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## SIMOLIO SM-823 Pro

# SIMOLIO 2.4G Wireless TV Headsets User Manual

Model: SM-823 Pro

## PRODUCT OVERVIEW

The SIMOLIO 2.4G Wireless TV Headsets are designed to provide clear and comfortable audio for television viewing, especially for seniors and the elderly. Utilizing advanced 2.4GHz FHSS technology, these headsets offer a stable, delay-free audio experience with extended range, allowing users to move freely around their home without losing connection. The system includes features for personalized sound adjustment and a personal sound amplifier function for enhanced communication.



Figure 1: SIMOLIO 2.4G Wireless TV Headsets with charging base.

## WHAT'S IN THE BOX

Your SIMOLIO 2.4G Wireless TV Headsets package includes the following components:

- One Set of Headsets
- Transmitter
- AC Power Adapter
- RCA Audio Cable, 3.5mm AUX Audio Cable
- User Instruction Manual, Quick Guide

## SETUP INSTRUCTIONS

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Before setting up your SIMOLIO Wireless TV Headsets, please ensure your television or audio source has compatible audio output ports. These headsets are designed to work with TVs/TV boxes equipped with RCA or 3.5mm AUX Audio Outputs.

### 1. Check Audio Output Compatibility

Verify that your TV or audio source has the necessary audio output ports. The system supports RCA (red/white) jacks labeled "AUDIO OUT" or "OUTPUT" or "AV OUT", and 3.5mm AUX Audio Out. Digital optical, digital coaxial, and HDMI (ARC) audio outputs are not directly supported by this model.

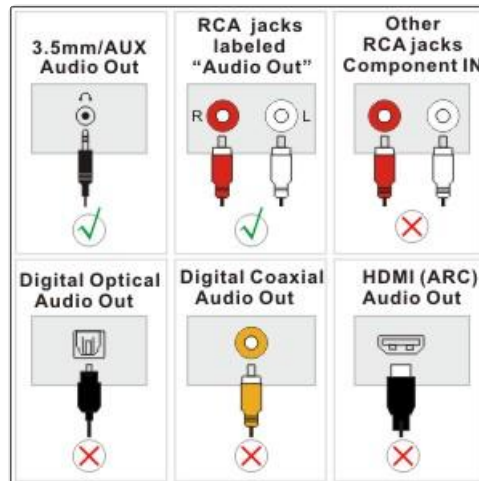


Figure 2: Compatible (3.5mm AUX, RCA Audio Out) and Incompatible (Digital Optical, Digital Coaxial, HDMI ARC) Audio Output Ports.

**Note:** If your TV only has a digital optical audio output, you will need an additional adapter (e.g., SIMOLIO SM-DAC01) or consider a digital model headset (e.g., SM-823D Pro/SM-824D1/SM-825D Pro).

### 2. Connect the Transmitter

1. Connect one end of the provided RCA or 3.5mm AUX audio cable to the corresponding "AUDIO OUT" port on your TV or audio source.
2. Connect the other end of the audio cable to the input port on the SIMOLIO transmitter.
3. Plug the AC Power Adapter into the transmitter's power input and then into a wall outlet. The transmitter's indicator light should illuminate, indicating it is powered on.

### 3. Adjust TV Sound Output Settings (if necessary)

Some TVs require adjustment of their audio output settings to allow sound to be simultaneously played through both the TV speakers and an external device like the headset. Consult your TV's manual for specific instructions on how to enable "Internal speaker + External speaker" or "Headset" output mode.

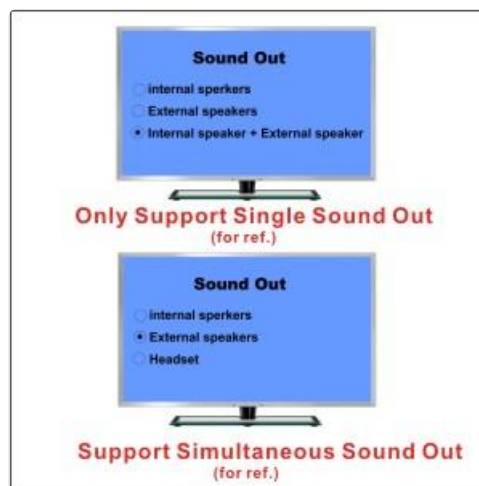


Figure 3: Example of TV Sound Output Settings. Look for options that allow simultaneous output to internal speakers and external devices.

