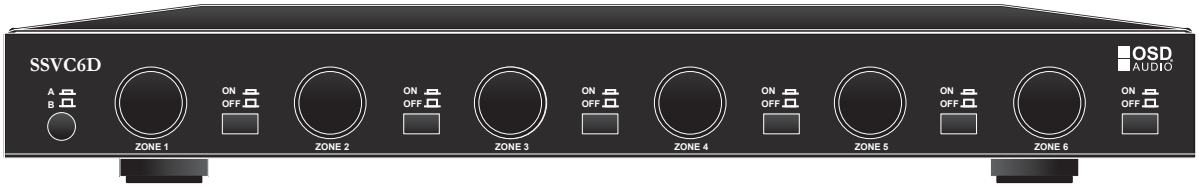
OSD AUDIO

STEREO SPEAKER SELECTORS

OSD-SSVC6D



USER MANUAL

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IMPORTANT SAFTY PRECAUTIONS

When using this product, basic safety precautions should always be followed to reduce the risk of fire and electric shock, including the following:

- Read and understand all instructions.
- Follow all warnings and instructions marked on this product.
- Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
- To prevent fire or shock hazard, do not expose this product to rain or moisture. Do not use near a bath tub, wash bowl, sink, or laundry tub; do not use in a wet basement or in a swimming pool.
- To avoid electrical shock, do not open the case of this product.
- The unit should be situated away from heat sources such as radiators, stoves, etc.

What's Included

1 - Speaker Selector
1 - This instruction manual

INTRODUCTION

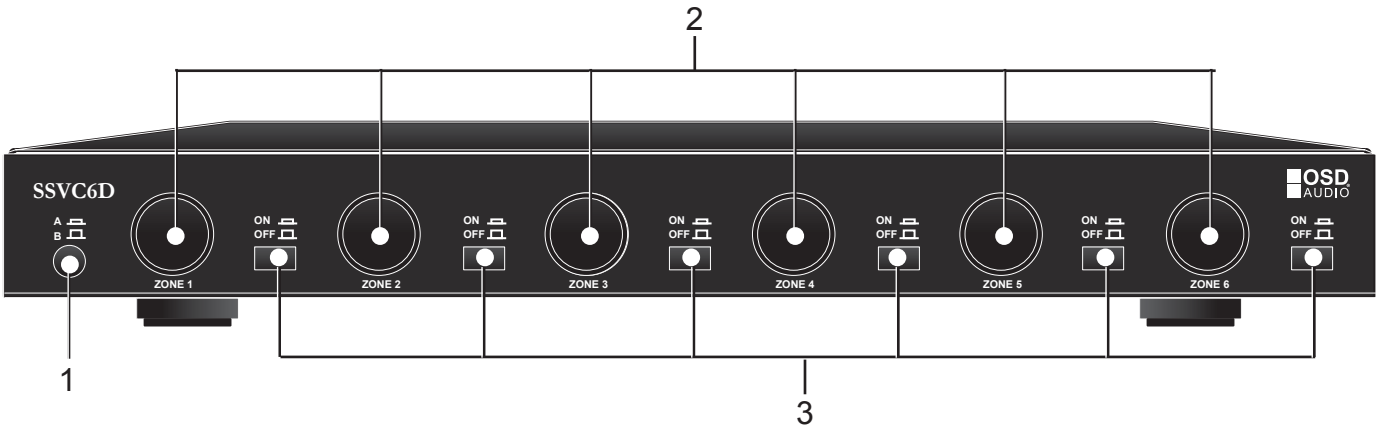
The speaker selector series has been designed to let you add speakers around your home or office while maintaining a central control. Turn them on and off and adjust the volume without requiring additional amplifiers.

