

## SIMOLIO SIMOLIO Dual TV Headphones with 2 Spare Batteries

# SIMOLIO Dual Wireless TV Headphones Instruction Manual

Model: SIMOLIO Dual TV Headphones with 2 Spare Batteries

### PRODUCT OVERVIEW

The SIMOLIO Dual 2.4G Digital Wireless TV Headphones system provides an enhanced audio experience for television viewing. This system includes two wireless headphones, a transmitter that doubles as a charging stand, and two spare batteries for extended use. Key features include voice clarity technology to reduce background noise, 2.4GHz RF transmission for a 100ft range with zero lip-sync delay, and a unique bypass feature allowing simultaneous audio output to both headphones and an external soundbar or AV receiver.

The headphones are designed for comfort during long listening sessions, featuring protein earmuffs and a retractable soft-padded headband. The system supports various audio outputs including Digital Optical (Toslink/SPDIF), RCA, and 3.5mm AUX, ensuring broad compatibility with most TVs and audio sources. Users can personalize their listening experience with three hearing profile options, mono/stereo audio settings, balance control for individual ear levels, and an ambient sound amplifier mode via the MIC button.



Image: The SIMOLIO Dual Wireless TV Headphones system, showcasing two headphones on their charging stand alongside a spare battery.

## SETUP AND CONNECTIONS

Before connecting, verify the audio output ports on your TV or audio source. The system supports Digital Optical (Toslink/SPDIF), RCA, or 3.5mm AUX audio out ports. If using the TV's optical audio out, ensure your TV audio format is set to PCM.

The transmitter connects to your TV or audio source using the appropriate cable. Once connected, simply turn on both the transmitter and the headphones; they will automatically connect without complex Bluetooth pairing. The system operates on a 2.4GHz RF frequency, providing a working range of up to 100 feet (30 meters).

