

SONANCE

BEYOND SOUND

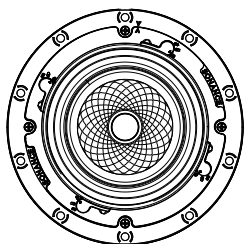
VISUAL EXPERIENCE SERIES WITH SINGLE STEREO TECHNOLOGY

VX46R SST | VX62R SST | VX66R SST | VX86R SST | VX66 SST

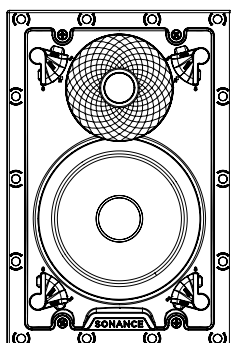
INSTALLATION AND SUPPORT MANUAL

VISUAL EXPERIENCE SPEAKERS

VX46R SST | VX62R SST | VX66R SST |
VX86R SST | VX66 SST



ROUND
FRONT VIEW



RECTANGLE
FRONT VIEW

TABLE OF CONTENTS

2	Box Contents
2	Introduction
2	Important Safety Information
2	Installation
4	Painting
5	Technical Specifications
8	Warranty

BOX CONTENTS

- (1) Visual Experience Single Stereo Speaker
- (1) Paintable VX Micro Trim Grille
- (1) Cutout Template

INTRODUCTION

Thank you for selecting Sonance Visual Experience Single Stereo Technology® (SST) Speakers. Sonance has over four decades of experience in premium distributed audio. Please take the time to carefully read through the manual and study the illustrations. This extra time can lead to trouble-free operation and continued musical enjoyment.

IMPORTANT: Read this section in its entirety before attempting use of speaker.

SAFETY WARNING: These speakers have FastMount® tabs that prevent the speakers from falling out of the mounting holes during the installation process. The edges of the FastMount tabs are very sharp. Use caution when handling the speakers.

IMPORTANT SAFETY INSTRUCTIONS

Always follow these basic safety precautions when using your speakers to reduce the risk of fire, electric shock, and injury to people or objects.

1. Read all the safety and operating instructions before operating the speaker and retain them for future reference.
2. Adhere to all warnings and precautions listed on the speaker and in the operating instructions.
3. Follow all operating instructions.

INSTALLATION

1. Determine the location for the speaker.
2. Perform an obstruction survey to be certain that there are no studs, conduit, pipes, heating ducts, pocket doors, or air returns in the wall cavity that will interfere with the speaker.
3. Position the included cutout template where the speaker is to be located and pencil an outline on the wall or ceiling. If you are unsure about obstructions, drill a small hole in the center of the outline and insert a coat hanger wire into the hole to feel-around for possible obstructions.
4. Cut the mounting hole using tools appropriate for the construction, and run the speaker wires from the mounting hole to the amplifier location.

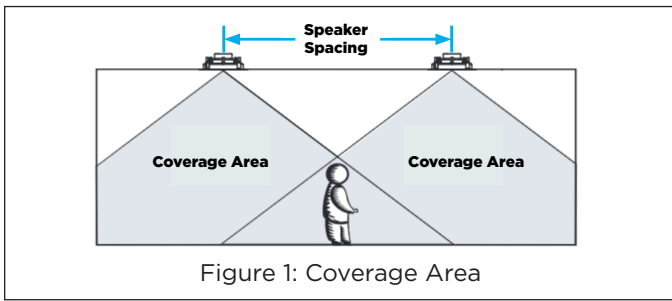
IMPORTANT: Consult local building codes before running speaker wires through walls and/or ceiling.

SPEAKER PLACEMENT

VX SST speakers reproduce both stereo channels from a single location, it will deliver outstanding performance from a wide variety of mounting locations where a pair of stereo speakers would be impractical, including hallways, bathrooms, and closets.

The table below shows how far apart SST speakers can be spaced in distributed audio applications while still providing good coverage for standing and seated listeners (see Figure 1).

