

PROZOR LNKVC654

PROZOR 2-Way Amplifier Speaker Selector Switch (Model LNKVC654) User Manual

Model: LNKVC654

1. INTRODUCTION

The PROZOR 2-Way Amplifier Speaker Selector Switch is a passive audio device designed to manage connections between amplifiers and speakers. It allows users to connect two amplifiers to a single pair of speakers, or one amplifier to two pairs of speakers, providing flexibility in audio system configurations. This device operates without external power and is engineered to maintain sound quality.

2. PRODUCT FEATURES

- **Versatile Connectivity:** Supports 2-in-1-out (two amplifiers to one pair of speakers) or 1-in-2-out (one amplifier to two pairs of speakers) configurations. Only one input or output can be active at a time.
- **High-Quality Terminals:** Equipped with gold-plated banana plug input/output ports, compatible with up to 12-gauge speaker wire.
- **Robust Internal Wiring:** Utilizes UL1007 18 AWG wire for high current handling.
- **Power Handling:** Rated for 100W RMS per channel, with a peak power of 200W.
- **Passive Design:** Requires no external power, ensuring plug-and-play operation and no impact on audio fidelity.
- **Simple Operation:** Features an A/B switch for easy selection between different audio inputs or outputs.
- **Wide Compatibility:** Compatible with various amplifiers and passive speakers.

3. PACKAGE CONTENTS

- PROZOR 2-Way Amplifier Speaker Selector Switch (Model LNKVC654)
- User Manual

4. SETUP AND CONNECTION

Before making any connections, ensure all audio equipment is powered off to prevent damage.

