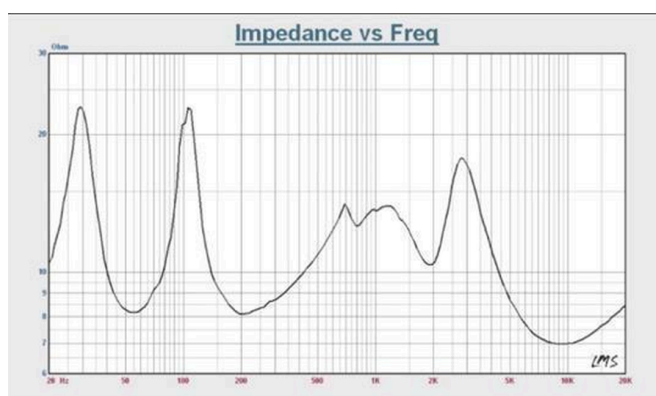
Rear

SPL & Impedance vs Frequency

SPL vs Frequency



Impedance vs Frequency



Tender Specification

The ceiling loudspeaker shall be a slim-line 2-way design with a 6.5" hi-flex polypropylene cone bass driver, a separate 1.5" tweeter and a built-in crossover. It shall incorporate a 100 V / 70 V line transformer with power taps of 40 W, 20 W, 10 W and 5 W, or operate at 8 Ω (80 W max). Frequency response shall be 60 Hz – 20 kHz, with a sensitivity of 96 dB (1 W / 1 m), a maximum SPL of 121 dB and a 150° radiation angle. The baffle shall be black ABS with an ABS fire dome, dual breathing holes and a white magnetic steel frameless grille, for flush mounting. Dimensions shall be $\varnothing$ 284.3 $\times$ 192 mm, with a cut-out of $\varnothing$ 243 mm and a net weight of 2.75 kg.