

# NX-SSVC6 6-Zone Automatic Impedance Matching Speaker Selector with Volume Controls

Congratulations on choosing the NX-SSVC6 Impedance Matching Speaker Selector. Like all NXG products, great care has been taken in its design. We hope the combination of advanced engineering and state-of-the-art materials will provide you with a lifetime of listening pleasure.

## Introduction

The NX-SSVC6 is a resistor based, impedance matching speaker selector/volume controller used for connecting six pairs of (4 ohm or 8 ohm) speakers while maintaining a safe impedance load for your receiver or amplifier. The NX-SSVC6 allows you to adjust the volume of any pair of speakers independently. Additionally, each pair of speakers can be selected (on/off) independently in any combination, by the push-buttons on the front of the unit, without concern for amplifier loading.

## Features and Benefits

1. Connect and safely control up to six speaker pairs with one amplifier.
2. Built in automatic impedance protection circuitry engages without the need for user involvement.
3. Individual room on/off control via the front mounted pushbuttons.
4. Individual room volume via the front mounted 12 position rotary controls.
5. Heavy-duty screw-type connectors, capable of accepting up to 12 AWG wire, provide positive hookup to input and output wires.
6. Isolated left/right circuit grounds provide safe connection for amplifiers with floating grounds or bridged configuration.
7. High quality construction throughout provides excellent reliability, accurate switching, and noise-free volume control.
8. Intelligent design allows simple installation, easy connection, and trouble-free operation.
9. Rubber feet prevent scratching and keep selector in place during operation.

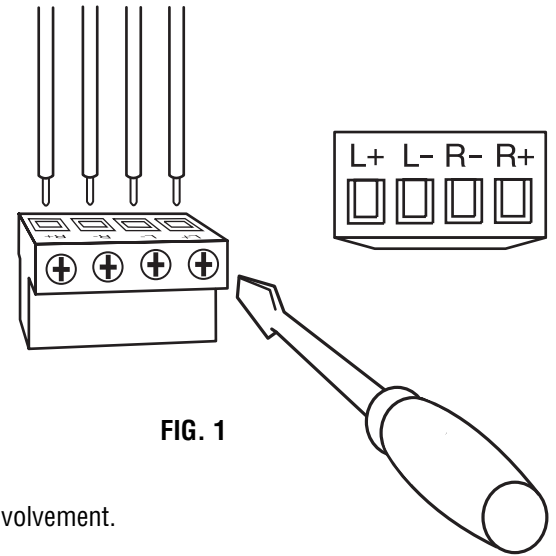
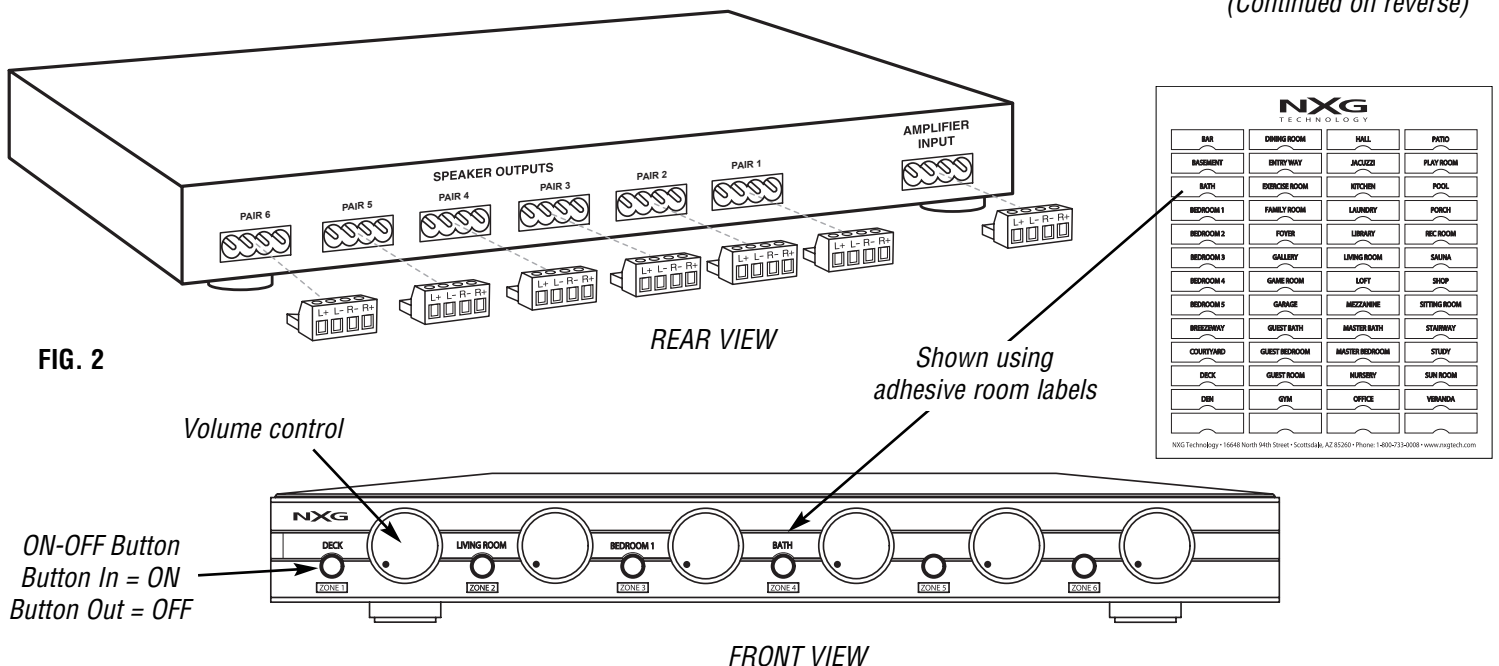


