

## SIMOLIO SM-824D1

# SIMOLIO SM824D1 Digital Wireless TV Headphones User Manual

Model: SM-824D1

## INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your SIMOLIO SM824D1 Digital Wireless TV Headphones. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your listening experience.

The SIMOLIO SM824D1 system includes a wireless headset and a transmitter. It is designed to provide clear audio from your TV or other audio sources directly to your ears, featuring balance and tone controls for personalized sound, and a long-range 2.4GHz wireless connection.

## PACKAGE CONTENTS

Please verify that all items are present in your package:

- SIMOLIO SM824D1 Wireless Headset
- SIMOLIO SM824D1 Transmitter
- Audio Cables (Optical, RCA, 3.5mm)
- Power Adapter
- USB Charging Cable
- Extra Soft Ear Tips
- Decompression Hanger Loops
- English User Manual (this document)
- Spare Lithium-Ion Battery



**Extra Soft Ear Tips**

**Decompression Hanger Loops**

Image: Contents of the SIMOLIO SM824D1 package, showing the headset, transmitter, audio cables, power adapter, USB cable, extra ear tips, and hanger loops.

## SETUP

### 1. Powering the Transmitter

1. Connect the power adapter to the transmitter's 'Power In' port.
2. Plug the power adapter into a wall outlet.

### 2. Connecting to Your TV/Audio Source

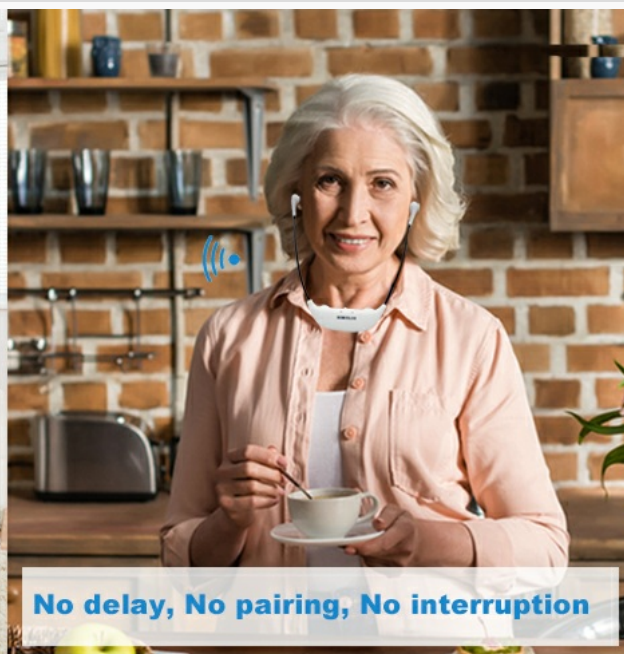
The SIMOLIO SM824D1 supports Digital Optical, RCA, and 3.5mm audio outputs. Choose the appropriate cable based on your TV or audio source's available ports.

## Professional customized Hearing Protection wireless TV headsets with Hi-Tech

Model: SM-824D1



	watch TV quietly without disturbing family	protecting hearing
SIMOLIO wireless TV Headset	✓	✓
Normal wireless TV headset	✓	✗



### Long Range

### ■ Hear Your TV ■ anywhere at home

Image: Compatibility chart for TV audio outputs (Digital Optical, 3.5mm, RCA) with SIMOLIO models.

- **Digital Optical Connection:** Use the optical cable. Connect one end to your TV's 'Digital Optical Audio Out' port and the other end to the 'OPTICAL IN' port on the transmitter. **Important:** For optical connections, you MUST set your TV's audio output format to PCM. Refer to your TV's settings menu.
- **RCA Connection:** Use the RCA audio cable (red and white plugs). Connect the red plug to the TV's 'Audio Out R' and the white plug to 'Audio Out L'. Connect the other end to the 'AUDIO IN' port on the transmitter.
- **3.5mm Audio Connection:** Use the 3.5mm audio cable. Connect one end to your TV's headphone jack or 'Audio Out' port and the other end to the 'AUDIO IN' port on the transmitter.

Only one audio cable connection is required. For TVs with only coaxial or HDMI ARC ports, an additional audio converter/extractor may be needed (not included).



