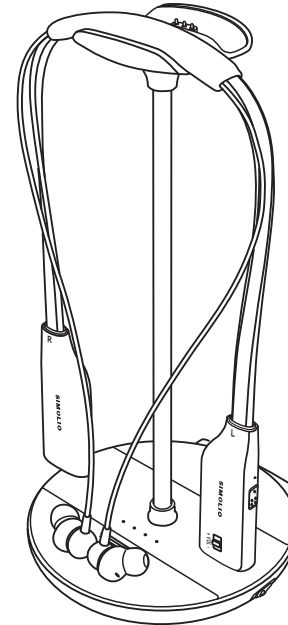


SIMOLIO

2.4GHz Wireless TV Earphones

— Professional Personal Customized TV Hearing Protection & Assistance System

**SM-828D1/
SM-828D2**



Support Email:
support@simolio.com (for US/CA/AU)
support_uk@simolio.com (for UK)

User Manual

Support Email:
support@simolio.com (for US/CA/AU)
support_uk@simolio.com (for UK)

Thank you for choosing the SIMOLIO SM-828D1 / SM-828D2 wireless TV earphone. Please read this guide carefully and keep it in a safe place for future reference. If you need any further assistance, please contact our customer support team at:

support@simolio.com (US/CA/AU)

support_uk@simolio.com (UK)

Response Time: 2-24h, excl. Holidays

www.simolio.com **www.amazon.com/simolio**

Table of Contents

Important Safety Instruction	01
Overview	02
Features	02
Product Diagram	04
Package Contents	05
LED Indication	05
How to Use	06
1. Check Your TV/Audio Source Output Options before the Set up	06
2. Turn on the Transmitter and Earphone	06
2.1 Power the Transmitter	07
2.2 Turn on the Transmitter	07
2.3 Turn on the Earphone	07
3. Connect the Transmitter to Your TV/Audio Source	07
3.1 Digital Optical Connection	07
3.2 RCA Analog Connection	09
3.3 3.5mm/AUX Analog Connection	10
3.4 Other Connections in Special Cases	12
4. Use Two Sets of SIMOLIO 2.4GHz Wireless TV Earphones Simultaneously in the Same House	15
5. Charge the Earphone	15
6. Customizing your SM-828D1 / SM-828D2	17
Troubleshooting	18
Limited Warranty	21
Technical Specifications	21

IMPORTANT SAFETY INSTRUCTIONS

1. Please read this instruction manual carefully and completely before using the products. Keep this manual easily accessible at all times.
2. Always keep the product dry, and do not expose them to extreme temperatures.
3. The receiver must keep the minimum volume before switching the unit on. High volume may cause hearing damage to persons with normal hearing, especially to children.
4. Keep devices away from liquid. Before cleaning the product and its accessories, disconnect the transmitter from the power adapter, and use only a slightly damp cloth to clean the devices.
5. Use only the supplied power adapter.
6. Use the products with care and set them up on a stable surface of a clean, dust-free environment.
7. The unit may get hot during use. Ensure the unit has adequate ventilation.
8. Please put the product far away from microwave oven, mobile phones, WiFi router etc. to avoid unnecessary electronic wave interference.
9. Please switch off the transmitter and receiver after use, and pull out the power adapter from the wall socket when not using for a long time.
10. Only qualified person can provide services! Do not attempt to open the unit!

Pacemaker Safety:



CAUTION!

Before using this product with a pacemaker or other medical device, consult your physician or the manufacturer of your pacemaker or other medical device.

OVERVIEW

Would you like to watch television with crystal-clear sound that won't disturb others in your family? Do you want to avoid hearing damage that could be caused by wearing normal wireless earphones for a long time? SIMOLIO SM-828D1 / SM-828D2 wireless TV hearing assistance and protecting earphone is just made for you.

Apply with the latest 2.4GHz Digital Automatic Frequency-Hopping Spread Spectrum (FHSS) technology, it gives you crystal-clear sound with the freedom of a wireless connection - up to 100 feet without obstacles. You can customize your listening at a most comfortable volume level, via balance and tone controls. Our voice highlighting and noise cancelling technology dynamically reduce TV background sounds and make TV dialogues stand out. At last you can easily understand the TV dialogues at a healthy volume without worrying about your hearing being damaged.

The SIMOLIO SM-828D1 / SM-828D2 is especially helpful for hearing-impaired people. It overcomes the weakness of regular hearing aids, which amplify both speech and environmental background at the same time. Normal wireless earphones for TV watching don't help either, they also amplify everything together. What's more, over time you'll keep turning the volume up and up, and that can make your hearing worse and worse. Our hearing protecting earphone solves these problems.

It's compatible with both digital and analog audio output ports and suitable for almost all TVs and the set-top boxes on the market.

The magnetic charging stand allows you to place and charge the earphones conveniently.

FEATURES

(1) Wireless TV Hearing Assistance and Hearing Protecting Function

Soften the background sound, make the TV conversation stand out, help the hearing impaired people to understand the TV clearly, solve the problem that regular hearing aid cannot do. The unique voice highlighting tech and customized tone adjustment allow people to enjoy TV programs in safe sounds, protecting people's hearing from the progressive hearing damage caused by watching TV with normal earphones for a long time.

(2) By-pass

The unique "by-pass" feature allows you to use this wireless TV earphone and Sound bar/audio system at the same time.

(3) Long Distance Transmission

Supported with the latest technology, you can have wireless freedom and crystal clear voice within a range of up to 100 feet.