## OPERATING INSTRUCTIONS

### 1. Powering On and Initial Use

Once the transmitter is connected and powered, simply turn on the headset. The 2.4GHz automatic FHSS technology ensures instant connection without the need for manual pairing. You can walk around your home with the headset, as the strong signal can penetrate ceilings and walls, offering an effective range of up to 100 feet.

**Professional customized  
Hearing Protection  
wireless TV headsets with Hi-Tech**  
Model: SM-823 Pro

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

**No delay, No pairing, No interruption**

**(((• Long Range - Up to 100ft/30M •)))**

**■ Hear Your TV ■  
anywhere at home**

Figure 4: The 2.4GHz FHSS technology provides a long-range, stable connection without delays or interruptions.

### 2. Customizing Your Sound Experience

The SIMOLIO headsets offer several controls to tailor the audio to your personal preferences and hearing needs:

- **Volume Control:** Adjust the overall listening volume using the dedicated volume knob on the headset.
- **Balance Control:** The balance control allows you to adjust the volume independently for the left and right ears, ensuring balanced sound if you have different hearing sensitivities in each ear.

- **TONE Selection:** Choose between Treble, Normal, or Bass tones to optimize clarity for different audio content, such as dialogue or music.
- **MONO/STEREO Option:** Switch to STEREO for high-fidelity music listening or select MONO for clearer TV dialogue, especially beneficial for speech clarity.



Figure 5: Headset controls for volume and left/right balance.

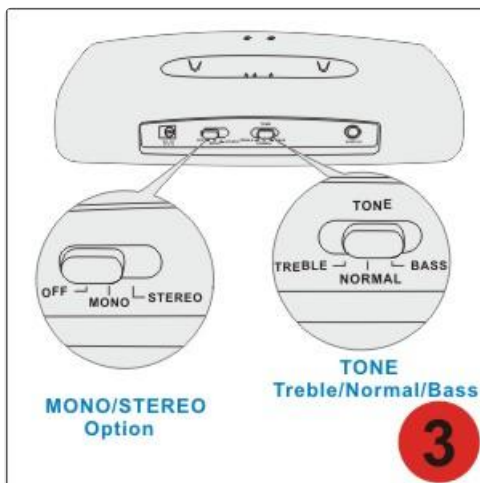


Figure 6: Transmitter controls for MONO/STEREO and TONE adjustments.

**Optimizing Audio Levels:** For the best sound quality, ensure the audio source signal is strong. It is recommended to set the cable box/STB volume above 40% and the TV volume above 30%. You can mute the TV speakers using your TV remote control if you only wish to hear sound through the headset.

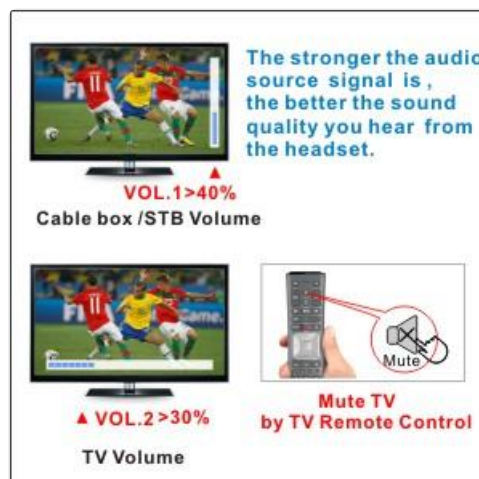


Figure 7: Recommended audio level settings for optimal headset performance.



### 3. Personal Sound Amplifier Function

The headset includes a personal sound amplifier mode. This feature allows you to hear nearby conversations without removing the headset. Simply activate the personal sound amplifier button (often labeled "MIC ON/OFF") on the headset. The indicator light will typically turn red when this function is active.



Figure 8: Using the personal sound amplifier function to hear surrounding sounds.

## CHARGING AND BATTERY

The headset features a rechargeable and replaceable Li-battery. A full charge provides approximately 5-7 hours of continuous use, depending on volume settings and usage conditions.

### Charging the Headset:

To charge the headset, simply place it onto the transmitter's charging cradle. Ensure the headset is correctly aligned with the charging pins. The charging indicator light on the transmitter will show the charging status. It is recommended to place the headset on the charging cradle when not in use for short periods or during longer breaks to maintain battery life.

