PROZOR PRR066

PROZOR Digital Audio Switcher Splitter (PRR066) Instruction Manual

Model: PRR066

1. Introduction

This manual provides detailed instructions for the PROZOR Digital Audio Switcher Splitter (Model PRR066). This device allows you to connect up to three optical audio sources and output the audio to two optical audio receivers simultaneously. It supports various audio formats including LPCM 2.0, DTS, and Dolby-AC3, ensuring high-fidelity audio transmission.
The switcher features both manual and infrared (IR) remote control switching for convenience. Its compact design and durable aluminum alloy construction make it a reliable addition to your audio setup.

1.1 Package Contents

- PROZOR Digital Audio Switcher Splitter (PRR066)
- IR Remote Control
- USB-C Power Cable
- 1m Optical Cable
- User Manual (this document)



Image 1.1: Package contents of the PROZOR Digital Audio Switcher Splitter, showing the main unit, remote control, USB-C power cable, and an optical cable.

2. Product Overview

The PROZOR PRR066 is designed to simplify your audio connections by providing multiple inputs and simultaneous outputs for optical audio signals.

2.1 Device Layout



Image 2.1: Front and back panel layout of the switcher. The front panel includes the IR receiver, power indicator, input indicators (IN1, IN2, IN3), and the power/switch button. The back panel features three optical inputs (IN1, IN2, IN3), two optical outputs (OUT1, OUT2), and a Type-C power interface.

Front Panel:

- **IR Receiver:** For receiving signals from the remote control.
- **POWER Indicator:** Illuminates when the device is powered on.
- **IN1/IN2/IN3 Indicators:** Show which input is currently selected.
- **SWITCH Button:** Press to cycle through inputs; press and hold to power on/off.

Rear Panel:

- **IN1/IN2/IN3:** Optical audio input ports.
- **OUT1/OUT2:** Optical audio output ports.
- **USB 5V (Type-C):** Power input port.

3. Setup Instructions

Follow these steps to connect your PROZOR Digital Audio Switcher Splitter to your audio system.