CEILING HEIGHT	SPACING (STANDING)	SPACING (SEATED)
9-Foot Ceiling	5'7"	9'5"
10-Foot Ceiling	9'7"	13'5"
12-Foot Ceiling	13'7"	17'5"
14-Foot Ceiling	17'7"	21'5"



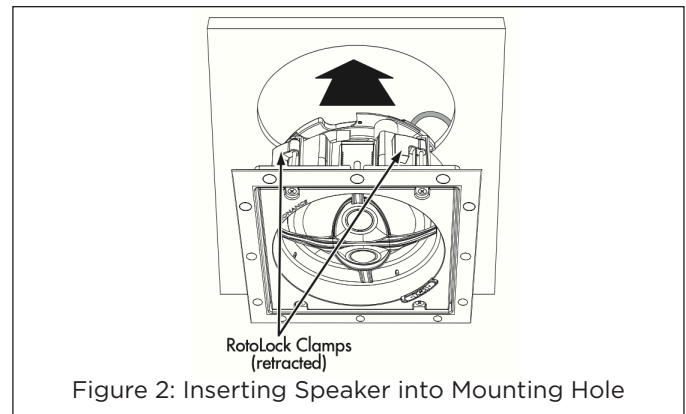
BEFORE INSTALLATION: RETROFIT

1. Determine the location for the speaker (see SPEAKER PLACEMENT section above).
2. Perform an obstruction survey to be certain that there are no studs, conduit, pipes, heating ducts, pocket doors, or air returns in the wall or ceiling cavity that will interfere with the speaker.
3. See TECHNICAL SPECIFICATIONS for mounting cutout dimensions and depth requirements.
4. Position the included cutout template where the speaker is to be located and pencil an outline on the wall or ceiling. If you are unsure about obstructions, drill a small hole in the center of the outline and insert a coat hanger wire into the hole to feel around for possible obstructions.
5. Cut the mounting hole using a keyhole or drywall saw, and run the speaker wires from the mounting hole to the amplifier location.

INSTALLATION

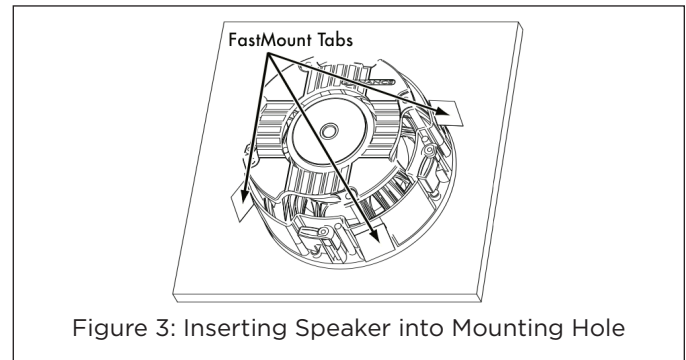
Sonance Visual Experience SST speakers feature exclusive FastMount® tabs and an integral RotoLock® mounting system for quick mounting directly into existing walls and ceilings.

1. Remove the paint plug from the speaker.
2. Run speaker wire from each speaker to the amplifier location.
3. Strip 1/4" - 1/2" of insulation from each speaker lead. Twist the strands or tin the exposed wire with solder to ensure that there are no stray strands (stray strands that touch each other can cause a short-circuit that can damage the amplifier).
4. The speaker's connector posts are spring loaded. Push the top of each connector post down to open the connector and insert the exposed wires into the holes in the posts. The speaker's positive post is labeled with a red dot; the negative post is labeled with a black dot. Double check that you connected amplifier "+" to speaker "+" and amplifier "-" to speaker "-".
5. Make sure all the RotoLock clamps are in the full clockwise position so that they are tucked within the mounting hole's border. Insert the speaker into the hole in the wall or ceiling (see Figure 2). The RotoLock system can accommodate a maximum wall or ceiling material thickness of 1 1/4".