# Works with All TVs

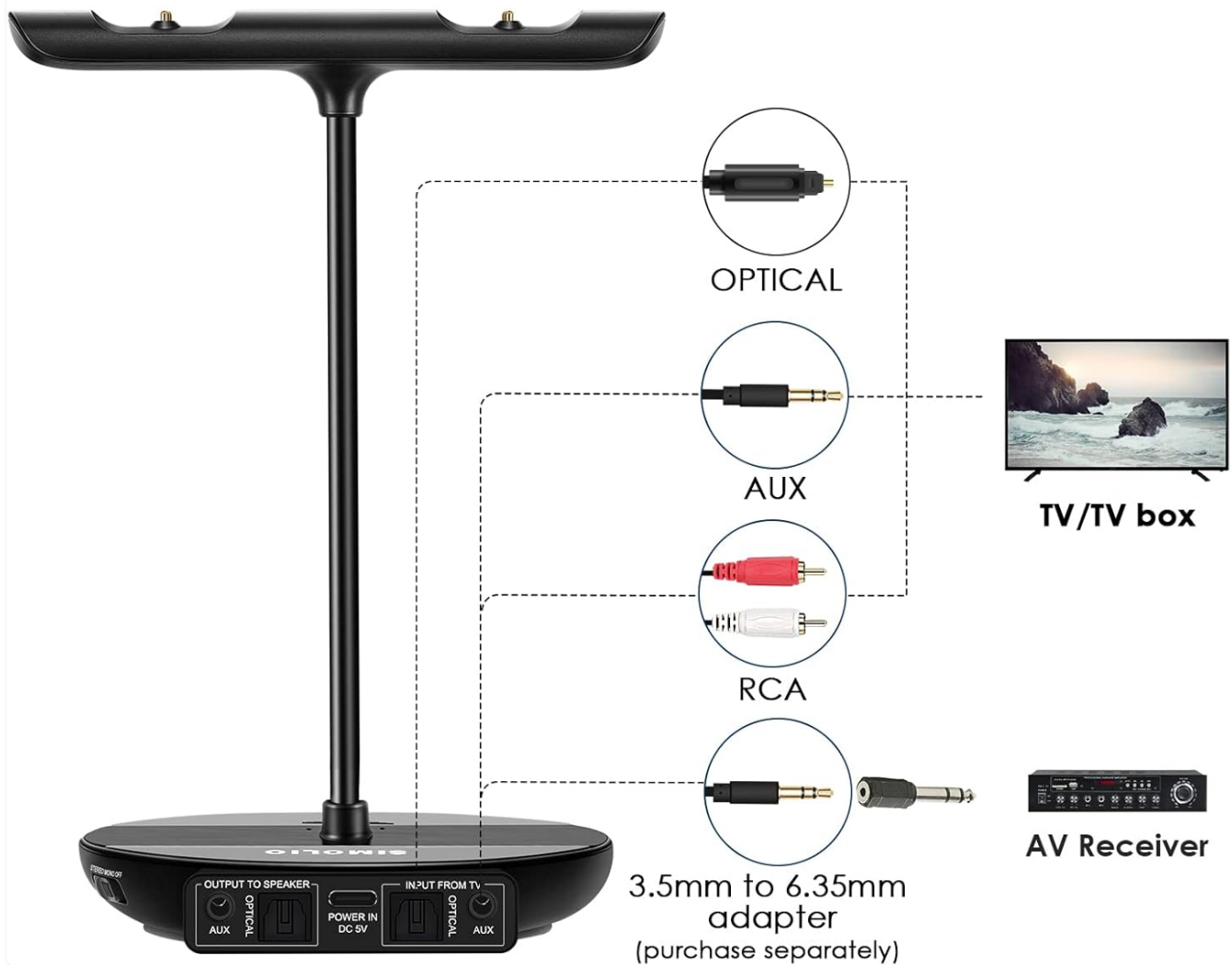


Image: A diagram illustrating the various audio input options for the transmitter, including Optical, AUX, and RCA connections to a TV or AV Receiver.

The innovative "by-pass" feature allows the TV headset to work simultaneously with your existing soundbar or stereo AV Receiver. This means you can listen to the TV at your preferred volume through the headphones, while others can hear the audio directly through the soundbar or speaker system connected to the same TV audio output port.

