

**Russound ADP-1.2**

# Russound ADP-1.2 Speaker-level to Line-level Adapter

Model: ADP-1.2 | Brand: Russound

## 1. PRODUCT OVERVIEW

The Russound ADP-1.2 is a speaker-level to line-level adapter designed to convert high-level speaker outputs from an amplifier into low-level line outputs. This allows for connection to devices that require a line-level input, such as external amplifiers or subwoofers, especially in systems where the primary amplifier lacks dedicated pre-amp outputs.

It is specifically recommended for use with Russound CAA66 and MCA-66 systems to obtain line-level outputs for zones without pre-amp outputs. The unit features color-coded detachable 14-gauge snap connectors for easy installation.

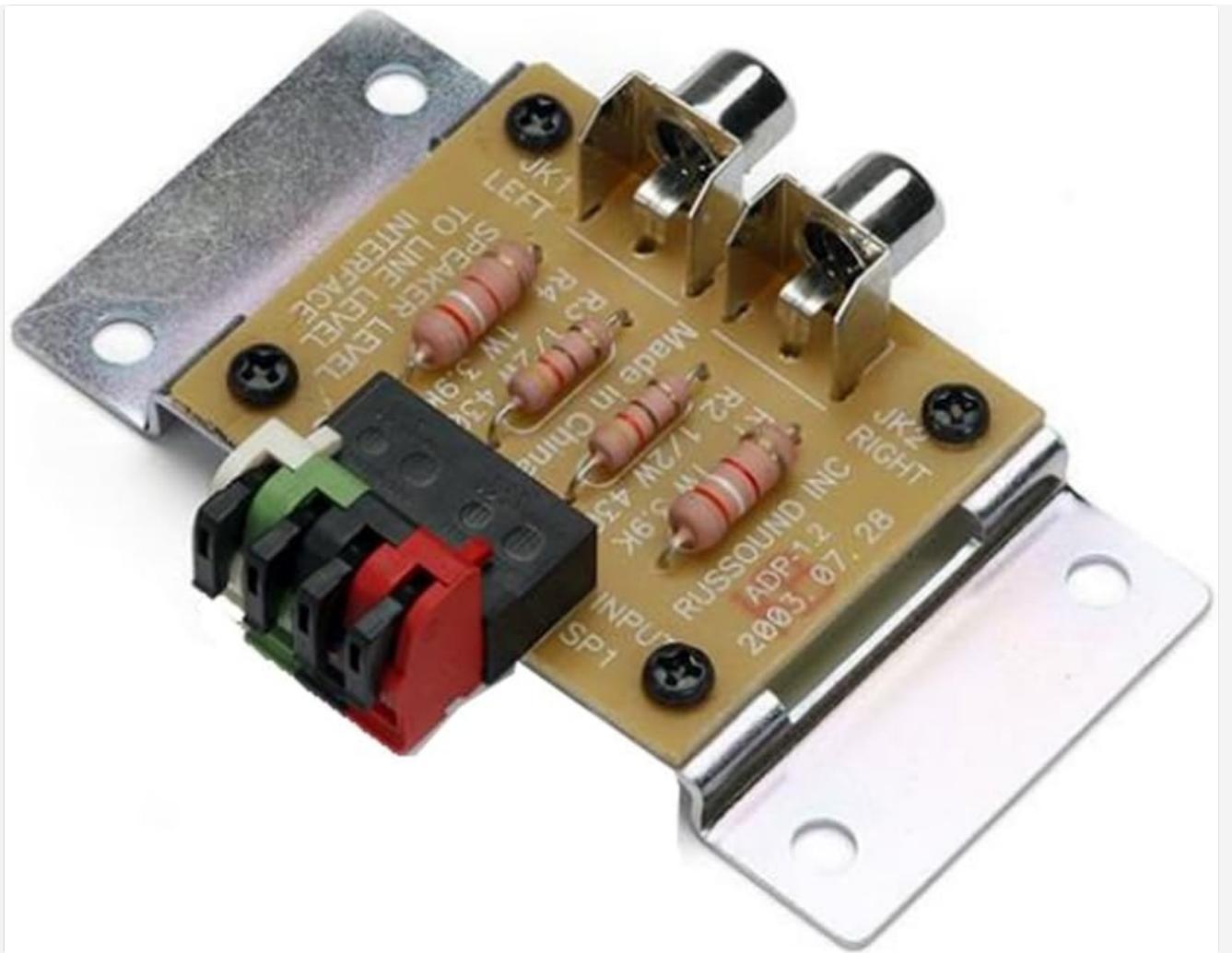


Figure 1: Top view of the Russound ADP-1.2 adapter, showing the circuit board with resistors, RCA line-level outputs (JK1 LEFT, JK2 RIGHT), and the color-coded detachable speaker-level input terminal (SP1).



