

PROFICIENT™ Audio Systems

OWNER'S MANUAL

SS8P / SS4P Speaker Selectors

INTRODUCTION

Proficient Speaker Selectors allow the operation of multiple pairs of speakers when using one amplifier or receiver. Once the speakers are connected to the speaker selector, individual pairs may be turned on or off as desired using the push buttons on the front panel. 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. Installation utilizing the Removable Terminal Connectors makes wiring the selector to your speakers quick and easy. With a simple turn of a screw, wires are solidly fastened and a secure electrical bond is created. The process is quick, simple and eliminates the worry of wires becoming loose.

INSTALLATION

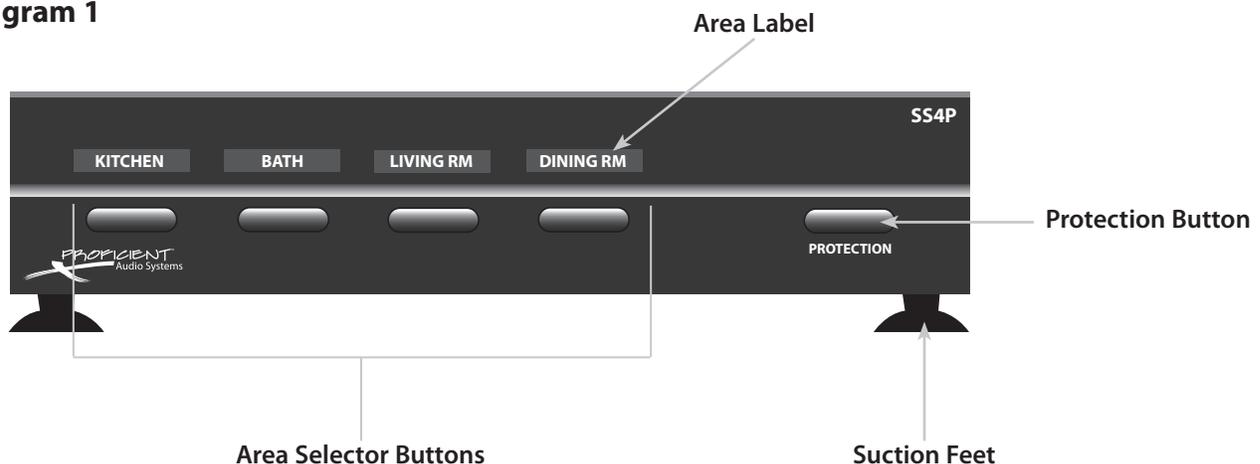
Guidelines

- Use the Speaker Selectors only with amplifiers rated at 125 watts per channel or less.
- The Removable Terminal Connectors on the SS8P and SS4P accept wire up to 14 AWG. If you are not sure about the gauge of the wire you intend to use, please consult your Proficient installing dealer.
- To avoid possible damage to your amplifier, pay careful attention to the section titled *"Operation"* on page 3.
- One set of adhesive area labels are included for identifying the locations of speakers on the front of the Speaker Selector.
- Do not daisy chain (hook the outputs of one selector into the inputs of another) speaker selectors together.
- Do not connect impedance matching volume controls to the speaker outputs of the selectors. Standard volume controls, such as Proficient models VCS60, VC60SIR, VC60SL and VC60AW should be used if separate room control is desired.

Placement

The suction feet hold the speaker selectors in place when buttons are depressed.