The FastMount tabs will prevent the speaker from falling out of the mounting hole; allowing the installer to let go of the speaker to pick up tools or other items (see Figure 3).

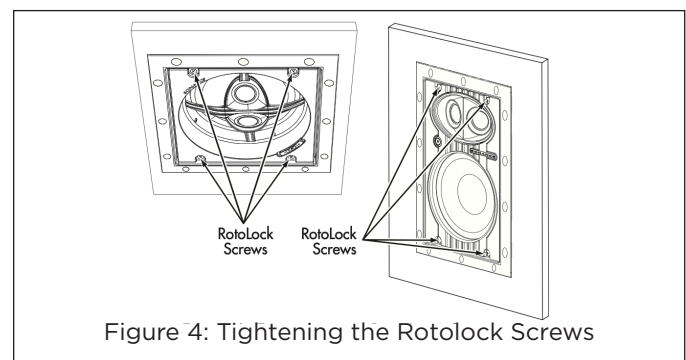
NOTE: The FastMount tabs are designed for one time use only. If the speaker is removed from the mounting hole, the FastMount tabs will disconnect and remain inside the wall or ceiling.



6. Tighten the four screws on the front of the speaker baffle (see Figure 4). The RotoLock clamps will automatically rotate into position and begin clamping the speaker. When you notice resistance on the screws the speaker has been clamped successfully.

IMPORTANT: Always use low torque settings; NEVER over tighten.

NOTE: Adjusting the tension of the RotoLock clamps so that the speaker frame is flat will help ensure that the grille contacts the wall all the way around the speaker for a proper fit.

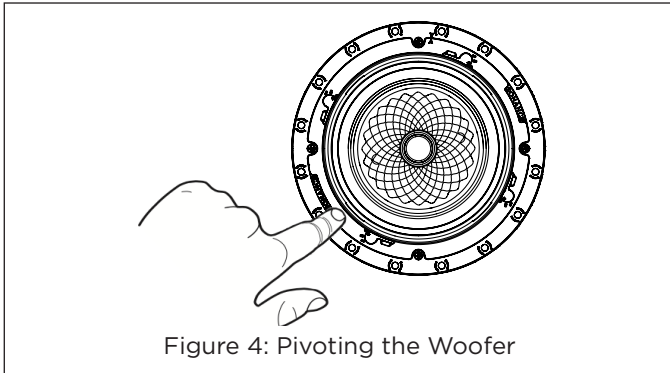


7. The new micro flange grille is held in place by several small, powerful magnets on the speaker frame. Place the grille against the speaker and the magnets will hold it firmly in place. When properly installed, the grille flange should make contact with the wall all the way around the speaker.

SPEAKER ADJUSTMENTS

The VX46R SST, VX66R SST, and VX86R SST models have a pivoting woofer assembly. This allows you to direct sound toward or away from the listening area, depending on how the speakers are being used:

- Pivoting the woofer towards the listening position will maximize the speaker's clarity and definition.
- To pivot the woofer, apply pressure on the outer edge of the tweeter support bracket, as shown in Figure 5. Do not touch or apply pressure to the woofer cone.



PAINTING

Please refer to the included Painting Instructions sheet.

TECHNICAL SPECIFICATIONS

VX46R SST

SKU	93682
UOM	Each
Tweeter	0.75" (19mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber, dual voice coil
Woofer	4.5" (114mm) Kevlar/Nomex cone, rubber surround, pivoting, dual voice coil
Frequency Response	58Hz - 20kHz +/-3dB
Impedance	8 ohms nominal; 6 ohms minimum
Power Handling	5 watts minimum; 80 watts maximum
Sensitivity	90dB SPL (2.83V/1 meter)
Round Micro Trim Grille (Dia)	6.77" (171.8mm)
Round Trimless Grille (Dia)	6.42" (163mm)
Square Micro Trim Grille (WxH)	6.77" x 6.77" (171.8mm x 171.8mm)
Square Trimless Grille (WxH)	6.42" x 6.42" (163mm x 163mm)
Speaker Mounting Depth (D)	4.61" (117.1mm)
Mounting Depth + Retrofit Encl. (D)	5.75" (146.1mm)
Cut-Out Dims (Dia)	5.875" (149mm)
Shipping Weight	3 lbs. (1.4kg)