FIG. 1

## Wiring Instructions

Follow the suggestions that came with your receiver or speakers for determining the correct wire gauge needed to connect your NX-SSVC6 speaker selector. Lay out all wire runs from each speaker location and your receiver to your selector. Remove the connector blocks from the selector and make all the connections to the connector blocks as shown in Figure 1. (If your receiver or amplifier has both A & B outputs connect your NX-SSVC6 to your receiver's A outputs.) Pay close attention to make certain all strands of bare wire are completely inserted into the connector properly and that no loose strands are outside the connector hole. Any loose strands could possibly touch another wire and short the receiver's output. After you have tightened the screw terminals to secure the wires, insert the connector block back into your selector as shown in Fig 2.

(Continued on reverse)



(Continued from front)

## Setting the NX-SSVC6 Volume Controls

This procedure will allow you to properly set the volume of your system to avoid overdriving the NX-SSVC6 and or your speakers to avoid damage or amplifier distortion (clipping).

1. Set your receiver's volume control to the minimum setting.
2. Turn each volume control on the NX-SSVC6 to it's maximum setting.
3. Now, slowly turn the volume up on your receiver until you get the maximum volume (without distortion) you want in any given room that's connected to the NX-SSVC6.
4. Now you can attenuate the volume of each room independently to achieve the proper listening level in each room.

Fig. 3 shows a typical system diagram for the NX-SSVC6 speaker selector.