3.1 Connection Diagram

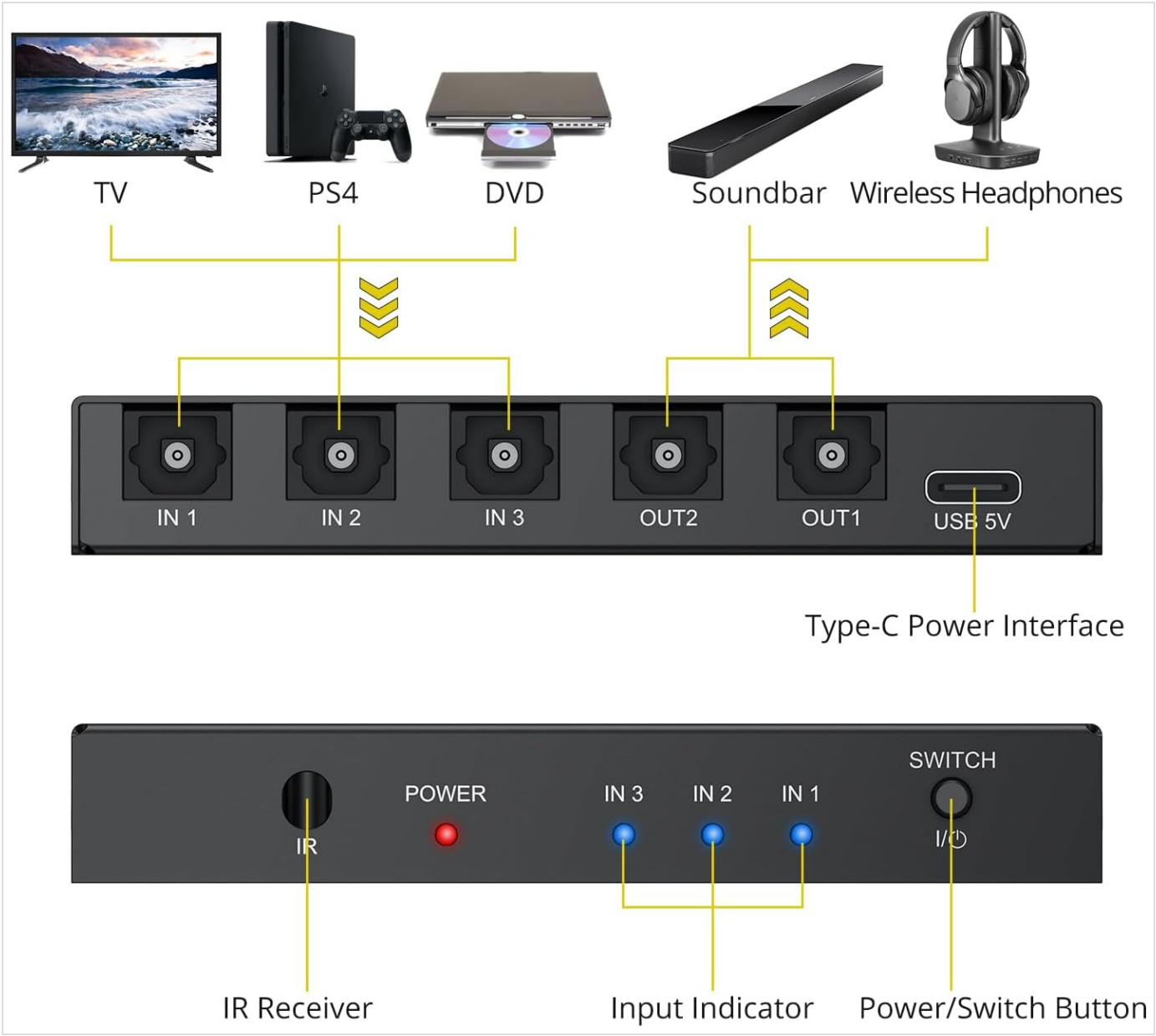


Image 3.1: Illustrates connecting various source devices (TV, PS4, DVD) to the optical inputs and outputting audio to a soundbar and wireless headphones via the optical outputs.

3.2 Step-by-Step Connection

1. **Power Connection:** Connect the provided USB-C power cable to the "USB 5V" port on the switcher and then to a 5V USB power adapter (not included) or a USB port on your TV/PC. The POWER indicator will illuminate.
2. **Input Devices:** Connect your optical audio source devices (e.g., TV, DVD player, game console) to the "IN1", "IN2", and "IN3" optical input ports on the switcher using optical cables.
3. **Output Devices:** Connect your optical audio receiving devices (e.g., soundbar, AV receiver, wireless headphone transmitter) to the "OUT1" and "OUT2" optical output ports on the switcher using optical cables.
4. **Power On:** The device will power on automatically when connected to power. If it's off, press and hold the "SWITCH" button for approximately 5 seconds to power it on.

Ensure all optical cables are securely inserted. A click sound indicates a proper connection. Remove protective caps from

optical cable ends before insertion.

4. Operating Instructions

The PROZOR Digital Audio Switcher Splitter offers two methods for selecting audio inputs: manual button control and IR remote control.

4.1 Manual Switching

- Press the "SWITCH" button on the front panel of the device to cycle through the available inputs (IN1, IN2, IN3).
- The corresponding input indicator (IN1, IN2, or IN3) will light up to show the currently selected source.
- To power off the device, press and hold the "SWITCH" button for approximately 5 seconds. Press it again briefly to power it back on.

