

SIMOLIO SM-825RX Pro

SIMOLIO SM-825RX Pro 2.4GHz Wireless TV Headphone Receiver Instruction Manual

Model: SM-825RX Pro

1. INTRODUCTION

This document provides comprehensive instructions for the SIMOLIO SM-825RX Pro 2.4GHz Wireless TV Headphone Receiver. This product is designed as a replacement or additional headphone receiver for existing SIMOLIO 2.4GHz wireless TV headphone and speaker systems. Please note that this package includes the headphone receiver only; a compatible SIMOLIO 2.4GHz transmitter (sold separately) is required for operation. The SM-825RX Pro is compatible with the following SIMOLIO 2.4GHz wireless TV headphone models: SM-823, SM-823 Pro, SM-823D, SM-823D Pro, SM-824D1, SM-824D2, SM-825D Pro, SM-8245, SM-828D1, SM-828D2, SM-829D1, SM-829D2. It is also compatible with SIMOLIO wireless TV speakers models SM-621D and SM-621.



Image 1.1: Front view of the SIMOLIO SM-825RX Pro Wireless TV Headphone Receiver.

2. SETUP

2.1 Charging the Headphone

Before initial use, fully charge the headphone receiver. Use the provided USB power cable to connect the headphone to a suitable USB power source. The built-in 500mAh rechargeable battery provides up to 10 hours of working time on a single charge. A full charge typically takes approximately 3 hours.

2.2 Initial Connection

The SM-825RX Pro headphone receiver is designed for automatic connection with a compatible SIMOLIO 2.4GHz wireless TV transmitter. Ensure your SIMOLIO 2.4GHz transmitter is powered on and properly connected to your audio source (e.g., TV). Once the headphone receiver is powered on, it will automatically establish a connection with the transmitter. This system does not use Bluetooth; it operates on a dedicated 2.4GHz wireless frequency.

2.3 Adjusting for Comfort

The headphones feature an adjustable headband and soft-padded protein earmuffs for comfort during extended

use. Adjust the headband to fit your head size. The earmuffs are designed for noise isolation, reducing external sounds.



Image 2.1: Side view of the headphone receiver, illustrating the adjustable headband with 12 levels.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

Locate the power switch on the headphone receiver. Slide the switch to the 'ON' position to power on the device. Slide it to the 'OFF' position to power it off.

3.2 Volume Control

Adjust the listening volume using the volume control located on the headphone receiver. Rotate the control to increase or decrease the audio output to your preferred level.

3.3 Balance Control

The headphone receiver includes a balance control feature, allowing independent volume adjustment for the right and left ears. This helps users achieve balanced audio perception, especially beneficial for individuals with varying hearing capabilities in each ear.



Image 3.1: Detail of the balance control for left/right volume adjustment.

3.4 Personal Sound Amplifier Function (MIC Button)

A built-in microphone button activates a personal sound amplifier function. Pressing this button allows temporary amplification of nearby voices, enabling conversation without removing the headphones. This feature is particularly useful for individuals with hearing impairment.



Image 3.2: Location of the MIC ON/OFF button for the personal sound amplifier function.

3.5 Audio Share Function

The headphone receiver features a share port on the right side. Connect another headphone (with a 3.5mm audio jack) to this port to share the audio output with another person, allowing two users to listen simultaneously from the

same source.



Image 3.3: Illustration of the audio share port for connecting a second headphone.

4. MAINTENANCE

4.1 Cleaning

To maintain the headphone's condition, wipe the surfaces with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these can damage the finish. Do not immerse the headphones in water.

4.2 Storage

When not in use, store the headphones in a cool, dry place away from direct sunlight and extreme temperatures. The headphones feature a foldable design for compact storage.



Image 4.1: The headphone receiver shown in its folded configuration for storage.

4.3 Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Recharge the headphones when the battery level is low. If the headphones will not be used for an extended period, charge them periodically to prevent deep discharge.

5. TROUBLESHOOTING

If you encounter issues with your SIMOLIO SM-825RX Pro headphone receiver, please refer to the following common troubleshooting steps:

- **No Audio / No Connection:**

- Ensure the headphone receiver is fully charged.
- Verify that your SIMOLIO 2.4GHz transmitter is powered on and correctly connected to your audio source.
- Confirm that the headphone receiver is within the operational range of the transmitter.
- Remember, this system uses 2.4GHz wireless technology, not Bluetooth. Ensure you are using it with a

compatible SIMOLIO 2.4GHz TV headphone & transmitter system.

- **Charging Issues:**
 - Ensure the USB charging cable is securely connected to both the headphone and the power source.
 - Try using a different USB port or power adapter to rule out issues with the power source.
 - If the battery does not hold a charge after prolonged use, it may indicate battery degradation.
- **Distorted Audio:**
 - Check the volume levels on both the headphone receiver and your audio source (e.g., TV).
 - Ensure there are no strong interference sources (like Wi-Fi routers, microwaves) too close to the transmitter or receiver.
 - Adjust the balance control if audio is uneven between ears.

If these steps do not resolve the issue, please contact SIMOLIO customer support for further assistance.