Figure 2: Packaging box for the Russound ADP-1.2, labeled "Speaker-Level to Line-Level Interface" and displaying the model number and a diagram of the unit.

## 2. IMPORTANT SAFETY INFORMATION

- **WARNING:** This device is **NOT FOR USE WITH DIGITAL AMPLIFIERS**. Connecting to digital amplifiers may result in damage to the adapter or the amplifier.
- Always disconnect power to audio equipment before making any connections.
- Ensure all connections are secure to prevent short circuits.
- Do not expose the unit to moisture or extreme temperatures.
- Do not attempt to open or modify the unit. There are no user-serviceable parts inside.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Russound ADP-1.2 Speaker-level to Line-level Adapter unit
- Detachable 14-gauge snap connector (pre-installed on unit)
- Mounting brackets (integrated into the unit's design)

## 4. SETUP AND INSTALLATION

Follow these steps to properly install the ADP-1.2 adapter:

1. **Power Off:** Ensure all audio equipment, including the amplifier and any connected devices, is powered off and unplugged from the AC outlet.
2. **Identify Speaker Outputs:** Locate the speaker-level outputs on your amplifier or receiver that you wish to convert to line-level.
3. **Connect Speaker Wires:** Connect the speaker wires from your amplifier's speaker outputs to the color-coded detachable 14-gauge snap connector on the ADP-1.2.
  - Match positive (+) and negative (-) terminals correctly.
  - Ensure wires are securely inserted into the snap connector.
4. **Connect Line-Level Outputs:** Connect RCA cables (not included) from the RCA outputs (JK1 LEFT, JK2 RIGHT) on the ADP-1.2 to the line-level inputs of your external amplifier, subwoofer, or other audio device.
5. **Mounting (Optional):** The ADP-1.2 features integrated mounting brackets. Secure the unit in a suitable location using appropriate screws (not included), ensuring good ventilation and accessibility for connections.
6. **Power On:** Once all connections are secure, plug in and power on your audio equipment.

## 5. OPERATING INSTRUCTIONS

The Russound ADP-1.2 operates passively, converting the high-voltage speaker signal into a low-voltage line-level signal without requiring external power. Once connected, it functions automatically:

- Audio signals from your amplifier's speaker outputs are fed into the ADP-1.2.
- The adapter attenuates and converts these signals into a standard line-level output.
- The line-level signals are then available at the RCA outputs for connection to other audio components.
- No user adjustments or controls are present on the unit.

## 6. MAINTENANCE

The ADP-1.2 is designed for reliable, maintenance-free operation. To ensure longevity:

- Keep the unit clean by wiping it with a soft, dry cloth.
- Avoid using liquid cleaners or solvents.
- Ensure proper ventilation around the unit to prevent heat buildup.
- Periodically check all connections to ensure they remain secure.

## 7. TROUBLESHOOTING

If you experience issues with your ADP-1.2, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from connected device.	Incorrect speaker wire connections. Loose RCA cable connections. Source amplifier not powered on or playing audio. Connected device (e.g., external amp) not powered on or configured correctly.	Verify speaker wire polarity (+/-) and secure connections. Ensure RCA cables are fully inserted at both ends. Check power and audio playback on your source amplifier. Confirm the connected device is powered on and set to the correct input.
Distorted or low-quality sound.	Incorrect wiring. Overdriving the input signal. Interference from other electronics. Unit connected to a digital amplifier.	Recheck all connections for proper polarity and tightness. Reduce the volume level from the source amplifier. Relocate the ADP-1.2 away from power cables or other electronic devices. <b>Immediately disconnect if connected to a digital amplifier. This unit is not compatible.</b>

## 8. SPECIFICATIONS

Feature	Detail
Model Number	ADP-1.2
Brand	Russound
Input Type	Speaker-level
Output Type	Line-level (RCA)
Compatible Devices	Amplifier, Speaker (for input/output connection)
Connector Type	RCA (output), Detachable Snap Connector (input)
Wire Gauge (Input)	14-gauge (snap connectors)
Color	Beige (PCB)
Item Weight	1.76 ounces (50 grams)
Package Dimensions	4.41 x 2.68 x 2.24 inches (11.2 x 6.8 x 5.7 cm)
ASIN	B01KYHD5SC
UPC	0612934520891
Date First Available	November 1, 2016
Manufacturer	PIEEF (as listed)