Image: Rear view of the transmitter, highlighting the input ports and audio mode switches.

### 3. Charging the Headset

The headset uses a rechargeable Lithium-Ion battery. A spare battery is also included and can be charged in the transmitter.

1. Ensure the transmitter is powered on.
2. To charge the headset, place it into the charging slots on the transmitter. Ensure the front of the headset faces the front of the transmitter.
3. To charge the spare battery, open the charging compartment on the transmitter and insert the battery.
4. Charging typically takes about 3 hours. The indicator light on the headset will show charging status.

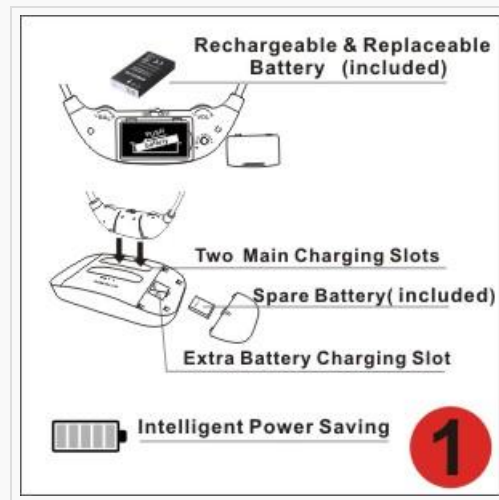


Image: Instructions for charging the headset and spare battery using the transmitter.

## OPERATING INSTRUCTIONS

### Headset Controls

### Flexible & Adjustable



### Mount & Use the Decompression Hanger Loops

### Durable & Unbreakable



Image: Overview of the headset's controls and features.

- **Power ON/OFF:** Slide the switch to turn the headset on or off.
- **Volume Control:** Use the 'VOL' dial to adjust the listening volume.
- **Balance Control:** Use the 'BAL' dial to adjust the volume balance between the left and right ears. This is useful for individuals with different hearing sensitivities in each ear.
- **Personal Sound Amplifier Button:** Press this button to activate the ambient sound listener function, allowing you to hear nearby conversations without removing the headset. The indicator light will turn red when active.

## Transmitter Controls

- **OFF/MONO/STEREO Switch:** Select 'STEREO' for Hi-Fi sound quality or 'MONO' for clearer TV dialogue, especially beneficial for speech clarity.
- **TONE Selector (TREBLE/NORMAL/BASS):** Adjust the audio tone to your preference. 'TREBLE' enhances high frequencies, 'BASS' enhances low frequencies, and 'NORMAL' provides a balanced sound.

## Wearing the Headset

The headset features flexible and adjustable arms with memory stainless steel strips for a comfortable fit. Super-soft memory foam eartips and decompression hanger loops are included for enhanced comfort.



Image: Visual guide on adjusting the headset for comfort and using the hanger loops.

## MAINTENANCE

### Battery Care

- Always fully charge the battery before first use.
- When not in use, store the headset on the transmitter to keep it charged.
- The included spare battery can be swapped out for continuous use.

### Cleaning

- Wipe the headset and transmitter with a soft, dry cloth.
- The ear-tips feature an anti-dust mesh. Clean gently if dust accumulates.
- Avoid using harsh chemicals or abrasive cleaners.

### Storage

- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or low volume	<ul style="list-style-type: none"><li>• Incorrect audio connection.</li><li>• TV audio format not set to PCM (for optical).</li><li>• TV/cable box volume too low.</li><li>• Headset volume too low.</li><li>• Headset not powered on or battery low.</li></ul>	<ul style="list-style-type: none"><li>• Verify audio cable connection to the correct 'Audio Out' port.</li><li>• Ensure TV audio output is set to PCM for optical connection.</li><li>• Increase TV/cable box volume to at least 40%.</li><li>• Adjust headset volume using the 'VOL' dial.</li><li>• Turn on headset and ensure it is charged.</li></ul>

