

SpeakerCraft®



S4 and S8 Multi-Room Speaker Selectors with InstaLock™ Connector

THE SPEAKERCRAFT MULTI-ROOM SPEAKER SELECTORS ALLOW THE OPERATION OF MULTIPLE PAIRS OF SPEAKERS WHEN USING ONE AMPLIFIER OR RECEIVER. ONCE THE SPEAKERS ARE CONNECTED TO THE SELECTOR, INDIVIDUAL PAIRS MAY BE TURNED ON OR OFF AS DESIRED USING THE PUSH BUTTONS ON THE FRONT OF THE SELECTOR. ONE PAIR, ALL PAIRS, OR ANY ASSORTMENT OF PAIRS MAY BE PLAYED. WHEN ENGAGED, A PROTECTION CIRCUIT ALLOWS THE AMPLIFIER TO OPERATE SAFELY, EVEN WHEN ALL SELECTED SPEAKERS ARE PLAYING.

THE PROCESS OF INSTALLING THE InstaLock™ CONNECTOR MAKES WIRING THE SELECTOR TO YOUR SPEAKERS QUICK AND EASY. WITH A SIMPLE PUSH OF A FINGER UNSTRIPPED WIRES PLACED INTO THE CONNECTOR ARE SOLIDLY SECURED AND A PERFECT ELECTRICAL BOND IS CREATED. THE PROCESS IS QUICK, SIMPLE, AND ELIMINATES THE WORRY OF WIRES BECOMING LOOSE.

INSTALLATION

Guidelines

- Use the Multi-Room Selectors only with amplifiers rated at 125 watts per channel or less.
- The InstaLock™ connectors on the S4 and S8 accept wire from 18 AWG to 14 AWG. If you are not sure about the gauge of the wire you intend to use please consult your SpeakerCraft dealer.
- To avoid possible damage to your amplifier, pay careful attention to the section titled "Protection Settings".
- There are two sets of adhesive area labels for use in identifying the locations of speakers. One set is for use on the front of the connector. The other set is included with the InstaLock™ connector and can be used to more clearly identify wires once they are secured to the InstaLock™ connector.

Placement

The unique suction feet on the bottom of the selectors increase placement options and hold the selector securely when buttons are depressed. The suction feet are designed to work well with a variety of textures that cover the tops of other components.

Connecting Wires to the Selector

For easy installation SpeakerCraft supplies the InstaLock™ wiring harness for connecting the speakers to the selector. If you are using the Multi-Room Selector with distributed audio, you may wish to connect the InstaLock™ wiring harness to the speaker wires and then at a latter time plug it into the selector. The selector can then be quickly connected at the time of "trim out".

STANDARD INSTALLATION USING 18" InstaLock™ CONNECTOR

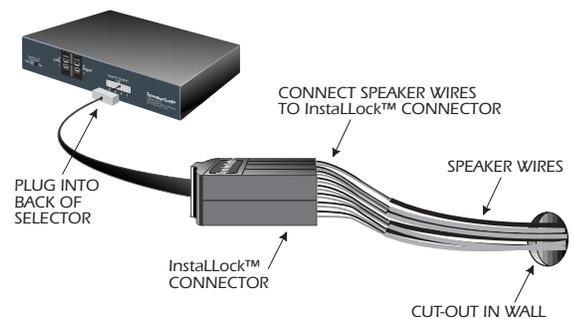


Figure #1

Where to Connect Speakers to the InstaLock™ Connector (see Figures #2 & #3)

The InstaLock™ connector has numbered locations that correspond to the numbered switches on the front of the selector. Connect each pair of speakers to the number you wish to use to operate that pair on the front of the selector. Each location on the connector is marked with a number that corresponds to the front of the selector.

There is a set of area labels provided to make identifying the location of the speaker pairs easier. This label set includes over a hundred area descriptions. If you wish, use a label from the set to identify the location of that pair of speakers where they enter the connector. A separate set of labels is provided for use on the front of the selector. (see Figure #3)

Connecting the Speaker Wires to the InstaLock™ Connector. (see Figures #2 & #3)

It is not necessary to strip any of the wires before installing them into the connector. The connector pierces the insulation of the speaker wire and then wedges itself into the strands of the wire. This creates a "weld" that is superior to conventional termination techniques.