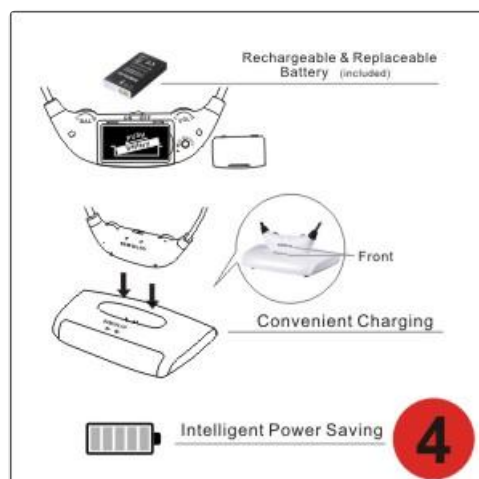


Figure 9: Convenient charging by placing the headset on the transmitter base.

## MAINTENANCE

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To ensure the longevity and optimal performance of your SIMOLIO Wireless TV Headsets, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the headset and transmitter. Do not use abrasive cleaners or solvents.
- **Ear-tips:** The headset features super-soft and body-heat activated memory foam ear-tips. Regularly inspect them for wear and tear. Replacement ear-tips are available if needed.
- **Storage:** When not in use, store the headset on its charging base or in a cool, dry place away from direct sunlight and extreme temperatures.
- **Durability:** The headset incorporates "memory stainless steel strips" for durability and flexibility. While designed to be robust, avoid excessive bending or twisting that could damage the internal components.



Figure 10: Headset design features for comfort and durability, including memory foam ear-tips and flexible arms.

## TROUBLESHOOTING

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If you encounter issues with your SIMOLIO Wireless TV Headsets, please refer to the following common solutions:

- **No Sound or Intermittent Sound:**
  - Ensure all cables are securely connected between the TV/audio source and the transmitter.
  - Verify that the transmitter is powered on and its indicator light is active.
  - Check your TV's audio output settings to ensure sound is being sent to external devices (refer to "Adjust TV Sound Output Settings" section).
  - Increase the volume on both the TV/audio source and the headset.
  - Confirm that the headset battery is charged.
- **Poor Sound Quality (Distortion, Muffled Sound):**
  - Adjust the TONE setting (Treble/Normal/Bass) on the transmitter to find the optimal clarity for your content.
  - Ensure the MONO/STEREO setting is appropriate for your listening (MONO for dialogue clarity, STEREO for music).
  - Check the audio input level from your TV/audio source. A stronger input signal (e.g., TV volume above 30%, cable box volume above 40%) generally results in better sound quality.
  - Ensure the ear-tips are properly seated in your ears for optimal noise isolation.

- **Headset Discomfort:**

- The headset arms are made with "memory stainless steel strips" and can be gently adjusted for a more comfortable fit.
- Ensure the super-soft memory foam ear-tips are correctly positioned.
- If you experience significant discomfort due to the under-chin headset design (weight: 2.04 oz), consider alternative SIMOLIO models such as neckband in-ear headsets (SM-828D1/SM-828D2) or over-ear wireless TV headphones (SM-825D Pro or SM-829D).

If you continue to experience problems, please contact SIMOLIO customer support for assistance.

## SPECIFICATIONS

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Feature	Detail
Model Name	SM-823 Pro
Connectivity Technology	Wireless RF (2.4G FHSS)
Headphones Jack	3.5 mm Jack
Compatible Devices	Television (with RCA/3.5mm AUX Audio Out)
Battery Life	5-7 Hours (approx.)
Item Weight	2.05 ounces (58 Grams)
Product Dimensions	8.7 x 7.3 x 2.4 inches
Material	Stainless Steel (for flexible arms)
Special Features	2.4 GHz Wireless, Plug and Charge, Independent Volume Control, Left/Right Ear Audio Balance Control, Stereo/Mono optional, Voice Clarity and Tone Adjustments, Personal Sound Amplifier

## IMPORTANT SAFETY INFORMATION

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Please read and understand all safety information before using this product.

