



SIMOLIO JH-202D Bluetooth Transmitter Receiver User Manual

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SIMOLIO®

SIMOLIO JH-202D Bluetooth Transmitter Receiver



Product Overview

The SIMOLIO JH-202D is a Bluetooth transmitter receiver with audio bypass function. It comes with an ON/OFF switch, a TX/Bypass/RX switch, an AUX output to speaker, an optical output to speaker, a USB & power in, an optical input from TV, an AUX input from TV, and an antenna.

Specifications

- BT Version: 5.0
- Supported Profiles: A2DP, AVRCP
- Carrier Frequency: 2.4GHz ISM
- Audio Codec Supported: SBC, FS, aptX, aptX LL, aptX HD
- Input Voltage: DC 5V 1A
- Warranty: 25

Package Contents

- SIMOLIO Bluetooth transmitter receiver x1
- Power adapter x1
- Optical cable x1
- RCA audio cable x1
- 3.5mm AUX audio cable x1
- User instruction x1

Button Functions

- ON/OFF switch: Turn on/off SIMOLIO JH-202D
- TX/Bypass/RX switch: Use SIMOLIO JH-202D as Bluetooth transmitter/receiver/bypass function only
- PAIR button: Enter pairing mode/Clear pairing history/Exit pairing mode
- HD/LL Priority switch: Low latency priority/HD priority
- OPT/AUX/USB switch: Select optical connection to TV or other suitable audio devices/Select AUX connection

to TV or other suitable audio devices

- VOL+/- buttons: Adjust volume

Product Usage

Step 1: Connect Bluetooth headphones to SIMOLIO JH-202D

1. Turn on SIMOLIO JH-202D and set TX/Bypass/RX switch to RX mode
2. Enter pairing mode by pressing and holding the PAIR button for 3 seconds, the transmitter will enter pairing mode with RED and BLUE LED flashing alternately
3. Search for Bluetooth devices on your headphones and select "SIMOLIO JH-202D" to connect
4. The LED indicator will turn solid blue when connected successfully

Step 2: Connect SIMOLIO JH-202D transmitter to your device

1. Turn on SIMOLIO JH-202D and set TX/Bypass/RX switch to TX mode
2. Connect the transmitter to your device using the appropriate interface (OPT, AUX or USB)
3. Enter pairing mode by pressing and holding the PAIR button for 3 seconds, the transmitter will enter pairing mode with RED and BLUE LED flashing alternately
4. Search for Bluetooth devices on your receiving device and select "SIMOLIO JH-202D" to connect
5. The LED indicator will turn solid blue when connected successfully

Step 3: Use SIMOLIO JH-202D as Bluetooth receiver with audio bypass function

1. Turn on SIMOLIO JH-202D and set TX/Bypass/RX switch to Bypass mode
2. Connect the transmitter to your audio source using the appropriate interface (OPT or AUX)
3. Connect your speaker or soundbar to SIMOLIO JH-202D using the AUX output to speaker or optical output to speaker interface
4. The audio signal will bypass through SIMOLIO JH-202D and transmit the signal to your headphones or other Bluetooth devices

Note:

- When using low latency priority, it is recommended to connect to TVs or other suitable audio devices that support aptX LL
- When using HD priority, it is recommended to connect to audio sources that support aptX HD
- If you want to clear pairing history, press and hold the PAIR button for 10 seconds until the RED and BLUE LED flashes out

For any further questions, please contact SIMOLIO customer service at support@simolio.com (NA/AU) or support_uk@simolio.com (UK).

Thank you for purchasing from SIMOLIO JH-202D is a Bluetooth transmitter receiver with audio bypass function. It's advisable to read this manual carefully before setup and keep it safe for future reference. For any questions, please contact SIMOLIO customer service at: support@simolio.com (NA/AU)

support_uk@simolio.com (UK)