SSVC6D

6-Zone Speaker Selector with Dual Source (A or B) Operation, Internal Volume Controls and Adjustable Impedance Matching

- Connect and control up to 6 independent zones with Dual Source (A or B Master Switch)
- Automatic, adjustable (internal) impedance matching protection circuitry
- 6 individual Rotary Style Internal volume controls with 12-step 54dB attenuation
- Easily labeled, front-mounted slotted push on/off button control
- Heavy-duty, removable input/output connectors accept up to 14ga speaker cable
- Isolated left/right circuit grounds for amplifiers with floating grounds or bridged configurations
- Advanced design for easy installation and hassle-free operation
- Brushed aluminum front faceplate

FRONT PANEL

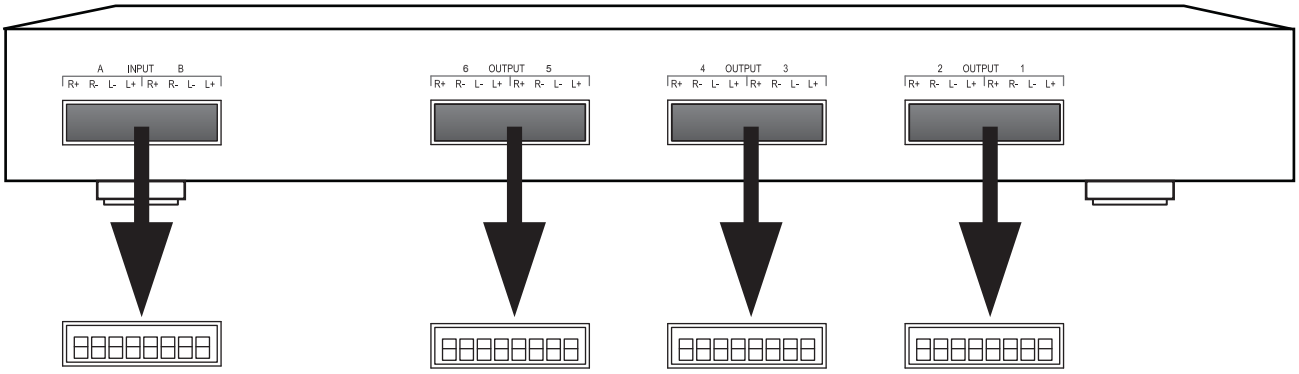


CONTROLS

1.Master Source Switch (Select A or B)
2.Rotary Style Volume Control Knob 6 total one for each Zone Six Individual Zone
3.Six Individual Zone On/Off, Slotted buttons for easy labeling

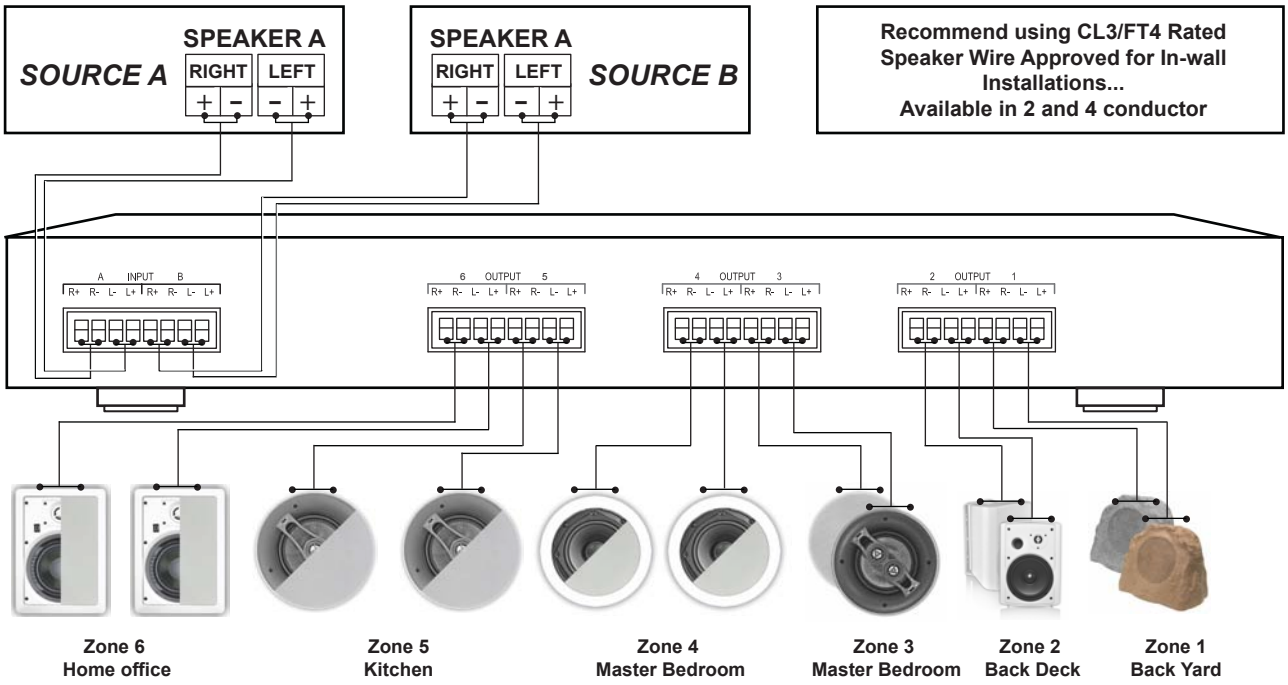
REAR PANEL:

