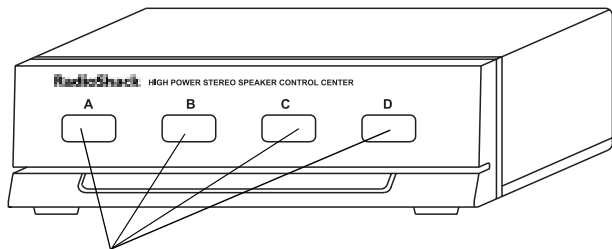




Cat. No. 40-244

## High Power Stereo Speaker Control Center



Terminal Buttons

Your RadioShack High Power Stereo Speaker Control Center lets you connect up to four separate pairs of speakers to your stereo receiver/amplifier. The control center is especially convenient if you have speaker sets in different rooms and want to turn them on and off independently.

The control center lets you use one to four sets of speakers at a time, and is designed to operate with a stereo receiver/amplifier that has a maximum of 100 watts per channel, and with speaker systems that have a minimum impedance of 8 ohms (see "Impedance Chart" on Page 2).

### MAKING THE CONNECTIONS

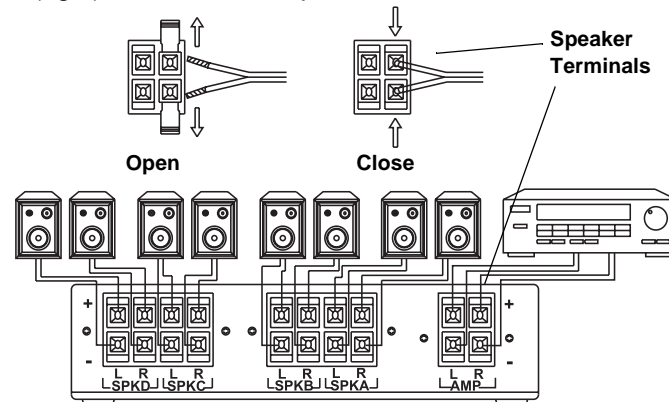
The control center divides the power from your receiver/amplifier differently to its speaker terminals. (This is especially noticeable when you connect only one pair of speakers. If you connect more than one pair of speakers, see "Impedance Chart" on Page 2 to select the best terminals to connect.) For the best performance, make the connections based on how frequently you use each set of speakers.

- Connect the most frequently used speakers to the terminals marked **SPK A**.
- Connect the speakers you use least often to the terminals marked **SPK D**.
- Connect any other speakers to the terminals marked **SPK B** and **C**.

**Cautions:** To avoid damaging your speakers or receiver/amplifier:

- Be sure your receiver/amplifier's power is turned off before you make the connections.
- Never let the speaker wire's bare ends touch each other or the adjacent terminals on the control center.
- Do not connect more than one pair of speakers to each set of terminals.

Press open the desired **SPK** terminals on the control center. Insert the speakers' positive (+) wires in the positive (red) terminals, and negative (-) wires into the negative (black) terminals, according to the respective **L** (left) and **R** (right) terminals. Then press the tabs to close them.



Press open the **AMP** terminals on the control center, then insert your receiver/amplifier's positive (+) wires into the positive (red) terminals, and negative (-) wires in the negative terminals. Then press the tabs to close them.

#### Notes:

- If your receiver/amplifier has more than one set of speaker terminals (**A** and **B**), connect only one or the other to the control center.
- For the best results, we recommend 18-gauge, two conductor speaker wire (not supplied) for most connections. If you plan to locate the speakers further than 80 feet from the control center, use a heavier gauge of wire.

Your local RadioShack store carries a wide selection of speaker wire and accessories.

### OPERATION

**Caution:** To avoid damaging your receiver/amplifier, set its volume to the lowest setting before changing the control center's settings.

To turn on a pair of speakers connected to the control center, simply press in the desired button (**A**, **B**, **C**, or **D**). For example, to turn on the set of speakers connected to **SPK A**, press **A**.

To turn off a pair of speakers, press the button again so it is in the "out" position.

**Note:** If no speakers are connected to a set of terminals (A, B, C, or D), do not press in the corresponding control button.

### IMPEDANCE CHART

Impedance is a measurement of the load placed on your receiver/amplifier by the speakers. The load placed on your receiver/amplifier from the control center will vary depending on how many pairs of speakers you turn on at one time, and on which speakers you turn on. The chart below shows the impedance for all possible combinations of 8-ohm speakers.

Speaker Sets On	Impedance ( $\Omega$ )
A, B, C or D	8
A + B	16
A + C	4
A + D	4
B + C	4
B + D	4
C + D	16
A + B + C	5.3
A + B + D	5.3
A + C + D	5.3
B + C + D	5.3
A + B + C + D	8

#### Limited Ninety-Day Warranty

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Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

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### SPECIFICATIONS

Audio Power Handling ..... 50 W (R.M.S.)/ch,  
100 W (Max)/ch

Frequency Response ..... 20 Hz to 20 kHz

Channel Separation..... 80 dB

Crosstalk between channels..... 50 dB

Speaker terminal wire size requirements ..... 14–22 awg

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