## 9. WARRANTY AND SUPPORT

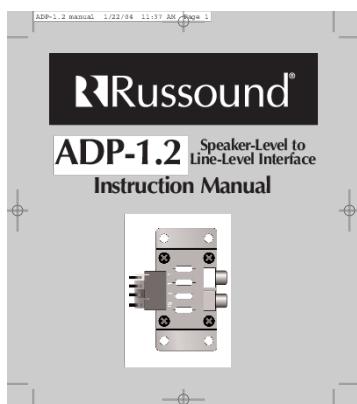
For detailed warranty information and technical support, please refer to the official Russound website or contact their customer service department. Keep your purchase receipt as proof of purchase.

**Russound Contact Information:** (Please visit the official Russound website for the most current contact details.)

- Website: [www.russound.com](http://www.russound.com)
- Customer Support: Refer to website for phone numbers or email contacts.

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### Documents - Russound – ADP-1.2

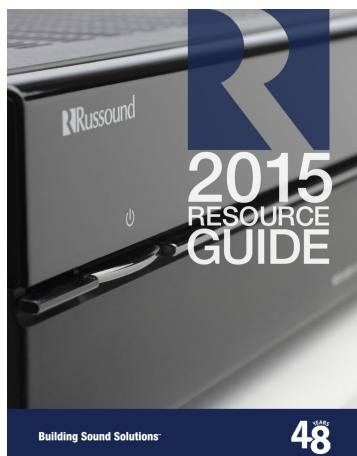


[\[pdf\]](#) User Manual Instructions

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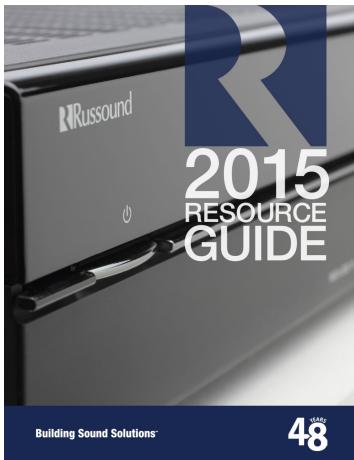
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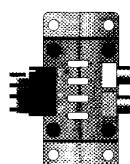
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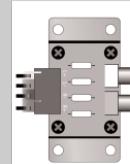
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**ADP-1.2** Speaker-Level to Line-Level Interface  
**Instruction Manual**

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**Instruction Manual**

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**ADP-1.2** Speaker-Level to Line-Level Instruction Manual Product Overview The **ADP-1.2** speaker-level to line-level interface attenuates speaker-level audio from a stereo receiver or amplifier to create a line-level signal. This line-level signal can then be fed to a high-powered amplifier for those a...

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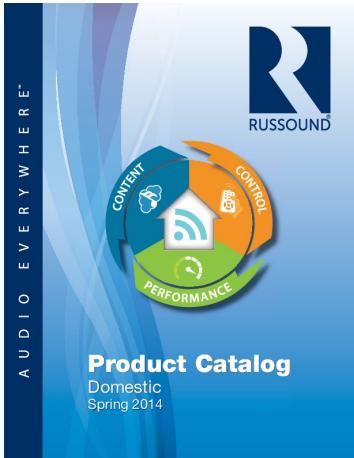
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## [pdf] Diagram

Outdoor Audio System Project Flow Diagram Donald Fischer AVS Forum ▷ Bluetooth only with minimal attention by owner user Fosi BT20a Pro 80 00 \$ 100 Final Sprodio Full project small file avsforum attachments 3511301 |||

Outdoors Audio System Design and Development Project Basis/Criteria 90 by 60 area  
large site Tw ... tts; 8 ohm dual-channel orientation; 4 ohm single ATRIUM 4 / Mono  
TO REDUCE PROJECT COST. Russound **ADP-1.2** 2 Polk Atrium 8 SDI Aiyima A300  
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[\[pdf\]](#) Accessories Catalog Price List

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Product Catalog Domestic Spring 2014 Table of Contents XStreamTM XStream Wireless Systems X5..... ... cluded. Dimensions: 7.875 W x 4.25 H x1.5 D 201 x 108 x 38.1 mm MSRP 60.00 System Accessories **ADP-1.2** Speaker to Line-Level Adapter Recommended for use with CAA66 and MCA-3 to obtain line level ...  
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