

SIMOLIO SM-829D2

SIMOLIO SM-829D2 Dual Wireless Headphones for TV User Manual

Model: SM-829D2

1. INTRODUCTION

Thank you for choosing the SIMOLIO SM-829D2 Dual Wireless Headphones for TV. This system is designed to provide an enhanced audio experience for television viewing, offering clear dialogue, adjustable volume, and the convenience of wireless listening. The 2-in-1 transmitter and charging stand ensures your headphones are always ready for use. This manual will guide you through the setup, operation, and maintenance of your new headphones.



Image 1.1: The SIMOLIO SM-829D2 Dual Wireless Headphones with their charging stand.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 2 x SIMOLIO SM-829D2 Wireless Headphones
- 1 x Transmitter / Charging Stand
- 1 x Optical Audio Cable
- 1 x RCA Audio Cable
- 1 x 3.5mm Audio Cable
- 2 x USB Charging Cables

- 1 x Power Adapter
- 1 x Spare Rechargeable Battery
- 1 x User Manual (this document)

Works with All TVs

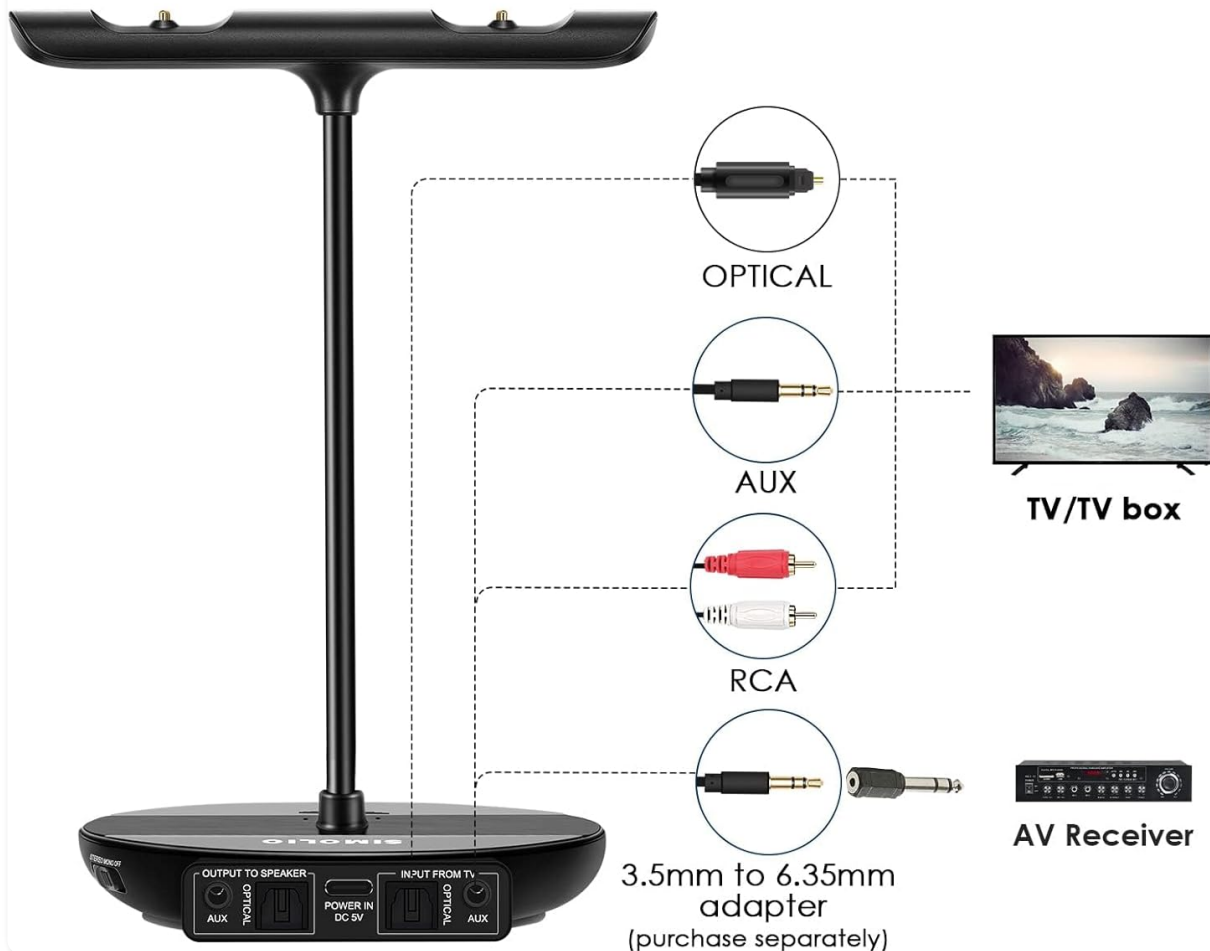


Image 2.1: All components included in the SIMOLIO SM-829D2 package.