Problem	Possible Cause	Solution
Sound distortion or static	<ul style="list-style-type: none"> <li>Weak audio signal from source.</li> <li>Interference from other 2.4GHz devices.</li> <li>Headset too far from transmitter.</li> </ul>	<ul style="list-style-type: none"> <li>Increase the volume of the audio source (TV/cable box).</li> <li>Move the transmitter away from other wireless devices.</li> <li>Ensure headset is within the operational range of the transmitter.</li> </ul>
Headset not charging	<ul style="list-style-type: none"> <li>Headset not properly seated in charging slots.</li> <li>Transmitter not powered on.</li> <li>Faulty battery.</li> </ul>	<ul style="list-style-type: none"> <li>Reseat the headset firmly in the charging slots.</li> <li>Ensure the transmitter is connected to power and turned on.</li> <li>Try using the spare battery. If the issue persists, contact support.</li> </ul>

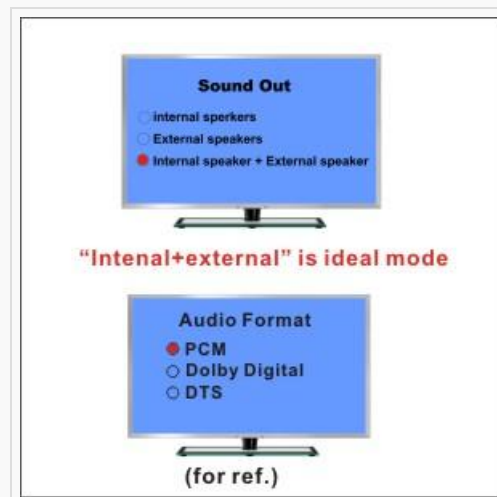


Image: Recommended TV audio settings for optimal performance.



Image: Guidance on optimizing audio signal strength from TV and cable box.

## SPECIFICATIONS

- **Model Name:** SM-824D1
- **Connectivity Technology:** Wireless (RF)
- **Wireless Communication Technology:** RF (2.4GHz)
- **Headphones Jack:** 3.5 mm Jack (for input to transmitter)
- **Compatible Devices:** TVs with Digital Optical, RCA, or 3.5mm Audio Outputs
- **Control Type:** Button Control, Push Button, Dial
- **Charging Time:** Approximately 3 Hours
- **Battery Life:** Up to 6 Hours (depending on usage)
- **Item Weight:** 0.54 Kilograms (headset and transmitter)
- **Material:** Plastic
- **Noise Control Features:** Noise Cancellation
- **Special Feature:** Microphone Included (for ambient sound amplification)
- **Manufacturer:** Simolio

Safety Information

Warning:

- These RF products are not recommended for individuals with pacemakers. Please consult your physician before use if you have a pacemaker.
- Avoid prolonged listening at high volumes to prevent hearing damage.

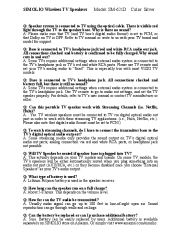
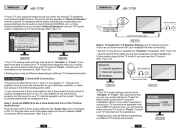
Warranty and Support




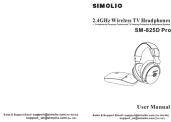
For warranty information or technical assistance, please refer to the warranty card included with your product or visit the official SIMOLIO website. You may also contact SIMOLIO customer support directly via the contact information provided on their website or in your product documentation.

For connectivity questions, you can send a picture of your TV's jack panel to support@simolio.com for confirmation.

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Related Documents - SM-824D1

	<p><a href="#">SIMOLIO SM-621D Wireless TV Speakers: Frequently Asked Questions</a></p> <p>Get answers to common questions about SIMOLIO SM-621D wireless TV speakers, covering setup, connectivity, sound issues, battery, and transmission range.</p>
	<p><a href="#">SIMOLIO JH-737D Wireless Audio System User Manual</a></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><a href="#">SIMOLIO JH-737D Wireless Headphones User Manual</a></p> <p>User manual for SIMOLIO JH-737D Wireless Headphones, providing detailed instructions on setup, operation, safety, and troubleshooting. Includes product diagrams, package contents, button functions, and LED indicators.</p>
	<p><a href="#">Simolio SM-902/903 Hearing Protection Kids Headphones User Manual</a></p> <p>Comprehensive user guide for Simolio SM-902/903 headphones, covering setup, features like volume limiting and sharing port, safety guidelines, and warranty information for children's audio enjoyment.</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>
	<p><a href="#">SIMOLIO SM-825D Pro Wireless TV Headphones User Manual</a></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>