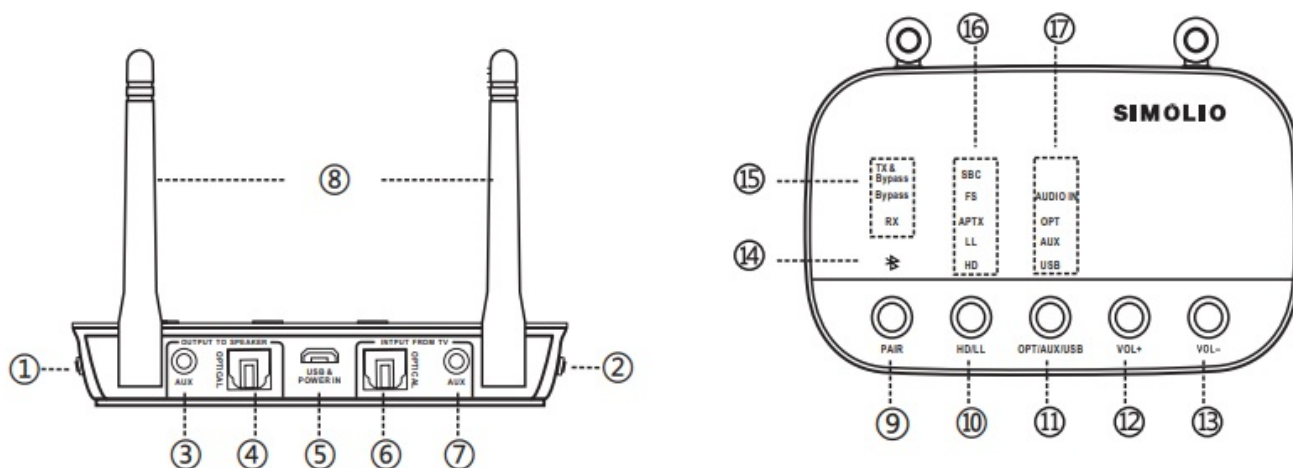
Response Time: 2-24h, excl. Holidays

Welcome to subscribe to our YouTube channel - "Simolio Direct" for more product information.

www.simolio.com







www.amazon.com/simolio

JH-202D Product Overview









1. ON/OFF Switch
2. TX/Bypass/RX Switch
3. AUX OUTPUT TO SPEAKER
4. OPTICAL OUTPUT TO SPEAKER
5. USB & POWER IN
6. OPTICAL INPUT FROM TV
7. AUX INPUT FROM TV
8. Antenna
9. PAIR (BT/MFB Button)
10. HD/LL Priority Switch
11. OPTIAUX/USB Switch
12. Vol+ -Vol- -Bluetooth Status Indicator
13. Working Mode Indicators
14. Codec Indicators
15. Audio Interface Indicators

What's Included in the Package

SIMOLIO Bluetooth transmitter receiver *1 	Power adapter *1 	Optical cable *1 	RCA audio cable *1 	3.5mm AUX audio cable *1 	User instruction*1 
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Button Functions

Button	Function	Operation
ON/OFF Switch	Turn on SIMOLIO JH-202D	Slide " ON  OFF" to "ON"
	Turn off SIMOLIO JH-202D	Slide " ON  OFF" to "OFF"
TX/Bypass/RX Switch	Use SIMOLIO JH-202D as Bluetooth transmitter	Slide " TX&bypass  RX" to "TX&Bypass"
	Use SIMOLIO JH-202D as Bluetooth receiver	Slide " TX&bypass  RX" to "RX"
	Use bypass function only	Slide " TX&bypass  RX" to "TX&Bypass"
	Use bypass and Bluetooth transmitting function at the same time	Slide " TX&bypass  RX" to "TX&Bypass"

Button	Function	Operation
PAIR	Enter pairing mode	Press and hold the "PAIR" for 3 seconds, the transmitter will enter pairing mode with RED and BLUE LED flashing alternately
	Clear pairing history	Disconnect, press and hold the "PAIR" for 10 seconds until the RED and BLUE LED flashes out
	Exit pairing mode	When connected, short press the "PAIR"
	Play/Pause Music (RX model only)	Short Press "PAIR" once (RX mode only)
	Disconnect paired device (RX model only)	Short press the "PAIR" twice in a row
LL/HD	Low latency priority (while watching TV programs or films, etc...)	Select "LL" to prioritize aptX low latency codec. To achieve low latency, please make sure aptX LL supported devices are used
	HD priority(while streaming musical content with HD quality)	Select "HD" to prioritize aptX HD codec. To achieve HD audio quality, please make sure aptX HD supported devices are used
OPT/AUX / USB	Select optical connection to TV or other suitable audio devices	Short press the switch to select "OPT" and connect JH-202D to your device using optical cable
	Select AUX connection to TV or other suitable audio devices	Short press the switch to select "AUX" and connect JH-202D to your device using RCA/3.5mm AUX cable

