

R-5502-W II



VERSATILE LCR SPEAKER UPDATED WITH THE LATEST TECHNOLOGY
The Klipsch R-5502-W II maintains the core technology use of a premium 1" Titanium compression driver (tweeter) mated to an exclusive Tractrix® Horn combined with dual 5.25" Cerametallic™ woofers in a 2-way design. The R-5502-W II is perfect as a very powerful front right, left or center channel speaker and can fill the largest rooms with sound. Now with a new low profile, more elegant grille and refinements to both high frequency and low frequency reproduction, it continues as the perfect 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 90° x 90° dispersion pattern directs high frequencies identically whether speaker is mounted vertically or horizontally (as a center). Horn pivots +/- 15° to aim sound 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 dual woofers utilize solid Aluminum diaphragms, anodized to add stiffness and provide perfect damping, and have a new hi-tech look that also delivers increased rigidity for even tighter, more defined bass. The new integrated dust caps further strengthen the cones and help ventilate the voice coils for increased driver durability.

PREMIUM, HIGH DEFINITION NETWORK
The perfect blending between drivers for full bandwidth balanced response.

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-502-W INSTALL KIT
For increased mounting flexibility and pre-install marking during new construction.

SPECIFICATIONS	R-5502-W II
Frequency Response	46Hz-20KHz ± 3dB
Sensitivity	92dB @ 2.83V / 1m
Nominal Impedance	8 ohms compatible
Crossover Frequency	2200Hz & 1300Hz
Power Handling	75W RMS / 300W Peak
Recommended Amplifier Power	130 W
High Frequency Driver	1" (2.54cm) Titanium diaphragm compression driver mated to pivoting 90° x 90° square Tractrix® Horn
Low Frequency Driver	Dual 5.25" (13.34cm) Cerametallic™ cone woofers
Enclosure Material/Type	ABS/Infinite baffle, front flush with wall
Wire Gauge Accommodated	12 ga
Dimensions	17.75" H (45.09cm) x 8" W (20.32cm)
Cutout Dimensions	16.5" H (41.91cm) x 6.5" W (16.51cm)
Mounting Depth	3.5" (8.89cm)
Weight	6.5 lbs. (2.95kg)
Finish	White paintable frame and grille
Installation Kit	IK-502-W (sold separately)
Built From	2012