PYLE

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PSPVC6

6 Channel High Power Stereo Speaker Selector

with Volume Control

USER MANUAL

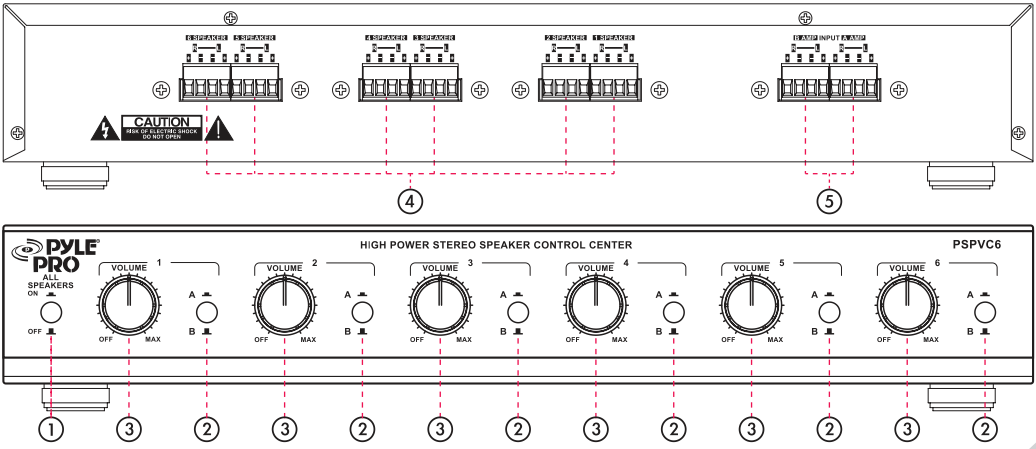
Read all documentations carefully before operating the equipment. Retain this manual for future reference.

Congratulations for purchasing the **PSPVC6 6 Channel High Power Stereo Speaker Selector**. It lets you connect up to six 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. You can enjoy the convenience and flexibility of listening to multiple speaker pairs simultaneously.

The control center lets you use one to six 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 4)

PREPARATIONS

- Use the PYLE PRO Speaker Selectors only with amplifiers rated at 100 watts per channel or less.
- Your PYLE PRO Speaker Selector is designed to accept any size cable up to 14 gauge non-terminated speaker wire. If you're using non-terminated speaker wire, do not use any speaker wire that is larger than 14 gauge. The lower the gauge number, the larger the cable (e.g., 12 gauge is larger in actual physical size than 14 gauge).
- Do not hook the outputs of one selector into the inputs of another speaker selector together.
- Before you connect the AC power source, make sure you set ALL speakers ON/OFF to OFF
- Left and right "commons" are isolated to work with all types of amplifiers
- Auto transformer impedance protection.



OPERATION

1. **Speakers ON/OFF Button:** Press button to turn **ON** all speaker pairs. Press button again turn **OFF**.
2. **Amplifier A/B Selector Button:** Press button to select amplifier A and B.
3. **Volume Controls:** Turn the control knob clockwise to increase the volume and counter-clockwise to decrease or off.
4. **Speaker 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 4 to selector the best terminals to connect.) For the best performance, make the connections based on how frequently you use each set of speakers.

⚠ 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 sepakers to each set of terminals.

5. **Amplifier Connections:** Connect the speaker output of your receiver or amplifier (100 watts max). If you are using a second amplifier, connect it to the B amp terminal.

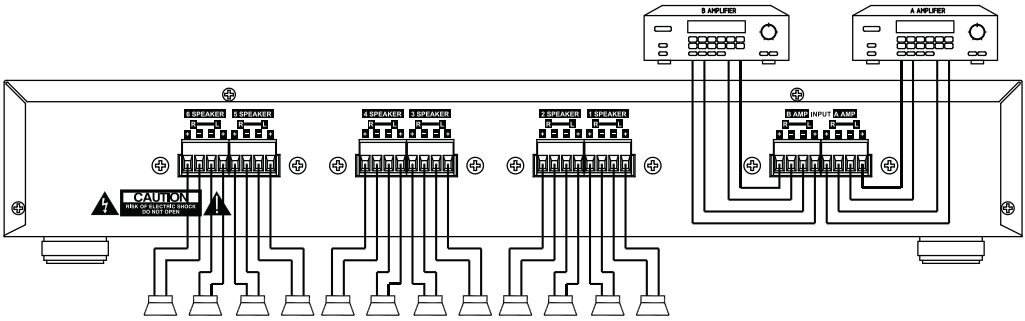
Maximum Amplifier input

- 100W RMS
- 150W AVG

Maximum Output per Speaker

- 18W RMS
- 50W AVG
- 100W PEAK
- 4 or 16 OHMS LOAD

Insert the speaker's positive (+) wires in the positive terminals, and negative (-) wires into the negative terminals, according to the respective L (left) and R (right) terminals.



Insert your receiver/amplifier's positive (+) wires into the positive terminals, and negative (-) wires in the negative terminals.

Notes:

- If your receiver/amplifier has more than one set of speaker terminal (A and B), connect only one or the other to the control center.
- For the best results, we recommend 14-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.

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 (Ω)
A, B, C, D, E or F	8
A+B, A+C, A+D, A+E, A+F, B+C, B+D, B+E, B+F, C+D, C+E, C+F, E+F	4
A+B+C, A+B+D, A+B+E A+B+F, A+C+D, A+C+E A+C+F, A+D+E, A+D+F A+E+F, B+C+D, B+C+E B+C+F, B+D+E, B+D+F C+D+E,C+D+F, D+E+F	3.1
A+B+C+D, A+B+C+E A+B+C+F, A+C+D+E A+C+D+F, A+D+E+F B+C+D+E, B+C+D+F C+D+E+F	2.4
A+B+C+D+E+F	1.7

Features:

- Multi-Channel High Powered Amplifier
- Up to 6 Separate Speaker Pairs to your Stereo System
- Accepts Speaker Wires Up to 14- Gauge
- Protection Circuitry Keeps it Running Smoothly
- Individual Speaker Volume Control
- Support Two Stereo Amplifiers
- Rugged & Durable Housing Construction, Cabinet Heatsink
- Control Powered 6 Channel Amplifier
- Plug and Play Easy Install

What's in the Box:

- High Power Stereo Speaker Selector

Technical Specs:

- Power Output: 6 x 100 Watts
- Amplifier Design: 6-Channel
- Minimum Impedance: 8 Ohms
- Frequency Response: 20Hz - 20KHz
- Signal to Noise Ratio: >81dB
- Channel Separation: 80 dB
- Crosstalk between Channels: 50 dB
- Speaker Terminal Wire Size: 14-22 gauge
- Max. Amplifier Input: 100W RMS, 150W AVG
- Max. Output per Speaker: 18W RMS, 50W AVG
- Product Dimension (L x W x H): 6.29" x 16.92" x 3.03" -inches

WARNING: This products can expose you to a chemical or group of checmicals, which may include **"Nickel Carbonate"** which is known in the state of California to cause cancer, birth defects, or other reproductive harm. For more info, go to **https://www.p65warnings.ca.gov/**.

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