2-way speaker selector switch

2 Input 1 Out / 1 Input 2 Out

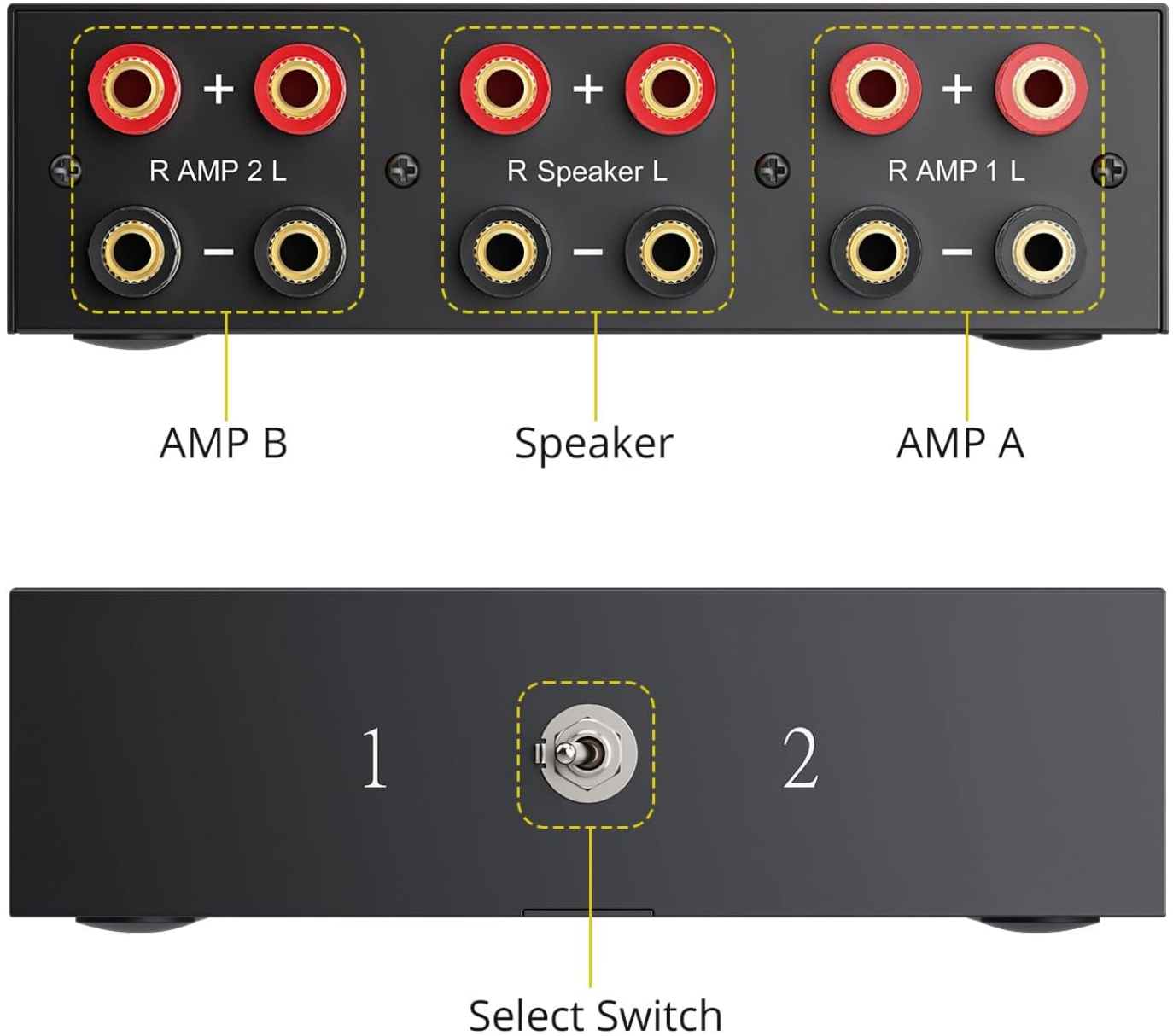
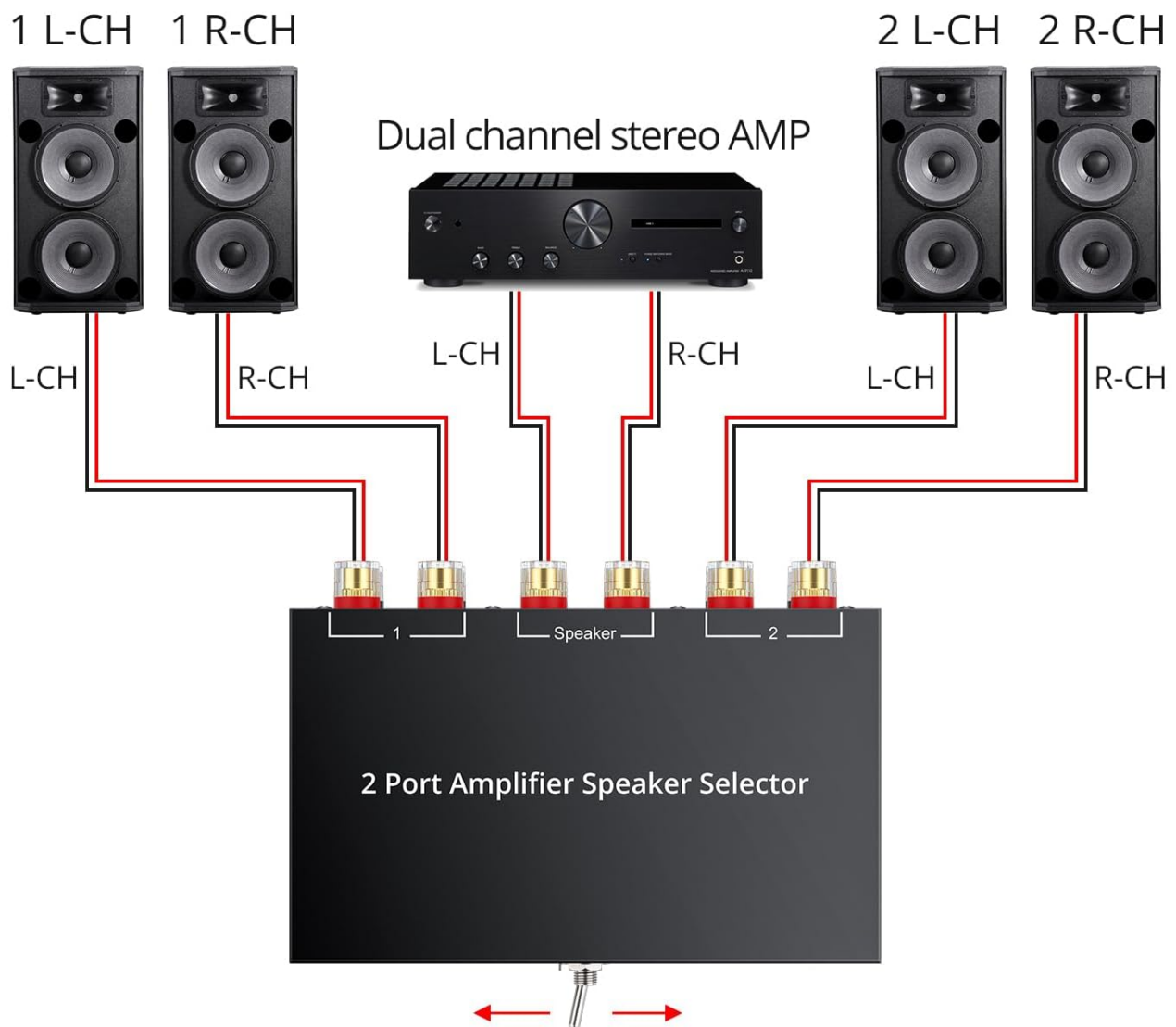


