

OWNER'S MANUAL

VWS60 Outdoor Volume Control

Congratulations on your purchase of SpeakerCraft's VWS60 Outdoor Volume Control. Specifically designed for outdoor applications, the VWS60 is a 60 watt volume control for use with 4, 6, or 8 speakers. Featuring stainless steel hardware and a PVC enclosure, the VWS60 can be mounted onto 3/4" PVC conduit, and can be used either fastened onto a wall or free-standing.

Introduction

The SpeakerCraft VWS60 is a wall mounted stereo volume control, which connects between the speaker level output of an amplifier, receiver or speaker selector and a pair of speakers.

Volume Control Placement

When deciding where the volume control will be mounted onto the wall, consider the various ways it will be used. The primary listening area and the ease of running the wire to your chosen location are the important things to keep in mind. The most common locations for outdoor volume controls are on the wall or on a PVC stub-out at ground level. If you do not understand any part of these instructions, please contact your SpeakerCraft dealer. Improper wiring could cause damage to your audio system.

Do not put the volume control into the same box as a 110V AC circuit. (i.e. light switch, electrical outlet, etc.). Speaker wires can act as an "antenna" for electrical noise. Locating speaker wires too close to a light switch or dimmer may cause a buzzing or popping sound to be heard through the speakers. If you must locate the VWS60 near electrical devices, use a separate electrical box.

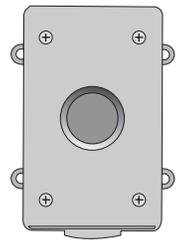


Diagram 1:
VWS60

Wiring the VWS60 (See Diagram 2)

NOTE: The rotary switch is shipped with the control turned as far counterclockwise as it will turn (off). If you have changed this, return it to the full counterclockwise position before starting installation.

1. Run the 3/4" PVC conduit and speaker wires appropriate for your outdoor application, using a PVC junction box or a T-coupling for the speaker and amplifier connections. SpeakerCraft recommends running the wires from the amplifier to the junction box, and then branching the wires out to the VWS60 and speakers. In the alternative, you may simply use T-couplings on the PVC conduit as needed.
2. Attach the speaker wires to the VWS60 using crimps, crimp caps, or by soldering. SpeakerCraft highly recommends using heat shrink crimps to keep out moisture and to reduce corrosion.
3. Since the wiring will be sealed inside the conduit, be sure to test all of your connections by activating the amplifier and toning the speakers.
4. Once the speakers are connected, put the wiring back into the conduit and seal the conduit with silicone.
5. Use PVC adhesive to attach the VWS60 to the conduit. DO NOT spill the adhesive onto the VWS60, as it may mar the finish. SpeakerCraft highly recommends applying a bead of silicone at the conduit seam for maximum weatherproofing.
6. To wall mount the VWS60, simply use four screws and wall anchors, if applicable.

CAUTION: If the input and output connections are reversed, the minimum setting on the volume control would present a short across the amplifier or receiver output terminals. This may seriously damage your amplifier or receiver. Please double check steps 1 through 6. This volume control cannot be connected in series with another volume control.

