

# Signature Reference Series

IN-WALL SPEAKERS



REDEFINING THE WAY YOU EXPERIENCE SOUND.™

# RBH Sound Signature Reference Series In-wall Speakers

Setting the standard by which all other RBH Sound speakers are measured, the Signature Reference Series offers the luxury of the Signature Series speakers with the extreme performance of reference-grade components. The tweeters have been upgraded to a high performance tweeter from Denmark. Compared to the standard Signature Series tweeter, this tweeter has a larger motor structure, increased power handling and improved resolution. The aluminum cone woofers that give the Signature Series its great bass to upper mid-range performance are replaced with an even more advanced aluminum cone woofer featuring a fixed-position phase plug. The addition of this phase plug extends the frequencies, resulting in increased sonic clarity. The crossover network components have been modified to manage the higher quality driver components while providing increased audio quality and power handling.

All RBH Sound Signature Reference in-wall speakers include a rigid MDF (medium density fiberboard) enclosure and are intended for new construction or renovation applications. The SI-740/R, SI-760/R, SI-663/R and SI-6100/R are designed to fit in a standard 16-inch (on center) stud-framed wall. The SI-770/R is specifically designed to fit in custom-built entertainment centers.

RBH Sound's Signature Reference in-wall speakers are for someone who wants purity of sound built into their home, which until now, has only been available in high-end freestanding loudspeakers.



SI-770/R

SI-740/R

SI-760/R

SI-663/R

SI-6100/R

## SI-740/R

2-Way In-wall Speaker

<b>Frequency Response:</b>	60Hz-20kHz ( $\pm 3$ dB)
<b>Sensitivity:</b>	88dB (2.83V @ 1 Meter)
<b>Recommended Power:</b>	75-175 Watts
<b>Woofer(s):</b>	(1) 6-1/2" (165mm) Reference Aluminum
<b>Tweeter(s):</b>	(1) 1" (25mm) Reference Silk Dome
<b>Crossover Frequency:</b>	2,700 Hz
<b>Impedance:</b>	8 Ohms
<b>Baffle/Vent Dimensions:</b>	8-1/8" W x 12-7/8" H (206mm W x 327mm H)
<b>Enclosure Dimensions:</b>	14" W x 28" H x 3-1/2" D (356mm W x 711mm H x 89mm D)
<b>Weight:</b>	31 lbs. (14.06 kg)
<b>Signature Version:</b>	SI-740
<b>Cross-reference:</b>	Signature Series 61-SE/R

## SI-760/R

2-Way In-wall Speaker

<b>Frequency Response:</b>	60Hz-20kHz ( $\pm 3$ dB)
<b>Sensitivity:</b>	90dB (2.83V @ 1 Meter)
<b>Recommended Power:</b>	75-250 Watts
<b>Woofer(s):</b>	(2) 6-1/2" (165mm) Reference Aluminum
<b>Tweeter(s):</b>	(1) 1" (25mm) Reference Silk Dome
<b>Crossover Frequency:</b>	2,700 Hz
<b>Impedance:</b>	6 Ohms
<b>Baffle/Vent Dimensions:</b>	8-1/8" W x 20-1/4" H (206mm W x 514mm H)
<b>Enclosure Dimensions:</b>	14" W x 28" H x 3-1/2" D (356mm W x 711mm H x 89mm D)
<b>Weight:</b>	33 lbs. (15.20 kg)
<b>Signature Version:</b>	SI-760
<b>Cross-reference:</b>	Signature Series 661-SE/R

## SI-663/R

In-wall/LCR Dual 2-way Speaker

<b>Frequency Response:</b>	50Hz-20kHz ( $\pm 3$ dB)
<b>Sensitivity:</b>	90dB Main, 88dB Center, and 92dB Combined (2.83V @ 1 Meter)
<b>Recommended Power:</b>	75-225 Watts Main, 75-175 Watts Center and 75-450 Watts Combined
<b>Woofer(s):</b>	(3) 6-1/2" (165mm) Reference Aluminum
<b>Tweeter(s):</b>	(2) 1" (25mm) Reference Silk Dome
<b>Crossover Frequency:</b>	2,700 Hz
<b>Impedance:</b>	8 Ohms Main, 6 Ohms Center and 4 Ohms Combined
<b>Baffle/Vent Dimensions:</b>	8" W x 32" H (203mm W x 812mm H)
<b>Enclosure Dimensions:</b>	14" W x 56" H x 3-1/2" D (356mm W x 1422mm H x 89mm D)
<b>Weight:</b>	61 lbs. (27.67 kg)
<b>Signature Version:</b>	SI-663
<b>Cross-reference:</b>	Signature Series T-1/R

## SI-6100/R

In-wall 2 1/2-way Speaker

<b>Frequency Response:</b>	45Hz-20kHz ( $\pm 3$ dB)
<b>Sensitivity:</b>	92dB (2.83V @ 1 Meter)
<b>Recommended Power:</b>	75-500 Watts
<b>Woofer(s):</b>	(4) 6-1/2" (165mm) Reference Aluminum
<b>Tweeter(s):</b>	(3) 1" (25mm) Reference Silk Dome
<b>Crossover Frequency:</b>	2,500 Hz
<b>Impedance:</b>	4 Ohms
<b>Baffle/Vent Dimensions:</b>	8-1/8" W x 44-1/8" H (206mm W x 1121mm H)
<b>Enclosure Dimensions:</b>	14" W x 56" H x 3-1/2" D (356mm W x 1422mm H x 89mm D)
<b>Weight:</b>	63 lbs. (28.58 kg)
<b>Signature Version:</b>	SI-6100
<b>Cross-reference:</b>	Signature Series T-1/R

## SI-770/R

Built-in Center/LCR Speaker

<b>Frequency Response:</b>	60Hz-20kHz ( $\pm 3$ dB)
<b>Sensitivity:</b>	90dB (2.83V @ 1 Meter)
<b>Recommended Power:</b>	75-250 Watts
<b>Woofer(s):</b>	(2) 6-1/2" (165mm) Reference Aluminum
<b>Tweeter(s):</b>	(1) 1" (25mm) Reference Silk Dome
<b>Crossover Frequency:</b>	2,700 Hz
<b>Impedance:</b>	6 Ohms
<b>Baffle/Vent Dimensions:</b>	8-3/4" W x 22" H x 11-1/2" D (222mm W x 559mm H x 292mm D)
<b>Weight:</b>	40 lbs. (18.14 kg)
<b>Signature Version:</b>	SI-770/R
<b>Cross-reference:</b>	Signature Series 661-SE/R