3. INITIAL SETUP

3.1. Charging the Headphones

Before first use, fully charge both headphones and the spare battery. Place the headphones on the charging posts of the transmitter stand. Insert the spare battery into the designated slot on the stand. The charging indicator lights will show charging status.



Personalize TV Sound According to your Preferences

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

Image 3.1: Headphones and spare battery charging on the 2-in-1 stand.

3.2. Connecting the Transmitter to Your TV

The SIMOLIO SM-829D2 transmitter supports Optical, RCA, and 3.5mm AUX audio inputs. Choose the connection method compatible with your TV.

1. Optical Connection (Recommended for Digital Audio):

- Connect one end of the Optical cable to the **OPTICAL OUT** port on your TV.
- Connect the other end to the **OPTICAL IN** port on the SIMOLIO transmitter.
- On your TV's audio settings, set the Digital Audio Output format to **PCM**. (Refer to your TV manual for specific instructions).

2. RCA Connection (Analog Audio):

- Connect the red and white plugs of the RCA cable to the corresponding **AUDIO OUT (L/R)** ports on your TV.
- Connect the other end to the **RCA IN** ports on the SIMOLIO transmitter.

3. 3.5mm AUX Connection (Analog Audio):

- Connect one end of the 3.5mm audio cable to the **HEADPHONE OUT** or **AUDIO OUT** port on your TV.
- Connect the other end to the **AUX IN** port on the SIMOLIO transmitter.

Plug & Play No Need to Pair



30M (100FT)
working range



Image 3.2: Connection options for the SIMOLIO transmitter.

3.3. By-Pass Feature (Simultaneous Audio Output)

The transmitter includes a by-pass feature, allowing audio to be sent to both the headphones and an external sound system (soundbar or AV receiver) simultaneously. Connect your soundbar or AV receiver to the **OUTPUT TO SPEAKER** ports on the transmitter using the appropriate cable (Optical, RCA, or AUX).

