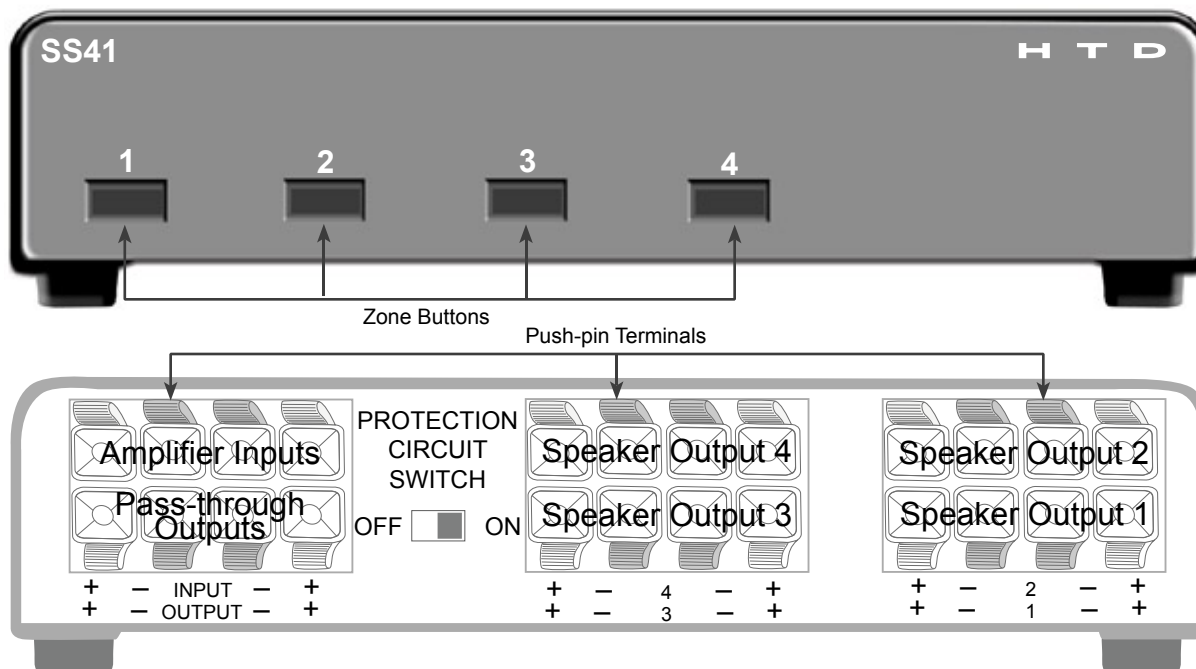


Thank you for giving Home Theater Direct the chance to win your business! We are confident you will find that HTD offers an outstanding combination of performance and value in everything we make. To ensure you get the most out of your new amplifier, please take a moment to read this manual before you get started. Should you lose this manual, you can always download or print a copy from [www.htd.com](http://www.htd.com).

## Features



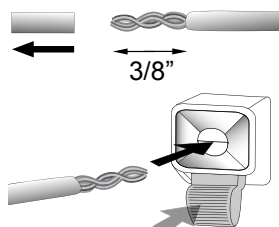
The HTD SS41 (shown above) and SS81 are low-profile speaker selector boxes that allow you to distribute a stereo high-level (amplified) signal into multiple zones. Both models include a manually activated impedance protection circuit that can be turned ON to prevent the impedance presented to your receiver from dropping below an unsafe level of 5 ohms, regardless of the number and impedance ratings of your speakers. The protection switch can also be turned off when used as part of a planned system of impedance matching volume controls, allowing you to get the most out of your amplifier. Please see the HTD web site for instructions for planning an impedance matching system. **If you are unsure, consult a professional contractor.**

### Connecting your HTD Speaker Selector

The terminals on the rear of the speaker selector will accommodate 14 gauge cable which will suffice for even long connections (greater than 100 feet of wire). For shorter distances, 16- or 18-gauge wire will suffice. For behind-the-wall installations, we recommend using UL Class 3 approved cable (marked "CL3") for compliance with local building codes. When connecting a speaker and amplifier, it is important to retain the correct polarity. To do this, be sure that the wire attached to the +, red, or positive terminal on the speaker connects to the +, red, or positive terminal on the rear of the selector box. Similarly, the -, black, or negative terminal on the speaker must connect to the respective -, black, or negative terminal on the selector box. Polarity should also be maintained when connecting your amplifier's outputs to the amplifier inputs on the selector box.