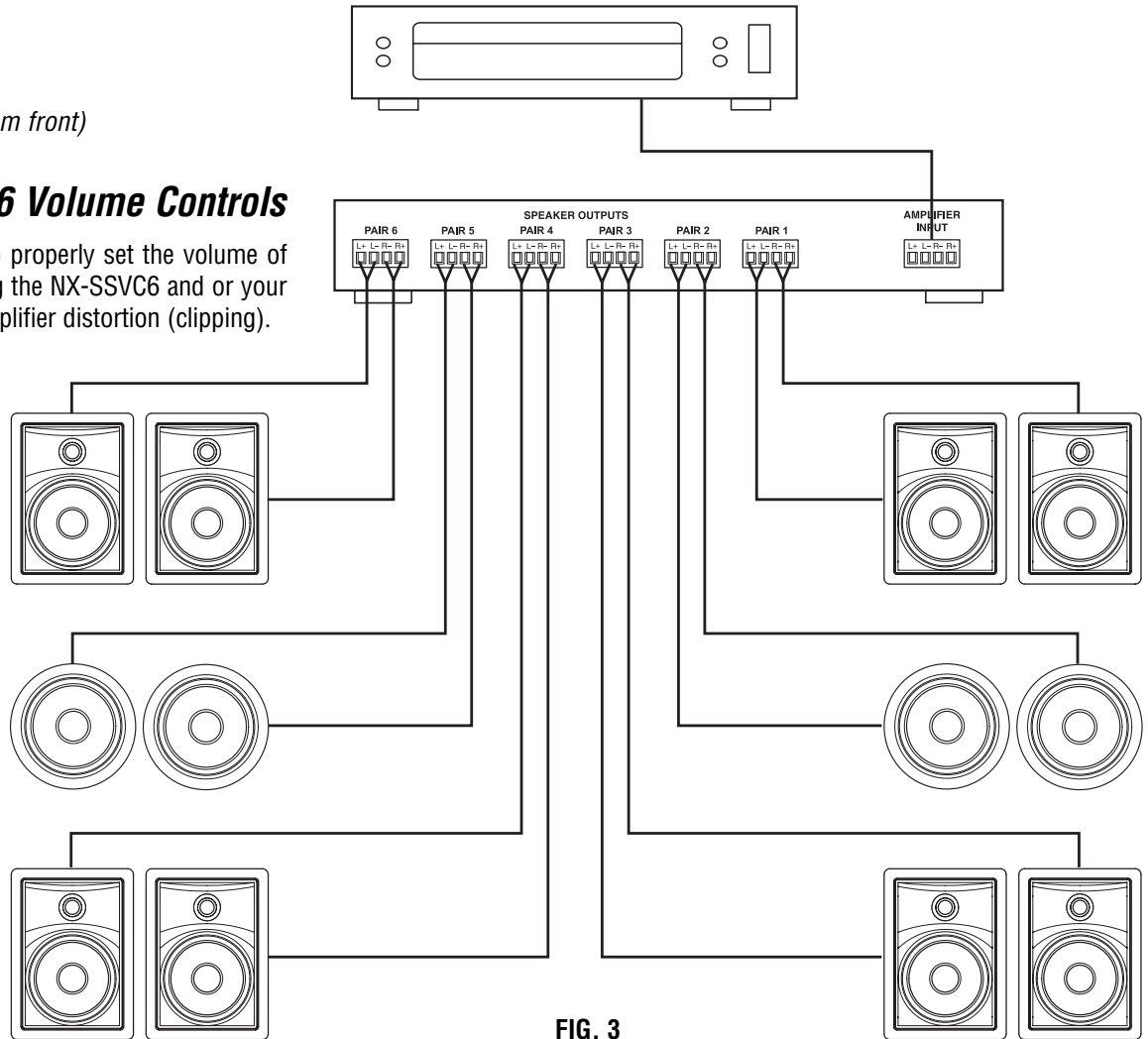


FIG. 3

## Specifications

**Power Handling:** 100 watts RMS per channel

**Frequency Response:** 20 Hz – 22 kHz (+0dB, -0dB)

**On/Off Selector Type:** Noise-free, front access, pushbuttons

**Volume Control:** 12 step, rotary, attenuation

**Wire Size Acceptance:** 2 or 4 conductor, stranded,  
16 AWG to 12 AWG

**Dimensions:** 2<sup>1</sup>/<sub>8</sub>" (54mm) H x 16<sup>3</sup>/<sub>4</sub>" (425mm) W x 10<sup>1</sup>/<sub>4</sub>" (26mm) D  
(Depth includes speaker connectors & volume control knobs;  
height includes feet)

**Maximum Number of Speaker Connections:** 6 pairs @ 4 ohm minimum.

**Minimum Amplifier Impedance w/All Rooms Selected @ Full Volume Each:**  
5.3 ohm w/8 ohm speakers connected  
4.6 ohm w/4 ohm speakers connected

### NXG One-Year Limited Warranty

If the NXG speaker selector proves to be defective in workmanship or materials within one year from the date of the original customer's purchase, we will, at our option, repair or replace the defective product.

### Limitation of Implied Warranties

Any implied warranties, including warranties of merchantability and fitness for a particular purpose, are limited in duration to the length of this warranty.

### Exclusion of Certain Damages

NXG's liability for any defective product is limited to repair or replacement of the product at our option. NXG shall not be liable for incidental or consequential damages of any kind or character because of product defects. Some states do not allow limitations

on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply.

### This Warranty Does Not Cover:

- Damage caused by abuse, accident, misuse, negligence, or improper operation.
- Any product whose serial number has been altered, defaced, or removed.
- Products that have been altered or modified.
- Normal wear and maintenance.
- Damages caused by shipping. (All claims for shipping damage must be made with the carrier.)

### Warranty Service

Warranty service must be performed by an authorized service center, usually a NXG speaker systems dealer or its authorized agent. You may obtain a list of authorized service centers by contacting NXG. All warranty repairs must be accompanied by the original bill of sales. No other document is acceptable or is required. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

NXG reserves the right to revise speaker system specifications without notice.

**NXG**  
TECHNOLOGY

16648 North 94th Street  
Scottsdale, AZ 85260  
1-800-733-0008  
www.nxgtech.com