



Stereo Speaker Selector Boxes with Volume Control

Vanco Part Number:
SS2V - Two Pair
SS4V - Four Pair

Technical Support

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DEAR CUSTOMER

Thank you for purchasing this product.
For optimum performance and safety, please
read these instructions carefully before
connecting, operating or adjusting this product.
Please keep this manual for future reference.

WARNING

1. Do not expose this unit to water, moisture, or excessive humidity.
2. Do not install or place this unit in a built-in cabinet, or other confined space without adequate ventilation.
3. To prevent risk of electrical shock or fire hazard, due to overheating, do not obstruct unit's ventilation openings.
4. Do not install near any source of heat, including other units that may produce heat.
5. Do not place unit near flames.
6. Only clean unit with a dry cloth.
7. Unplug unit during lightening storms, or when not used for an extended period of time. A surge protector is strongly recommended.
8. Protect the power cord from being walked on or pinched, particularly at the plugs.
9. Use unit only with accessories specified by the manufacturer.
10. Refer all servicing to qualified personnel.

FEATURES

INTRODUCTION:

Thank you for your purchase of a VSS2/VSS4 Dual Source Speaker Selector. The VSS2/VSS4 are low-profile speaker distribution systems which features:

- An independent On/Off switch for each zone of audio
- Impedance volume control for each audio zone
- Ability to select either of the two stereo speaker-level signals to two audio zones for the VSS2 or 4 audio zones on VSS4

Four Pair Stereo Speaker Selector Box with Volume Control

Part # SS4V

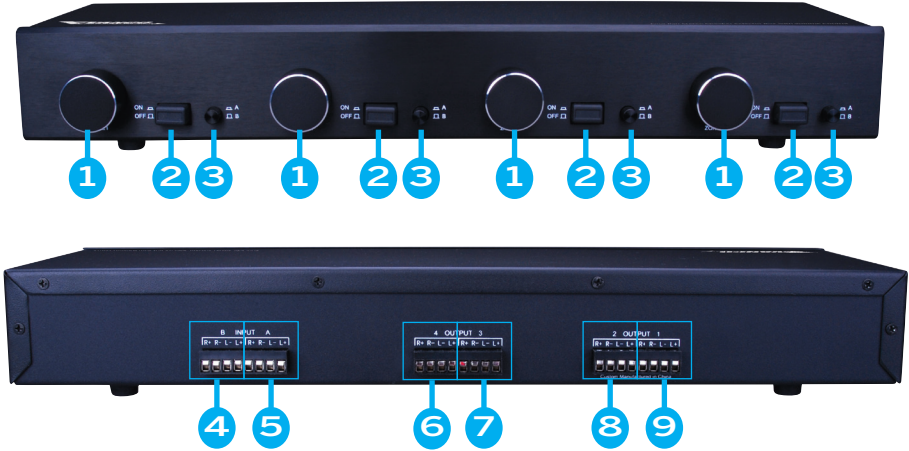
- Distributes high level (amplified) stereo signals into four zones with built in impedance matching volume control
- Features the ability to switch up to two audio sources with independent source switch per zone
- Each zone features an ON/OFF switch to control each zone independently
- Removable and solderless connection terminals for easy installation
- High quality metal chassis with brushed black aluminum faceplate
- Accepts up to 14 gauge speaker cable
- 200 watts max power per channel
- 100 watts RMS per channel
- Dimensions: 17" W x 2.5" H x 6.5" D

