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## SIMOLIO SM-829D2

# SIMOLIO SM-829D2 Dual Wireless Headphones Instruction Manual

Brand: SIMOLIO | Model: SM-829D2

## PRODUCT OVERVIEW

The SIMOLIO SM-829D2 Dual Wireless Headphones are designed for TV watching, offering outstanding voice clarity and a powerful 2.4GHz RF signal for a 100FT range. This set includes two headsets, a transmitter, charging stand, and a spare battery, providing a comprehensive solution for shared listening without disturbing others. Key features include dialog clarifying technology, tone and balance control, and a bypass function for simultaneous audio output to a soundbar.



Image: The SIMOLIO SM-829D2 Dual Wireless Headphones set, featuring two black over-ear headphones on a sleek charging stand.

## WHAT'S IN THE Box

Your SIMOLIO SM-829D2 package includes the following components:

- 2.4G Transmitter (integrated with charging stand)
- 2.4G Headphones (x2)
- Digital Optical Cable

- RCA Cable
- AUX Cable
- Power Adapter for USA
- Headphones Charging Cable
- English User Manual & Quick Guide

**Plug & Play  
No Need to Pair**



**30M (100FT)**

working range



Image: All components included in the SIMOLIO SM-829D2 package, neatly laid out.

## SETUP GUIDE

Follow these steps to set up your SIMOLIO SM-829D2 headphones for optimal performance.

### 1. Powering the Transmitter

1. Connect the provided Power Adapter to the "POWER IN DC 5V" port on the back of the transmitter base.
2. Plug the Power Adapter into a wall outlet.
3. Alternatively, you can plug the transmitter into your TV's USB port for power using the USB charging

cable.



Image: The transmitter base connected to a power source via the included adapter.

## 2. Connecting to Your TV

The SIMOLIO SM-829D2 offers multiple connection options to your TV. Choose the method that best suits your TV's available audio output ports.

- **Optical Connection (Recommended):** Use the Digital Optical Cable to connect your TV's "OPTICAL AUDIO OUT" port to the "INPUT FROM TV - OPTICAL" port on the transmitter.
- **AUX (3.5mm) Connection:** Use the AUX Cable to connect your TV's 3.5mm headphone jack or audio out port to the "INPUT FROM TV - AUX" port on the transmitter.
- **RCA Connection:** Use the RCA Cable to connect your TV's RCA audio output ports (red and white) to the "INPUT FROM TV - AUX" port on the transmitter (using the included 3.5mm to RCA adapter).



## Personalize TV Sound According to your Preferences

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

Image: Diagram illustrating various connection methods for the SIMOLIO SM-829D2 transmitter to different TV audio output ports (Optical, AUX, RCA).

### 3. Initial Headphone Power On & Auto-Connect

1. Ensure the transmitter is powered on (green LED indicator).
2. Slide the "ON/OFF" switch on each headphone to the "ON" position.
3. The headphones will automatically connect to the transmitter. No manual pairing is required.

