

INWALLTECH

Inwall SS4R & SS6R Automatic Impedance Matching Speaker Selectors

Congratulations on choosing the SS4R/SS6R Impedance Matching Speaker Selector. Like all Inwall 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 SS4R and SS6R are resistor based, impedance matching speaker selectors used for connecting four or six pairs of (4 ohm or 8 ohm) speakers while maintaining a safe impedance load for your receiver or amplifier. Each pair of speakers can be turned on or off independently in any combination, by the pushbuttons on the front of the unit, without concern for amplifier loading.

Features and Benefits

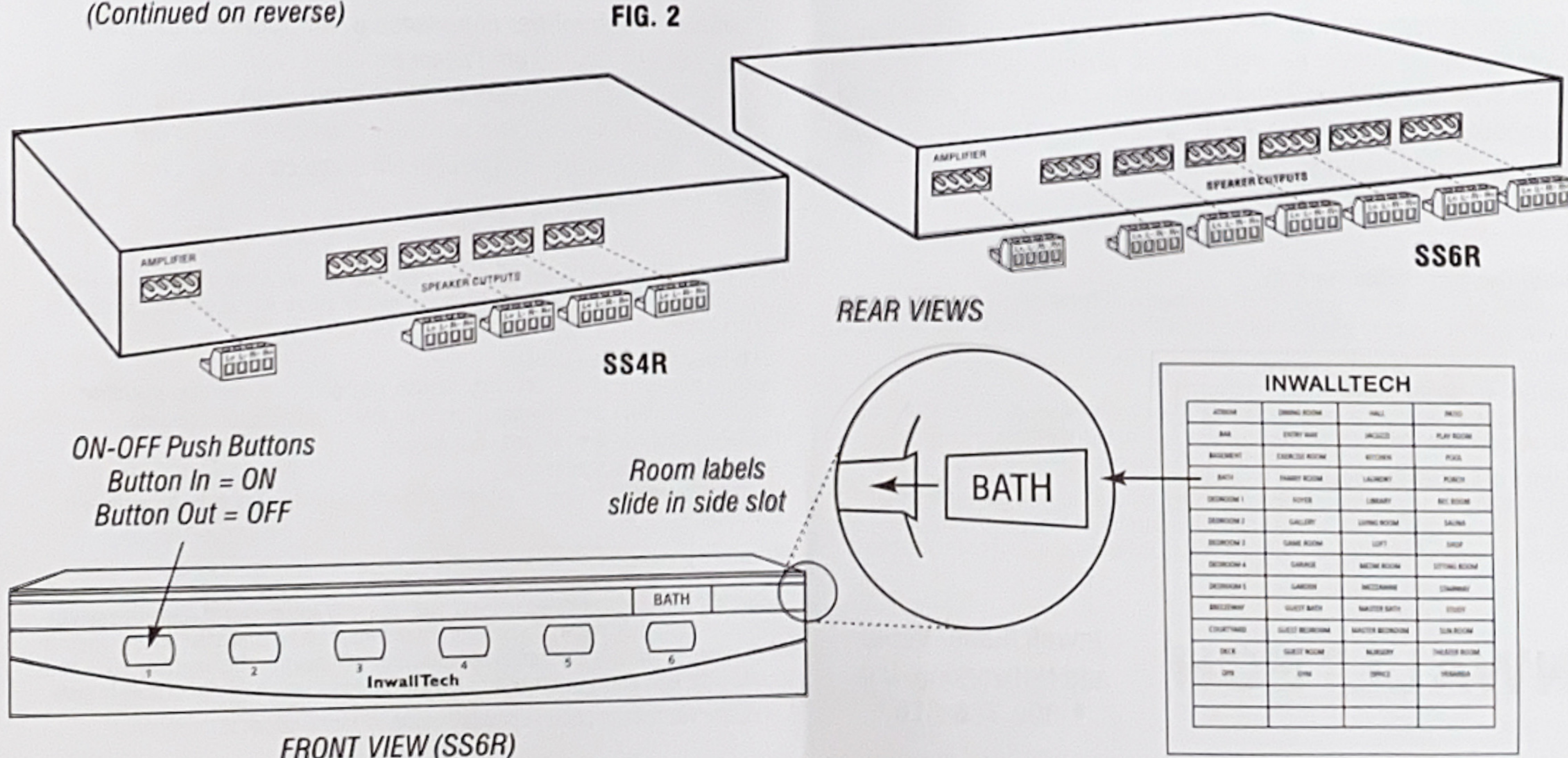
1. Connect and safely control multiple speaker pairs with one amplifier.
2. Automatic impedance protection circuitry engages without the need for user involvement.
3. Individual room on/off pushbuttons.
4. Heavy-duty screw-type connectors, capable of accepting up to 12 AWG wire, provide positive hookup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

Wiring Instructions

Follow the suggestions that came with your receiver or speakers for determining the correct wire gauge needed to connect your SS4R/SS6R 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 SS4R/SS6R 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.