(4) Voice Highlighting Tech

Reduce background sound in TV to highlight the dialogues, so that words hard to hear can easily stand out, making television dialogues to be understood easily.

(5) Noise Cancelling Tech

Reduce the ambient noise to help the users to focus on listening to the dialogues in TV.

(6) Automatic Signal Control

Our special circuit design can adjust the sudden volume change and make the output volume stable. It will avoid strong signal hurting the users' hearing.

(7) BALANCE Control

The balance control allows for right/left volume adjustment. Adjust the balance so that you hear equally well with both ears.

(8) TONE Control

It is specially designed for people who have different sound frequency sensitiveness. They can select TONE (Treble/Normal/Bass) to find the optimum parameters, and hear the target audio source clearly.

(9) MONO/STEREO Optional

You can switch to STEREO for enjoying Hi-Fi sound quality music or select MONO for enjoying more clear TV dialogues.

(10) Multiple Charging Solutions

- Place the earphone on the magnetic charging stand for charging.
- Use the included USB charging cable to connect the earphone to a compatible USB charger for charging. You can use most mobile phone chargers on the market.
- There is a spare battery always ready in the battery charging compartment on the transmitter for replacement.

(11) Earphone Designed with Auto Power Off Function for Power Saving

When no signal is received for 10 minutes, the earphone will be powered off automatically.

(12) One Transmitter Can Support Multiple Receivers

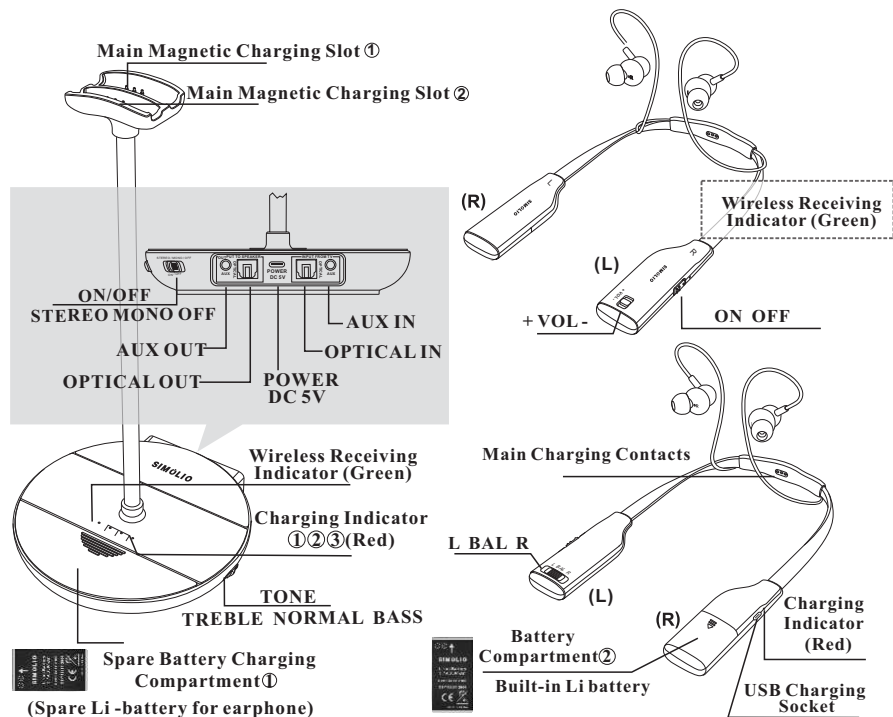
Additional SIMOLIO 2.4GHz wireless receivers can be added to the SM-828D1 / SM-828D2 system, allowing multiple listeners to enjoy the same audio source.

(13) Good Compatibility

Compatible with any brand of TV/Cable TV box/Set-top box/ DVD/ other audio device that has a Digital Optical, RCA or 3.5mm AUDIO OUT port(s).

(14) A Variety of Ear Tips Fit All Ears

Silicone ear tips are replaceable, washable and very durable. In addition, we also provide some additional memory foam ear tips for replacement, which can reduce the irritation and fatigue of the earphones. However, if you use memory foam ear tips, we strongly recommend that you replace the ear tips every 30 to 60 days to ensure comfort and cleanliness.

PRODUCT DIAGRAM**PACKAGE CONTENTS**

Earphone 2 earphones for SM-828D2	Transmitter A spare Li-battery for earphone (included)	Optical Fiber Cable 	Ø3.5mm Audio Cable 	Ø3.5mm-RCA Audio Cable
USB Charging Cable 	Power Adapter US or UK 	Ear Tips Silicone Ear Tips x1 pair Memory Foam Ear Tips x2 pairs	User Manual 	Quick Guide

LED INDICATION**LED Indicators of the Transmitter**

LED Status	Transmitter Status
Green LED flashes slowly	No signal received within 5 minutes
Dark green LED lighting steadily	In standby mode (no audio signal in for more than 5 minutes)
Bright green LED lighting steadily	Wireless working mode
Red LED ① ② lighting steadily	Earphone charging
Red LED ③ lighting steadily	Spare battery charging
Red LED off	Earphone charging completed/no charging

LED Indicators of the Earphone

LED Status	Earphone Status
Green LED flashes slowly	No signal received
Green LED flashes quickly and Earphone beeps every minute	Low power indication
Green LED lighting steadily	Wireless working mode

Note:

- The transmitter will automatically enter standby mode within 5 minutes of no signal input, and it will automatically restart when there is an audio signal input.
- The earphone will power off automatically after 10 minutes of no audio signal in. Using it again, you need to slide ON/OFF switch to “OFF” position, then slide to “ON”.

