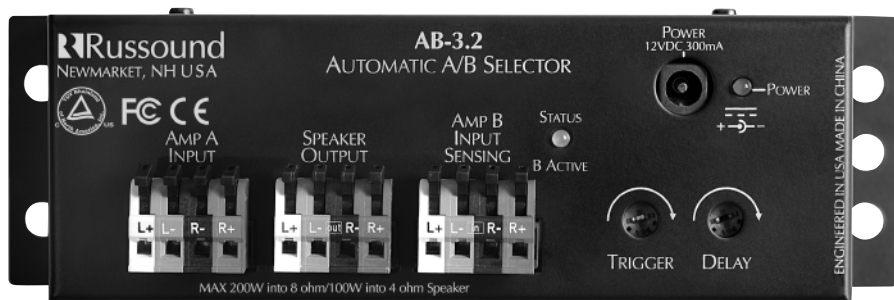


Russound®

AB-3.2

Automatic Speaker Selector

Instruction Manual



Product Overview

The Russound AB-3.2 Automatic Speaker Selector is designed to provide automatic switching of two amplified audio sources to a single pair of speakers. The AB-3.2 will automatically switch from the main audio system (AMP A) to a local audio source (AMP B) when the local source is active. For example, connect the speaker output of your in-house audio system to the AMP A input, your TV room speakers to the speaker connectors, and the TV output to the AMP B input. If you are listening to the stereo (AMP A) and turn on the television (AMP B), the AMP B audio will override the AMP A audio and the TV sound will be heard over the local speakers.

The AB-3.2 includes a sensitivity trigger adjustment to adjust the volume level where switching occurs. It also includes a delay adjustment to prevent source switching during the absence of a signal. The AB-3.2 is powered by a 12VDC detachable power supply (included). Country-specific 12VDC detachable power supplies can be substituted for use outside the U.S.

Installation

To minimize the possibility of picking up extraneous noise, it is recommended that the AB-3.2 be located near the AMP B source.

Connect the whole-house or distributed audio system amplifier outputs to the AMP A Input connectors. Connect the local source amplifier output (i.e., TV speaker output or local receiver/music system) to the AMP B Input connectors. Connect the local speakers to the Speaker Output connectors. Please observe signal polarity (+/-) and left/right channel orientation on all connections. Connect the 12VDC power supply to the power input jack and plug the supply into a non-switched AC outlet. The Power LED should light to indicate that the AB-3.2 is getting voltage from the power supply and is ready for use.