Figure 1: Front and Rear Panels of the PROZOR Speaker Selector Switch. The front panel features a toggle switch for selection, while the rear panel displays clearly labeled banana plug terminals for speaker and amplifier connections.

4.1. Connecting Two Amplifiers to One Pair of Speakers (2-in-1-out)

1. Connect the speaker cables from your first amplifier to the 'AMP 1 L' and 'AMP 1 R' terminals on the selector switch. Ensure correct polarity (+ to + and - to -).
2. Connect the speaker cables from your second amplifier to the 'AMP 2 L' and 'AMP 2 R' terminals on the selector switch. Maintain correct polarity.
3. Connect your single pair of speakers to the 'Speaker L' and 'Speaker R' terminals on the selector switch. Observe correct polarity.

1AMPs connected to 2 pair of speakers



Only one input can be played at a time; it cannot operate simultaneously.

Figure 2: Diagram for connecting two amplifiers to one pair of speakers. This setup allows you to switch between Amplifier 1 and Amplifier 2 to power the same set of speakers.

4.2. Connecting One Amplifier to Two Pairs of Speakers (1-in-2-out)

1. Connect the speaker cables from your single amplifier to the 'Speaker L' and 'Speaker R' terminals on the selector switch. Ensure correct polarity.
2. Connect your first pair of speakers to the 'AMP 1 L' and 'AMP 1 R' terminals on the selector switch. Maintain correct polarity.
3. Connect your second pair of speakers to the 'AMP 2 L' and 'AMP 2 R' terminals on the selector switch. Observe correct polarity.

Passive Design

Plug and play, no power required, no impact on sound quality



Figure 3: Diagram for connecting one amplifier to two pairs of speakers. This configuration enables you to switch between Speaker Pair 1 and Speaker Pair 2 using a single amplifier.

4.3. Visual Connection Guide

Your browser does not support the video tag.

Video 1: Official video demonstrating the setup and operation of the PROZOR 2-Way Amplifier Speaker Selector Switch, showing both 1-in-2-out and 2-in-1-out configurations. This video provides a visual guide for connecting your audio components.