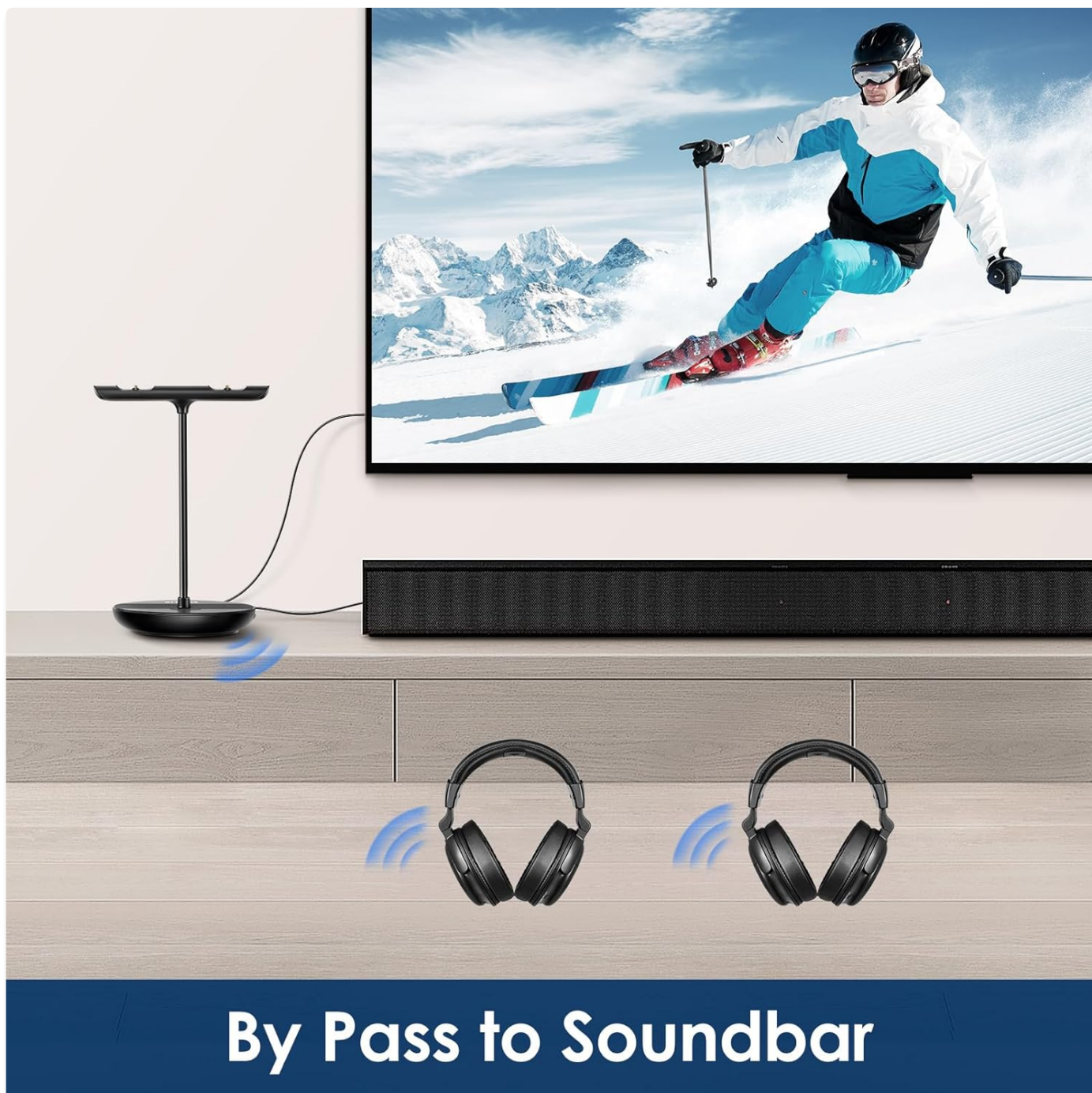


Image: An illustration demonstrating the bypass feature, where audio is simultaneously transmitted to the headphones and an external soundbar from the television.

## OPERATING INSTRUCTIONS

Once connected and powered on, the headphones provide clear audio with voice clarity technology that reduces background noise, making dialogue stand out. The auto signal control technology stabilizes sudden increases in TV volume, protecting your hearing.

You can personalize your TV sound according to your preferences:

- **Tone Adjustment:** Provides three hearing profile options to match different audio genres.
- **Mono/Stereo Settings:** Perfectly matched to different audio genres for optimal listening.
- **Balance Control:** Extremely helpful for individuals with different hearing levels in their left and right ears.
- **MIC Button:** Designed to pick up and amplify ambient sound, allowing you to hear your surroundings without removing the headphones.





## Personalize TV Sound According to your Preferences

- ⦿ 3 TONE presets
- ⦿ Independent volume control
- ⦿ Balance adjustment
- ⦿ Ambient sound amplifier mode

Image: A couple enjoying TV with the headphones, highlighting the personalized sound features such as tone presets, independent volume control, balance adjustment, and ambient sound amplifier mode.

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Video: An official product video demonstrating the key features, design, device compatibility, and battery life of the SIMOLIO Dual Wireless TV Headphones.

## MAINTENANCE AND BATTERY

The transmitter also functions as a convenient charging stand for your headphones. Simply place the headphones on the stand to charge. The system includes a built-in rechargeable and replaceable battery system, providing up to 12 hours of continuous working time. Additionally, two spare batteries are included to ensure uninterrupted TV enjoyment.



## Ultra-Easy Charging

### Spare Battery for Extended Listening

Image: A detailed view of the charging stand, illustrating the contact points for ultra-easy charging of the headphones and the spare battery slot.