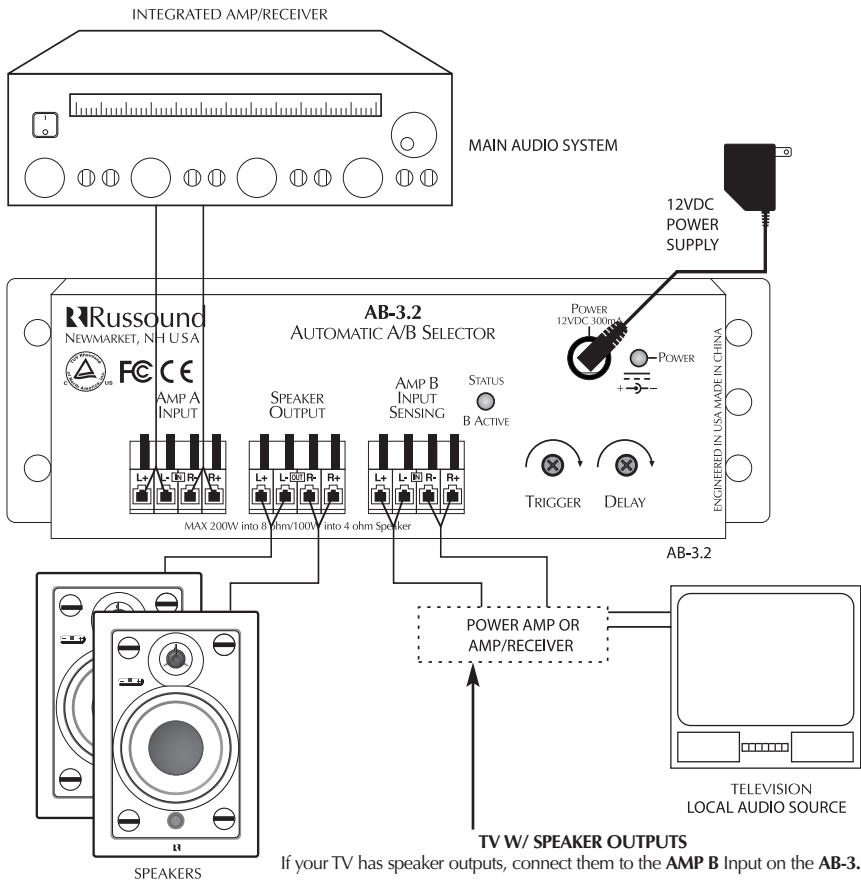
Sensitivity Setup

Set the trigger control approximately halfway (12 o'clock) and set the delay to minimum (fully counterclockwise). Turn on the local source and set the volume to a normal listening level. The AB-3.2 should switch to the AMP-B Input and you will hear the local source audio through the speakers. The green LED on the AB-3.2 should also be on to provide a visual confirmation that the AB-3.2 has switched to the AMP-B Input. The AB-3.2 may also begin to switch back to the AMP A Input during pauses and silent periods in the programming from AMP B (this is normal and is adjusted in the Delay Setup section). Gradually reduce the volume from the AMP B source until you reach the minimum listening level you want for this source. If the AB-3.2 switches back to AMP A while you are doing this (i.e., LED turns off and speakers are silent), adjust the sensitivity trigger control until the AMP B source is selected once again. It's best to perform this adjustment with a program which has some continuous signal source (i.e., shopping channel on TV), as pauses in the signal will cause the AB-3.2 to switch back to the AMP A Input. If this on/off switching is too distracting, you can increase the delay control setting to compensate.

Delay Setup

The mid-range setting of the delay control provides a delay of approximately 10 to 15 seconds. This should be a good setting for most installations. If you use the AB-3.2 primarily at lower volume levels you will need to add more delay to prevent the AB-3.2 from incorrectly switching back to the AMP A Input during quiet periods in the programming from AMP B. Adjust the Delay control clockwise to increase the delay time and counterclockwise to reduce the delay time.

Note: If AB-3.2 relays continually click, adjust the trigger control to less than 1/4-turn or until relays stop clicking.



TV W/ SPEAKER OUTPUTS
If your TV has speaker outputs, connect them to the **AMP B** Input on the **AB-3.2**.

TV W/ VARIABLE OUTPUTS
If your TV does not have external speaker outputs, connect your TV's variable out to an amplifier then to **AMP B** on the **AB-3.2**.

TV W/O VARIABLE OUTPUTS
If your TV only has RCA outputs, connect your TV to a receiver/amp. Connect the receiver/amp outputs to the **AMP B** Input on the **AB-3.2**.

Technical Specifications

- Dimensions: 6.5"W x 2.0"H x 1.55"D (165 x 51 x 39mm)
- Weight: 1.4lb. (630g)
- Minimum trigger level: 15 mV
- Delay: 0 to 30 Seconds
- Power Handling: Max 200 Watts into 8-ohm speakers
Max 100 Watts into 4-ohm speakers
- Power: 12 VDC 200 mA (power supply included)

Limited Warranty

The Russound AB-3.2 Automatic Speaker Selector is fully guaranteed for two (2) years from the date of purchase against all defects in materials and workmanship. During this period Russound will replace any defective parts and correct any defect in workmanship without charge for either parts or labor. For this warranty to apply, the unit must be installed and used according to its written instructions. If service is necessary, it must be performed by Russound. The unit must be returned to Russound at the owner's expense and with prior written permission. Accidental damage and shipping damage are not considered defects under the terms of the warranty. Russound assumes no responsibility for defects resulting from abuse or servicing performed by an agency or person not specifically authorized in writing by Russound.

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Limited Warranty (continued)

Damage to or destruction of components due to improper use voids the warranty. In these cases the repair will be made at the owner's expense. To return for repairs, the unit must be shipped to Russound at the owner's expense, along with a note explaining the nature of the service required. Be sure to pack in a corrugated container with at least 3 inches of resilient material to protect the unit from damage in transit. Russound sells products only through authorized Dealers and Distributors to ensure that customers obtain proper support and service. Any Russound product purchased from an unauthorized dealer or other source, including retailers, mail order sellers and online sellers will not be honored or serviced under existing Russound warranty policy. Any sale of products by an unauthorized source or other manner not authorized by Russound shall void the warranty on the applicable product.

Safety Instructions:

1. Read Instructions - All the safety and operating instructions should be read before the appliance is operated.
2. Retain Instructions - The safety and operating instructions should be retained for future reference.
3. Heed Warnings - All warnings on the appliance in the operating instructions should be adhered to.
4. Follow Instructions - All operating and user instructions should be followed.
5. Water and Moisture - The appliance should not be used near water; for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
6. Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
7. Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings, or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
8. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
9. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
10. Grounding or Polarization - Precaution should be taken so that the grounding or polarization means of an appliance is not defeated.
11. Power Cord Protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, receptacles, and the point where they exit from the appliance.
12. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through the openings.
13. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:
 - A. The power supply cord or the plug has been damaged; or
 - B. Objects have fallen, liquid has been spilled into the appliance; or
 - C. The appliance has been exposed to rain; or
 - D. The appliance does not appear to operate normally; or
 - E. The appliance has been dropped or the enclosure is damaged.
14. Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

Precautions:

1. Do Not Touch The AB-3.2 With Wet Hands – Do not handle the AB-3.2 or power cord when your hands are wet or damp. If water or any other liquid enters the AB-3.2 cabinet, take it to a qualified service person for inspection.
2. Care – From time to time you should wipe off the front and side panels of the cabinet with a soft cloth. Do not use rough material, thinners, alcohol or other chemical solvents or cloths since this may damage the finish or remove the panel lettering.

 **Russound**[®]

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