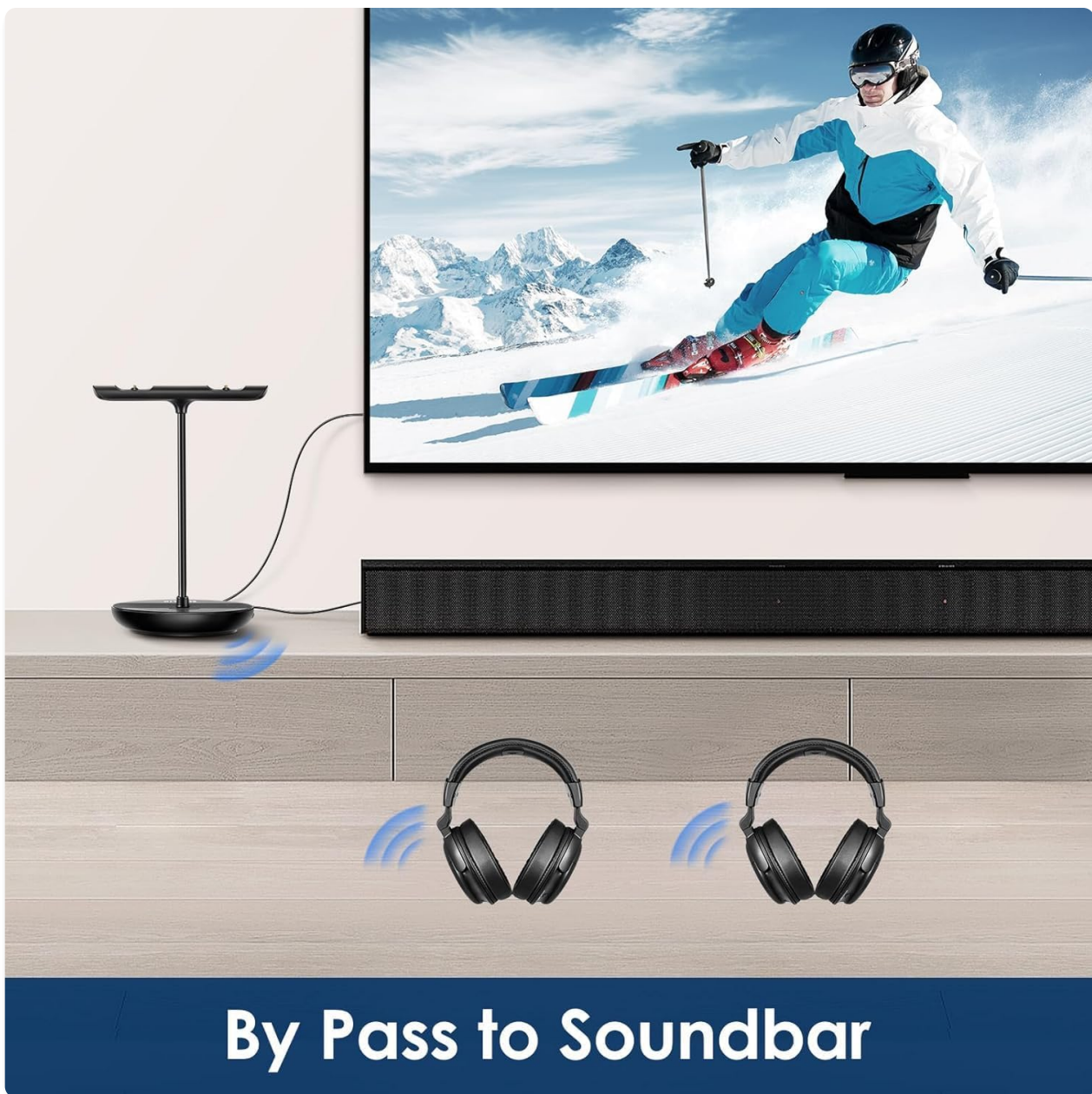


Image 3.3: Using the by-pass feature to output audio to both headphones and a soundbar.

3.4. Powering On and Automatic Connection

Once the transmitter is connected to your TV and powered on, turn on the headphones. The headphones and transmitter will automatically connect. No complex pairing process is required. The system operates on a 2.4GHz radio frequency, providing a working range of up to 30 meters (100 feet).

What's in the box :



Image 3.4: Plug & Play functionality with a 30-meter working range.

4. OPERATING INSTRUCTIONS

4.1. Adjusting Volume and Tone

Each headphone features independent volume controls. Use the volume buttons on the headphones to adjust the listening level to your preference. The transmitter also has a TONE adjustment switch with three presets (D+, D, S) to enhance dialogue clarity or provide a balanced sound experience.

- **D+ (Dialogue+):** Maximizes dialogue clarity, ideal for speech-heavy content.
- **D (Dialogue):** Enhances dialogue while maintaining a balanced sound.
- **S (Standard):** Provides a balanced audio profile for general listening.



Ultra-Easy Charging

Spare Battery for Extended Listening

Image 4.1: Personalize your TV sound with tone presets and individual volume control.

4.2. Balance Control

For users with different hearing levels in their left and right ears, the headphones offer a balance control feature. This allows you to adjust the audio output balance between the left and right earcups for a more comfortable and clear listening experience.

4.3. Ambient Sound Amplifier (MIC Button)

The MIC button on the headphones allows you to temporarily amplify ambient sounds, enabling you to hear your surroundings without removing the headphones. Press the MIC button to activate this feature and press it again to return to TV audio.

4.4. Dual Headset Usage

The SIMOLIO SM-829D2 system includes two headphones that can be used simultaneously with a single transmitter. This allows two individuals to enjoy TV audio at their preferred volume levels without disturbing others. The system ensures no lip-sync delay, providing synchronized audio with on-screen video.

No lip-sync delay



Dual Headphones

Share clear and easy-to-follow TV dialog with a partner

Image 4.2: Enjoying TV with dual headphones and no lip-sync delay.

5. CARE AND MAINTENANCE

- **Cleaning:** Wipe the headphones and transmitter with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the headphones on the charging stand to keep them charged and organized. Store in a cool, dry place away from direct sunlight.
- **Battery Care:** The built-in rechargeable batteries provide up to 12 hours of use. For optimal battery life, avoid fully discharging the batteries frequently. Always keep the spare battery charged in the stand.
- **Water Resistance:** The headphones are not water-resistant. Avoid exposure to liquids.

