

# R-3650-W II



## UPDATED WITH THE LATEST TECHNOLOGY

The Klipsch R-3800-W 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 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.

## 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.

## FRONT IR KNOCKOUT

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

## 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-W FIRE-RATED SPEAKER ENCLOSURE

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

## SPECIFICATIONS

FREQUENCY RESPONSE	60Hz - 23KHz +/- 3dB
SENSITIVITY	92dB @ 2.83V / 1m
NOMINAL IMPEDANCE	8 ohms compatible
CROSSOVER FREQUENCY	2200Hz
POWER HANDLING	50W RMS / 200W Peak
RECOMMENDED AMPLIFIER POWER	100 W
HIGH FREQUENCY DRIVER	1" (2.54cm) aluminum dome compression driver mated to a 4" (15.24cm) square 90° x 60° pivoting Tractrix® Horn
LOW FREQUENCY DRIVER	6.5" (16.51cm) IMG 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" (33.02cm) x 8" (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)
FIRE RATED ENCLOSURE	ME-650-W (sold separately)
BUILT FROM	2012