Two Pair Stereo Speaker Selector Box with Volume Control

Part # SS2V

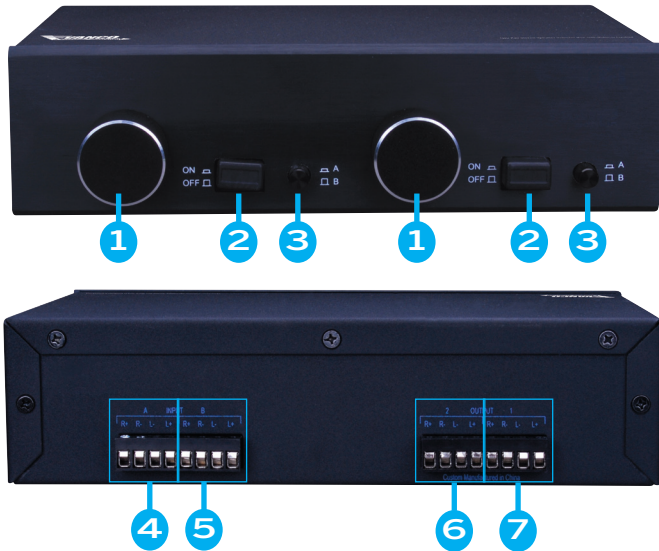
- Distributes high level (amplified) stereo signals into two zones with built in impedance matching volume control
- Features the ability to switch up to two audio sources with independent source switch per zone
- Each zone features an ON/OFF switch to control each zone independently
- Removable and solderless connection terminals for easy installation
- High quality metal chassis with brushed black aluminum faceplate
- Accepts up to 14 gauge speaker cable
- 200 watts max power per channel
- 100 watts RMS per channel
- Dimensions: 10" W x 2.5" H x 6.5" D

SS4V PANEL DESCRIPTIONS



1. Level Adjust
2. Zone On/Off
3. A/B Source Select
4. Input B
5. Input A
6. Output 4 (Zone 4)
7. Output 3 (Zone 3)
8. Output 2 (Zone 2)
9. Output 1 (Zone 1)

SS2V PANEL DESCRIPTIONS



1. Level Adjust
2. Zone On/Off
3. A/B Source Select
4. Input A
5. Input B
6. Output 2 (Zone 2)
7. Output 1 (Zone 1)

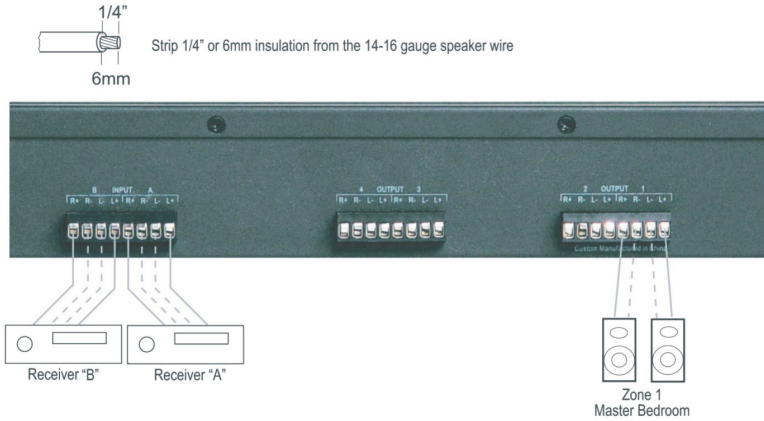
PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

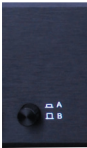
- SS2V or SS4V
- (1) User Manual

INSTALLATION AND CONNECTION

The "+/-" polarity connections for the inputs and outputs are clearly marked on the rear panel and use screw-type speaker terminals. The modules which allow the wires to be connect can be removed for easier access and installation. Make sure that the system and all source components are powered down before making any connections.



Connect the speaker wire to the appropriate "+/-" terminals of each speaker and amplifier/AVR. Route the speaker wires from each zone and amplifier/AVR to the speaker selector. The terminals on the speaker selector accepts up to 14 gauge wire with 14-16 gauge wire being recommended. Strip 1/4" insulation from the end of the speaker wire and slightly twist to avoid fraying. Loosen the screw on the appropriate speaker terminal and insert the striped end of the wire into the proper terminal. Make sure the proper "+/-" polarity is maintained when connecting the speaker wires. Tighten the screw to clamp the cable in place.



