

SONANCE

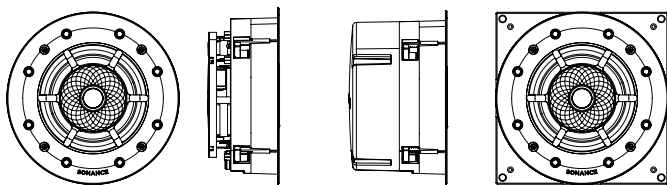
VISUAL EXPERIENCE EXTREME DATA SHEET

VXXT6R SST IN-CEILING SINGLE STEREO® SPEAKER

TECHNICAL SPECIFICATIONS

SKU	93733 - Each
Tweeter	1" (25mm) Dual voice coil, waterproof cloth dome, Ferrofluid-cooled, acoustic back chamber
Woofers	6.5" (165mm) Dual voice coil, polypropylene cone, Santoprene surround
Dispersion Technology	Sinusoidal textured waveguide
Frequency Response	45Hz - 20kHz +/-3dB
Impedance	8 ohms nominal; 6 ohms minimum
Power Handling (RMS)	5 watts minimum; 125 watts maximum
Sensitivity (2.83V/1m)	89dB SPL
Environmental Compliance	IP66 (Speakers), IP67 (Subwoofers), ASTM B117, ASTM G154/ASTM D4587, ASTM D4329-13, ASTM D5112-98 (Horizontal), ASTM D3580-95 (Vertical), MIL-STD-810
Temperature Range	-40°F to 194°F (-40°C to 90°C)
Round Micro Trim Grille (Dia)	9.64" (244.8mm)
Round Trimless Grille (Dia)	9.28" (235.6mm)
Square Micro Trim Grill (WxH)	9.64" x 9.64" (244.8mm x 244.8mm)
Square Trimless Grille (WxH)	9.28" x 9.28" (235.6mm x 235.6mm)
Product Dims - Speaker Only (Dia x D)	9.17" x 3.74" (232.8mm x 94.9mm)
Speaker Mounting Depth (D)	3.62" (92mm)
Mounting Depth + Retrofit Encl.	5.06" (128.5mm)
Cut-Out Dims (Dia)	8.25" (210mm)
Product Weight	5.51 lbs. (2.5kg) Each
Shipping Weight	7.72 lbs. (3.5kg)

DIMENSIONAL DRAWINGS



Front View Cut-Out Dia. Side View Depth Side View Speaker + Encl. Front View Square Adaptor

VXXT6R SST ACCESSORIES

- XPC-6R-NT | 93741 6" Round XPC Trimless Grille | Pair
- XPC-6R-T | 93740 6" Round XPC Micro Trim Grille | Pair
- XPC-6SQ-NT | 93751 6" Square XPC Trimless Grille | Pair
- XPC-6SQ-T | 93750 6" Square XPC Micro Trim Grille | Pair

ENVIRONMENTAL AND DURABILITY COMPLIANCE

This product is engineered and tested to meet rigorous environmental and durability standards, including:

IP66 (SPEAKERS): Dust-tight and protected against powerful water jets from any direction.

IP67 (SUBWOOFERS): Fully protected against dust ingress and capable of withstanding immersion in water up to 1 meter depth for 30 minutes.

ASTM B117: Salt spray (fog) testing to evaluate corrosion resistance.

ASTM G154/ASTM D4587: Accelerated weathering using fluorescent UV and condensation exposure.

ASTM D4329-13: UV exposure of plastics to simulate long-term sunlight degradation.

ASTM D5112-98 (HORIZONTAL), ASTM D3580-95 (VERTICAL): Vibration resistance under both horizontal and vertical orientations.

MIL-STD-810: U.S. military standard for environmental engineering considerations and laboratory tests, including temperature, humidity, vibration, and shock.

LIMITED FIVE (5) YEAR 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 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. ©2025 Sonance. All rights reserved. Sonance is a registered trademark of Dana Innovations. Due to continuous product improvement, all features and specifications are subject to change without notice. For the latest Sonance product specification information visit our website at www.sonance.com. 991 Calle Amanecer • San Clemente, CA 92673 USA • Phone: (949) 492-7777

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