6. SPECIFICATIONS

Feature	Specification
Model Name	SM-825RX Pro
Brand	SIMOLIO
Connectivity Technology	Wireless (RF)
Headphones Jack	3.5 mm Jack (for audio share)
Ear Placement	Over Ear
Noise Control	Sound Isolation
Battery Life	Up to 10 Hours
Charging Time	Approximately 3 Hours
Battery Type	1 Lithium Ion battery (included)
Frequency Range	85 Hz - 20,000 Hz
Control Type	Volume Control, Balance Control, MIC ON/OFF
Special Features	Adjustable Headband, Volume Control, Personal Sound Amplifier, Audio Share Function
Material	Plastic
Item Weight	0.34 Kilograms (11.9 ounces)
Compatible Devices	Simolio's 2.4GHz Wireless TV Headphones and Wireless TV Speakers

7. WARRANTY AND SUPPORT

SIMOLIO is committed to providing high-quality audio products. For specific warranty information regarding your SM-825RX Pro headphone receiver, please refer to the documentation included with your original purchase or visit

the official SIMOLIO website. If you require technical assistance, have questions about product compatibility, or need to report a defect, please contact SIMOLIO customer support. Many customers have reported positive experiences with SIMOLIO's customer service.

You may also consider purchasing extended protection plans for your product, which are available separately and offer additional coverage beyond the standard manufacturer's warranty.

Related Documents - SM-825RX Pro

	<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-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 SM-828D1/SM-828D2 Wireless TV Headphones User Manual and Guide</p> <p>Comprehensive user manual for SIMOLIO SM-828D1 and SM-828D2 wireless TV headphones, covering setup, features, product diagram, package contents, LED indicators, how to use, troubleshooting, limited warranty, technical specifications, and RF exposure information.</p>
	<p>SIMOLIO SM-824D1 SM-824D2 2.4GHz Wireless TV Headsets User Manual</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>SIMOLIO SM-824D1 SM-824D2 2.4GHz Wireless TV Headsets User Manual</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>SIMOLIO SM-824D1/SM-824D2 PRO 2.4GHz Wireless TV Headsets User Manual</p> <p>Comprehensive user manual for SIMOLIO SM-824D1/SM-824D2 PRO 2.4GHz Wireless TV Headsets. Learn about features, setup, troubleshooting, warranty, and technical specifications for enhanced TV audio.</p>

1.1 General Information

Applicant	Shenzhen Sinoflex Electronic Co., Ltd.
Address of applicant	78/B-1, Shouji, Qiyao Industrial Park, Gonglu Third Road, Xixiang Street, Xixiang Town, Shenzhen, Guangdong, China
Manufacturer	Shenzhen Sinoflex Electronic Co., Ltd.
Address of manufacturer	78/B-1, Shouji, Qiyao Industrial Park, Gonglu Third Road, Xixiang Street, Xixiang Town, Shenzhen, Guangdong, China
General Description of EUT:	
Product Name	Wireless headphones
Trade Name	SINOFLEX
Model No.	SIN-622E-Pro
Accessories	SIN-622E-Pro, SIN-622E, SIN-622S, SIN-622SR, SIN-622T, SIN-622L, SIN-622R, SIN-622LT, TWS, TWS-R,
Using Media(s)	Battery, DSD, TWS, SIN-622E-Pro, SIN-622E, SIN-622S, SIN-622SR, SIN-622T, SIN-622L, SIN-622R, TWS, TWS-R,
Power Rating	TBS, DSD, TWS, Pro, TWS Pro, TWS Pro, TWS
Road Vehicle	None
Radio Modem	Bluetooth
Power Adapter	Mobile Phone Charger
FCCID:	INPUT AC100-240V, 50/60Hz, 0.25A OUTPUT DC5V, 1000mA
Equipment Type	2-Wire VCO, Stereo Headset portable device
Technical Characteristics of EUT:	
Frequency Range	2400~2483.5MHz
RF Output Power	9 dBm (EIRP max)
Modulation	GFSK
Quantity of Channels	1
Channel Separation	20MHz
Type of Antenna	PIFA, Antenna
Antenna Gain	-2dBi

Microsoft Word RFExposure MPE Administrator RF Exposure Shenzhen Simolio Electronic Co Ltd SM
825DPRO Wireless headphones 2AYV2 2AYV2SM825DPRO sm 825dpro

Information Applicant: Address ... i Road, Xixiang, Baoan District, Shenzhen, Guangdong, China Wireless headphones SIMOLIO SM-825D Pro SM-825RX Pro, SM-825D, SM-825RX, SM-826D, SM-826RX, SM-826D Pro, SM-826RX Pro, SM-8245, SM-8245D, TA...

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Reference No.	WTQ1X103011232W-I
FCC ID	2A9Y2 SM-8250-Pro
Applicant	Shenzhen Simplo Electronic Co., Ltd
Address	7B5, 3 Block, Gyu Industrial Park, Gorg'e Tezsl Road, Xixiang, Baoan District, Shenzhen, Guangdong, China
Product Name	Wireless head/phones
Test Model	SM-8250 Pro
Standards	FCC Part 15.247
Date of Receipt sample	Feb.03, 2021
Date of Test	Feb.03, 2021 to Mar.24, 2021
Date of Issue	Mar.24, 2021
Test Result	Pass

Remarks:
The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

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Tested by:  Mike Shi / Project Engineer	Reviewed By:  Lion Cai / RF Manager	Approved & Authorized By:  Silin Chen / Manager
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Microsoft Word FCC Part 15 247 Administrator Test Report Shenzhen Simolio Electronic Co Ltd SM 825DPRO Wireless headphones 2AYV2 2AYV2SM825DPRO sm 825dpro

... capacity: Power Adapter: Software Version: Hardware Version: Wireless headphones
SIMOLIO SM-825D Pro SM-825RX Pro, SM-825D, SM-825RX, SM-826D, SM-
826RX, SM-826D Pro, SM-826RX Pro, SM-8245, SM-8245D, TA...

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