# Works with All TVs

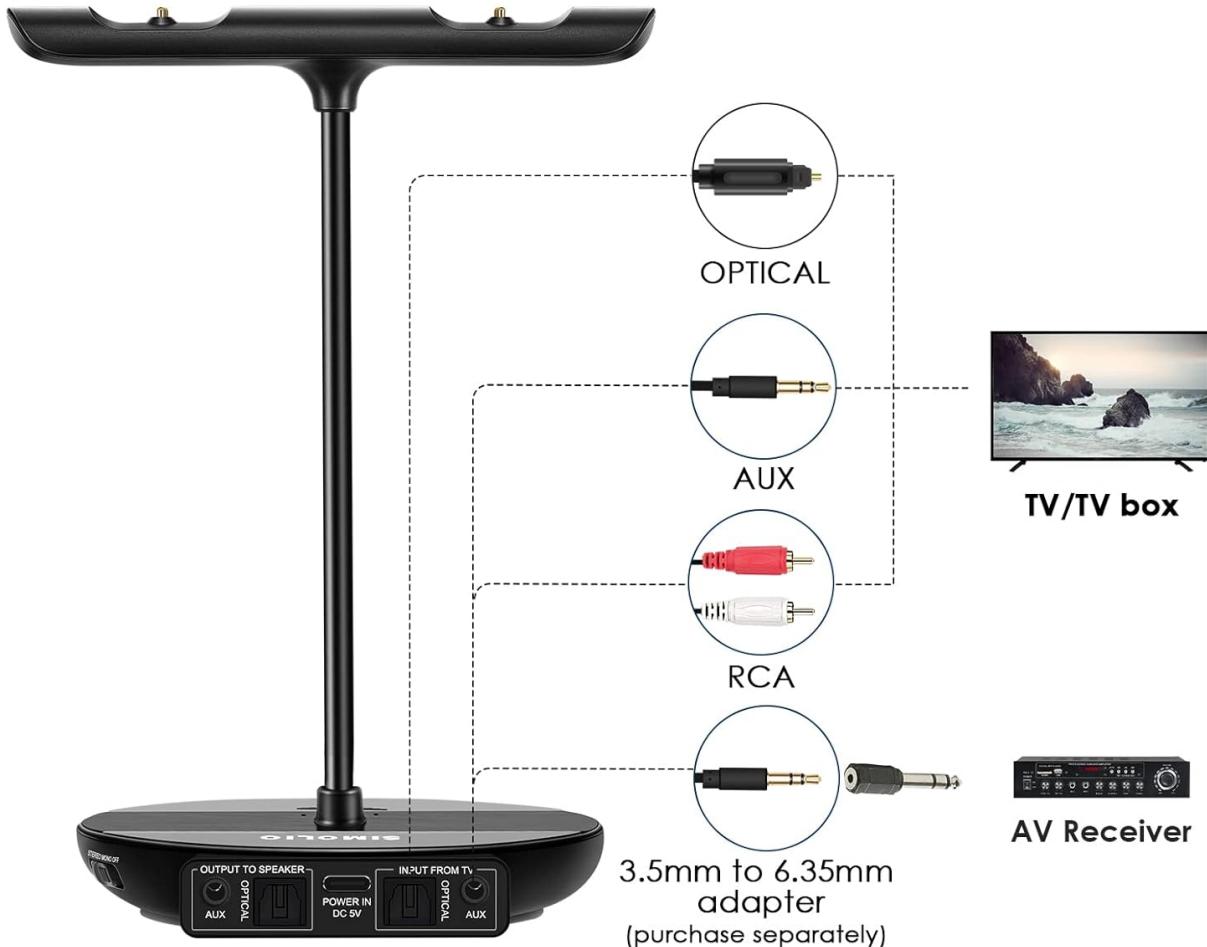


Image: The headphones and transmitter illustrating the 100FT working range and automatic connection.

## 4. Bypass Function for Soundbar/AVR

The innovative bypass feature allows the headphones to work simultaneously with your existing soundbar or stereo AV Receiver, sharing the same audio output port on your TV. This means you can hear the TV at your own volume through the headphones while others hear directly through the sound system.

1. Connect your TV's audio output to the "INPUT FROM TV" port on the transmitter (e.g., Optical).
2. Connect the "OUTPUT TO SPEAKER" port on the transmitter (e.g., Optical) to your soundbar or AV Receiver's audio input.



## Ultra-Easy Charging Spare Battery for Extended Listening

Image: Diagram showing the bypass function, allowing audio to be sent to both the headphones and an external soundbar from the TV.

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Video: A demonstration on how to use the bypass function of SIMOLIO SM-829D2 Headphones to share audio with a soundbar.

## OPERATING INSTRUCTIONS

### 1. Volume Control

Each headphone features an independent volume control wheel located on the earcup. Adjust the volume to your preferred listening level.