3. One Source A and B Input, Removable Connector
4. Three Output Removable Connectors, Zones 1 & 2, Zones 3 &4 and Zones 5 & 6



TYPICAL HOOKUP:

• Dual Source; choice of A or B Input, Master A or B Switch on front panel
• Three Dual Zone Connectors, Stereo Right and Left Positive and Negative Connections



Note: Six independent Stereo zones with on/off button on front panel. As in the example, you can connect a number of different types of speakers including Rocks, Patio, In-Ceiling and In-Wall Speakers. Zone 3 features a single stereo Dual Voice Coil speaker with both a right and left stereo connection.

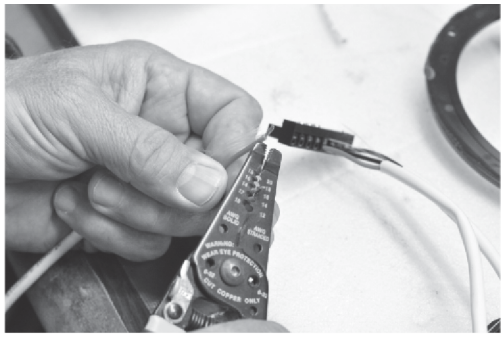
INSTALLATION TIPS

- OSD Audio recommends using 16 AWG gauge stranded wire. For runs longer than 50', 14 gauge is recommended.
- You can mix 4, 6, 8 and 16 ohm speakers.
- Since speakers have different efficiencies, more efficient speakers will sound louder than less efficient speakers. Select speakers with the same efficiencies (I.e., sensitivity: a typical measurement is 90 dB/watt)
- Wire according to state and local laws. Most states or counties require in-wall speaker wire with a specific "CL" fire rating. CL2 is for Residential only; CL3 is approved for both Residential and Commercial applications. This cable is available from OSD Audio or consult your dealer.
- Keep the speaker wiring from running close to AC power wiring for safety and to avoid any noise pick up.

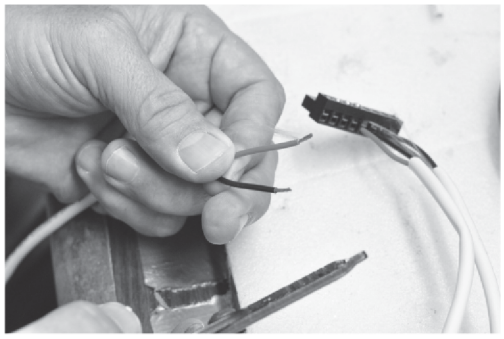
INSTALLATION

Make sure your receiver or power amplifier is turned off before doing any wiring.

