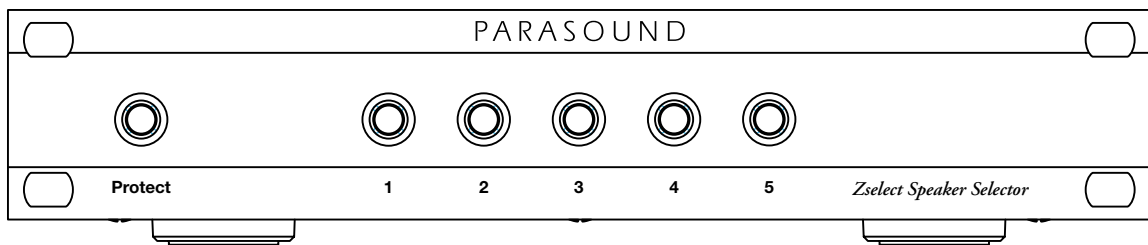


P A R A S O U N D

**Z***series*

*Zselect Speaker Selector*



*Owner's Guide*



## IMPORTANT SAFETY INSTRUCTIONS

The lightning flash with the arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of “dangerous voltage” inside the product that may constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the product.

### **TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL**

1. **Read Instructions** — Read all the safety and operating instructions before operating this product.
2. **Retain Instructions** — Retain safety and operating instructions for future reference.
3. **Heed Warnings** — Adhere to all warnings on the product and in the operating instructions.
4. **Follow Instructions** — Follow all operating and use instructions.
5. **Cleaning** — Unplug this product from the wall outlet before cleaning. Use a damp cloth for cleaning. Clean the outside of the product only.
6. **Attachments** — Do not use attachments that are not recommended by the product manufacturer; they may be hazardous.
7. **Water and Moisture** — Do not use this product near water.
8. **Accessories** — Do not place this product on an unstable cart or stand. The product may fall, causing bodily injury and damage to the product. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart to overturn.
9. **Ventilation** — Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided.
10. **Power Sources** — Operate this product only from the type of power source indicated on the label. If you are not sure of the type of power supply to your home, consult your dealer or local power company. This product is equipped with a three-prong grounding plug. This plug will only fit into a grounding power outlet. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding plug.
11. **Power Cord Protection** — Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them.
12. **Lightning** — Unplug the unit from the wall outlet for added protection during a lightning storm and when it is left unattended and unused for long periods of time. This will prevent damage to the product due to lightning and power line surges.
13. **Overloading** — Do not overload wall outlets or extension cords. This can result in a fire or electric shock.
14. **Inserting Objects into Unit** — Never push objects of any kind into this product through any openings; they may touch dangerous voltage points or short out parts that could result in fire or electric shock.
15. **Servicing** — Do not attempt to repair or service this product yourself. Opening or removing covers may expose you to dangerous voltage and other hazards. Refer all servicing to qualified service personnel.
16. **Damage Requiring Service** — Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions: **a)** If the power-supply cord or plug is damaged. **b)** If liquid has been spilled into the product. **c)** If the product has been exposed to rain or water. **d)** If the product does not operate normally by following the operating instructions. **e)** If the product has been dropped or damaged in any way. **f)** If the product exhibits a distinct change in performance.
17. **Replacement Parts** — When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer. Unauthorized substitutions may result in fire, electric shock, and other hazards.
19. **Safety Check** — Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
20. **Wall or Ceiling Mounting** — Mount the product to a wall or ceiling only as recommended.
21. **Heat** — The product should be situated away from heat sources such as radiators, heat registers, stoves, and other products (including amplifiers) that produce heat.

## Thank You for Choosing Parasound

Congratulations on your purchase of this precision component and thank you for your selection of Parasound. We designed the Parasound Zselect to switch five pairs of speakers when it is connected to the speaker terminals of any stereo amplifier or receiver.

## Unpacking the Zselect

Locate the small screwdriver which is included to connect wires to the Zselect terminals.

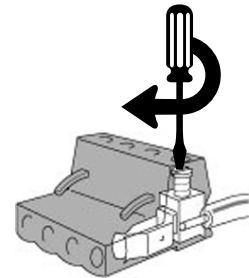
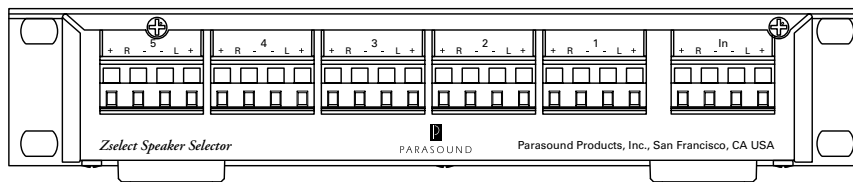
After you unpack your Zselect, save the carton and packing inserts for safe transport in case you move or in the event it has to be shipped for repair.

## Zselect Placement

Place your Zselect in a location which gives you convenient access to its buttons.

## Zselect Rack Mounting

The Zselect occupies half the width of a single rack space in a standard 19" equipment rack. For rack mounting you may purchase either a Parasound SBS mounting kit or a Zblank panel kit. The SBS enables you to mount the Zselect side by side with another Zseries component. The Zblank includes an SBS.