HOW TO USE**1. Check Your TV/Audio Source Output Options before the Set up**

SM-828D1 / SM-828D2 is compatible with OPTICAL output, RCA (labeled “AUDIO OUT”) and AUX 3.5mm output.

Jack Options	Digital Optical AUDIO OUT	RCA jacks labeled AUDIO OUT	Other RCA jacks (usually audio in)	AUX/3.5mm	6.35mm Phone jack	Digital Coaxial AUDIO OUT
Natively supported?	✓	✓	✗	✓	✗ (need extra 6.35mm to 3.5mm adapter, purchase separately)	✗ (need extra digital to analog converter, purchase separately)
Please refer to Point	3.1	3.2	N/A	3.3	3.4	3.4

Fig 1-1

Note:

- Three different audio cables included: digital optical cable, RCA cable and 3.5mm cable. In the end, only one of these cables is needed to complete the installation.
- If your audio source device has an optical audio out port, please connect SIMOLIO to this port preferentially. If not, you can also connect SIMOLIO to the RCA or AUX/ 3.5mm or other audio out port of the audio source device.

2. Turn on the Transmitter and Earphone**2.1 Power the Transmitter** (Ref. Fig 2-1)

Plug the supplied AC adapter into a standard electrical outlet, plug the other end of the AC adapter into the port labeled “DC 5V” on the back of the transmitter.

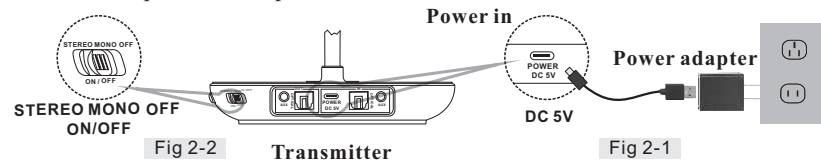


Fig 2-2

Transmitter

Fig 2-1

2.2 Turn on the Transmitter (Ref. Fig 2-2)

Slide **MONO/STEREO/OFF** switch to “**MONO**” or “**STEREO**” position.

2.3 Turn on the Earphone (Ref. Fig 2-3).

Slide **ON/OFF** switch to “**ON**” position.

Note: Please charge the earphone for 3 hours before using it for the first time.

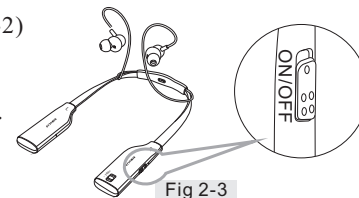


Fig 2-3

3. Connect the Transmitter to Your TV / Audio Source

Set the volume of the audio source to a level sufficient for people with normal hearing to clearly listen to the TV to ensure stable audio output.

i.e. set the TV box VOL $\geq$ 30 % (Ref. Fig 3-1) & TV VOL $\geq$ 40% (Ref. Fig 3-2)

For watching TV quietly without disturbing others, the right way is: Mute your TV by pressing the **MUTE** button on the remote control or choose any speaker option other than **TV Speaker** in the **TV Sound Output** settings. (Ref. Fig 3-3)

- The above settings may differ from various TVs.



Fig 3-1

TV box VOL $\geq$ 30 %

Fig 3-2

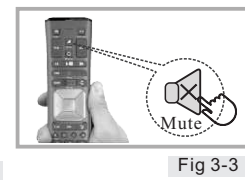
TV VOL $\geq$ 40 %

Fig 3-3

3.1 Digital Optical Connection

This part will instruct you on how to connect the SIMOLIO SM-828D1 / SM-828D2 transmitter to your television, satellite, or cable box using an optical digital audio cable.

- If you cannot get to the back of your TV and you only watch the programs through a fixed TV box (cable/satellite box/DVD etc.), you can also use these instructions to install the system to your TV box.
- Be aware that the base should be placed at least 4 feet away from your Router/smart WiFi TV/TV sticks/WiFi TV box to avoid interference.

Step 1. Hook up SIMOLIO to the Optical Audio Out Port of the TV/other Audio Device

Remove the protective plastic caps from both ends of the optical digital audio cable.

Fig 3-4



Plug either end of the optical audio cable into the “**Digital Audio Out (Optical)**” port on the back of the TV. Plug the other end of the optical digital audio cable into the port on the back of the transmitter labeled “**OPTICAL IN**”.

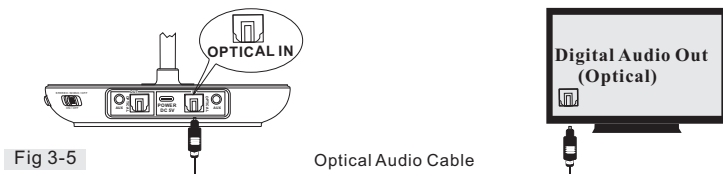


Fig 3-5

Step 2. TV Audio Format and Speaker Setting (use TV remote control)

If you can not hear sound from your earphones after connecting:

- Ensure TV Audio Format is set to “PCM” or “Dolby/DTS” is OFF (This is IMPORTANT, Ref. Fig 3-6)

PS: for certain smart Samsung models, the TV is retaining separate settings for regular TV and internet TV setup. When you turn to the Smart Hub for Internet source, please use the TV remote to go to Settings > Sound > Expert Settings > Audio Format or Digital Output Audio Format, then select PCM.