### 2. Tone Adjustment

The transmitter base provides three tone adjustment options to customize your listening experience:

- **D+ (Clear Dialog Plus):** Enhances dialog clarity for speech-heavy content.

- **D (Clear Dialog):** Provides clear and natural voice reproduction.
- **S (Standard):** Default audio profile for general listening.



Image: Visual representation of the enhanced voice clarity feature with D+, D, and S tone presets.

### 3. Balance Control

For users with different hearing levels in their left and right ears, the balance control allows you to adjust the audio output to each earcup independently, ensuring a balanced listening experience.



Image: A user adjusting the left-right balance control on the headphone for personalized hearing.

### 4. MIC Button (Ambient Sound Amplifier)

The MIC button on the headphone allows you to temporarily pick up and amplify ambient sounds from your surroundings. This is useful for hearing conversations or important announcements without needing to remove your headphones.



Image: A couple watching TV with headphones, demonstrating the MIC ON function to hear ambient sounds.

## MAINTENANCE

### 1. Charging the Headphones

The headphones can be charged using the charging stand or directly via a USB-C cable.

- **Using the Charging Stand:** Place the headphones onto the charging stand. The red LED indicator on the base will light up to confirm charging.
- **Direct USB-C Charging:** Connect the headphones directly to a USB power source using the provided

USB charging cable.



Image: The SIMOLIO SM-829D2 headphones resting on the charging stand, indicating charging status.

## 2. Battery Replacement

The SM-829D2 comes with a built-in rechargeable and replaceable battery. A spare battery is always charged in the base, ensuring uninterrupted TV enjoyment.

1. To replace the battery, open the battery compartment on the left earcup.
2. Remove the depleted battery and insert the fully charged spare battery from the charging base.
3. Place the depleted battery into the charging compartment on the base for recharging.



Image: The charging base with a spare battery compartment, ensuring continuous use.

## 3. Cleaning

To maintain the longevity and hygiene of your headphones, regularly wipe the earcups and headband with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.

## TROUBLESHOOTING

If you encounter any issues with your SIMOLIO SM-829D2 headphones, please refer to the following common solutions or contact support.

### No Sound Issues

One of the most common issues is no sound from the headphones. This is often related to TV audio settings. Ensure your TV's digital audio output is set to PCM (Pulse-Code Modulation) format, especially when using optical connection.

- **Check TV Sound Output Settings:** Navigate to your TV's sound settings and ensure the audio output is directed to the correct external device (Optical/Headset/External Speaker) and not just the TV speakers.
- **Set Digital Output to PCM:** For optical connections, verify that your TV's Digital Sound Output Format is set to PCM. Dolby Digital or other surround sound formats may not be compatible.

- **Power Cycle TV:** Unplug your TV from the power outlet for a few minutes, then plug it back in. This can resolve temporary audio glitches.

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Video: Guide on how to fix "No Sound" issues when connecting to Samsung TV's Optical output.

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Video: Guide on how to fix "No Sound" issues from Philips TV when connecting with Optical.

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Video: Guide on how to fix "No Sound" issues with LG TV Optical Out.

## SPECIFICATIONS

Feature	Specification
Brand	SIMOLIO
Model Name	SIMOLIO Dual Wireless Headphones for TV SM-829D2
Connectivity Technology	Wireless (RF - 2.4GHz)
Headphones Jack	3.5 mm Jack (for AUX sharing)
Noise Control	Sound Isolation
Battery Life	Up to 12 Hours
Charging Time	2 Hours
Working Range	Up to 100ft / 30m
Compatible Devices	Television (Optical, RCA, 3.5mm audio outputs)
Earpiece Shape	Over-Ear
Color	Black
Item Weight	3.1 pounds

## WARRANTY AND SUPPORT

SIMOLIO products are designed for quality and reliability. For specific warranty information and technical support, please refer to the warranty card included in your product packaging or visit the official SIMOLIO website.

For common questions and video tutorials, you may also visit the [SIMOLIO Store on Amazon](#).

