

R-5650-W II



UPDATED WITH THE LATEST TECHNOLOGY

The Klipsch R-5650-W II maintains the core technology use of a premium 1" Titanium compression driver (tweeter) mated to an exclusive Tractrix® Horn combined with a 6.5" Cerametallic™ woofer in a 2-way design. Now with a new low-profile, more elegant grill 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 grille 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.

PIVOTING TRACTRIX HORN

Klipsch horn-loaded technology increases acoustic output while significantly reducing distortion. The horn's +/- 15° pivoting capability allows its 90° x 60° dispersion pattern to be aimed directly at the main listening area. This feature sends more direct sounds to the listener and less reflected sounds for more detailed sound, wider dynamics and better vocal clarity.

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

Combined with the Tractrix Horn, the one-inch, solid-formed, very lightweight metallic diaphragm works in conjunction with a precise phasing plug at the horn throat to create a highly 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 CERAMETALLIC™ WOOFERS

The solid Aluminum diaphragm, anodized to add stiffness and provide perfect damping, has a new hi-tech look that also delivers increased rigidity for even tighter, more defined bass. The new integrated dust cap further strengthens the cone and helps ventilate the voice coil for increased driver durability.

PREMIUM, HIGH DEFINITION NETWORK

The perfect blending between drivers for full bandwidth balanced response.

TREBLE AND MIDBASS ATTENUATION SWITCHES

Allows reduction of high and/or low frequency output in challenging install applications such as overly reflective rooms or corner placement, allowing a better frequency balance.

FRONT IR KNOCKOUT

Allows installation of standard, .5" tube-type, IR repeater device.

SURE-GRIP MOUNTING DOGS

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

COMPATIBLE WITH THE KLIPSCH IK-650-W INSTALL KIT

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

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

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

| SPECIFICATIONS | R-5650-W II |
|-----------------------------|---|
| Frequency Response | 52Hz-23KHz ± 3dB |
| Sensitivity | 93dB @ 2.83V / 1m |
| Nominal Impedance | 8 ohms compatible |
| Crossover Frequency | 2500Hz |
| Power Handling | 50W RMS / 200W Peak |
| Recommended Amplifier Power | 100 W |
| High Frequency Driver | 1" (2.54cm) Titanium dome compression driver mated to 4" (15.24cm) square 90° x 60° Tractrix® Horn |
| Low Frequency Driver | 6.5" (16.51cm) Cerametallic™ cone woofer |
| Enclosure Material/Type | ABS/Infinite baffle, front flush with wall |
| Wire Gauge Accommodated | 12 ga |
| Dimensions | 14.3" H (36.32cm) x 9.3" W (23.62cm) |
| Cutout Dimensions | 13" H (33.02cm) x 8" W (20.32cm) |
| Mounting Depth | 3.75" (9.5cm) |
| Weight | 7.2 lbs. (3.25kg) |
| Finish | White paintable frame and grille |
| Installation Kit | IK-650-W (sold separately) |
| Built From | 2012 |