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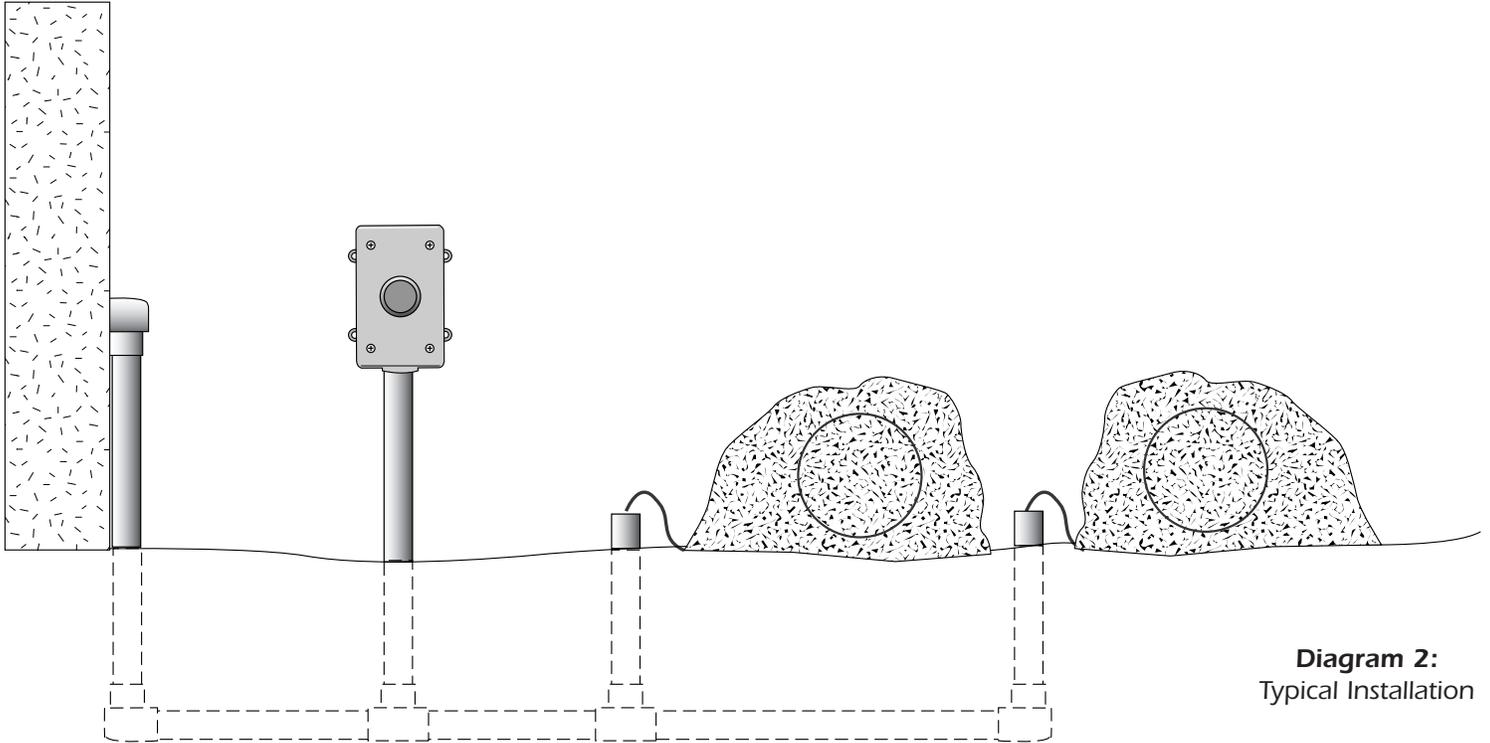


Diagram 2:
Typical Installation

SpeakerCraft offers a variety of accessories to make your installation of this and other SpeakerCraft products easy, economical, and professional. Contact your authorized SpeakerCraft Dealer for more information.

Should you have any questions regarding this, or any other SpeakerCraft product, please call our toll-free service hotline at 1-800-448-0976. We are available to assist you every weekday, except holidays, between the hours of 7:00 a.m. and 5:00 p.m. PST.

Limited Lifetime Warranty

SpeakerCraft Inc. warrants to the original retail purchaser only that this SpeakerCraft product will be free from defects in materials and workmanship, provided the speaker was purchased from a SpeakerCraft Authorized Dealer.

Defective products must be shipped, together with proof of purchase, prepaid insured to the SpeakerCraft Authorized Dealer from whom they were purchased, or to the SpeakerCraft factory at the address listed on this installation instruction manual. Freight collect shipments will be refused. It is preferable to ship this product in the original shipping container to lessen the chance of transit damage. In any case, the risk or loss or damage in transit is to be borne by the purchaser. If upon examination at the Factory or SpeakerCraft Authorized Dealer it is determined that the unit was defective in materials or workmanship at any time during this warranty period, SpeakerCraft or the SpeakerCraft Authorized Dealer will, at its option, repair or replace this product at no additional charge, except as set forth below. If this model is no longer available and can not be repaired effectively, SpeakerCraft, at its sole option may replace the unit with a current model of equal or greater value. In some cases where a new model is substituted, a modification to the mounting surface may be required. If mounting surface modification is required, SpeakerCraft assumes no responsibility or liability for such modification. All replaced parts and product become the property of SpeakerCraft Inc. Products replaced or repaired under this warranty will be returned to the original retail purchaser, within a reasonable time, freight prepaid.

This warranty does not include service or parts to repair damage caused by accident, disaster, misuse, abuse, negligence, inadequate packing or shipping procedures, commercial use, voltage inputs in excess of the rated maximum of the unit, or service, repair or modification of the product which has not been authorized or approved by SpeakerCraft. This warranty also excludes normal cosmetic deterioration caused by environmental conditions. This warranty will be void if the Serial number on the product has been removed, tampered with or defaced.

This warranty is in lieu of all other expressed warranties. If the product is defective in materials or workmanship as warranted above, the purchaser's sole remedy shall be repair or replacement as provided above. In no event will SpeakerCraft be liable for any incidental or consequential damages arising out of the use or inability to use the product, even if SpeakerCraft Inc. or a SpeakerCraft Inc. Authorized Dealer has been advised of the possibility of such damages, or for any claim by any other party. Some states do not allow the exclusion or limitation of consequential damages, so the above limitation and exclusion may not apply.

All implied warranties on the product are limited to the duration of this expressed warranty. Some states do not allow limitation on the length of an implied Warranty. If the original retail purchaser resides in such a state, this limitation does not apply.