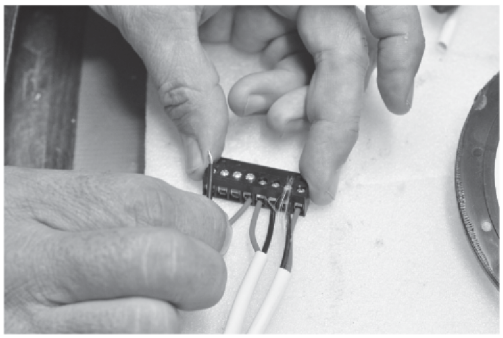
• When connecting wire, use a wire stripper and strip 3/8" of insulation from the end of the wire. To avoid short circuits and possible amplifier damage, do not strip too much insulation from the wire.
·Tightly twist the end of the wire so that there are no frayed wires.

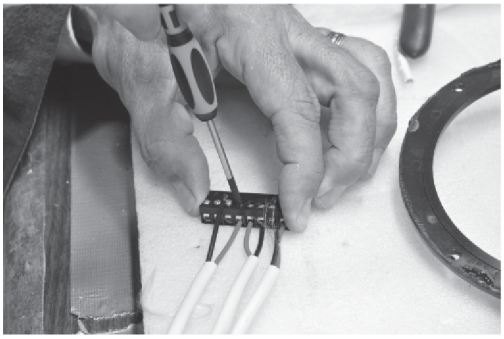


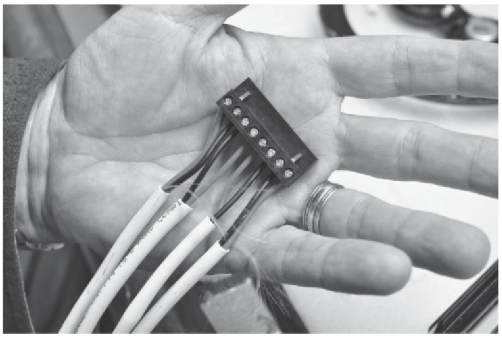
• For wiring convenience, unplug connectors from the connector block. Verify that there are no wire frays. •Insert wire and tighten the terminal screw using a small screwdriver. Connect the wires from the speaker output from your receiver or amplifier to the SSVC6D terminals marked AMPLIFIER. Pay attention and connect the "+" output from the right front output on the amplifier to the right "+" input on the SSVC6D and connect the "-" output from your amplifier to the "-" input on the SSVC6D. Likewise, connect the left channel wires to the left input of the SSVC6D.



• Next, connect the wires from each of the speakers to the corresponding connection on the SSVC6D. If you are using a second amplifier, connect it to the AMP B terminal. Plug connectors back into the unit. Warning: Be sure connectors are plugged in correctly – do not shift over one pin.







OPERATION

For initial connection, OSD Audio recommends selecting one speaker pair located closest to the room where you are operating the SSVC6D. Select this speaker pair and turn on your receiver/amplifier. Make sure sound is coming from both speakers. Before you turn on additional speakers, read the information below.

This Volume Control is a passive device (no power supply) that takes a signal from the source and allows you to attenuate or turn the sound down. It does not add or increase the gain. Its main function is to provide impedance matching of your speakers to the amplifier or receiver to which the SSVC6D is connected. This is especially important when playing more than two pair of speakers at once. Each internal volume control has impedance jumpers that allow users to select 1X, 2X, 4X or 8X. These settings correspond to the number of speaker pairs you will be adding to each zone and should be adjusted accordingly. The default is 4X for each. Changing the settings involves removing the cover of the Speaker Selector. If you have a question regarding changing these jumper settings you should first call our tech support at OSD Audio to walk you through the procedure.

Level Controls: Turning the level control fully counterclockwise will reduce the level of sound to fully muted. Turning the level control clockwise will increase the volume in approximately 3 dB to 6 dB increments (depending on which of the 12 steps for a total of 54dB). Note: Even though there is no sound coming out of the speakers when turned fully counterclockwise, the Volume Control is still engaged and drawing signal to its transformers. OSD Audio recommends using the on/off switch for the respective zone to fully turn the Volume Control off

Note: Refer to your amplifier or receiver's user manual or on the rear panel of the unit to determine the minimal speaker impedance that your amplifier can handle.