- 1) Identify the proper lever location for the wire you are inserting using the markings on the connector
For example, #1 left positive.
- 2) Place the appropriate wire into the smallest hole it will fit into on the lever. Slide the wire all the way into the channel until it won't go any further. This centers the wire best over the piercing blades.
- 3) With both the positive and negative wire for the speaker placed into the lever, push the lever down until it locks into place. The wire is now secure
- 4) Repeat the above steps until all of the speakers are attached to the connector.

Plugging the InstaLock™ Connector into the Speaker Selector (see Figure #1)

Once the speaker wires are connected to the InstaLock™ connector the connector can be plugged into the back of the selector at any time.

NOTE: The S8 has two harnesses, 1-4 and 5-8. Match the numbered end of the InstaLock™ harness with the numbered input on the speaker selector.

Labeling the front of the Selector and InstaLock™ Connector. (see Figure#3)

There are two identical sets of adhesive labels included with the speaker selector. These labels make it easy to identify which area has been selected when the button is depressed. One set is for use on the front of the selector and the other is for use on the InstaLock™ connector. There are indentations above each button on the front of the selector. Place the appropriate area label into each of these locations. If you can't find the label you need you can create it by writing on one of the blank labels using a pen or small marker.

Connecting the Amplifier Wires to the Selector

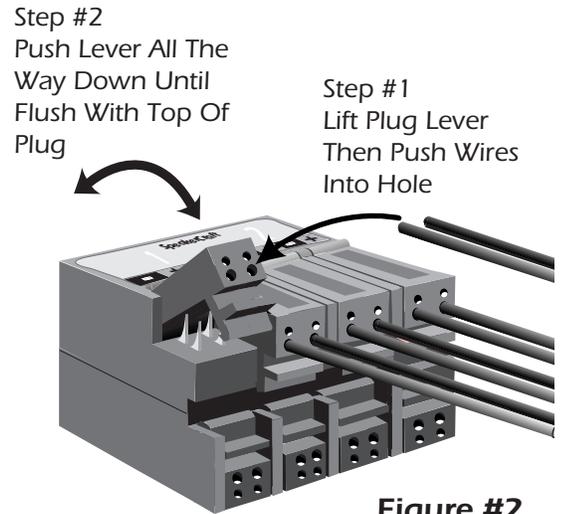


Figure #2

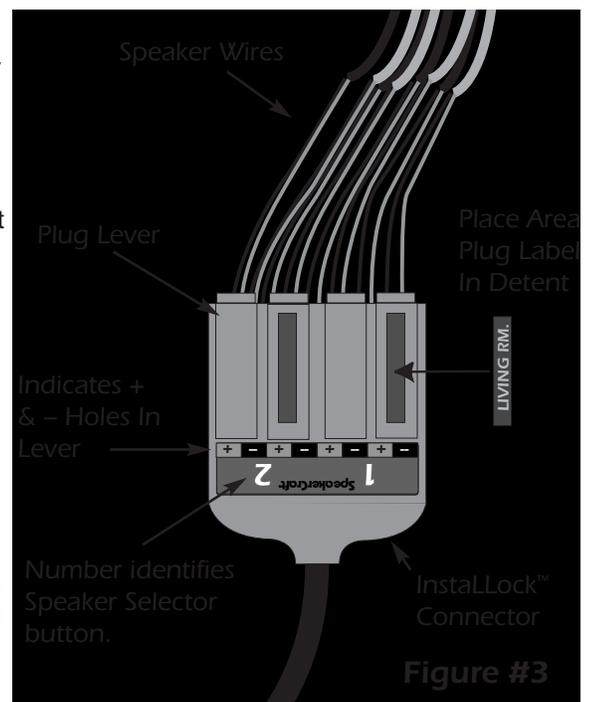


Figure #3

- 1) Connect speaker outputs from the amplifier into the corresponding inputs on the back of the speaker selector using speaker wire.
- 2) To connect the wire to the speaker selector inputs, first strip the wire back 1/4". Then push on the lever next to the corresponding hole in the input terminal and insert the wire. Then release the lever.

