

VP52R UTL ULTRA THIN-LINE SPEAKER INSTRUCTION MANUAL

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VP52R UTL

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Introduction

Thank you for purchasing Sonance Visual Performance Series Ultra Thin-line Speakers.

Before Installation: Retro-fit

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.

NOTE: CONSULT LOCAL BUILDING CODES BEFORE RUNNING SPEAKER WIRES THROUGH WALLS.

Installation

Sonance Visual Performance Series Speakers feature an exclusive integral RotoLock® mounting system for quick mounting directly into existing walls and ceilings.

1. Strip 1/4" – 1/2" (6mm – 13mm) of insulation from each speaker lead. Twist the strands or tin the exposed wire with solder to ensure that there are no stray strands.

NOTE: STRAY STRANDS THAT TOUCH EACH OTHER CAN CAUSE A SHORT- CIRCUIT THAT CAN DAMAGE THE AMPLIFIER.

2. 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 (see Figure 1).
3. The speaker's positive post is labeled with a red dot; the negative post is labeled with a black dot.
4. After making all connections, double-check that you connected amplifier "+" to speaker "+" and amplifier "-" to speaker "-".
5. Make sure all the Roto-Lock toggle feet are retracted so that they are tucked within the mounting hole's border.

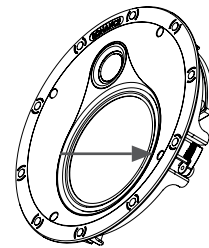


Figure 2: Roto-Lock Toggle Feet Retracted

NOTE: THE ROTO-LOCK SYSTEM CAN ACCOMMODATE A WALL MATERIAL THICKNESS OF 1 1/4" (32MM).

Connection Terminals

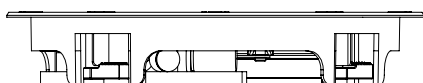
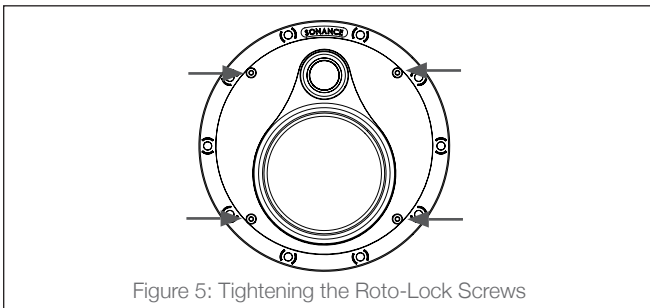
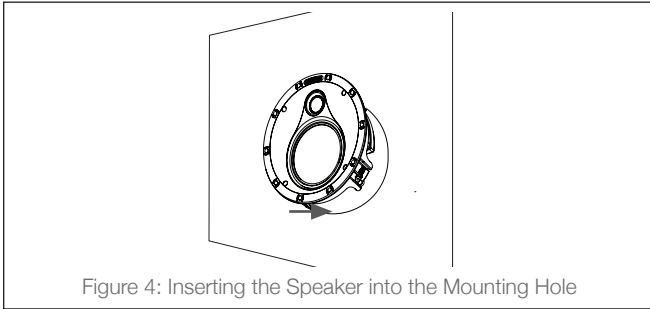


Figure 1: Connection Terminals

6. Insert the speaker into the mounting hole (Figure 4) and tighten the four screws on the front of the speaker baffle. (Figure 5).



7. The Roto-Lock clamps will automatically rotate into position and begin clamping the speaker.

IMPORTANT: ALWAYS USE LOW-TORQUE SETTINGS WHEN USING A SCREW GUN; NEVER OVER TIGHTEN.

NOTE: ADJUSTING THE TENSION OF THE ROTO-LOCK 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.

PAINTING THE GRILLES

Sonance Visual Performance Series speaker grilles completely cover the exposed speaker frame, so only the grilles (not the speakers themselves) require painting.

1. Prime the grille with a metal primer/bonder in a spray can. Carefully follow the manufacturer's directions on the can.
2. We recommend using water-based latex paint on the grilles. Thin the paint with a proper thinning agent to a ratio of 1:1 paint-to-thinner, and strain it through a standard mesh strainer to remove any lumps.
3. Use a small touch-up gun or cap-spray gun with a #3 tip for painting.
 - (A) Set the nozzle with a medium to wide fan.
 - (B) Set the pressure regulator to 60psi.
 - (C) Lightly spray the front of the grille in 3 quick strokes from approximately 10 inches away.
 - (D) Let the paint set for a minute, then turn the grille 90° and lightly spray the grille again in 3 quick strokes. Repeat this step until all four sides of the grille have been evenly painted.
4. While the paint is still wet, inspect the grille and make sure that excess paint has not collected underneath the grille frame, and that none of the grille perforations are filled with paint. If any are, use compressed air to blow the paint out of the perforations.

IMPORTANT: IF YOU FIND ANY GRILLE PERFORATIONS THAT ARE PLUGGED WITH PAINT AFTER THE PAINT HAS DRIED, USE A STRAIGHT PIN OR SEWING NEEDLE TO CAREFULLY REMOVE THE PAINT.

5. Once the paint has thoroughly dried, mount the grille on the speaker.

VP52R UTL

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| Tweeter | 1" (25mm) cloth dome, Ferrofluid cooled, in acoustic back chamber |
| Woofers | 5 1/2" (133mm) polypropylene cone, with rubber surround |
| Frequency Response | 75Hz - 20kHz \pm3dB |
| Impedance | 8 Ohms nominal; 6 Ohms minimum |
| Power Handling | 5 watts minimum; 80 watts maximum |
| Sensitivity | 89dB SPL (2.83V/1 meter) |
| Speaker Depth | 1 15/32" (37mm) |
| Dimensions | 9 3/4" (248mm) |
| Cut-Out Dimensions | 8 1/4" (210mm) |
| Grille Material | Powder-coated stainless steel |
| Shipping Weight | ? lbs (? kg) pair |

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 the period stated below. Sonance will at its option and expense during the warranty period, either repair the defect or replace the Product with a new or remanufactured Product or a reasonable equivalent.

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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.

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Your Product Model and Description: VP52R UTL.

Warranty Period for this Product: Five (5) years from the date on the original sales receipt or invoice or other satisfactory proof of purchase.

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, cold or humidity), 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/Technical Support at (949) 492-7777 within the warranty period, 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.