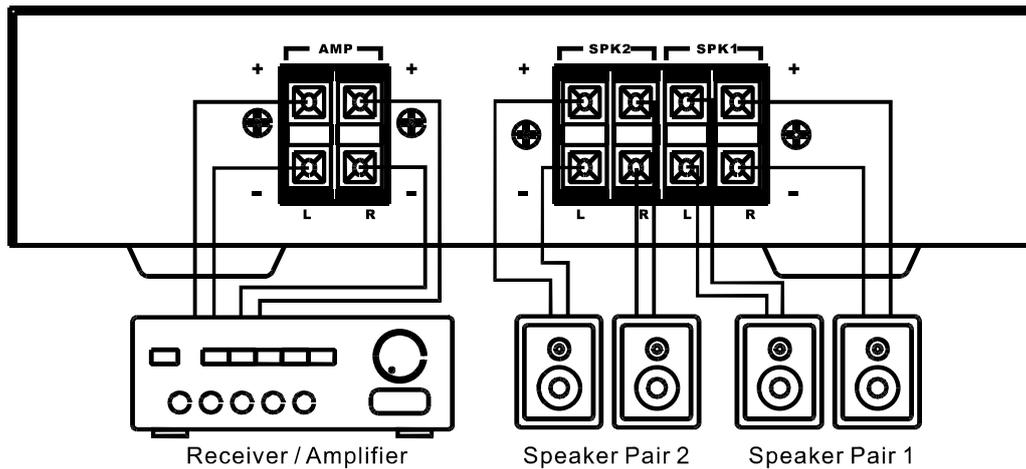


Speaker Selection / Volume Control System



Your Speaker Selection/Volume Control System delivers independent volume control and on/off capability for up to two pairs of speakers. You choose where and how loud the music is in a particular location — without affecting the entire system.

The Speaker Selection/Volume Control System is equipped with premium 10-step volume controls that maintain full 30 dB dynamic range giving you the maximum adjustment capability.

Caution: This Speaker Selection/Volume Control System is limited to a maximum of 50 watts RMS per channel.

MAKING THE CONNECTIONS

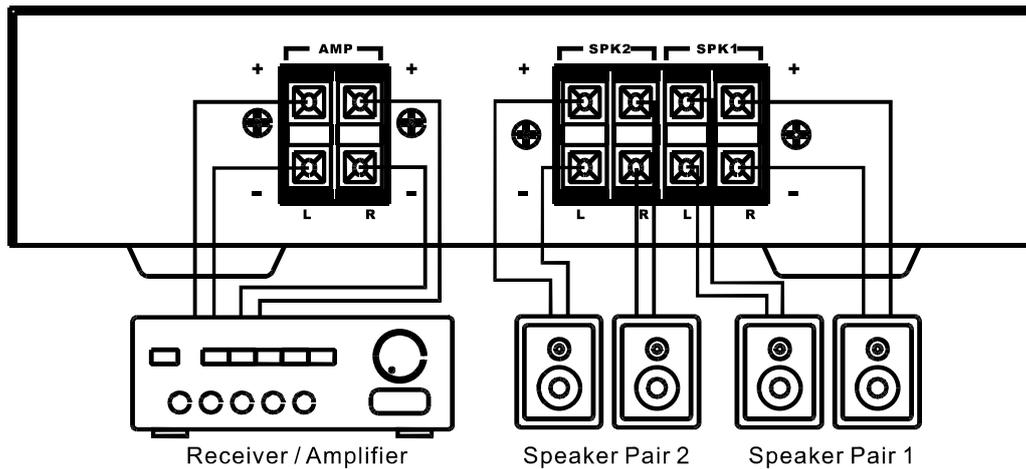
Cautions:

- 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 Speaker Selection/Volume Control System
 - Do not connect more than one pair of speakers to each set of terminals.
1. Flip open the desired **SPK 1-2** terminals' tabs on the back of the Speaker Selection/Volume Control System, then insert the speakers' positive (+) wires into the corresponding **SPK 1-2** positive (red) terminals, and negative (-) wires into the negative (black) terminals. Then flip the terminal tabs down to secure the wires.
 2. Flip open the **AMP** terminals' tabs on the back of the Speaker Selection/Volume Control System, then insert your receiver/amplifier's output positive (+) wires into the **AMP +** positive (red) terminals, and output negative wires into the **AMP -** negative (black) terminals. Then flip the tabs down to secure the wires.