5. OPERATING INSTRUCTIONS

Once all connections are securely made and verified, you can begin operating the PROZOR Speaker Selector Switch.

1. Power on your amplifier(s) and audio source(s).
2. Use the toggle switch on the front panel of the PROZOR selector to choose between '1' or '2'.
3. In a 2-in-1-out setup, selecting '1' will route audio from Amplifier 1 to your speakers, while selecting '2' will route audio from Amplifier 2.

4. In a 1-in-2-out setup, selecting '1' will send audio from your amplifier to Speaker Pair 1, and selecting '2' will send audio to Speaker Pair 2.
5. Only one position can be selected at a time; simultaneous operation of both inputs/outputs is not supported.



Figure 4: The PROZOR selector switch in an active audio setup, demonstrating its compact size and ease of integration into a home audio system.

Wide Compatibility

Widely used with amplifiers and passive speakers



Figure 5: A close-up of the gold-plated banana jacks, which ensure stable signal transmission, anti-interference, and corrosion resistance for long-term performance.

6. SPECIFICATIONS

Feature	Description
Model Number	LNKVC654
Dimensions	6.34 x 5.67 x 1.81 inches
Item Weight	1.06 pounds
Rated Power	100W RMS per channel, 200W peak
Connector Type	Banana Plug
Internal Wiring	UL1007 18 AWG wire

Compatibility	Amplifiers, Passive Speakers, Turntables, Laptops, CD/DVD Players, Desktops, TVs, Active Monitor Speakers, Audio Interfaces
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7. TROUBLESHOOTING



- **No Sound:**
 - Ensure all speaker wires are securely connected to the correct terminals on both the selector switch and your audio equipment.
 - Verify that the toggle switch on the selector is set to the desired input/output (1 or 2).
 - Check that your amplifier(s) and audio source(s) are powered on and functioning correctly.
 - Confirm correct polarity (+ to + and - to -) for all speaker wire connections.
- **Distorted Sound:**
 - Ensure speaker wire gauge is appropriate for your system and connections are tight.
 - Verify that the power rating of your amplifier and speakers is within the limits of the selector switch (100W RMS / 200W Peak per channel).
 - Check for any loose connections or frayed wires.
- **Switch Not Functioning:**
 - The switch is mechanical; ensure it clicks firmly into position 1 or 2.
 - As a passive device, no power is required for the switch itself. If issues persist, inspect for physical damage.


8. WARRANTY AND SUPPORT

PROZOR products are designed for reliability and performance. For any technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact PROZOR customer support through the retailer where the product was purchased or visit the official PROZOR website for contact information. Please retain your proof of purchase for warranty claims.

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Related Documents - LNKVC654

	<p>PROZOR Digital Amplifier User Manual</p> <p>This user manual provides comprehensive instructions for the PROZOR Digital Amplifier, covering package contents, overview, panel descriptions, connection modes, and troubleshooting.</p>
	<p>PROZOR HDMI Audio Extractor User Manual and Specifications</p> <p>User manual and technical specifications for the PROZOR PST073a HDMI Audio Extractor. Learn about setup, connections, features, troubleshooting, and warranty for this 4K@30Hz HDMI switch with optical, 3.5mm, and RCA audio outputs.</p>

