Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

YONGJIANGXIA AD-108FM

YONGJIANGXIA AD-108FM Car Audio Speaker Wire to RCA Line Output Converter User Manual

1. Product Overview

The YONGJIANGXIA AD-108FM is a line output converter designed for car audio systems. It enables the connection of an amplifier to a factory car CD/receiver deck that lacks dedicated RCA outputs. This device converts high-level speaker wire signals into low-level RCA signals, providing two gold-plated female RCA outputs suitable for amplifier hookup. It is capable of converting signals from 2 to 10 watts per channel.

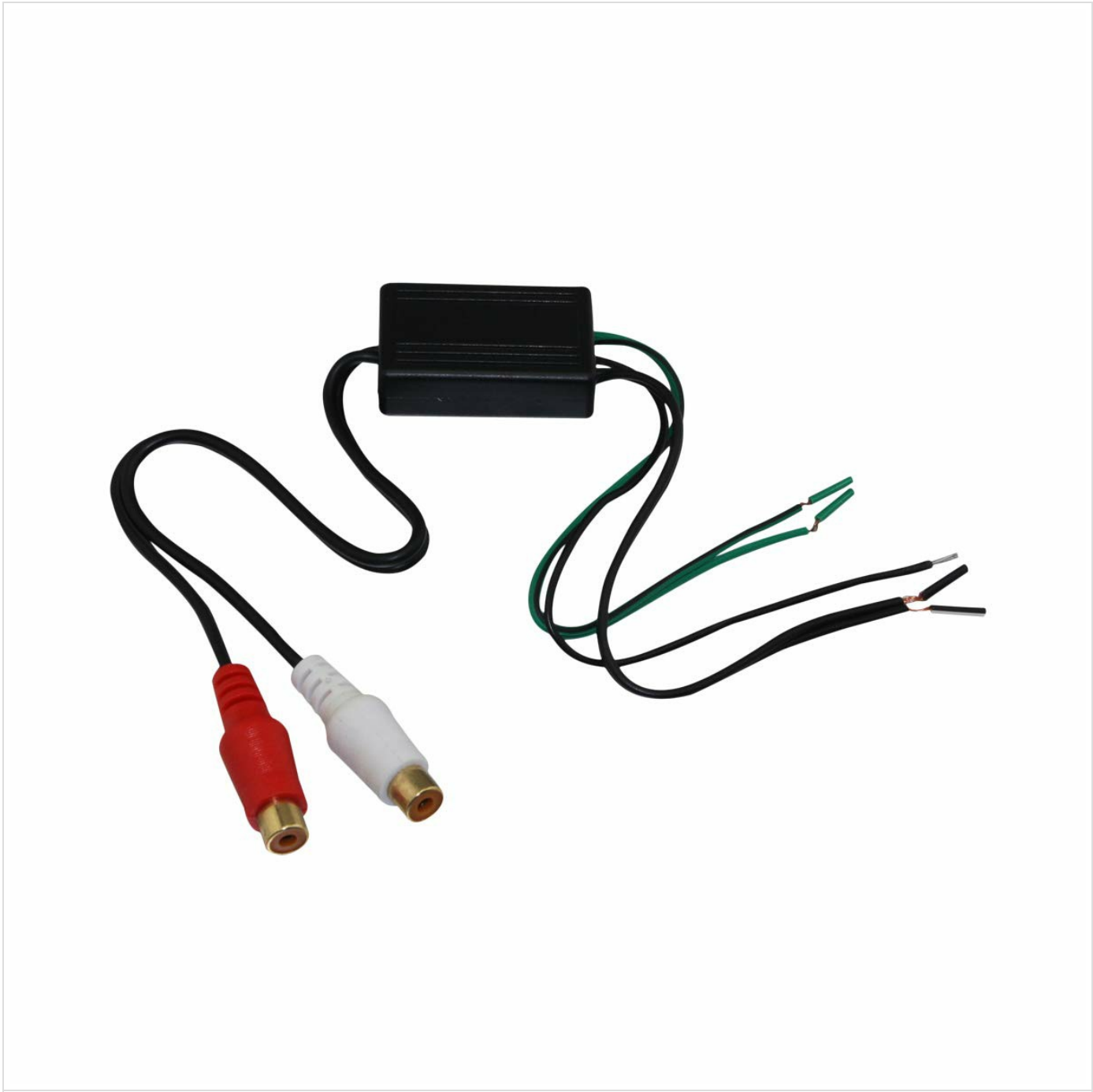


Figure 1: YONGJIANGXIA AD-108FM Line Output Converter with RCA and speaker wire connections.