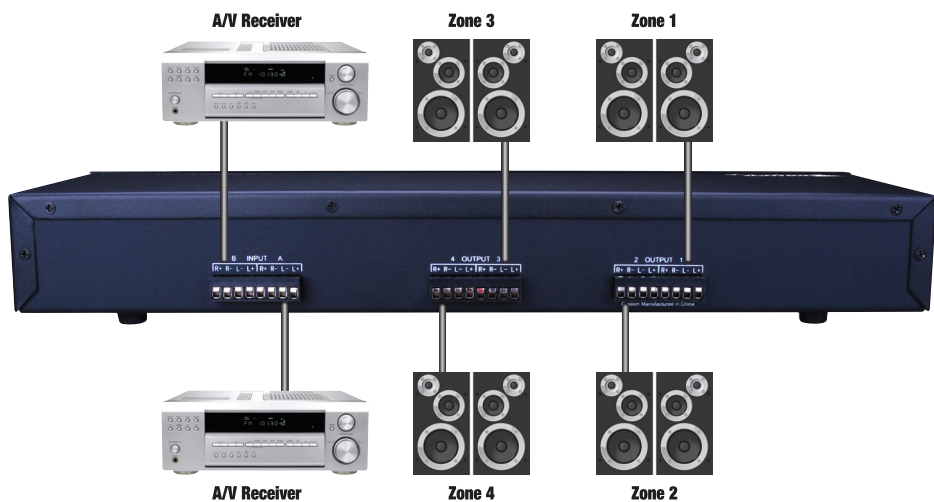
The VSS2/VSS4 have the ability to select between "A" and "B" sources.



There is an 8-position plug on the left rear of the unit labeled "INPUT". This is where the speaker level inputs from two sources are connect. Wires are attached in the same manner as above.

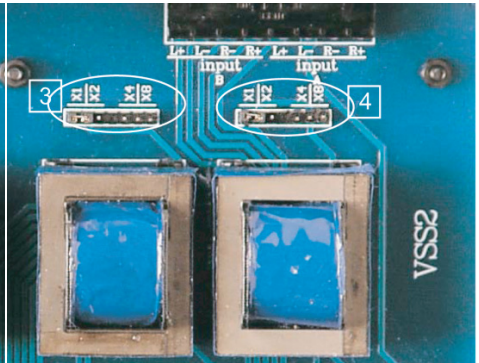
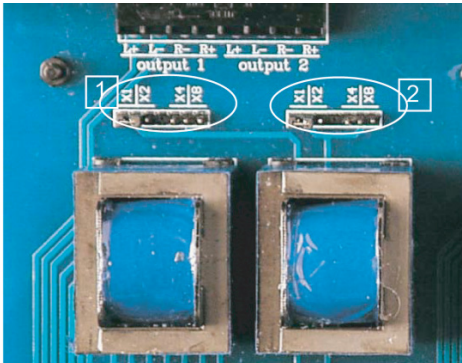
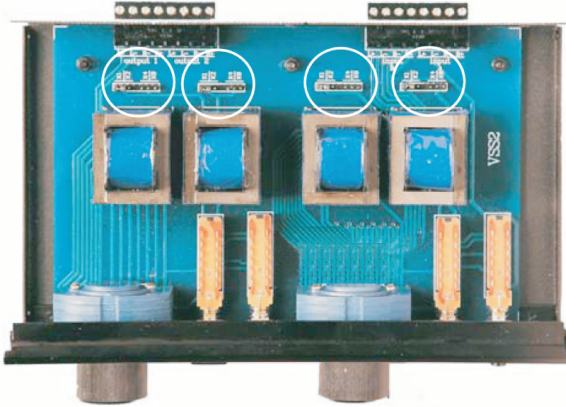
Once everything is connected, you can begin testing. Turn on the sound system and set the amplifier's volume control to a moderate level. If each zone is turned on, check each zone for audio and balance. If you have two sources connected ("A" and "B"), test each zone's source switching. If you only have one source connected ("A"), make sure all source switches are set "A".

CONNECT AND OPERATE



ADVANCED INSTALLATION

The VSS2/VSS4 come shipped from the factory set up for one pair of 8-Ohm loudspeakers to be connected to each zone. If you are using speakers other than 8-Ohm the VSS2/VSS4 can be set up in the following manner.