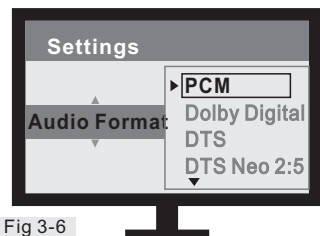


Fig 3-6

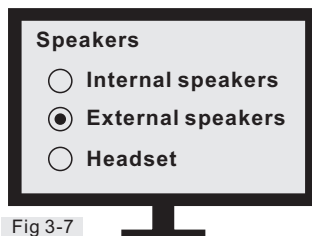


Fig 3-7

- Ensure your TV speaker is set to “External Speakers”. (Ref. Fig 3-7)

Notes: If your TV only support single sound out, the TV's speakers will be either automatically muted when you plug something into an audio out port (Optical/ AUX/RCA, etc.) or they become disabled once you choose "External Speakers" as your TV's audio output. It depends on TV circuit design.

For most TVs, the TV's internal speakers and an external audio device can work simultaneously. Such as, for some newer LG TVs, when do optical audio connection, you can set the “Sound Out” to “Internal TV Speaker + Audio Out (optical)”. And for some newer Samsung TVs, you can enable this feature by selecting “TV Speaker” from the TV Sound Output lists.

* Setting menu may be different depending on different TV brands and models.

3.2 RCA Analog Connection

This Part is an alternative to 3.1 on page 8. This part will explain how to connect the SIMOLIO SM-828D1 / SM-828D2 transmitter to your television, satellite, or cable box using an RCA analog audio cable.

- If you cannot get to the back of your TV and you only watch the programs through a fixed TV box (cable/satellite box/DVD etc.), you can also use these instructions to install the system to your TV box.
- Be aware that the base should be placed at least 4 feet away from your Router/smart WiFi TV/TV sticks/WiFi TV box to avoid interference.

Step 1. Hook up SIMOLIO to the RCA Audio Out Port of the TV/other Audio Device

Plug the red and white ends of the audio cable into the analog RCA Audio Out ports (red and white ports labeled “**AUDIO OUT**”) on the back of the TV. Plug the single end of the audio cable into the port labeled “**AUDIO IN**” on the back of the transmitter.

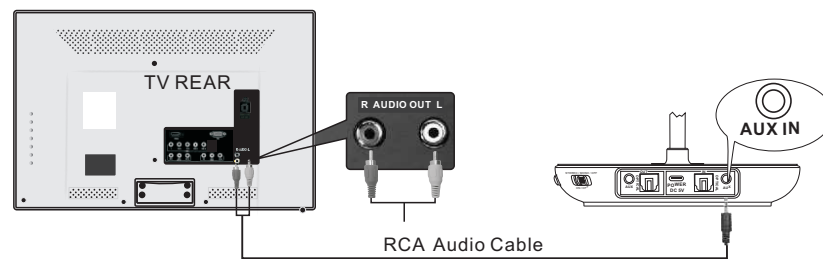


Fig 3-8

Step 2. TV Audio Out Checking and TV Speaker Setting (use TV remote control)

If you can not hear sound from your earphones after connecting:

- Ensure use TV Red/White ports labeled “AUDIO OUT” or “OUTPUT”, other Red/White ports are incorrect. (Ref. Fig 3-9)
- Ensure your TV speaker is set to “External Speakers”. (Ref. Fig 3-10)

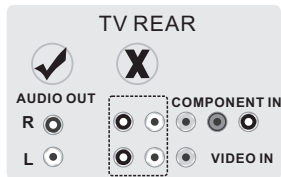


Fig 3-9

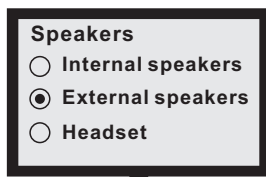


Fig 3-10

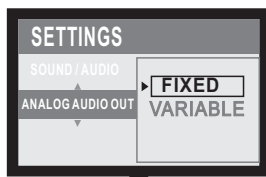


Fig 3-11

Notes:

* If your TV only support single sound out, the TV's speakers will be either automatically muted when you plug something into an audio out port (Optical/AUX/RCA, etc.) or they become disabled once you choose "External Speakers" as your TV's audio output. It depends on TV circuit design.

For most TVs, the TV's internal speakers and an external audio device can work simultaneously. Such as, for some newer LG TVs, when do analog RCA audio connection, you can set the “Sound Out” to “Internal TV Speaker + Headphones”. And for some newer Samsung TVs, you can enable this feature by selecting “TV Speaker” from the TV Sound Output lists.

* Your TV's analog audio settings may be set to “Variable” or “Fixed”. If you want to be able to control your TV volume level separate from your SIMOLIO SM-828D1 / SM-828D2 volume level, you will need to make sure your TV is set to “Fixed”. Contact your TV manufacturer for assistance. (Ref. Fig 3-11)

*Setting menu may be different depending on different TV brands and models.

3.3 3.5mm/AUX Analog Connection

This part is an alternative to 3.1 and 3.2 on page 8-10. This part will explain how to connect the SIMOLIO SM-828D1 / SM-828D2 transmitter to your television, satellite, or cable box using a 3.5mm/AUX analog audio cable.

• If you cannot get to the back of your TV and you only watch the programs through a fixed TV box (cable/satellite box/DVD etc.), you can also use these instructions to install the system to your TV box.

