

## R-5650-S II



### SURROUND SPEAKER UPDATED WITH THE LATEST TECHNOLOGY

The Klipsch R-5650-S II maintains the core technology use of dual 1" Titanium compression drivers (tweeters) mated to dual Tractrix® Horns, vertically stacked and skewed to maximize ambience, 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 the perfect choice for surround speakers in either a 5.1 or 7.1 configuration.

### 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.

### KLIPSCH EXCLUSIVE WIDE DISPERSION SURROUND TECHNOLOGY (WDST™)

The precise alignment of two controlled dispersion Tractrix Horn tweeters angled opposite of one another yields an incredibly wide dispersion pattern for ambient sound. This feature, perfect for surround sound information, also allows for a speaker with flexible placement compared to competing surround speaker designs.

### TITANIUM DIAPHRAGM COMPRESSION DRIVERS (TWEETERS) WITH LINEAR TRAVEL SUSPENSIONS (LTS)

Combined with the Tractrix Horns, the one-inch, solid-formed, very lightweight metallic diaphragms work in conjunction with precise phasing plugs at the horn throats to create highly efficient drivers with excellent transient response and lack of distortion. The new Linear Travel Suspension on each tweeter 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.

### 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-S II
Frequency Response		46Hz-20KHz ± 3dB
Sensitivity		92dB @ 2.83V / 1m
Nominal Impedance		8 ohms compatible
Crossover Frequency		2200Hz & 1300Hz
Power Handling		50W RMS / 200W 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		13" H (33.02cm) x 8" W (20.32cm)
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