### Connecting Speaker Cables

1. Route the speaker cables from the amplifier and from each speaker zone to the speaker selector.
2. Strip 3/8" insulation from the end of the cable and twist the exposed end to avoid fraying.
3. Press on a "push-pin" terminal to reveal an eye into which the twisted cable is inserted; release the terminal to lock the cable in place.

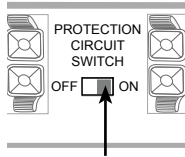


### SS41 and SS81 Specifications

	SS41	SS81
Listening Zones	4	8
Protection Circuit High Power Resistors	2 x 10 ohm/15 watt per channel	3 x 10 ohm/15 watt per channel
Power Handling with Protection Circuit ON	70 watts/channel	100 watts/channel
Power Handling with Protection Circuit OFF	140 watts/channel	200 watts/channel
Dimensions: H x W x D (inches)	1.75 x 8.5 x 4.5	1.75 x 17 x 4.5

Never place a speaker selector where it is exposed to excessive moisture or heat. Leave at least 1" of space above the unit for heat dissipation.

## Setting the Protection Circuit



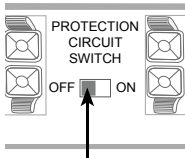
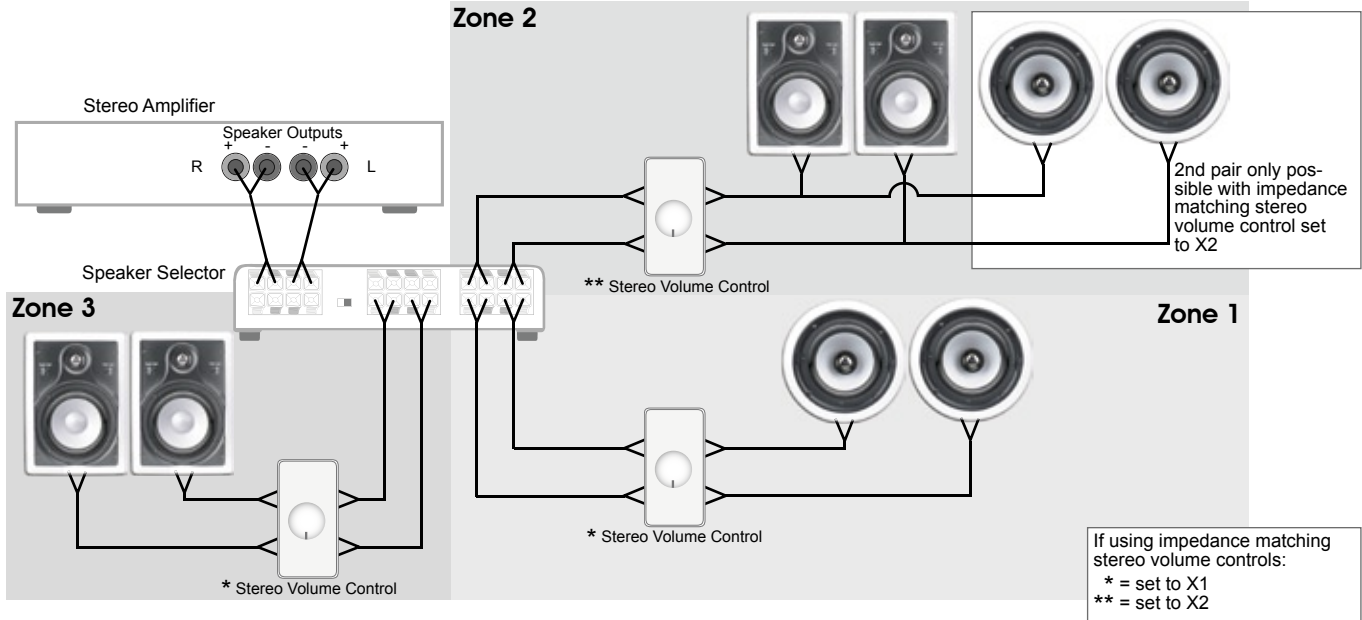
### Set to "ON" if:

You plan to turn zones on and off using the zone buttons

**AND/OR**

You are NOT using impedance matching volume controls

*Note: do NOT daisy-chain multiple speaker selectors (using the connectors "OUTPUT") when setting the protection switch to "ON"*



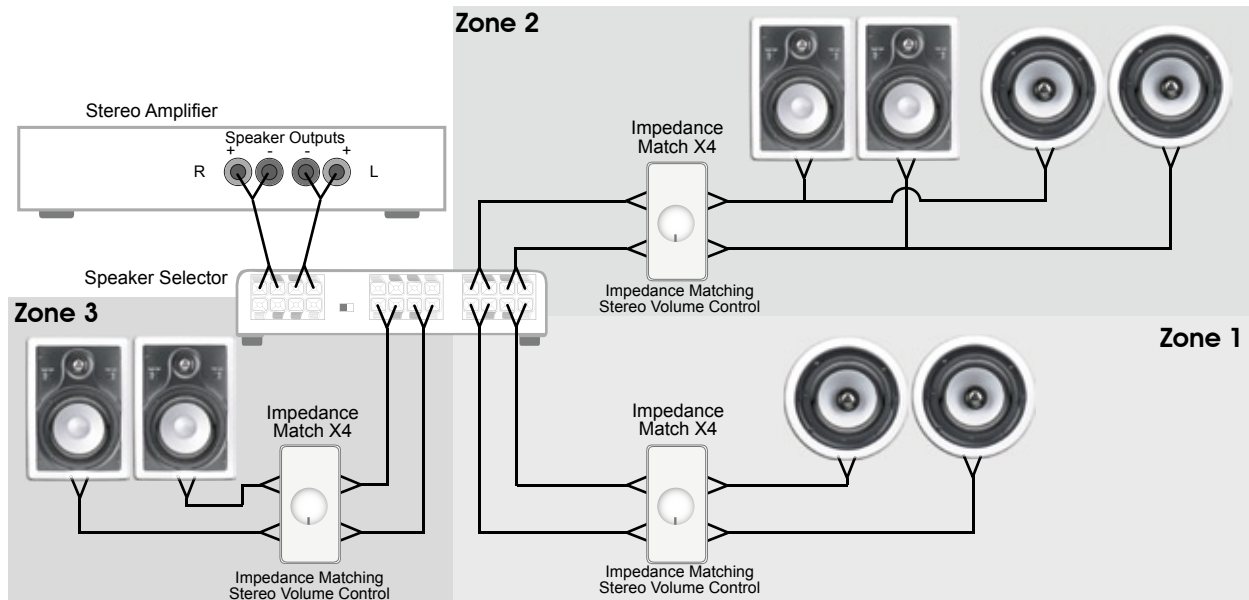
### Set to "OFF" if:

You will NOT turn zones on and off using the zone buttons

**AND**

You are utilizing impedance matching volume controls to adjust the overall system impedance

*Note: it is ok to daisy-chain a second speaker selector using the connectors labeled "OUTPUT" when the protection switch is "OFF" and you are utilizing a planned system of impedance matching. Connecting the "OUTPUT" of one speaker selector to the "INPUT" of a second speaker selector creates a "parallel" connection.*



## Warranty

All HTD electronics carry a two-year parts and labor warranty. Warranty registration occurred automatically at the time your order was placed. There is no need to complete or mail in additional paperwork.

If you have any questions, we can be reached at...  
[info@htd.com](mailto:info@htd.com) or toll free 1-866-HTD-AUDIO (483-2834)