- If you connect the 3.5mm audio cable to the 3.5mm Audio Out port which is usually a Headphone port on your TV, your SIMOLIO SM-828D1 / SM-828D2 will still function properly, but the sound to your TV internal speakers will be muted. The port is usually labeled with an headphone icon.
- Be aware that the base should be placed at least 4 feet away from your Router/smart WiFi TV/TV sticks/WiFi TV box to avoid interference.

Step 1. Hook up SIMOLIO to the 3.5mm Audio Out Port of the TV/other Audio Device

Plug one end of the 3.5mm audio cable into the “Audio Out” port on the back of the TV. Plug the other end of the audio cable into the port labeled “AUDIO IN” on the back of the transmitter.

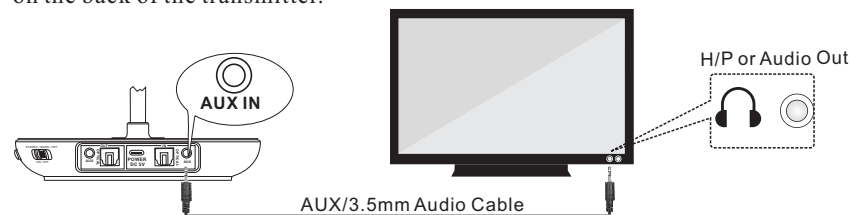


Fig 3-12

Step 2. TV Audio Out / TV Speaker Setting (use TV remote control)

If you can not hear sound from your earphones after connecting:

- Ensure your TV speaker is set to “Headset”. (Ref. Fig 3-13)
- Plug a wired headphone/earphone into the 3.5mm audio out port of the TV to test if you can hear the TV sound. (Ref. Fig 3-14)

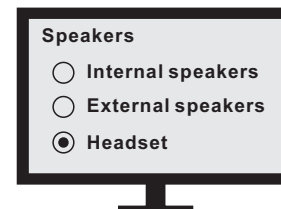


Fig 3-13

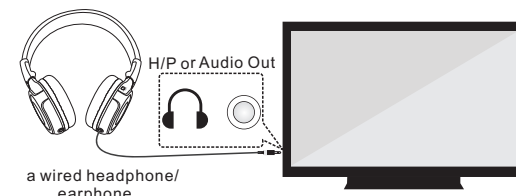


Fig 3-14

Notes:

* Your TV's audio settings may be set to "Variable" or "Fixed". We recommend that you set your audio settings to "Fixed" for better audio quality when using this installation option. If you want to be able to control your TV volume level separate from your SIMOLIO SM-828D1 / SM-828D2 volume level, you will need to make sure your TV is set to "Fixed". Contact your TV manufacturer for assistance.

* Setting menu may be different depending on different TV brands and models.

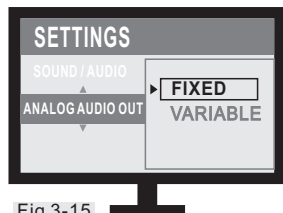


Fig 3-15

3.4 Other Connections in Special Cases**1) TV/Audio Source only has Digital Coaxial Audio Out port****Step 1. Purchase a Digital to Analog Converter and Set up as Shown in Fig 3-16**

If your TV/Audio Source only has a digital coaxial audio out port, you will need a digital to analog converter (DAC) for installation.

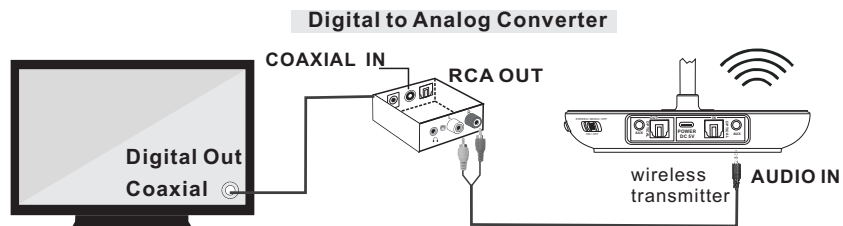


Fig 3-16

Step 2. TV Audio Format and Speaker Setting (use TV remote control)

If you can not hear sound from your earphones after connecting:

- Ensure TV Audio Format is set to "PCM" or "Dolby/DTS" is OFF (This is IMPORTANT, Ref. Fig 3-17)

PS: for certain smart Samsung models, the TV is retaining separate settings for regular TV and internet TV setup. When you turn to the Smart Hub for Internet source, please use the TV remote to go to Settings > Sound > Expert Settings > Audio Format or Digital Output Audio Format, then select PCM.

- Ensure your TV speaker is set to "External Speakers". (Ref. Fig 3-18)
- Take turns to test RCA connection and 3.5mm /AUX connection.

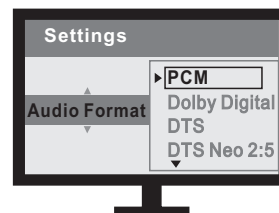


Fig 3-17

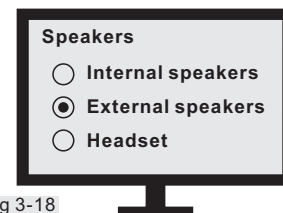


Fig 3-18

- Use a wired headphone/earphone to plug into the H/P port or RCA output of the DAC to test if you can hear the TV sound. (Ref. Fig 3-19)

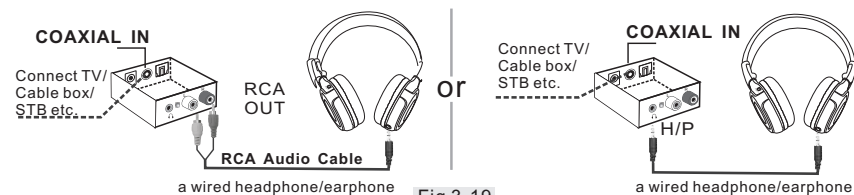


Fig 3-19

Note:

Setting menu may be different depending on different TV brands and models.