The four jumpers that are circled control the impedance of the speakers as follows:

- 1) Output 1 (left speaker)
- 2) Output 1 (right speaker)
- 3) Output 2 (left speaker)
- 4) Output 2 (right speaker)
- 5) Output 3 (left speaker-VSS4)
- 6) Output 3 (right speaker- VSS4)
- 7) Output 4 (left speaker-VSS4)
- 8) Output 4 (right speaker- VSS4)

Each jumper has four positions labeled X, X2, X4, and X8. The VSS2 and VSS4 are shipped from the factory with the jumpers in the X2 position. This ensures that the minimum load with all zones turned on will be 4-Ohms (assuming all the speakers connected are 8-Ohm speakers).

If your speakers are 4-Ohm, you should reset the jumpers on all of the speakers to the X4 position. This will ensure that the minimum load to your amplifier will be 4-Ohms with all of the speakers connected.

In either situation, if one pair of speakers is set to "B" source while all others are set to the "A" source, you will have to increase your level setting on the switchers volume control for the "B" source as the impedance will now be increased to 16-Ohms which may result in a slight loss of volume. It is important that the minimum impedance is maintained at a safe level.

TROUBLE-SHOOTING

SAFETY AND NOTICE

The SS2V and SS4V have been tested for conformance to safety regulations and requirements, and have been certified for international use. However, like all electronic equipments, the SS2V and SS4V should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Follow all instructions and warnings marked on this unit.
- Do not attempt to service this unit yourself, except where explained in this manual.
- Provide proper ventilation and air circulation and do not use near water.
- Keep objects that might damage the device and assure that the placement of this unit is on a stable surface.
- Use only the power adapter and power cords and connection cables designed for this unit.
- Do not use liquid or aerosol cleaners to clean this unit.
- Always unplug the power to the device before cleaning.

LIMITED WARRANTY

With the exceptions noted in the next paragraph, Vanco warrants to the original purchaser that the equipment it manufactures or sells will be free from defects in materials and workmanship for a period of two years from the date of purchase. Should this product, in Vanco's opinion, prove defective within this warranty period, Vanco, at its option, will repair or replace this product without charge. Any defective parts replaced become the property of Vanco. This warranty does not apply to those products which have been damaged due to accident, unauthorized alterations, improper repair, modifications, inadequate maintenance and care, or use in any manner for which the product was not originally intended.

Items integrated into Vanco products that are made by other manufacturers, notably computer hard drives and liquid crystal display panels, are limited to the term of the warranty offered by the respective manufacturers. Such specific warranties are available upon request to Vanco. A surge protector, power conditioner unit, or an uninterruptible power supply must be installed in the electrical circuit to protect against power surges.

If repairs are needed during the warranty period the purchaser will be required to provide a sales receipt/sales invoice or other acceptable proof of purchase to the seller of this equipment. The seller will then contact Vanco regarding warranty repair or replacement.

LIABILITY STATEMENT

Every effort has been made to ensure that this product is free of defects. The manufacturer of this product cannot be held liable for the use of this hardware or any direct or indirect consequential damages arising from its use. It is the responsibility of the user and installer of the hardware to check that it is suitable for their requirements and that it is installed correctly. All rights are reserved. No parts of this manual may be reproduced or transmitted by any form or means electronic or mechanical, including photocopying, recording or by any information storage or retrieval system without the written consent of the publisher.

Manufacturer reserves the right to revise any of its hardware and software following its policy to modify and/or improve its products where necessary or desirable. This statement does not affect the legal rights of the user in any way.

TECHNICAL SUPPORT

In case of problems, please contact Vanco Technical Support by dialing 1-800-626-6445. You can also email technical support issues to techsupport@vanco1.com.

When calling, please have the Model Number and Invoice available for reference during the call.

Please read this Instruction Manual prior to calling or installing this unit, since it will familiarize you with the capabilities of this product and its proper installation.

All products are 100% inspected and tested to insure highest product quality and trouble-free installation and operation.

For additional information, such as helpful installation videos, glossary of terms, etc. please visit vanco1.com

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