

CDT-3650-C II



UPDATED WITH THE LATEST TECHNOLOGY

The Klipsch CDT-3650-C II maintains the core technology use of a rigid 1" Aluminum compression driver (tweeter) mated to an exclusive Tractrix® Horn combined with a 6.5" IMG woofer in a 2-way design. Now with a new low-profile, more elegant grille and refinements to both high frequency and low frequency reproduction, it continues as a high-performance choice for everything from 2-channel music playback to full, large room surround sound use.

THE UPDATE FOR YOUR EYES: THE NEW SLIMTRIM™ GRILLE

With an all new grille, the visible frame size is reduced by 90% and grill depth is reduced by 80% over the previous design, for a more edge-to-edge consistent look that blends in with the wall more attractively. The new aluminum, paintable, magnetic grille attaches tightly and securely with ease to virtually eliminate resonant distortion.

KLIPSCH EXCLUSIVE CONTROLLED DISPERSION TECHNOLOGY™ (CDT)

Klipsch horn-loaded technology increases acoustic output while significantly reducing distortion. Proprietary Controlled Dispersion Technology allows for both the symmetrical, 100° Tractrix Horn compression driver (tweeter) and woofer to be independently aimed toward the main listening area. The tweeter swivels while the woofer rotates 360° and pivots 15° in any direction. The precisely controlled dispersion of the horn-loaded tweeter assures that high frequencies are more effectively directed towards the listening area than typical amiable, broad dispersion, standard dome tweeters. This, combined with the woofer's ability to also direct more narrowly dispersed midbass frequencies, yields overall sound with more lifelike impact, greater detail and better vocal clarity.

ALUMINUM DIAPHRAGM COMPRESSION DRIVER (TWEETER) WITH LINEAR TRAVEL SUSPENSION (LTS)

Combined with the Tractrix Horn, the one-inch stiff, yet lightweight, metallic diaphragm works in conjunction with a precise phasing plug at the horn throat to create a very efficient driver with excellent transient response and lack of distortion. The new Linear Travel Suspension assures the most precise diaphragm excursion, increasing high-frequency detail and smoothness.

MACHINE-SPUN IMG WOOFER

The solid Injection Molded Graphite woofer cone has been strengthened for even more accurate bass reproduction.

TREBLE ATTENUATION SWITCH

For reduction of high frequency output in challenging install applications such as overly reflective rooms, allowing for a better frequency balance.

SURE-GRIP MOUNTING DOGS

Provide even pressure against drywall for long-term installation reliability.

COMPATIBLE WITH THE KLIPSCH IK-650-C INSTALL KIT

For increased mounting flexibility and pre-install marking during new construction.

COMPATIBLE WITH THE KLIPSCH ME-650-C FIRE-RATED SPEAKER ENCLOSURE

For meeting building codes and/or reduction of transferred sound between rooms.

SPECIFICATIONS		CDT-3650-C II
Frequency Response		63Hz-23KHz ± 3dB
Sensitivity		93dB @ 2.83V / 1m
Nominal Impedance		8 ohms compatible
Crossover Frequency		2800Hz
Power Handling		50W RMS / 200W Peak
Recommended Amplifier Power		100 W
High Frequency Driver		1" (2.54cm) Aluminum diaphragm compression driver mated to a swiveling 100° round Tractrix® Horn
Low Frequency Driver		6.5" (16.51cm) pivoting IMG cone woofer
Enclosure Material/Type		ABS/Infinite baffle, front flush with wall
Wire Gauge Accommodated		12 ga
Diameter		9.5" (24.13cm)
Cutout Dimensions		8.3" (21.08cm)
Mounting Depth		4.5" (13.72cm)
Weight		6.8 lbs. (3.08kg)
Finish		White paintable frame and grille
Installation Kit		IK-650-C (sold separately)
Fire Rated Enclosure		ME-650-C (sold separately)
Built From		2012