2) If your TV/Audio Source's Digital Optical Audio Out port is occupied by soundbar, you can use the by-pass feature.

Please make sure you use the same type of input/output.

A) If you're using Optical cable to connect the wireless transmitter to TV, please use Optical cable to connect to the sound system. (Ref. Fig 3-20)

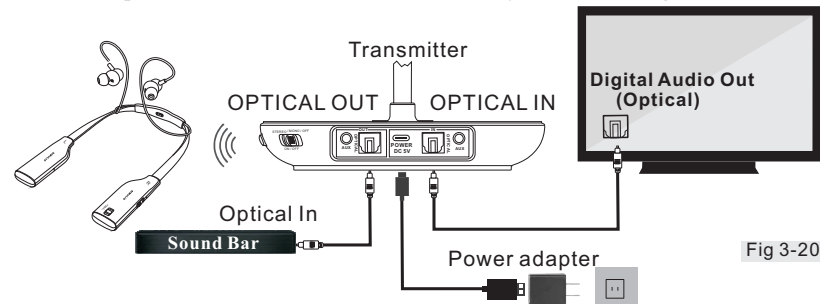


Fig 3-20

B) If you're using the AUX/RCA cable to connect the wireless transmitter to TV, please use AUX/ RCA cable to connect to sound system. (Ref. Fig 3-21)

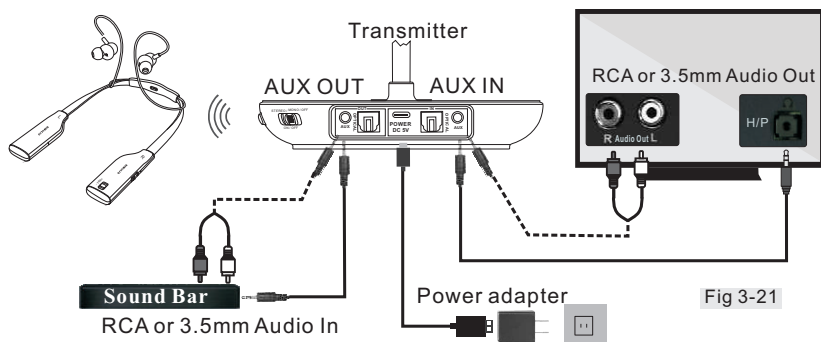


Fig 3-21

Note: When you just want to listen to the audio from the wireless TV earphone, just turn off your sound system.

If you can not hear sound from your earphones after connecting, follow the part of 3.1 on page 8-9 to check your settings.

3) Use SIMOLIO SM-828D1 / SM-828D2 to your AV Receiver with 6.35mm PHONE jack

Step 1. Purchase a 6.35mm to 3.5mm Adapter and Set up as Shown in Fig 3-22

SM-828D1 / SM-828D2 is not compatible with ANY RCA(L/R) ports on your AV Receiver, ONLY use the BIG 6.35mm PHONE OUT on front side of your AV Receiver with the 6.35mm to 3.5mm adapter (purchase separately).

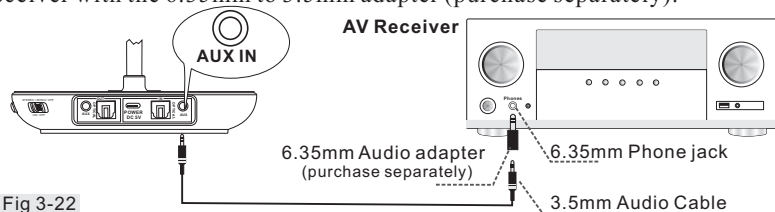


Fig 3-22

Step 2. Check the Performance of the AV Receiver's Audio Output as Shown in Fig 3-23

If you can not hear sound from your earphones after connecting:

- Use the 6.35 to 3.5mm converter to plug a wired headphone/earphone into the port on AV receiver to check whether the sound is normal. (Ref. Fig 3-22)

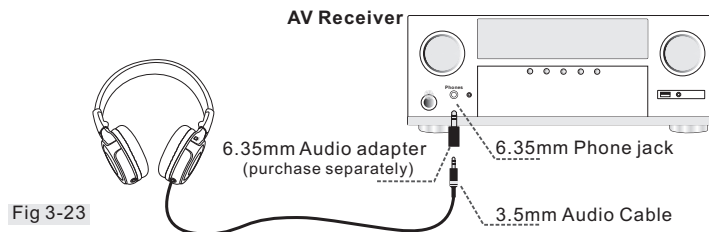


Fig 3-23

4. Use Two Sets of SIMOLIO 2.4GHz Wireless TV Earphones Simultaneously in the Same House

- The two sets of SIMOLIO SM-828D1 / SM-828D2 should be put at least 10 meters away from each other when using them simultaneously.