<div><p>Special Notice:</p><p>PROZOR Bluetooth DAC supports digital PCM or LPCM audio format. Please verify your digital audio source such as DVD, TV, Blu-ray, or game console. PROZOR supports digital audio format: DTS, DTS-HD, AC3, PCM. Selecting Path: Device homepage → system setting → image and sound → core setting → digital audio output → PROZOR DAC.</p><p>2. You need to configure the output of the TV. Please follow the steps below to set up:</p><p>A. Selecting TV settings path</p><p>1. TV Home → Settings → Sound → Output Settings → Audio Format → PCM</p><p>2. External speakers Settings → Select → Select Speaker → Central</p><p>3. LD TV setting path</p><p>1. TV Home → Settings → Sound → All Settings → Spatial Out → Spatial</p><p>→ Digital Output Out → PCM</p><p>→ Speaker → Select Out → TV</p><p>2. You need to configure the output of the TV speakers and Sound Menu → All Settings → Sound Out → Spatial → Selecting TV Speaker → Central</p><p>3. The TV connects our products to the sound system through the optical fiber interface, and the volume button on the remote control cannot be directly used to adjust the output volume of PROZOR Bluetooth DAC.</p><p>4. Power charging: USB Power Cable → separate 5V 1A Standard Plug → red notch</p><p>Do not Power Converter by plugging in USB cable into your TV directly. Unstable power supply may cause burning issue.</p><p>5. If the volume from PROZOR Bluetooth DAC is not loud enough, please connect the output of DAC with corresponding interface headset. Headset can amplify or power amplifier.</p><p>6. Not compatible with Apple and Full-size Amazon Prime video website.</p><p>DS-1</p></div>	<p>PROZOR 192kHz Bluetooth DAC Converter: Digital to Analog Audio, Volume Control, Optical/Coaxial to RCA/3.5mm</p> <p>User guide and specifications for the PROZOR 192kHz Bluetooth DAC Converter. Learn how to connect, set up, and troubleshoot this digital-to-analog audio converter with Bluetooth 5.0.</p>
<div><p>Product Content:</p><p>1x HDMI Audio Extractor 1x Power Cable 1x User Manual</p><p>Notice:</p><p>Thanks for using PROZOR product. All PROZOR product comes with warranty of 12 months from the date of purchase. If you need any support, please feel free to contact us.</p><p>Email: prozorusa@gmail.com</p><p>DS-01</p></div>	<p>PROZOR PRR025 HDMI ARC Audio Extractor: Convert 5.1CH to Stereo</p> <p>User manual for the PROZOR PRR025 HDMI ARC Audio Extractor. Learn how to connect and operate this device to convert 5.1 channel digital audio to stereo analog audio for your home theater system, including setup, interface details, and troubleshooting.</p>
<div><p>Remarque au produit:</p><p>Nous vous remercions de la confiance que vous nous témoignez en achetant PROZOR. Ce manuel contient des indications importantes pour la mise en place et l'utilisation de votre équipement. Veuillez prendre toutes les mesures pour les respecter afin d'éviter les dommages à votre matériel. Respectez ce manuel pour toute référence ultérieure.</p><p>Un préamplificateur phono compact. Les plaques et les signaux de bas niveau. Cependant, si plusieurs des câbles audio ne peuvent entrer sur les signaux de niveau ligne. Entre une plaque et une autre câble audio (un câble, un amplificateur ou une carte d'expansion). PROZOR fait tous les efforts pour vous offrir le meilleur produit.</p><p>1. PROZOR amplifie le signal de platine selon les spécifications RIAA. 2. PROZOR amplifie le signal de niveau ligne. 3. PROZOR émet un signal de niveau ligne.</p><p>PR-01</p></div>	<p>PROZOR PRR019 Audiophile MM Phono Preamplifier User Manual</p> <p>Comprehensive guide for the PROZOR PRR019 compact phono preamplifier, covering setup, specifications, connections, and troubleshooting. Enhance your turntable audio experience.</p>
<div><p>4-Port Digital to Analog Converter Amplifier with Remote Control</p><p>Amplifier by Remote Control</p><p>—</p></div>	<p>PROZOR 4-Port Digital to Analog Converter Amplifier with Remote Control User Manual</p> <p>User manual and specifications for the PROZOR 4-Port Digital to Analog Converter Amplifier, featuring multiple digital inputs (Toslink, Coaxial), analog outputs (RCA, AUX), and remote control operation. Includes detailed panel descriptions, connection diagrams, operation steps, and usage notes.</p>