Overview
Created for AV Designers building systems that require the best surround sound available with a look that fits the space aesthetically, Sonance Reference provides truly incredible sound. Engineered to give you an amazing cinema experience in any room, Sonance Reference has options for in-wall, in-ceiling, cabinet speakers and in-wall subwoofers. All Reference speakers and subwoofers have low-profile, paintable grilles that allow you to experience the content without visual intrusion.

Key Features

Aesthetics
• Consistent aesthetic with all Sonance speakers
• Matte finish to eliminate reflection behind screens
• One-piece paintable grille to blend into your walls

Performance
• Optimized low defraction baffle to reduce distortion
• Built to bring out the best sound in movies, gaming and streaming
• All new driver technology
• High excursion carbon fiber woofer

Installation
• Easy to install
• Designed to fit into a 2” x 4” wall cavity
• Mix and match with Reference in-ceiling speakers and subwoofers
Specifications

Model: R1
SKU: 93344
Unit of Measure: Each
Tweeter: 1” (25mm) Ceramic dome, Ferrofluid-cooled in an acoustic back chamber
Midrange: 5 1/4” (133mm) Carbon fiber/Rohacell laminated cone with a rubber surround
Woofer: Two 5 1/4” (133mm) Carbon fiber/Rohacell laminated cones with rubber surrounds
Frequency Response: 70Hz - 30kHz +/-3dB
Impedance: 8 Ohms nominal; 6 Ohms minimum
Power Handling: 5 Watts minimum; 150 Watts maximum
Sensitivity: 90dB SPL (2.83V/1 meter)
Grille Material: Perforated steel
Shipping Weight: 19 lbs (8.6kg) each

Model: R2
SKU: 93346
Unit of Measure: Each
Tweeter: 1” (25mm) Ceramic dome, Ferrofluid-cooled in an acoustic back chamber
Midrange: 5 1/4” (133mm) Carbon fiber/Rohacell laminated cone with a rubber surround
Woofer: Four 5 1/4” (133mm) Carbon fiber/Rohacell laminated cones with rubber surrounds
Frequency Response: 70Hz - 30kHz +/-3dB
Impedance: 6 Ohms nominal; 4 Ohms minimum
Power Handling: 5 Watts minimum; 200 Watts maximum
Sensitivity: 92dB SPL (2.83V/1 meter)
Grille Material: Perforated steel
Shipping Weight: 29 lbs (13.2kg) each

Dimensions

R1
Width: 8 7/8” (225mm)
Height: 21 3/4” (553mm)
Depth: 3 7/8” (98mm)
Cut-Out Width: 7 1/2” (191mm)
Cut-Out Height: 20 1/2” (521mm)

R2
Width: 8 7/8” (225mm)
Height: 34 7/8” (886mm)
Depth: 3 7/8” (98mm)
Cut-Out Width: 7 1/2” (191mm)
Cut-Out Height: 33 1/2” (851mm)

Recommended Products

R1 & R1SUR Flex Bracket
SKU: 92690

R2 & R2SUR Flex Bracket
SKU: 92691
Specifications

Model: R1SUR
SKU: 93345
Unit of Measure: Each
Tweeter: Two 1" (25mm) Ceramic domes, Ferrofluid-cooled in an acoustic back chamber
Midrange: Two 3" (76mm) Carbon fiber/Rohacell laminated cones with rubber surrounds
Woofer: Two 5 1/4" (133mm) Carbon fiber/Rohacell laminated cones with rubber surrounds
Frequency Response: 70Hz - 30kHz +/-3dB
Impedance: 8 Ohms nominal; 6 Ohms minimum
Power Handling: 5 watts minimum; 150 watts maximum
Sensitivity: 90dB SPL (2.83V/1 meter)
Grille Material: Perforated steel
Shipping Weight: 19 lbs (8.6kg) each

Model: R2SUR
SKU: 93347
Unit of Measure: Each
Tweeter: Two 1" (25mm) Ceramic domes, Ferrofluid-cooled in an acoustic back chamber
Midrange: Two 3" (76mm) Carbon fiber/Rohacell laminated cones with rubber surrounds
Woofer: Four 5 1/4" (133mm) Carbon fiber/Rohacell laminated cones with rubber surrounds
Frequency Response: 70Hz - 30kHz +/-3dB
Impedance: 6 Ohms nominal; 4 Ohms minimum
Power Handling: 5 watts minimum; 200 watts maximum
Sensitivity: 92dB SPL (2.83V/1 meter)
Grille Material: Perforated steel
Shipping Weight: 29 lbs (13.2kg) each

LIMITED LIFETIME WARRANTY
Sonance warrants to the first end-user purchaser that this Sonance-brand product ("Product"), when purchased from an authorized Sonance Dealer/Distributor, will be free from defective workmanship and materials for the life of the Product, except for the grille, which is warranted for five (5) years. Sonance will, at its option and expense, either repair the defect or replace the Product with a new or remanufactured Product or a reasonable equivalent. Please visit our website and owner’s e-Manual for complete warranty and exclusion information.