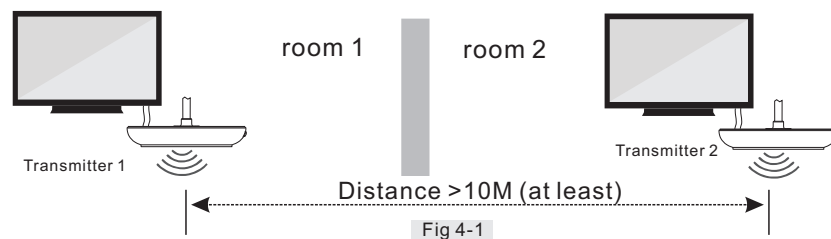


Fig 4-1

- Take the earphone close to the transmitter, then turn on the transmitter and earphone and make sure the green LED indicators are facing towards each other for about 5 seconds.

Note: If two earphones are used on the same TV, only one transmitter needs to be connected, because one transmitter supports multiple earphones to work simultaneously.

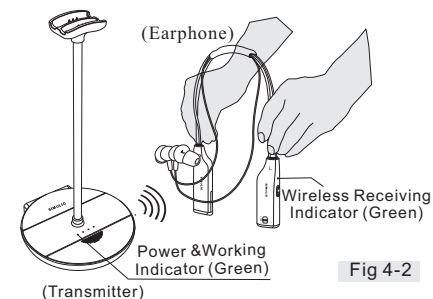


Fig 4-2

5. Charge the Earphone

Method 1: Turn off the earphone and place it onto the magnetic charging stand for recharging, the LED charging indicator on the stand will stay solid red while charging and will turn off when charging is complete. (Ref. Fig 5-1)

Notes:

* Be sure to use the original AC adaptor for the transmitter and insert the AC adaptor plug firmly. Slide the MONO/STEREO/OFF switch to MONO or STEREO to power on the transmitter.

* Do not touch the contact pins of the transmitter. If the contact pins become dirty, charging may not be possible.

Method 2: Plug the earphone into a USB wall charger (DC 5V/0.5-2A) using the included USB cable. While charging, the earphones' LED will turn red and will turn off once charging is complete. Normally it will take about 3 hours to fully charge.

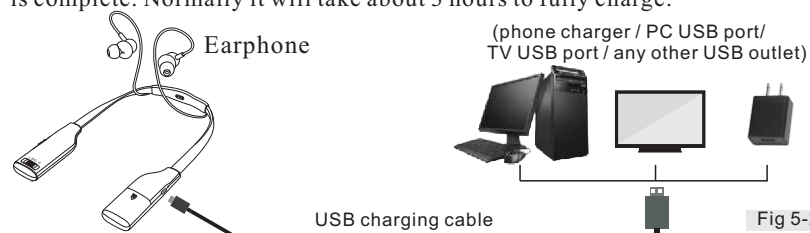


Fig 5-1

Fig 5-2

Method 3: Through the battery charging compartment in the base. A spare battery in the battery charging compartment at the side of the transmitter is always ready. When the earphone battery is low power, pull the spare battery out of the battery charging compartment for replacement, and the discharged battery can be put into the compartment for recharging. (Ref. Fig 5-3)

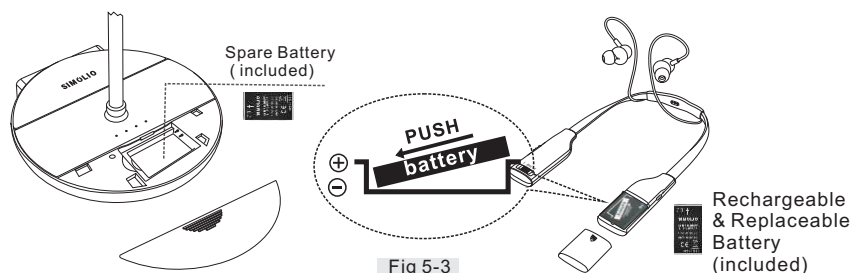


Fig 5-3

Notes: The charging time is approx. 3 hours. The earphones will last approx 7 hours on a full charge, but will last a lesser or greater amount of time depending on the average volume level of the earphone.

6. Customizing your SM-828D1 / SM-828D2

1) Balance Control: If the hearing abilities of two ears are not the same, you can rotate the BAL dial on the earphones for right/left volume adjustment so that you hear equally well with both ears.

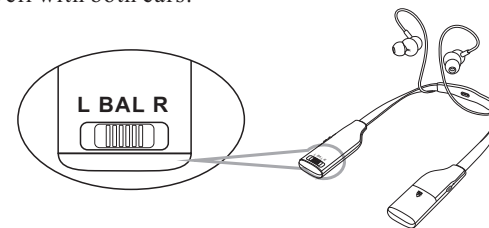


Fig 6-3

2) Tone Control: Select the TONE (TREBLE/NORMAL/BASS) at the side of transmitter to find the best feature, make sure you can hear the TV voice clearly. (Ref. Fig 6-4)

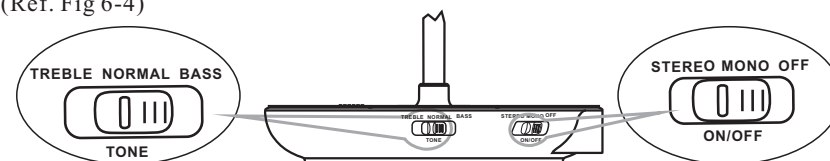


Fig 6-4

Transmitter

Fig 6-5

3) Mono/Stereo Option: You can switch to STEREO for enjoying Hi-Fi sound quality music or select MONO for enjoying more clear TV dialogues. If, despite a correct balance adjustment, you can hear the sound only with one ear: Set the STEREO/MONO switch on the transmitter to MONO. (Ref. Fig 6-5)

4) To clean the silicone ear tips:

- Carefully remove the ear tips from the earphone.
- Clean the ear tips with warm soapy water and rinse thoroughly.
- Dry the ear tips.
- Put the ear tips back on the earphone.

