

643-I

Signature & Reference series

by **rbh** sound



standard or reference
drivers available

PREMIUM IN-WALL LOUDSPEAKER ULTIMATE PERFORMANCE

Heavily braced HDF box

Seperate baffle design

Internal protection circuit

Fabric grille

Your custom installed Signature 643-I or Reference 643-I are the perfect companions for large home theaters with multi-tiered seating or if you're an enthusiast who loves maximum SPL and dynamics.

The 643-I is heavily braced and built from high quality materials. It's low profile and built in design gives you the best performance without taking up precious floor space.



Signature & Reference 643-I

The Signature 643-I is the ultimate in-wall speaker for larger theaters and listening rooms. Capable of producing high sound pressure levels, the Signature 643-I features four 6½-inch aluminum cone woofers mated with three 1-inch fabric dome tweeters. Precise, reference level bass is needed without being seen. The four reference-grade woofers and three AMT tweeters of the Reference 643-I come together to deliver superior power handling, clarity, and performance like no other in-wall speaker can.

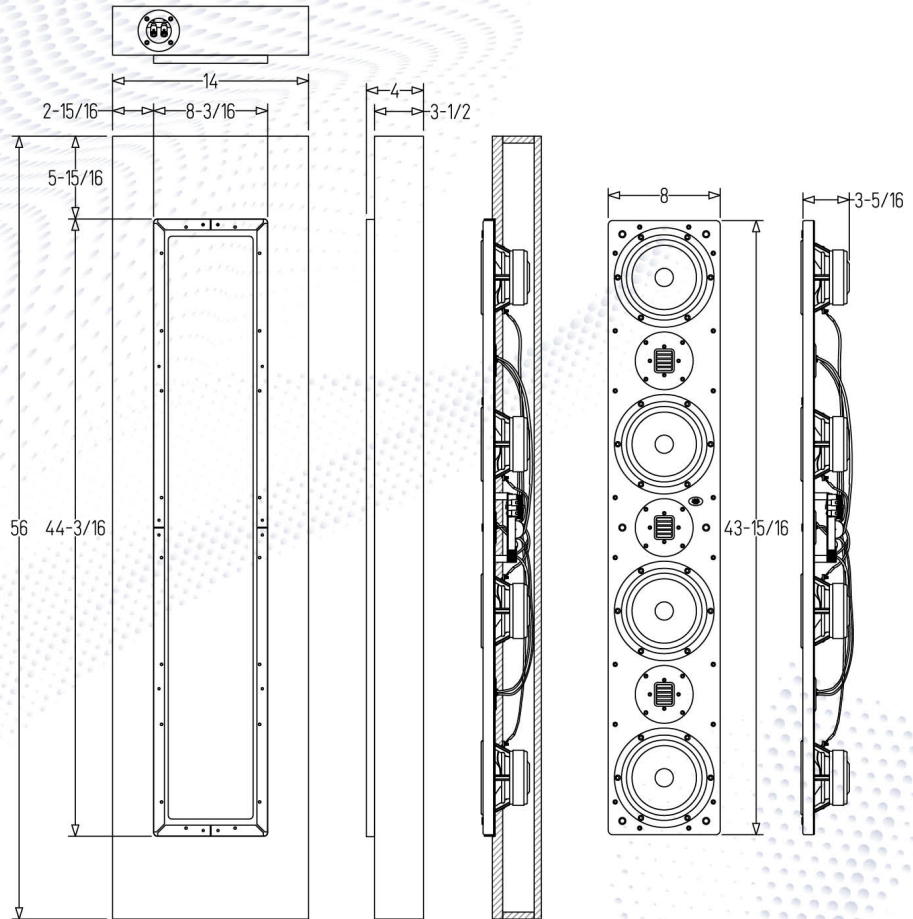
Signature & Reference Series

- Proprietary damped, high excursion, aluminum subwoofer drivers
- Heavily braced, HDF cabinet made in USA, sized to fit between studs placed 16" on center
- Smart protection circuitry is incorporated to prevent driver damage if over driven
- Separate baffle design allows for cabinet installation during construction without worry of driver damage
- multiple options in the series are designed for wide range of requirements
- series options include in-wall, in-floor and in ceiling



*Limited 10 Year Warranty (with registration) from date of purchase to be free from defects and workmanship. For more information contact your RBH dealer or check our website.

It is RBH Sound policy to continuously incorporate improvements into products; all specifications are subject to change without notice. For the most current information visit us online at <https://rbhsound.com>. Copyright ©2026 RBH Sound. All Rights Reserved.



	Signature 643-I	Reference 643-I
MODEL NAME:	Signature 643-I	Reference 643-I
SYSTEM TYPE:	Sealed, in-wall, loudspeaker	Sealed, in-wall, loudspeaker
SERIES:	Signature In-wall	Signature Reference In-wall
FREQUENCY RESPONSE:	45Hz-20kHz	45Hz-40kHz
SENSITIVITY:	92dB (2.83 Volts @ 1 Meter)	93dB (2.83 Volts @ 1 Meter)
RECOMMENDED POWER:	75-450 Watts	75-450 Watts
DRIVE UNITS:	(4) 6.5" (165mm) Aluminum cone woofers, (3) soft dome tweeters	(4) 6.5" (165mm) cast aluminum basket aluminum cone woofers with phase plug, (3) AMT tweeters
CROSSOVER FREQUENCY:	2500Hz	2500Hz
CROSSOVER SLOPE:	24dB/Octave	24dB/Octave
IMPEDANCE:	4 Ohms	4 Ohms
CABINET:	High Density Fiberboard (HDF) Black Satin Paint	High Density Fiberboard (HDF) Black Satin Paint
GRILLE:	High Quality Cloth Black or White	High Quality Cloth Black or White
CABINET DIMENSIONS:	14" W x 56" H x 3.5" D (356mm W x 1422mm H x 89mm D)	14" W x 56" H x 3.5" D (356mm W x 1422mm H x 89mm D)
WEIGHT:	62 lbs. (28.12 kg)	64 lbs. (29.02kg)
WARRANTY:	*10 Year Limited	*10 Year Limited

Designed, Engineered, Tested and Assembled in USA from American and imported parts

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