4.2 Remote Control Switching

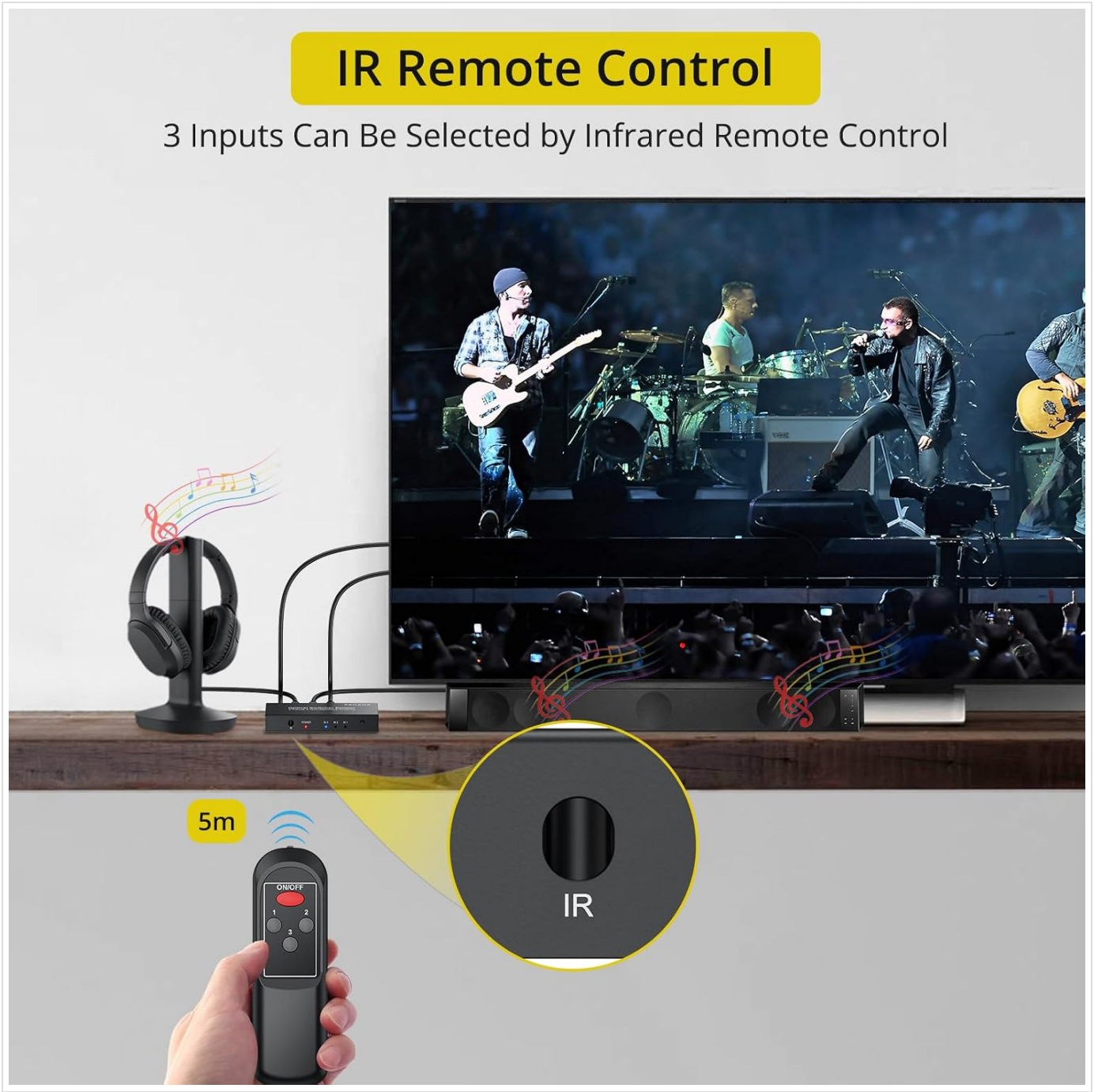


Image 4.1: The included IR remote control, featuring an ON/OFF button and dedicated buttons for selecting inputs 1, 2, and 3.

- Ensure the remote control has a working battery.
- Point the remote control towards the "IR Receiver" on the front panel of the switcher.
- Press the "ON/OFF" button to power the device on or off.
- Press the "1", "2", or "3" buttons to directly select the corresponding optical input (IN1, IN2, or IN3).
- The selected input indicator on the device will confirm your choice.

The remote control typically has an effective range of up to 5 meters (16.4 feet).

4.3 Audio Format Support

The device supports the following digital audio formats:

- LPCM 2.0
- DTS
- Dolby-AC3

Ensure your source devices are configured to output one of these supported formats for optimal performance.

5. Maintenance

Proper care and maintenance will ensure the longevity and optimal performance of your PROZOR Digital Audio Switcher Splitter.

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Handle optical cables carefully. Avoid bending them sharply or placing heavy objects on them, as this can damage the fiber optic core.
- **Power:** Disconnect the power adapter if the device will not be used for an extended period.

6. Troubleshooting

If you encounter issues with your PROZOR Digital Audio Switcher Splitter, refer to the following common problems and solutions.

Problem	Possible Solution
No audio output.	◦ Ensure the device is powered on and the POWER indicator is lit. ◦ Verify all optical cables are securely connected to both the switcher and your source/output devices. ◦ Check that the correct input is selected on the switcher (corresponding IN indicator should be lit). ◦ Confirm your source device is outputting audio in a supported format (LPCM 2.0, DTS, Dolby-AC3). ◦ Test with different optical cables if possible. ◦ Ensure your output device (soundbar, receiver) is set to the correct optical input.

Problem	Possible Solution
Remote control is not working.	◦ Check the battery in the remote control and replace if necessary. ◦ Ensure there are no obstructions between the remote and the IR receiver on the switcher. ◦ Point the remote directly at the IR receiver. ◦ Ensure you are within the effective range (approx. 5 meters).
Input indicators are not lighting up.	◦ Ensure the device is powered on. ◦ Press the "SWITCH" button or use the remote to cycle through inputs. ◦ If the device is powered on but no indicators light up, contact customer support.

7. Specifications

Detailed technical specifications for the PROZOR Digital Audio Switcher Splitter (PRR066).

Feature	Detail
Model Number	PRR066
Inputs	3 x Optical (SPDIF/Toslink)
Outputs	2 x Optical (SPDIF/Toslink)
Supported Audio Formats	LPCM 2.0, DTS, Dolby-AC3
Max Transmission Distance	25 meters (82 feet) with <0.2dB/m optical cable loss
Control Methods	Manual button, IR Remote Control
Power Supply	USB 5V (Type-C port)
Material	Aluminum Alloy
Product Dimensions (L x W x H)	94mm x 47mm x 15mm (approx. 3.70 x 1.85 x 0.59 inches)
Item Weight	8.4 ounces (approx. 238 grams)



Image 7.1: The compact size of the PROZOR Digital Audio Switcher Splitter, with dimensions 94mm x 47mm x 15mm.



Image 7.2: The switcher supports signal transmission up to 25 meters (82 feet) with minimal loss, ensuring stable audio over distance.

8. Warranty and Support

PROZOR products are designed for reliability and performance. For warranty information and technical support, please refer to the contact details provided with your purchase or visit the official PROZOR website.

If you experience any issues that cannot be resolved using the troubleshooting guide, please contact PROZOR customer service for assistance.

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.

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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