VX62R SST

SKU	93683
UOM	Each
Tweeter	1" (25mm) cloth dome, Ferrofluid-cooled, acoustic back chamber, dual voice coil
Woofer	6.5" (165mm) textured polypropylene cone, rubber surround, pivoting, dual voice coil
Frequency Response	45Hz - 20kHz +/-3dB
Impedance	8 ohms nominal; 6 ohms minimum
Power Handling	5 watts minimum; 125 watts maximum
Sensitivity	89dB SPL (2.83V/1 meter)
Round Micro Trim Grille (Dia)	9.62" (244.4mm)
Round Trimless Grille (Dia)	9.28" (235.6mm)
Square Micro Trim Grille (WxH)	9.62" x 9.62" (244.4mm x 244.4mm)
Square Trimless Grille (WxH)	9.28" x 9.28" (235.6mm x 235.6mm)
Speaker Mounting Depth (D)	4.92" (125mm)
Mounting Depth + Retrofit Encl. (D)	5.75" (146.1mm)
Cut-Out Dims (Dia)	8.25" (210mm)
Shipping Weight	4.5 lbs. (2.1kg)

TECHNICAL SPECIFICATIONS CONTINUED

VX66R SST

SKU	93684
UOM	Each
Tweeter	1" (25mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber, dual voice coil
Woofer	6.5" (165mm) Kevlar/Nomex cone, rubber surround, pivoting, dual voice coil
Frequency Response	43Hz - 20kHz +/-3dB
Impedance	8 ohms nominal; 6 ohms minimum
Power Handling	5 watts minimum; 140 watts maximum
Sensitivity	90dB SPL (2.83V/1 meter)
Round Micro Trim Grille (Dia)	9.62" (244.4mm)
Round Trimless Grille (Dia)	9.28" (235.6mm)
Square Micro Trim Grille (WxH)	9.62" x 9.62" (244.4mm x 244.4mm)
Square Trimless Grille (WxH)	9.28" x 9.28" (235.6mm x 235.6mm)
Speaker Mounting Depth (D)	4.92" (125mm)
Mounting Depth + Retrofit Encl. (D)	5.75" (146.1mm)
Cut-Out Dims (Dia)	8.25" (210mm)
Shipping Weight	4.5 lbs. (2.1kg)

VX86R SST

SKU	93686
UOM	Each
Tweeter	1.2" (30mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber, dual voice coil
Woofer	8" (203mm) Kevlar/Nomex cone, rubber surround, pivoting, dual voice coil
Frequency Response	34Hz - 20kHz +/-3dB
Impedance	8 ohms nominal; 6 ohms minimum
Power Handling	5 watts minimum; 150 watts maximum
Sensitivity	91dB SPL (2.83V/1 meter)
Round Micro Trim Grille (Dia)	11.52" (292.6mm)
Round Trimless Grille (Dia)	11.17" (283.8mm)
Square Micro Trim Grille (WxH)	11.52" x 11.52" (292.6mm x 292.6mm)
Square Trimless Grille (WxH)	11.17" x 11.17" (283.8mm x 283.8mm)
Speaker Mounting Depth (D)	5.51" (140.0mm)
Mounting Depth + Retrofit Encl. (D)	6.52" (165.6mm)
Cut-Out Dims (WxH)	10.125" (257mm)
Shipping Weight	10 lbs. (4.5kg)

