



PN.33-1518 12.98

## INTRODUCTION

Thank you for purchasing a Sonance® volume control. The VC60R/S is CE approved. Sonance also offers the largest selection of high fidelity in-wall/in-ceiling speakers in the world. Consult Sonance literature or your Authorized Sonance Dealer for more information on the wide variety of speakers, amplifiers, switchers, controls, cable, and other custom installation products available from Sonance.

Please read these instructions carefully before connecting this device to your system. If connections are made incorrectly you may damage your amplifier/receiver.


**IMPORTANT NOTE: TURN YOUR AMPLIFIER/RECEIVER OFF BEFORE ATTEMPTING THE FOLLOWING HOOK-UP PROCEDURES.**

## VC60R/S APPLICATIONS

The VC60R is a rotary volume control. The volume can be controlled by turning the knob clockwise to increase volume and counterclockwise to decrease volume. This 12 position rotary knob incorporates light touch and silent switching capabilities. The slider volume control, VC60S, controls volume by sliding the switch up to increase volume and down to decrease volume. The slider also displays 12 volume positions with silent switch action. The VC60S and VC60R both contain easy screw in quick disconnects and can safely handle 60 watts per channel of power.

## WIRING AND PLACEMENT

DO NOT mount the volume control in the same electrical box with AC house wiring, light switches, dimmers, or any other high voltage device or control. The VC can share gang boxes with other low voltage controls such as A/B speaker switches, infrared receivers and emitters, and other volume controls if these other devices are rated as Class 2 devices by the National Electrical Code. With 14-18 gauge cable, wire the volume control between a single pair of speakers and the amplifier powering those speakers. Run four 14-18ga. wires for carrying speaker signals (L+, L-, R+, and R-) from the amplifier, through the walls or ceiling, to the volume control. We recommend high quality wire like Sonance MediaLinQ®. If using free standing speakers, run the wire through the wall or ceiling to a convenient location near the speaker and terminate it with a Sonance Fieldress™ series system terminator or other audio jack.

 **WARNING:** TO PREVENT THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE

## INSTALLATION FOR VC60R/S (SEE DIAGRAMS 1 AND 2)

1. Once the speaker wires have been run, install a standard light switch plaster ring or J-box that is 3-1/2" in depth, available from an electrical supply source.

2. TURN THE AMPLIFIER/RECEIVER POWER OFF. Then connect the left or Channel-A speaker output, of the

# INSTALLATION INSTRUCTIONS

## VC60R/S ROTARY/SLIDER IN-WALL STEREO VOLUME CONTROL

amplifier/receiver, to the left screw-to-connect input terminals of the volume control, observing proper polarity. For example connect L+ of the amplifier to L+ of the VC, and L- to L- (see diagrams 1 and 2).

3. Repeat step 2 for the right or Channel-B speaker output.

4. Connect the left speaker wires to the left or Channel-A output terminals of the volume control. Check proper polarity of wires for correct speaker phase. For example connect the + terminal of the speaker to the + VC output, and - to - (see diagrams 1 and 2).

5. Repeat step 4 for the right or Channel-B speaker connection.

## MOUNTING THE CONTROLS:

Once the unit has been wired, attach it to a standard light switch plaster ring or J-box. Use the included screws to attach the volume control to the electrical box. Attach the wallplate to the control using the screws provided. DO NOT OVERTIGHTEN THE PLATE SCREWS OR YOU MAY DAMAGE THE PLATE. Finally, with the rotary VC attach the knob onto the control shaft. With the slider VC, please note vertical orientation of VC by noting marking of "TOP" on circuit board for proper vertical orientation during installation. (See Diagram 3)

## OPERATION

Determine the maximum volume you wish to feed to the rooms in which you have volume controls and speakers. With your house music source (amplifier/receiver) turned down, turn the volume control(s) all the way up. Feed the amplifier/receiver a strong music signal, then gradually increase the amplifier/ receiver volume until the volume in the room(s) is as loud as you are likely to ever listen. Take particular care that no audible distortion is heard through your speakers or speaker damage will occur. If you are using an amplifier with input level controls, such as the Sonance Sonamp® series amplifiers, adjust the level controls appropriately. Then return to the rooms with volume controls and lower the volume settings to normal listening levels. Setting the maximum volume in this way will ensure safe operation for speakers and amplifiers. If you think there should be sound coming from your speakers but do not hear anything when the VC is turned all the way up, DO NOT leave it in the full ON position when checking your sources or source material. Otherwise there may be a startling increase in volume when the problem is remedied, and speaker damage may occur.