**Li-ion battery**  
**3.7V / 500mAh**  
**44 x 27 x 7mm**

Image: A close-up of the SIMOLIO Li-ion battery, model SM-003-BAT, 3.7V/500mAh, highlighting its specifications and "Made in China" label.

## TROUBLESHOOTING

If you encounter any issues with your SIMOLIO Dual Wireless TV Headphones, please consider the following common troubleshooting steps:

- **No Sound/Intermittent Sound:**

- Ensure all cables are securely connected to both the TV/audio source and the transmitter.
- Verify the TV's audio output settings. If using optical, set the TV audio format to PCM.
- Check if the headphones and transmitter are powered on and within range (up to 100ft).
- Confirm the headphones are charged or try swapping with a spare battery.

- **No Auto-Connection:**

- Ensure both the headphones and transmitter are turned on. They should automatically pair.
- If issues persist, try turning both devices off and then on again.

- **TV Internal Speakers Muted:**
  - Some TVs may automatically mute internal speakers when an external audio device is connected. This is a TV feature, not a headphone malfunction.
  - Utilize the bypass feature if you wish to have sound from both the headphones and your soundbar/AVR.
- **Poor Sound Quality/Distortion:**
  - Ensure there are no significant obstructions between the transmitter and headphones that could interfere with the RF signal.
  - Check for other 2.4GHz devices nearby that might cause interference.
  - Adjust the tone and balance settings on the headphones.

For further assistance, please refer to the comprehensive user instructions provided with your product or contact the SIMOLIO support team. We are committed to providing a suitable solution for any issues you may encounter.

SPECIFICATIONS

Feature	Detail
Model Name	SIMOLIO Dual TV Headphones with 2 Spare Batteries
Connectivity Technology	Wireless (RF)
Wireless Communication Technology	RF (2.4 GHz Frequency)
Working Range	Up to 100ft / 30m
Battery Life	Up to 12 Hours
Earpiece Shape	Over-Ear
Noise Control	Sound Isolation
Compatible Devices	Television (Optical, RCA, 3.5mm AUX outputs)
Material	Plastic, Fabric, Foam
Color	Black
Included Components	Headband, 2 Spare Batteries, Transmitter/Charging Stand




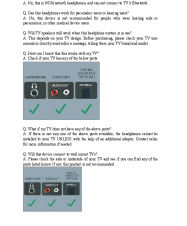
WARRANTY AND SUPPORT

For specific warranty information regarding your SIMOLIO Dual Wireless TV Headphones, please refer to the product packaging or the official SIMOLIO website. If you require technical assistance or have questions not covered in this manual, please reach out to the SIMOLIO support team. Contact details can typically be found on the product packaging or the manufacturer's website.

Please note: These RF products are not recommended for individuals with pacemakers or severe hearing loss.



## Related Documents

	<p><a href="#">SIMOLIO SM-825D Pro Wireless TV Headphones User Manual</a></p> <p>Comprehensive user manual for the SIMOLIO SM-825D Pro Wireless TV Headphones, covering setup, usage, troubleshooting, and technical specifications.</p>
	<p><a href="#">SIMOLIO SM-829D1 Wireless TV Headphones User Manual</a></p> <p>Comprehensive user manual for the SIMOLIO SM-829D1 Wireless TV Headphones, covering setup, operation, troubleshooting, and specifications.</p>
	<p><a href="#">SIMOLIO JH-737D Wireless TV Headphones User Manual</a></p> <p>Comprehensive user manual for the SIMOLIO JH-737D Wireless TV Headphones, providing setup instructions, troubleshooting, and technical specifications for optimal audio experience.</p>
	<p><a href="#">SIMOLIO SM-824D2 Wireless Headphones for TV - FAQ and Compatibility</a></p> <p>Frequently asked questions and compatibility guide for SIMOLIO SM-824D2 Dual Wireless Headphones for TV Watching. Learn about TV connectivity, audio ports, and usage with hearing aids and pacemakers.</p>