



## ADVANTAGE SPEAKER SELECTORS

**Model ADV4006 100 watt RMS stereo 6-zone Speaker Selector & Impedance Matching System**

**Model ADV4004 100 watt RMS stereo 4-zone Speaker Selector & Impedance Matching System**  
*(amplifier power should not exceed 100 watt RMS per channel)*

The ADV4004 & ADV4006 are low-profile speaker distribution systems with individual on/off selectors for each listening zone. The ADV4004 distributes a stereo speaker-level signal to 4 stereo listening zones. The ADV4006 distributes a stereo speaker-level signal to 6 stereo listening zones. Both speaker selectors feature a manually-activated power protection circuit switch, located on the rear panel, that maintains a stable 5-ohm impedance load to ensure amplifier stability. Pass through speaker output terminals allow easy connection possibilities.

### Installation and Connection

Connect the speaker cable to the appropriate "+\-" terminals. A minimum of 16-gauge speaker cable is recommended. These terminals will accept up to 12-gauge speaker cable. Separate left and right ground paths ensure compatibility with all amplifiers, even when bridged.

Route speaker cables from each speaker zone and the amplifier to the speaker selector.

Strip 3/8" insulation from the end of the cable and twist exposed end.

Press the spring-loaded lever on the appropriate speaker terminal and insert the stripped end of the cable into the speaker terminal. Be sure to observe proper "+\-" polarity when connecting the cables.

Release the spring-loaded lever to clamp the cable in place. Gently pull on the cable to verify that it is secure.

The system is now ready for testing. Turn on the sound system and set the amplifier's volume control to a moderate level. Sound should be heard from each zone when its button is depressed.

### Installation Precautions

**A SPEAKER SELECTOR WITH 6 PAIRS OF 8-OHM SPEAKERS WILL PRESENT THE AMPLIFIER WITH A 1.33-OHM LOAD PER CHANNEL WITH THE POWER PROTECTION CIRCUIT SWITCH IN THE "OFF" POSITION. THIS MAY DAMAGE YOUR AMPLIFIER OR CAUSE IT TO SHUT DOWN PREMATURELY. DO NOT DISABLE THE POWER PROTECTION CIRCUIT, UNLESS YOUR AMPLIFIER CAN HANDLE THE COMBINED IMPEDANCE OF ALL ZONES ACTIVATED.**

*Never place the speaker selector where it will be exposed to excessive moisture or heat.  
Allow 1" clearance above the unit.*