TROUBLESHOOTING

Part 1

Phenomena	Causes	Solutions
Earphone doesn't work, or no voice received	The transmitter is not powered on.	Switch to MONO or STEREO to power the transmitter on.
	The transmitter is not connected well.	Make sure the AC adapter and the audio cable of the transmitter are plugged in place.
	The analog audio cable is plugged into the AUDIO IN jack of the transmitter when connecting with the optical cable.	Unplug the analog audio cable from the transmitter.
	The connection between the transmitter and the audio source is wrong.	Make sure the connection is correct and in place between the transmitter and the audio source.
	The audio sources (TV and TV related AV devices) are not turned on or their volume are set too low.	Turn on the audio source, and adjust its volume to a sufficient level.
	TV audio output is disabled or not activated.	Follow the instructions in your TV user manual to change the TV's AUDIO OUT setting to "External TV Speakers".
	The audio out format of TV and TV related AV devices (e.g., Cable box, STB, DirecTV, etc.) is not set to PCM.	Set it to PCM . For example: Settings > Sound > Digital Audio Out Format > Dolby/DTS/PCM , menu depends on TVs.
	The earphone is powered off automatically.	Switch the earphone off, then on.
	The battery isn't inserted properly into the battery chamber or the battery is run out.	Insert the battery properly, or charge the battery fully.
	The audio out port of the connected audio device is defective (no signal out).	Connect to another audio out port.

Part 2

Phenomena	Causes	Solutions
Earphone doesn't work, or no voice received	TV volume is turned down to ZERO .	Adjust the TV volume to a sufficient level. If you want to mute the TV, please click the MUTE key on the TV remote control or go to Tv settings to OFF the Internal TV speaker.
	The earphone is out of the transmitting range.	Move the earphone closer to the transmitter.
Sound cuts in and out or some noise is occurred	The audio source's volume is set too low.	Adjust its volume properly.
	The battery's power is too low.	Charge the battery fully.
	The transmitter is placed too close to metalworks or other electromagnetic wave objects.	Put the transmitter far away from the interference sources.
	The connection between the transmitter and the audio source is not in place.	Make sure the connection is firm between the transmitter and the audio source.
	The audio out function of the connected audio device is defective (poor signal out).	Connect to another audio out port.
	The earphone is used for listening to streaming media (Netflix, Amazon Prime Video etc.)	Place the transmitter base at least 4 feet away from smart WiFi TV/ WiFi TV box/TV sticks to avoid interference.
The voice is heard only with one ear	The balance is not adjusted properly.	Adjust the balance control properly.
	The audio out signal of audio source is mono, but the transmitter is switched to STEREO .	Switch the transmitter to MONO .
	If you are using RCA connection, the two ends of the RCA audio cable are not fully inserted into the RCA audio out port of the TV/other audio source.	Try waggling the RCA audio cable or re-inserting the RCA audio cable
	Faulty cable/audio out port issue	Try another audio cable or another audio device.

Part 3

Phenomena	Causes	Solutions
Earphone can not be charged successfully	The transmitter is not switched on.	Switch on the transmitter.
	One of the charging slots is defective.	Put the battery in the battery charging compartment of the base or change another charging slot for recharging.
	The battery is not inserted into the battery compartment in the correct way resulting in the battery contacts distorted.	Replace with a new earphones.(damage due to misuse, not covered by warranty)
	Faulty USB adapter.	Please unplug the faulty USB adapter and change another power source like PC USB port, socket, different USB charger (5V/500mA-2A).
	Faulty USB charging cable.	Please try another USB charging cable.
No sound when using by-pass feature	Incorrect input/output connection.	If you're using Optical cable to connect the wireless transmitter to TV, please use Optical cable to connect to the sound system.
		If you're using the AUX/RCA cable to connect the wireless transmitter to TV, please use AUX/ RCA cable to connect to sound system.

LIMITED WARRANTY

12 months limited warranty: The 12 months warranty will cover defects in manufacturing and product failure for a period of 12 months from the original date of purchase. The warranty is only for brand new products and warranty period is not extended if we repair or replace a warranted product.

This warranty is provided at the discretion of Simolio Ltd. And does not cover cosmetic damage or damage due to acts of nature, accident, misuse, abuse, negligence, commercial use, or modification of or to any part of the product. Accessories such as audio cables, power adapter and perishable items such as ear tips and batteries are not covered under this warranty.

Please contact:

support@simolio.com (for US/CA/AU) or **support_uk@simolio.com** (for UK) for any questions or customer support.

www.simolio.com www.amazon.com/simolio

TECHNICAL SPECIFICATIONS

Transmission mode	Automatic Frequency-Hopping Spread Spectrum		
Carrier frequency	2.4GHz ISM BAND		
Power Supply	Transmitter	output: DC 5V, 1A	input : 100~240V
	Earphone	built-in 350mAh Li-battery	
Frequency response		20 Hz – 20 KHz	
Distortion	≤1%		
Signal-to-noise ratio	≥70dB		
Range	Up to 100 feet (without obstacles)		
Working time	approx 7 hours		
Charging time	3 hours		