6. TROUBLESHOOTING

If you encounter issues with your SIMOLIO SM-829D2 headphones, please refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound from headphones	<ul style="list-style-type: none">• Transmitter not powered on.• Headphones not powered on or not charged.• Incorrect audio input selected on TV or transmitter.• TV audio output format incorrect (e.g., not PCM for Optical).• Cables not securely connected.	<ul style="list-style-type: none">• Ensure transmitter is plugged in and powered on.• Turn on headphones and check battery level; place on stand to charge.• Verify correct audio input source on TV and transmitter.• For Optical connection, set TV audio output to PCM.• Check all cable connections for security.
Sound is distorted or intermittent	<ul style="list-style-type: none">• Out of range.• Interference from other 2.4GHz devices.• Low headphone battery.	<ul style="list-style-type: none">• Move closer to the transmitter.• Move transmitter away from other wireless devices (Wi-Fi routers, cordless phones).• Charge the headphone battery.
Headphones not charging	<ul style="list-style-type: none">• Headphones not correctly seated on charging posts.• Charging stand not powered.	<ul style="list-style-type: none">• Ensure headphones are properly aligned on the charging posts.• Verify the power adapter is connected to the stand and a working power outlet.
Lip-sync delay	<ul style="list-style-type: none">• Rare, but can occur with certain TV processing.	<ul style="list-style-type: none">• The SM-829D2 is designed for zero delay. If experienced, check TV audio settings for any processing options that might introduce delay and disable them.

7. PRODUCT SPECIFICATIONS

Feature	Specification
Model Name	SM-829D2 Wireless Headphones for TV
Connectivity Technology	Wireless (RF 2.4 GHz)
Headphones Jack	3.5 mm Jack (for wired option, if applicable)

Feature	Specification
Compatible Devices	TVs, Soundbars
Control Type	Volume Control, Tone Control, Balance Control, Ambient Sound Amplifier
Charging Time	Approximately 12 Hours (for full charge)
Battery Average Life	Up to 12 Hours
Battery Type	Lithium Polymer (Rechargeable)
Material	Plastic
Ear Placement	Over Ear
Noise Control	Passive Sound Isolation
Special Features	Adjustable Headband, Multipoint Pairing (multiple headphones to one transmitter)
Microphone Format	Built-In (for ambient sound amplification)
Working Range	Up to 30 meters (100 feet)



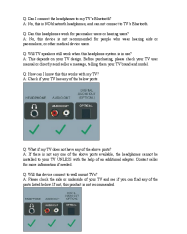

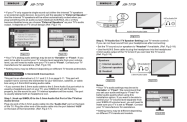

8. WARRANTY AND CUSTOMER SUPPORT

8.1. Warranty Information

SIMOLIO products are manufactured with high-quality materials and undergo rigorous quality control. This product is covered by a manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included in your package or visit the official SIMOLIO website for detailed warranty terms and conditions.

8.2. Customer Support

If you have any questions, require technical assistance, or experience issues not covered in this manual, please contact SIMOLIO customer support. Contact information can typically be found on the SIMOLIO website or on the product packaging. Please have your model number (SM-829D2) and purchase details ready when contacting support.

	<p>SIMOLIO SM-829D2 Plus Version Wireless TV Headphones User Manual</p> <p>Comprehensive user manual for the SIMOLIO SM-829D2 Plus Version Wireless TV Headphones, covering setup, connection, operation, troubleshooting, and technical specifications. Enjoy clear audio for your TV.</p>
	<p>SIMOLIO 2.4GHz Wireless TV Hearing Devices Quick Guide</p> <p>This guide provides step-by-step instructions for setting up and connecting SIMOLIO wireless TV headphones via Optical, RCA, or AUX connections. It includes essential tips for optimal audio performance and troubleshooting common issues.</p>
	<p>SIMOLIO SM-824D2 Wireless Headphones for TV - FAQ and Compatibility</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>
	<p>SIMOLIO SM-825D Pro Wireless TV Headphones User Manual</p> <p>User manual for the SIMOLIO SM-825D Pro 2.4GHz Wireless TV Headphones, providing setup instructions, features, troubleshooting, and technical specifications for enhanced TV audio and personal sound amplification.</p>
	<p>SIMOLIO JH-737D Wireless Audio System User Manual</p> <p>Comprehensive user manual for the SIMOLIO JH-737D wireless audio system, detailing setup, connection options (AUX, Optical, HDMI ARC, Soundbar, AV Receiver), and headphone pairing.</p>
	<p>Simolio SM-264D Dual Channel Infrared Audio Transmitter Manual</p> <p>Comprehensive user manual for the Simolio SM-264D Dual Channel Infrared Audio Transmitter, detailing setup, operation, features, and troubleshooting for car and home use.</p>