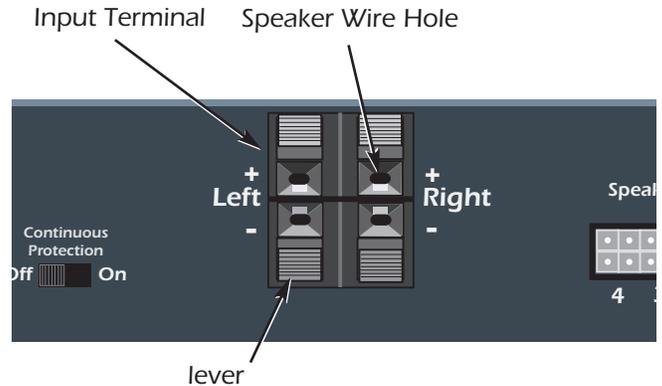


Figure #4

OPERATION

Understanding the Protection Circuit

To prevent damage to your receiver or amplifier the S4 and S8 feature protection circuitry. When engaged the protection features prevent damage from occurring to your amplifier.

When to Use the Front Mounted Protection Switch

The front speaker protection switch should be engaged under the following circumstances to best protect your amplifier. The switch is "ON" when depressed:

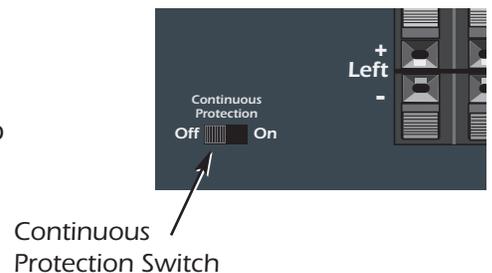
Speakers Selected	Front Protection Button
1 or 2 pair of 8 ohm speakers	OFF
3 or more pairs of 8 ohm speakers	ON
1 pair of 4 ohm speakers	OFF
2, or more pairs of 4 ohm speakers	ON
A combination of 4 and 8 ohm speakers	ON



Figure #5

When to Use the Rear Mounted Protection Switch.

On the back of the selector there is a slide switch labeled "Continuous Protection". When this button is in the "ON" position it will override the front protection button and assure that the protection circuitry is always on, no matter what the position of the front button. This switch should be placed in the "ON" position if you are concerned that someone unfamiliar with the system may fail to properly use the front protection button.



Selecting Speakers

To turn a pair of speakers on, simply depresses the button associated with that pair. Please take precautions to make sure that the amplifier volume is not set at a high level before you depress the button.

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.

SPECIFICATIONS

S4 Four Zone Multi-Room Speaker Selector

Power Handling: 125 Watts Per Channel
Frequency Response: 20Hz to 20 kHz, +/- 0db
Protection: Front Mounted Switch and Rear Override
Dimensions: W= 8 3/8", D= 6 1/2", H= 2 3/8"

S8 Four Zone Multi-Room Speaker Selector

Power Handling: 125 Watts Per Channel
Frequency Response: 20Hz to 20 kHz, +/- 0db
Protection: Front Mounted Switch and Rear Override
Dimensions: W= 17", D= 6 1/2", H= 2 3/8"

SHOULD YOU HAVE ANY PROBLEMS OR QUESTIONS REGARDING THIS, OR ANY OTHER SPEAKERCRAFT PRODUCT, PLEASE CALL OUR TOLL FREE SERVICE HOTLINE @ 1-800-448-0976. WE ARE AVAILABLE TO ASSIST YOU EVERY WEEK DAY, EXCEPT HOLIDAYS, BETWEEN THE HOURS OF 7:00AM AND 5:00PM (Pacific Time).