Diagram 1

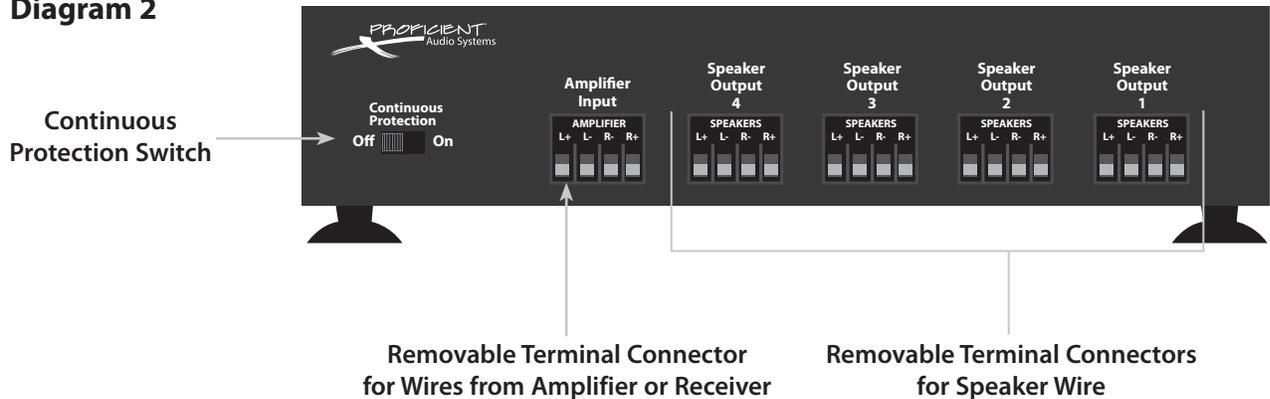


Connecting Wires to the Speaker Selector

CAUTION: Please make sure your amplifier or receiver is turned off before proceeding.

The Removable Terminal Connectors simplify connecting the speaker and amplifier wires to the Speaker Selector. *(See Diagram 2)*

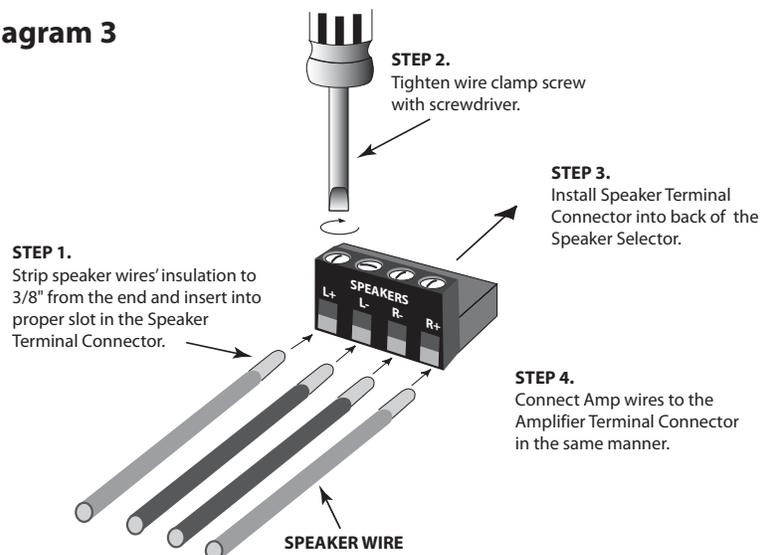
Diagram 2



For best results, use speaker wire that is at least 16 gauge. For runs longer than 75 feet, 14 gauge wire is recommended. For best results, strip all wire insulation no more than $\frac{3}{8}$ " from the end before inserting into the connector.

1. Remove the Terminal Connectors from their locations on the back of the cabinet. This will make it easier to connect the wires. *(See Diagram 3)*
2. Connect the wires from the speakers to the appropriate location under "SPEAKERS" on the removable terminals. Please observe proper polarity (+, -) of the connections. *(See Diagram 3)*
3. Insert the wired terminal connector into the appropriate speaker output on the back of the speaker selector.
4. Connect the amplifier or receiver speaker output to the appropriate location under "AMPLIFIER" on the removable terminal. Please observe proper polarity (+, -) of the connections. *(See Diagram 3)*
5. Insert the wired terminal connector into the amplifier input on the back of the speaker selector.