## SPECIFICATIONS

Power Rating:	60 Watts RMS MAX INPUT/CH
Switch Type:	VC60S 12 Position light touch slide switch with silent slide action
	VC60R 12 Position light touch silent rotary switch
Terminal Type:	Screw quick disconnect 20-14 AWG wire capacity
Frequency Response:	20-20KHz $\pm 1$ dB
Speaker Impedance:	8 $\Omega$
Dimensions (WxHxD)	VC60S: 1-5/8" x 4" x 3" (41mm x 102mm x 76mm)
	VC60R: 1-1/2" x 4" x 3" (38mm x 102mm x 76mm)

## TECHNICAL ASSISTANCE

If you any have questions about the operation or installation of your Sonance volume controls, please call our Technical Assistance Department on any business day at:

(949) 492-7777; from 9 a.m. to 5 p.m., PST.

## OBTAINING SERVICE

If your product should need repair or service, contact your authorized Sonance dealer for help or use the following procedure:

1. Prior to calling, note the product's model number, purchase date, and original dealer's name and address.
  2. Contact our Technical Assistance Department at the above number(s) and describe the problem the unit is experiencing. If applicable, they will issue a Return Authorization Number.
- IMPORTANT: Do not return the unit to Sonance without first obtaining a Return Authorization Number.
3. If you're directed to return the unit to Sonance for repair, pack the unit in its original shipping carton. If needed, you can obtain replacement packaging from us for a small charge.
  4. Contact United Parcel Service, Federal Express, or RPS to arrange prepaid (not collect) shipping. Do not use the U.S. Mail Service.
- IMPORTANT: Freight collect shipments will be refused.
5. Write the Return Authorization Number on the outside of the shipping carton. For warranty work, please include a copy of the original bill of sale inside the package.
  6. Ship the packaged unit to:

Technical Assistance Department  
Sonance  
991 Calle Amanecer  
San Clemente, CA 92673

## WARRANTY COVERAGE (USA ONLY)

If, within five (5) years from the date shown on the bill of sale, the unit fails, due to a defect in workmanship or material, Sonance will, at its option and at no charge, repair or replace the components of such unit which prove to be defective.

For this warranty to be effective, the bill of sale must show that the unit was purchased from an "Authorized Sonance Dealer" and must list the price paid. This warranty shall apply exclusively to the original purchaser and shall not apply to units purchased for industrial or commercial use.

Furthermore, this warranty shall not apply if:

1. Damage to the unit was caused by accident, abuse, or misuse;
2. The unit was opened, modified, or repaired by unauthorized personnel; or
3. The unit was not used as outlined in the operating instructions.

## Exclusions and Limitations

The warranty set forth above is in lieu of all other warranties, express or implied, of merchantability, fitness for a particular purpose, or otherwise. The warranty is limited to Sonance products registered herein and specifically excludes any damage to loudspeakers and other allied or associated equipment which may result for any reason from use with this product.

Sonance shall, in no event, be liable for incidental or consequential damages arising from any breach of this warranty or otherwise. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

## DECLARATION OF CONFORMITY



Diagram 1

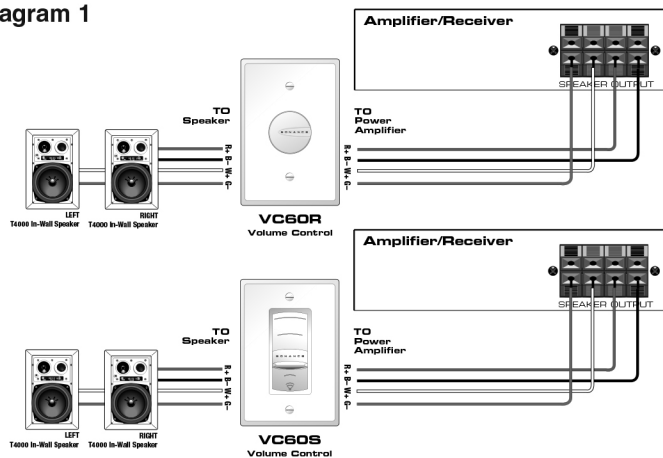


Diagram 2

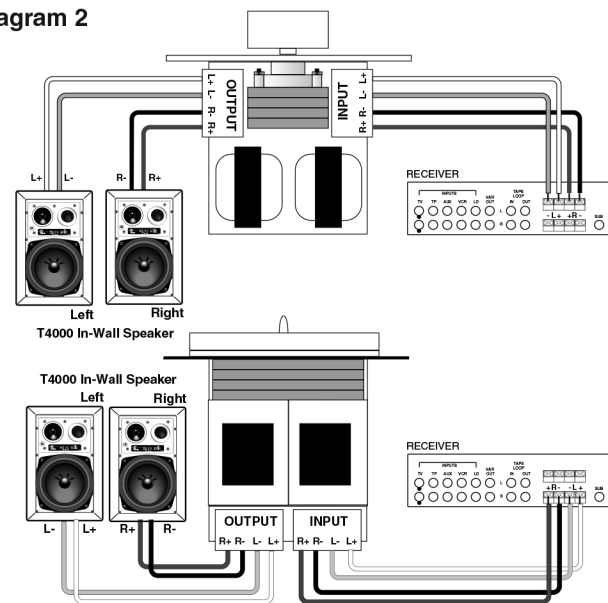


Diagram 3