TECHNICAL SPECIFICATIONS CONTINUED

VX66 SST

SKU	93685
UOM	Each
Tweeter	1" (25mm) ceramic dome, Ferrofluid-cooled, acoustic back chamber, dual voice coil
Woofer	6.5" (165mm) Kevlar/Nomex cone, rubber surround, dual voice coil
Frequency Response	43Hz - 20kHz +/-3dB
Impedance	8 ohms nominal; 6 ohms minimum
Power Handling	5 watts minimum; 140 watts maximum
Sensitivity	90dB SPL (2.83V/1 meter)
Round Micro Trim Grille (Dia)	11.52" (292.6mm)
Round Trimless Grille (Dia)	11.17" (283.8mm)
Square Micro Trim Grille (WxH)	8.23" x 12.12" (208.9mm x 307.7mm)
Square Trimless Grille (WxH)	7.88" x 11.77" (200.1mm x 298.9mm)
Speaker Mounting Depth (D)	3.48" (88.3mm)
Mounting Depth + Retrofit Encl.	3.84" (97.6mm)
Cut-Out Dims (WxH)	6.9375" x 10.75" (176mm x 273mm)
Shipping Weight	5 lbs. (2.3kg)

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.

EXCLUSIONS: TO THE EXTENT PERMITTED BY LAW, THE WARRANTY SET FORTH ABOVE IS IN LIEU OF, AND EXCLUSIVE OF, ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IS THE SOLE AND EXCLUSIVE WARRANTY PROVIDED BY SONANCE. ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, IMPLIED WARRANTY OF FITNESS FOR USE, AND IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY EXCLUDED. No one is authorized to make or modify any warranties on behalf of Sonance.

The warranty stated above is the sole and exclusive remedy and Sonance's performance shall constitute full and final satisfaction of all obligations, liabilities and claims with respect to the Product.

IN ANY EVENT, SONANCE SHALL NOT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, ECONOMIC, PROPERTY, BODILY INJURY, OR PERSONAL INJURY DAMAGES ARISING FROM THE PRODUCT, ANY BREACH OF THIS WARRANTY OR OTHERWISE.

This warranty statement gives you specific legal rights, and you may have other rights which vary from state to state. Some states do not allow the exclusion of implied warranties or limitations of remedies, so the above exclusions and limitations may not apply. If your state does not allow disclaimer of implied warranties, the duration of such implied warranties is limited to period of Sonance's express warranty.

Your Product Model and Description: Sonance Visual Experience with Single Stereo Technology.

Additional Limitations and Exclusions from Warranty Coverage: The warranty described above is non-transferable, applies only to the initial installation of the Product, does not include installation of any repaired or replaced Product, does not include damage to allied or associated equipment which may result for any reason from use with this Product, and does not include labor or parts caused by accident, disaster, negligence, improper installation, misuse (e.g. overdriving the amplifier or speaker, excessive heat or cold or humidity, outdoor installation), or from service or repair which has not been authorized by Sonance.

Obtaining Authorized Service: To qualify for the warranty, you must contact your authorized Sonance Dealer/Installer or call Sonance Customer Service at (949) 492-7777, must obtain a return merchandise number (RMA), and must deliver the Product to Sonance shipping prepaid during the warranty period, together with the original sales receipt, or invoice or other satisfactory proof of purchase.

In order to initiate a warranty claim:

1. Contact Sonance Technical Support with a description of the fault, the amplifier's serial number and the date of purchase from an authorized Sonance dealer at: technicalsupport@sonance.com
2. Sonance Technical Support will follow-up and may request additional troubleshooting.
3. Once a determination has been made on the fault, Sonance Customer Service will follow-up by email. Please have a scanned copy of your Sonance Visual Experience SST Speaker sales invoice ready to send upon request to document the speaker's warranty status.
4. Sonance Customer Service will provide an RMA number to be included on the shipping label of the packaging. Please send the speaker back in its original factory carton, which has been specifically designed to protect the speaker during transit.

Contact us at: <https://www.sonance.com/company/contact>

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