

6.5" Two-Way In-Ceiling Loudspeaker



CS-650-RSM

A summed-mono variant of the CS-650-R, the CS-650-RSM allows "single-speaker stereo" operation at modest cost and with very good sound quality. It is ideally suited to distributed-music and other low-visual-impact applications in which some individual speakers must be fed from two-channel sources. A typical installation would be one in which some rooms (bedrooms, for example) could accommodate true two-speaker stereo while others, such as hallways and large common rooms, could not. In the latter, a more natural sound is usually achieved when every speaker delivers the same output.

The direct-radiating CS-650-RSM takes full advantage of the latest materials technology to come as close as possible to the sound and performance of our horn models, allowing easy mixing of the two types. Its 6.5-inch polymer-cone woofer has a durable rubber surround and a large motor structure for high sensitivity and strong bass output. Dual voice coils sum the low-frequencies from a stereo input to mono. Upper frequencies are handled individually for the two channels by a coaxially mounted dual-tweeter array, preserving stereo effect. The two 1-inch polymer-dome drivers are liquid-cooled for maximum power handling and reliability.

The CS-650-RSM's rugged ABS frame ensures long, trouble-free operation. And the speaker's 8-ohm impedance is compatible with all amplifiers. The white frame and grille can be painted to match the ceiling.

- Single speaker accepts two-channel input
- Separate tweeters for each channel to maintain stereo effect
- Rugged ABS frame
- Shallow 4.5-inch mounting depth
- Paintable to match ceiling

SPECIFICATIONS

BANDWIDTH	58Hz-20kHz \pm 3dB
SENSITIVITY	91dB @ 2.83 volts/1 meter
NOMINAL IMPEDANCE	8 ohms compatible
CROSSOVER FREQUENCY	3000Hz
POWER HANDLING	35 watts (140 watts peak)
ENCLOSURE TYPE	Infinite baffle system
DRIVE COMPONENTS	Two-way system using two 1" (2.5cm) polymer dome tweeters and one 6.5" (16.5cm) dual voice coil polymer cone woofer
WIRE GAUGE ACCOMMODATED	12
WEIGHT	3.5 lbs. (1.6kg)
DIAMETER	9.5" (24.1cm)
MOUNTING DEPTH	4.5" (11.4cm)
CUTOUT DIMENSIONS	8.1" (20.6cm)
FINISH	White
INSTALLATION KIT	R-650-IK



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