Diagram 3



CAUTION: If the "AMPLIFIER" and "SPEAKERS" connections are reversed, a short could result across the amplifier or receiver output terminals, which may seriously damage your amplifier or receiver. Please double-check all connections before turning on your amplifier or receiver.

Labeling the front of the Speaker Selector (See Diagram 4)

There is one set of adhesive labels included to be used on the front of the Speaker Selector. These labels make it easy to identify which area has been selected when the button is depressed. There are indentations above each button on the front of the Selector. Place the appropriate label into each of these locations. If you can't find the label you need, you can create your own by writing on one of the blank labels using a pen or small marker.



Diagram 4

OPERATION

Understanding the Protection Circuit

To prevent damage to your amplifier or receiver, the SS8P and SS4P feature protection circuitry. When engaged, the protection feature prevents damage from occurring to your amplifier or receiver.

When to Use the Front Mounted Protection Button

The front Protection button (See Diagram 5) should be engaged under the following circumstances to best protect your amplifier or receiver. Protection is "ON" when the button is depressed:

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

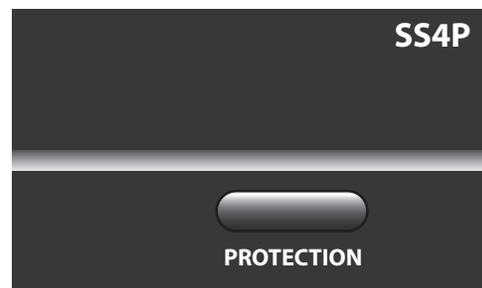


Diagram 5

When to Use the Rear Mounted Protection Switch

On the back of the selector there is a slide switch labeled "Continuous Protection" (See Diagram 6). When this switch 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.



Diagram 6

Selecting Speakers

To turn on a pair of speakers, simply depress 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.

SPECIFICATIONS

	SS4P	SS8P
# of Speakers Supported:	4 Pairs	8 Pairs
Power Handling:	125 Watts Per Channel	125 Watts Per Channel
Frequency Response:	20Hz - 20kHz \pm 0dB	20Hz - 20kHz \pm 0dB
Protection:	Front Button & Rear Override Switch	Front Button & Rear Override Switch
Dimensions (H x W x D):	2 $\frac{3}{16}$ " x 8 $\frac{3}{8}$ " x 6 $\frac{13}{32}$ " (H 55.562mm x W 212.725mm x D 162.718mm)	2 $\frac{3}{16}$ " x 17" x 6 $\frac{13}{32}$ " (H 55.562mm x W 431.800mm x D 162.718mm)

Features and specifications are subject to change without notice.

LIMITED TWO-YEAR WARRANTY

Proficient Audio Systems warrants to the original retail purchaser only that this Proficient Audio Systems product will be free from defects in materials and workmanship for a period of two years, provided the product was purchased from a Proficient Audio Systems Authorized Dealer. Defective products must be shipped, together with proof of purchase, prepaid insured to the Proficient Audio Systems Authorized Dealer from whom they were purchased, or to the Proficient Audio Systems 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 Proficient Audio Systems Authorized Dealer it is determined that the unit was defective in materials or workmanship at any time during this warranty period, Proficient Audio Systems or the Proficient Audio Systems 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, Proficient Audio Systems, 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, Proficient Audio Systems assumes no responsibility or liability for such modification. All replaced parts and product become the property of Proficient Audio

Systems 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 Proficient Audio Systems. 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 Proficient Audio Systems be liable for any incidental or consequential damages arising out of the use or inability to use the product, even if Proficient Audio Systems or a Proficient Audio Systems 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.

Should you have any questions regarding this, or any other Proficient Audio Systems product, please call our service hotline at 800.448.0976 or e-mail us at techsupport@proficientaudio.com. We are available to assist you every weekday, except holidays, between the hours of 7:00 a.m. and 5:00 p.m. PST.