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## AB-8 EIGHT-CHANNEL A-B SPEAKER SELECTOR HOOKUP & OPERATING INSTRUCTIONS

### INTRODUCTION

With the unique AB-8, you can extend your enjoyment of Dolby Pro-Logic<sup>®</sup> video sound or digitally processed multi-channel audio to a second room--without having to purchase a second array of processors and amplifiers for that location. At the push of a button, the AB-8 can switch as many as eight audio channels simultaneously from the main media room to another room equipped with a multi-speaker array.

For home theater applications, the AB-8 offers an affordable way to transport the theater environment to a second location--perhaps from the den to the master bedroom. All that is required in the second location is an equivalent surround-sound speaker array, a second TV monitor, and a feed from the main system's video sources.

Set-up is easy. Just connect the component-size AB-8 to as many as eight speaker-level outputs of a surround-sound system. Then route the AB-8's corresponding "A" outputs to the main room's speakers and the "B" outputs to the second location. A-B switching can be accomplished from the AB-8's front panel. Or...

...With the optional RP-8 hard-wired, Decora<sup>®</sup>-style remote keypad, you can make the switch from within the "B" location. The RP-8 features a single pushbutton and an LED indicator that lights when its room is selected.

A "Control In" connector on the rear of the AB-8 also allows voltage-activated A-B switching. Applying 5-30 volts (AC or DC) to this connector will switch the AB-8 to "B", regardless of its front-panel or remote-keypad setting. By tying the AB-8's "Control In" to the "Control Out" of a Niles APC-2, for example, you can activate the AB-8 simply by turning on the TV plugged into the APC-2.

An additional feature of the AB-8 is that it can be used in reverse: a single surround-sound speaker array can be used to demonstrate two different surround systems. To accomplish this, the "A" and "B" terminals of the AB-8 are connected to the outputs of the respective surround systems and the "Common" terminals are connected to the speakers.

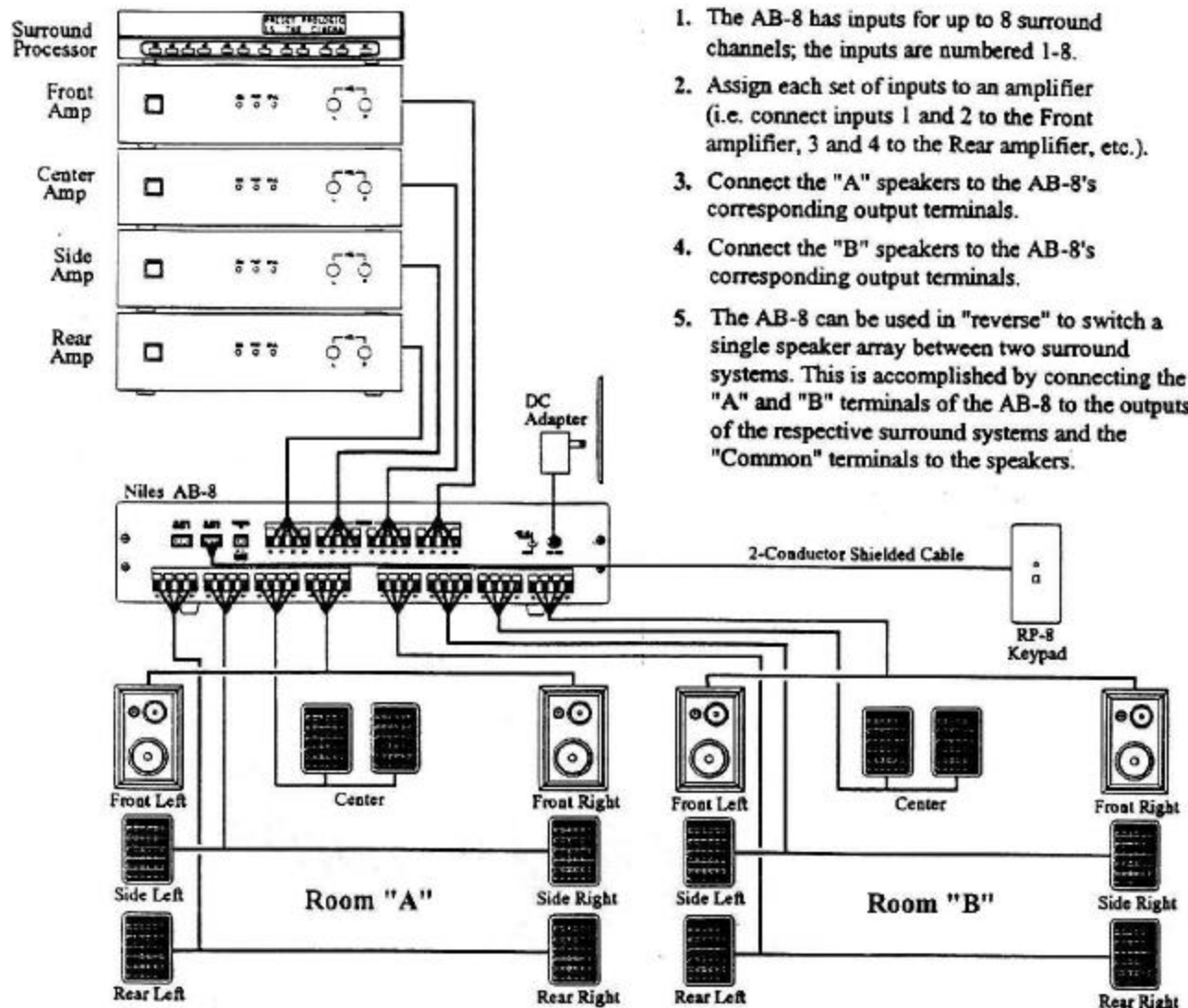
#### Features Include:

- Switches as many as eight audio channels between two locations
- Saves the cost of purchasing a second surround-sound processor and amplifiers
- Removable rear-panel connectors simplify installation, handle up to 14-gauge speaker wire
- Optional single-gang, Decora-style remote keypad allows switching from within second location
- "Control In" connector for voltage-activated A-B switching & easy interfacing with other Niles products
- Works in reverse for switching a speaker array between two surround systems
- Powered by a wall-mount 12 volt DC power supply (included)

### INSTALLATION CONSIDERATIONS

Locate the AB-8 near the amplifiers being switched. An unswitched AC outlet is required for the DC adapter that powers the unit.

## CONNECTIONS



1. The AB-8 has inputs for up to 8 surround channels; the inputs are numbered 1-8.
2. Assign each set of inputs to an amplifier (i.e. connect inputs 1 and 2 to the Front amplifier, 3 and 4 to the Rear amplifier, etc.).
3. Connect the "A" speakers to the AB-8's corresponding output terminals.
4. Connect the "B" speakers to the AB-8's corresponding output terminals.
5. The AB-8 can be used in "reverse" to switch a single speaker array between two surround systems. This is accomplished by connecting the "A" and "B" terminals of the AB-8 to the outputs of the respective surround systems and the "Common" terminals to the speakers.

## OPERATION

Operation is straightforward. To select which room you want to play, press either "A" or "B" on the front of the AB-8.

To make the switch from within the "B" location, press the button on the RP-8 keypad. The LED indicator on the RP-8 lights when "B" is selected. Press the "A" button again to switch back to "A".

**Note: Only one room may be played at a time.**

## AB-8 SPECIFICATIONS

Audio Power Handling	250 Watts/channel continuous (RMS)
Wiring Requirements	Individual runs of 2-conductor speaker wire; 2-conductor shielded cable for RP-6 keypad
Power Requirements	Powered by DC wall adapter (included) 12 volts DC at 500 milliamps (.5 Amp)
Overall Dimensions	17" Wide x 3 7/8" High x 12" Deep
Weight	7 lbs.