- **Pacemaker Warning:** These RF products are not recommended for individuals with pacemakers. Please consult your physician before using if you have a pacemaker.
- **Hearing Protection:** Avoid listening at excessively high volumes for prolonged periods to prevent hearing damage.
- **Children:** Keep out of reach of small children. Small parts may pose a choking hazard.
- **Heat and Moisture:** Do not expose the device to extreme temperatures, direct sunlight, or excessive moisture.

## WARRANTY AND SUPPORT


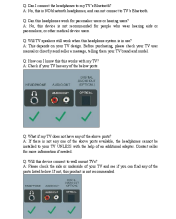



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For warranty information, technical support, or any questions regarding your SIMOLIO Wireless TV Headsets, please refer to the contact details provided in the included User Instruction Manual or visit the official SIMOLIO website. You can also reach out to SIMOLIO customer service through the platform where you purchased the product.


For additional resources and product information, visit theSIMOLIO Store on Amazon.

A PDF version of the User Guide is also available for download:User Guide (PDF).

Related Documents - SM-823 Pro

	<p><a href="#">SIMOLIO 2.4GHz Wireless TV Hearing Devices Quick Guide</a></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><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-824D1 SM-824D2 2.4GHz Wireless TV Headsets User Manual</a></p> <p>Comprehensive user manual for SIMOLIO SM-824D1 and SM-824D2 2.4GHz Wireless TV Headsets, offering crystal-clear audio, hearing protection, and assistance. Learn about features like voice highlighting, noise cancellation, balance control, multiple charging solutions, and detailed setup instructions for various TV audio outputs (Optical, RCA, 3.5mm AUX).</p>
	<p><a href="#">SIMOLIO SM-824D1 SM-824D2 2.4GHz Wireless TV Headsets User Manual</a></p> <p>Comprehensive user manual for SIMOLIO SM-824D1 and SM-824D2 2.4GHz Wireless TV Headsets, offering crystal-clear audio, hearing protection, and assistance. Learn about features like voice highlighting, noise cancellation, balance control, multiple charging solutions, and detailed setup instructions for various TV audio outputs (Optical, RCA, 3.5mm AUX).</p>
	<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>





## SIMOLIO SM-825D Pro Wireless TV Headphones User Manual

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.

## Documents - SIMOLIO – SM-823 Pro



## [pdf] User Manual Guide Diagram

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2.4GHz Wireless TV Headsets SM-823 Pro Sales Support Email: support simolio.com for NA/AU support\_uk simolio.com for UK User Manual Sales Support Email: support simolio.com for NA/AU support\_uk simolio.com for UK SM-823 Pro Thank you for choosing the SIMOLIO SM-823 Pro Wireless TV He...

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## [pdf] User Manual Diagram

SM 823 PRO manual 20200721 xxx Pro Die SIMOLIO Wireless TV Kopfhörer mit Gehörschutz und Gehörunterstützung sind genau das richtige für Sie Mit der modernsten 2 4GHz digitalen und B11roKZd2eS m media amazon images I |||

2.4GHz Wireless TV Kopfhörer - Professionelles Angepasstes TV Hrschutz- und Assitenz-System SM-823 Pro Email der Verkaufsuntersttzung : support\_eu simolio.com fr Deutschland Benutzerhandbuch Email der Verkaufsuntersttzung : support\_eu simolio.com fr Deutschland SM-823 Pro Wir bedanken uns, da...

lang:de **score:41** filesize: 3.1 M page\_count: 10 document date: 2020-07-21



## SIMOLIO Wireless Headphones Maximum Permissible Exposure (MPE) Report

This document details the Maximum Permissible Exposure (MPE) report for SIMOLIO wireless headphones, including models SM-824D2, SM-824D1, SM-824RX, and others. It outlines general product information, technical characteristics, FCC standards, and MPE calculation results to ensure compliance with RF exposure limits.

lang:en **score:25** filesize: 35.39 K page\_count: 3 document date: 2021-03-30



## FCC Test Report for Simolio Wireless Headphones SM-824D2

This FCC Test Report details the compliance testing of Simolio Wireless Headphones, model SM-824D2, and its variants. It covers various radio frequency parameters including power spectral density, DTS bandwidth, RF output power, field strength of spurious emissions, and conducted emissions, ensuring adherence to FCC Part 15.247 and ANSI C63.10-2013 standards. The report confirms the product's compliance with all applicable regulations.

lang:en **score:20** filesize: 1.75 M page\_count: 41 document date: 2021-03-31