2. Features

- Converts speaker wire outputs to RCA outputs.
- Enables amplifier connection to factory car audio systems.
- Two gold-plated female RCA outputs for reliable signal transfer.
- Supports 2-10 watts per channel conversion.
- Compact and durable design.

3. Specifications

Model Number	AD-108FM

Brand	YONGJIANGXIA
Connector Type	RCA
Cable Type	RCA
Material	Copper
Package Dimensions	6.89 x 5.98 x 1.18 inches
Item Weight	1.27 ounces
Manufacturer	Sky International

4. Package Contents

- 1 x YONGJIANGXIA AD-108FM Line Output Converter

5. Safety Information

- Always disconnect the vehicle's battery before performing any electrical work to prevent short circuits and electrical shock.
- Ensure all connections are secure and properly insulated to prevent accidental shorts.
- If you are unsure about any installation steps, consult a professional car audio installer.
- Do not expose the device to excessive moisture or extreme temperatures.

6. Installation Guide

Wiring Instructions

This converter connects to your factory car CD/receiver deck's speaker outputs and provides RCA connections for an amplifier. Follow the wiring diagram and instructions carefully:

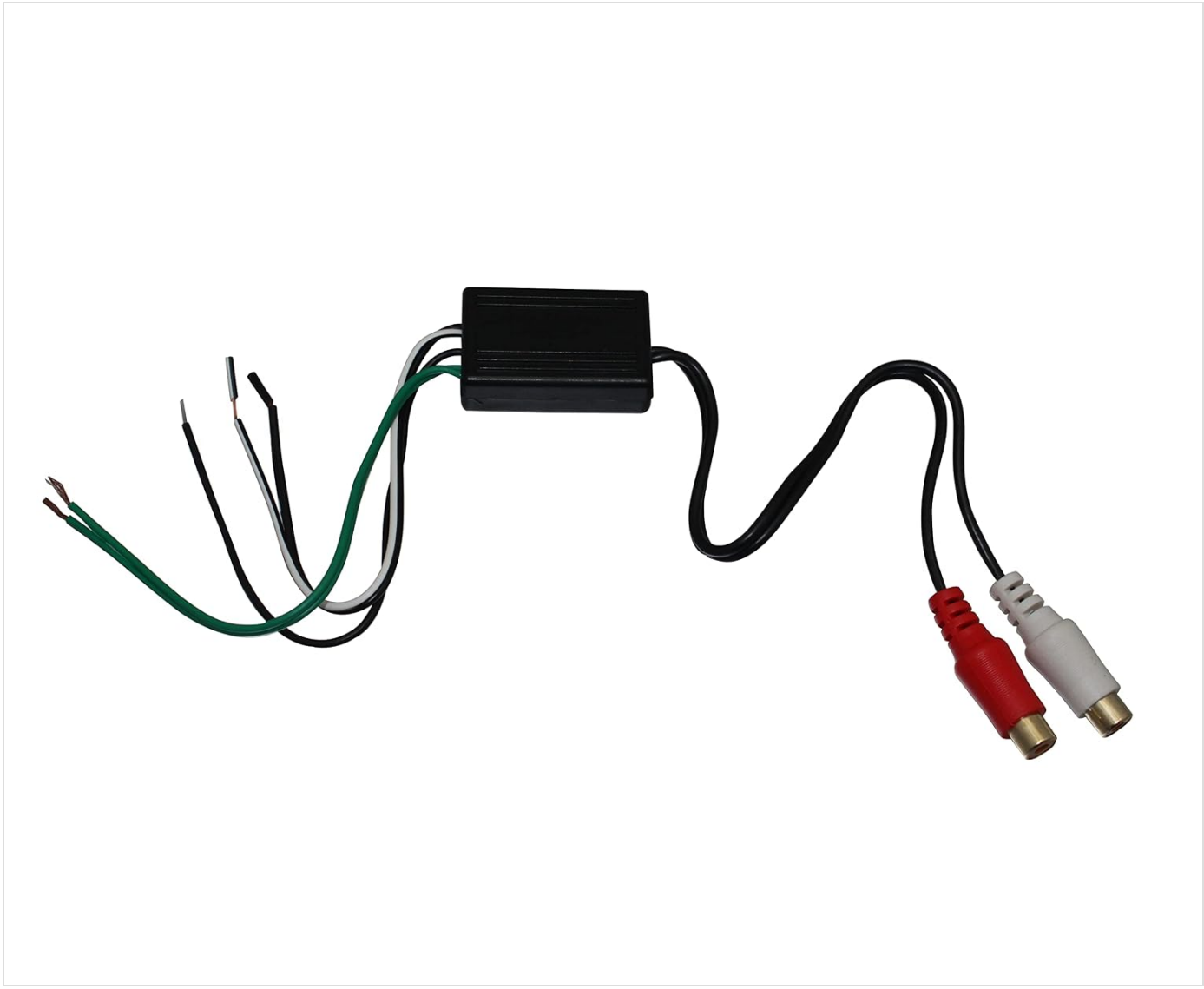


Figure 2: Detailed view of the AD-108FM wiring connections.

1. **Connect to Car CD/Receiver:** The two gold-plated female RCA connectors on the AD-108FM connect to the RCA input cables of your amplifier.
2. **Left Channel Positive (L+):** The **black wire** from the converter connects to the **Left Speaker Positive (+) output** from your car CD/receiver.
3. **Left Channel Negative (L-):** The **black/white wire** from the converter connects to the **Left Speaker Negative (-) output** from your car CD/receiver.
4. **Right Channel Positive (R+):** The **green wire** from the converter connects to the **Right Speaker Positive (+) output** from your car CD/receiver.
5. **Right Channel Negative (R-):** The **green/black wire** from the converter connects to the **Right Speaker Negative (-) output** from your car CD/receiver.
6. **Ground Connection:** The single **black wire** (separate from the speaker wire bundle) connects to a reliable **amplifier ground point**. Ensure this is a solid chassis ground.



