

6.5" Two-Way Pivoting In-Ceiling Loudspeaker



CDT-2650-SC

With installed home theater systems becoming more popular than ever, Klipsch designed the CDT-2650-SC in-ceiling surround speaker to meet the market's demand for an enveloping audio solution that easily challenges the inherent limitations of fixed locations.

Thanks to a new patent-pending gimbal mechanism, known as Controlled Dispersion Technology™ (CDT), both the high and low frequencies of the CDT-2650-SC can be directed towards the listening area.

The CDT-2650-SC features dual 0.75-inch silk tweeters angled opposite one another. The speaker's 6.5-inch polymer woofer can rotate a full 360 degrees and then shift 15 degrees in any direction.

In order to deliver both rich, immersion surround sound and precise localization of individual effects, the CDT-2650-SC features Klipsch's Wide Dispersion Surround Technology™ (WDST). Careful alignment of two silk tweeters, angled opposite one another, yields an exceptionally wide dispersion pattern, delivering a smooth, broad distribution of sound ideal for every surround-sound format and for music as well as movies.

Available in a white finish, the paintable CDT-2650-SC can be paired with the Klipsch IK-650-C installation kit (sold separately). This revolutionary kit design incorporates a mud ring, breakaway wire tie

and color-coded brackets for easy speaker size identification. It also includes perforated metal wings that easily fasten to the studs via screws, staples or nails. Painted white for easy marking and placement, these metal wings can be folded around the edge of the studs if necessary.

- Good sensitivity and power handling
- Rugged ABS frame
- Paintable to match ceiling

SPECIFICATIONS

FREQUENCY RESPONSE	77Hz-20kHz ± 3dB
SENSITIVITY	92dB @ 1 watt/1 meter
NOMINAL IMPEDANCE	8 ohms
CROSSOVER FREQUENCY	2280Hz
POWER HANDLING	50 watts (200 watts peak)
ENCLOSURE/MATERIAL TYPE	ABS/Infinite Baffle, front flush
DRIVE COMPONENTS	Two-way system using dual .75" (1.9cm) silk dome tweeters and one 6.5" (16.51cm) pivoting poly woofer
WIRE GAUGE ACCOMMODATED	12
WEIGHT	6.5 lbs. (2.9kg)
DIAMETER	9.5" (24.1cm)
MOUNTING DEPTH	4.5" (11.4cm)
CUT OUT DIMENSIONS	8.3" (21cm)
INSTALLATION KIT	IK-650-C (sold separately)
FIRE RATED ENCLOSURE	ME-650-C (sold separately)

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1-800-KLIPSCH