## Making Connections

Each pair of wires attaches to a separate connector block. If you remove the connector blocks first they'll be more accessible. To remove a connector block, grip it firmly and pull it straight out. Unscrew the four small screws above the four square openings, just enough so that you can insert one stripped bare wire into each opening. Strip about  $\frac{3}{8}$ " (8mm) of insulation from each wire. Twist the strands to prevent strays.

**Note:** Right and left channel + and - wires must attach to the connector block openings which align with the + R - and + L - printed on the Zselect rear panel.

Tighten each screw to hold its wire securely in place. After the four wires are attached to each connector block, reattach the connector in the rear panel of the Zselect.

## Match Amplifier and Speaker Polarity

When you connect the wires, you will notice that the insulation on one of the wires has either printing or a raised ridge so you know which wire connects to the positive terminal at its other end.

Make sure the + Input wires connect to the amplifier's + speaker terminals.

Make sure each + speaker wire connects to that speaker's + terminal.

## Input from the Amplifier or Receiver

The In connector at the right side is for the four wires from your amplifier or receiver's speaker terminals.

## Outputs to Speakers

The 1-5 connectors are for the four wires going to each pair of speakers.

**Note:** the connector corresponding to front panel button 1 is at the right.

## Zselect Operation

Select any speaker pair by simply pressing the numbered button.

## Protect Button

Press the Protect button to protect your amplifier from overload as you select additional pairs of speakers. With multiple pairs, the load the amplifier or receiver "sees" drops rapidly. For example, four pairs of 8 ohm speakers playing simultaneously is only a 2 ohm load. Receivers and even most separate power amplifiers do not have high enough current capability to tolerate load impedances below 4 ohms. Load impedances below 4 ohms may overload the amplifier, causing it to overheat itself and your surrounding components. This can result in serious damage.

**Note:** We recommend pressing the Protect button whenever you connect two or more pairs of loudspeakers.

## If You Require Assistance

Call your Parasound dealer first. If the dealer can't help you with your problem we encourage you to call Parasound's Technical Service Department, toll-free at **1-866-770-8324**, Monday - Friday, 7am - 5pm Pacific time. We can suggest other diagnostic tests you can easily perform. If we determine that your unit should be returned to Parasound or an Authorized Parasound Warranty Center for inspection and possible servicing, we will provide the location of a warranty center near you or shipping instructions for the unit's return to Parasound.

## Before You Return Any Unit to Parasound for Service

Before you send your unit to Parasound, you will need to obtain a specific Return Authorization (RA) number and shipping instructions from Parasound's Technical Department. The RA number must be clearly marked on the outer carton. Use the original factory packing materials and arrange adequate insurance to cover its value. You must include a copy of your purchase receipt, since this document establishes the validity of this unit's warranty. Warranty repairs are only performed by Parasound or Parasound Authorized warranty centers when your purchase receipt is from an Parasound Authorized Dealer or Parasound Authorized Reseller.

## Units Will Be Refused by Parasound Under the Following Conditions

1. Unit was sent without the Parasound-assigned RA number marked on the carton.
2. Unit was sent in an unsuitable shipping carton, likely to have been damaged in transit.
3. Unit has inadequate packing, unit likely to have been damaged in transit.
4. Unit was shipped collect for shipping charges. We do not accept collect shipments
5. Unit was shipped via the US Postal Service.
6. Unit was sent to an address other than the address instructed by our Technical Department.

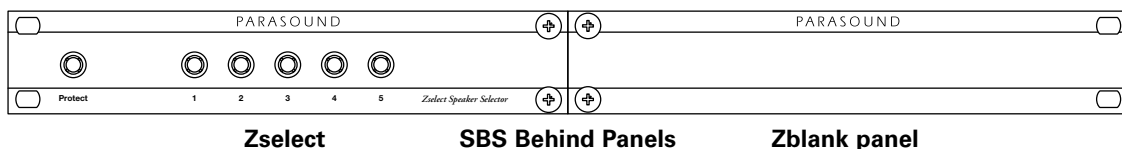
**Note:** The shipping address is not the same as Parasound's office address.

## Warranty Repair

Read your accompanying Parasound Limited Warranty carefully to understand the applicable rights and limitations. This section provides instructions for obtaining repairs, both for units covered under the Parasound Limited Warranty and for units or situations which are outside the Warranty.

Unit is not eligible for repair under the terms of the Parasound warranty if:

1. Unit was not purchased from a Parasound Authorized Dealer or Parasound Authorized Reseller.
2. Unit's serial number was removed, modified, or defaced.
3. Unit shows evidence of abuse and/or misuse.
4. Unit was modified in any way.
5. A prior repair was attempted by an unauthorized repair station.



## Zselect Specifications

### Maximum Input Power

250 watts per channel

### Dimensions

9½" Wide  
10" Deep with connectors  
2" High with feet, 1¼" panel only  
241 x 254 x 50mm, 44.1mm panel only

### Rack Mount Accessories - May be Purchased Separately

SBS: Bracket and bolts to attach two Z series units side-by-side in a standard 19" equipment rack.

Zblank: 9½" x 1¼" blank panel, required to mount a single Z series unit; Zblank kit includes one SBS.

### Net and Shipping Weight

¾ lbs., 1.48 kg; 5 lbs., 2.27 kg

Parasound Products, Inc. 950 Battery Street, San Francisco, CA 94111  
Customer Service 415-397-7100 / Technical Dept. 415-675-7272 / Fax 415-397-0144  
[www.parasound.com](http://www.parasound.com)