Figure 3: Close-up view of the gold-plated RCA outputs on the AD-108FM.

After making all connections, double-check the wiring for correctness before reconnecting the vehicle's battery and testing the audio system.

7. Operation

Once properly installed, the YONGJIANGXIA AD-108FM operates automatically. It passively converts the speaker-level signals from your car's head unit into RCA-level signals for your amplifier. No user intervention or adjustments are required for its operation.

8. Troubleshooting

- **No Sound:**
  - Verify all wiring connections are secure and correct, especially the speaker wire inputs and RCA outputs.
  - Check the amplifier's power, ground, and remote turn-on connections.
  - Ensure the car CD/receiver is powered on and outputting sound to the speakers.
- **Humming or Static Noise:**

- Ensure the ground wire of the converter is securely connected to a good chassis ground point.
- Check for proper shielding of RCA cables and ensure they are not running parallel to power cables.
- Verify all connections are tight and free from corrosion.

- **Distorted Sound:**
  - Ensure the input signal from the car CD/receiver is not overdriving the converter (though this unit is designed for 2-10W per channel).
  - Check amplifier gain settings; they might be set too high.
  - Inspect speaker wire connections for any shorts or loose strands.

9. Maintenance

The YONGJIANGXIA AD-108FM requires minimal maintenance. Keep the unit and its connections clean and dry. Periodically check the wiring connections to ensure they remain secure and free from corrosion. Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.

10. Warranty and Support

Specific warranty information for the YONGJIANGXIA AD-108FM is not provided in this manual. For warranty claims, technical support, or further assistance, please contact the manufacturer or your point of purchase directly. Retain your purchase receipt as proof of purchase.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B082S5DQYV

More documents and user manuals: **https://manuals.plus/**