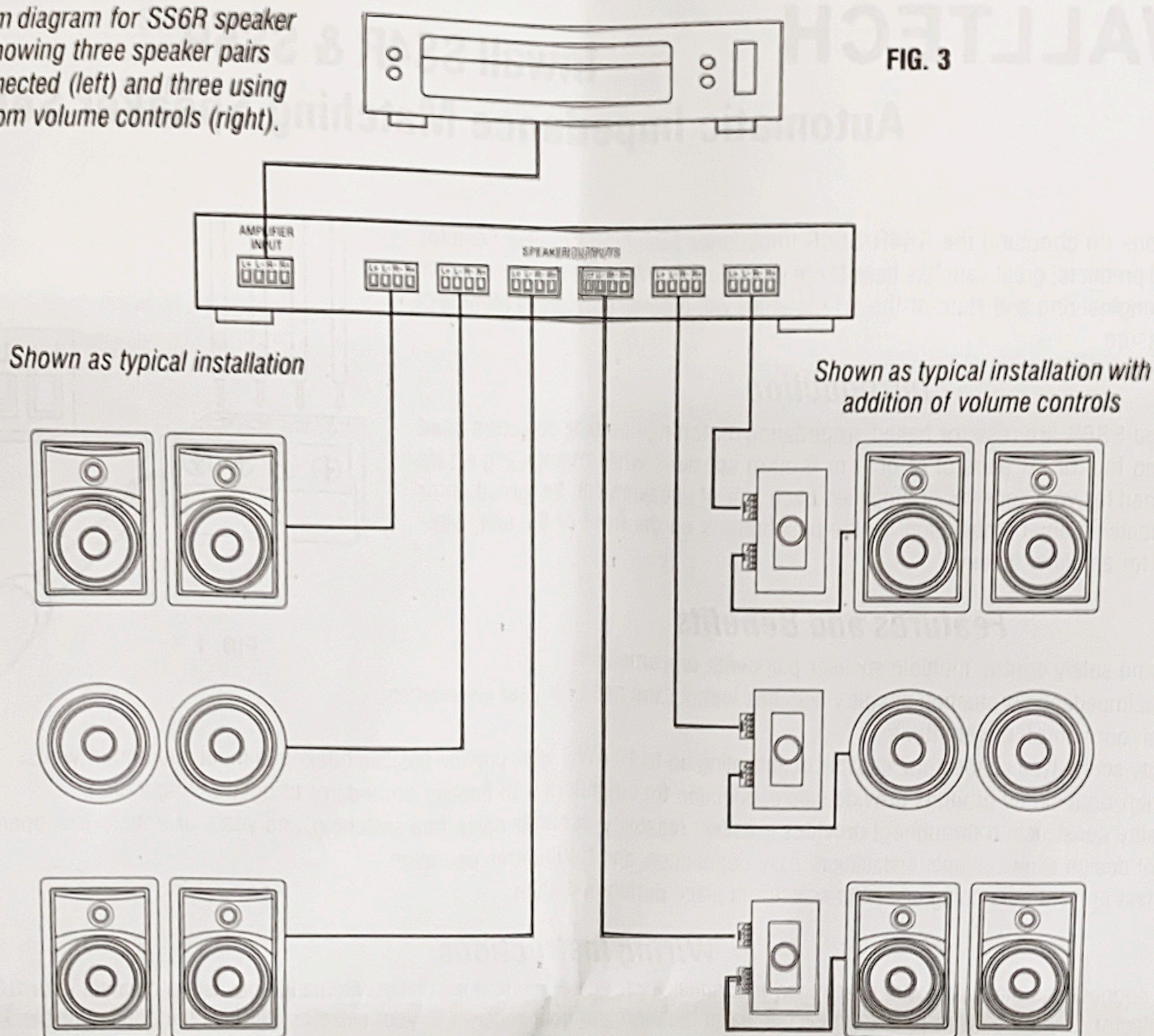
(Continued on reverse)

FIG. 2



Typical system diagram for SS6R speaker selector showing three speaker pairs directly connected (left) and three using optional room volume controls (right).

FIG. 3



Specifications

Power Handling: 100 watts RMS per channel
Frequency Response: 20 Hz – 22kHz (+0dB, -0dB)
Selector Type: Noise-free, front access, pushbuttons
Wire Size Acceptance: 2 or 4 conductor, stranded, 16 AWG to 12 AWG
Dimensions: 1 7/8" (48mm) H x 11 1/2" (292mm) W x 7" (178mm) D
 (Including connectors and pushbuttons)

Maximum Number of Speaker Connections:

SS4R: 4 pairs / 4 ohm minimum
 SS6R: 6 pairs / 4 ohm minimum.

Minimum Amplifier Impedance w/All Speakers Selected:

SS4R (with 8 ohm speakers connected): 6 ohm
 SS4R (with 4 ohm speakers connected): 5 ohm
 SS6R (with 8 ohm speakers connected): 5.3 ohm
 SS6R (with 4 ohm speakers connected): 4.6 ohm

Inwall One-Year Limited Warranty

If the Inwall 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

Inwall's liability for any defective product is limited to repair or replacement of the product at our option. Inwall 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 Inwall speaker systems dealer or its authorized agent. You may obtain a list of authorized service centers by contacting Inwall. All warranty repairs must be accompanied by the original bill of sale. 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.

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

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