Notes:

- If your receiver/amplifier has more than one set of speaker terminals (A and B), connect the A output to the Speaker Selection/Volume Control System. Do not connect anything to the B output. This prevents the receiver/amplifier from driving an unusually low impedance load.
- For the best results, we recommend 18-gauge, two-conductor speaker wire (not supplied) for most connections. Or, if you plan to position the speakers farther than 80 feet from the Speaker Selection/Volume Control System, use a heavier gauge of wire.

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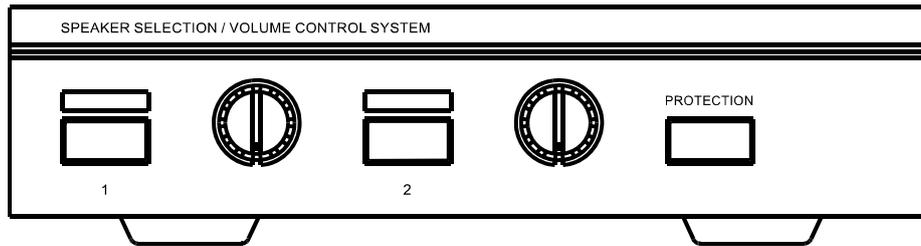
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OPERATION

Using the Protection Circuits

Your Speaker Selection/Volume Control System has an impedance correction circuit. This circuitry assures that your receiver/amplifier monitors a safe operating load when playing 2 speaker pairs simultaneously. Since most receiver/amplifier are not rated for use below a 4 ohm load. You will need to press the **PROTECTION** button whenever the overall system impedance falls below 4 ohms.

Playing One Pair of Speakers at a Time

1. Press in the switch 1 or 2 for the desired speakers.
2. Set the **PROTECTION** button to the out position.
3. Set the receiver/amplifier's volume control to minimum by turning it fully counterclockwise. Then turn on the receiver / amplifier and set its volume control slightly above the normal listening level.
4. To increase or decrease the remote speaker's volume, turn the Speaker Selection/Volume Control System volume control clockwise or counterclockwise.

Playing Two Pairs of Speakers at a Time

1. Press in the switches both 1 and 2.
2. If your two pairs of speakers are 8 ohm speakers then set the **PROTECTION** button to the out position.
3. If your two pairs of speakers are 4 ohm speakers then press the **PROTECTION** button.
4. Set the receiver/amplifier's volume control to minimum by turning it fully counterclockwise. Then turn on the receiver/ amplifier and set its volume control slightly above the normal listening level.
5. To increase or decrease the remote speaker's volume, turn the Speaker Selection/Volume Control System volume control clockwise or counterclockwise.

SPECIFICATIONS

Power Handling.....50 Watts (RMS) per Channel

Attenuation.....10-Position Control

1st Position (Fully Counterclockwise): Full-Off

2nd and 3rd Position: Attenuate 6 dB Per Step

4th to 9th Position: Attenuate 3 dB Per Step

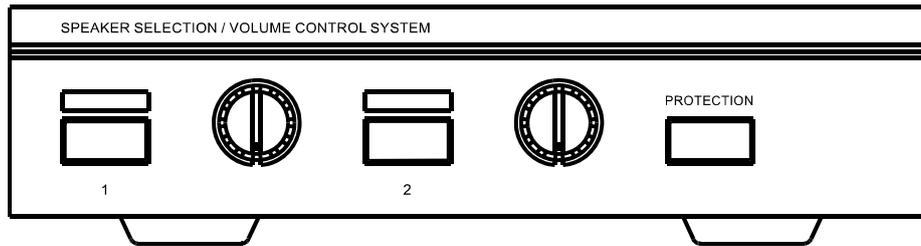
10th Position: Full On

Channel Separation at 1 KHz.....38 dB Normal

Crosstalk Between Channels at 1 KHz.....50 dB Normal

Speaker Terminal Wire Size.....14-22 AWG

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.



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