Button	Function	Operation
OPT/AUX/USB	Select USB connection to PC or laptop	Short press the switch to select "USB" and connect JH-202D to your PC or laptop using supplied USB cable (available when working in TX mode only)
Vol+	Volume UP (Not available in TX OPT and TX USB Mode)	Short press the "Vol+" to increase the volume you'll hear
Vol-	Volume DOWN (Not available in TX OPT and TX USB Mode)	Short press the "Vol-" to reduce the volume you'll hear

LED Indications

LED status	Status Indication
“ ” flashes blue every few seconds	No connection or disconnected
“ ” flashes red and blue alternately	In pairing mode
“ ” turns solid blue	Connected
“TX & Bypass” turns solid white	Working under transmitter mode, or working under Bypass + transmitter mode
“Bypass” turns solid white	Working under Bypass only mode
“RX” turns solid white	Working under receiver mode
OPT LED turns solid white	Working with optical connection
AUX LED turns solid white	Working with AUX/RCA connection

LED status	Status Indication
USB LED turns solid white	Working with PC/laptop USB connection (TX mode only)
SBC turns solid white	Connected using SBC codec
FS turns solid white	Connected using FS codec
aptX turns solid white	Connected using aptX codec
LL turns solid white	Connected using aptX LL codec
HD turns solid white	Connected using aptX HD codec

Use SIMOLIO JH-202D as Bluetooth Transmitter

(TX Mode)

Connect Bluetooth Headphones to SIMOLIO JH-202D

Power and Turn on SIMOLIO JH-202D

Plug the supplied USB cable to a compatible TV USB or USB power adapter(5V 500mA-2A), plug the other end of the USB cable into the port labeled “USB & POWER IN”. Then slide the ON/OFF switch to “ON”. Slide the TX/Bypass/RX switch to “TX & Bypass”.

Get SIMOLIO JH-202D into Pairing Mode

When using the transmitter for the first time, or after the pairing history of SIMOLIO Bluetooth transmitter is cleared, the transmitter will automatically enter pairing mode after being powered on. Bluetooth indicator will flash RED and BLUE alternately.

For non-first time use, please press and hold the “PAIR” for 3 seconds until the Bluetooth indicator flashes red and blue alternately.

Get Bluetooth Headphones into Pairing Mode

For this part, please refer to your headphones’ user manual for instructions. In most cases, Bluetooth headphones enter pairing mode when the headphones’ LED flash red and blue alternately, or when it flashes blue quickly.

Connecting 1st Bluetooth Headphones to SIMOLIO JH-202D

During the pairing process, please bring the 1st Bluetooth headphones close to SIMOLIO JH-202D and wait. After connection, the Bluetooth indicator on SIMOLIO JH-202D will turn SOLID blue.

Connecting 2nd Bluetooth Headphones to SIMOLIO JH-202D

After the first headphones are connected to SIMOLIO JH-202D, press and hold the PAIR button for 3 seconds until Bluetooth indicator flash RED and Blue alternately. Get the headphones into the pairing mode. Bring the 2nd headphones close to SIMOLIO JH-202D and wait. After connection, the Bluetooth indicator on the transmitter will turn SOLID purple.

NOTE:

- a. SIMOLIO JH-202D will not enter pairing mode if there are already two sets of Bluetooth headphones connected to it.
- b. If Bluetooth headphones support LL and HD, SIMOLIO JH-202D will automatically select and go into LL. You may select “HD” while streaming musical content with HD quality, and select “LL” while watching TV programs or films, etc...
- c. With dual streaming, please make sure that BOTH sets of Bluetooth headphones are aptX LL supported. If either set of the Bluetooth headphones do not support LL codec, aptX LL codec will not be available.

Connect SIMOLIO JH-202D Transmitter to Your Device

Choose your TV/Audio Source Output Options Before Setup


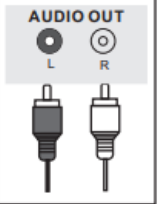
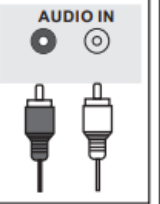
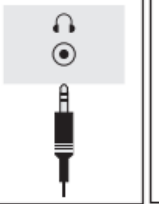
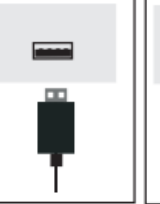
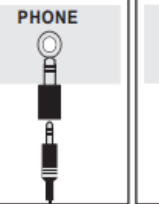
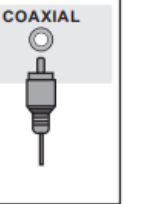
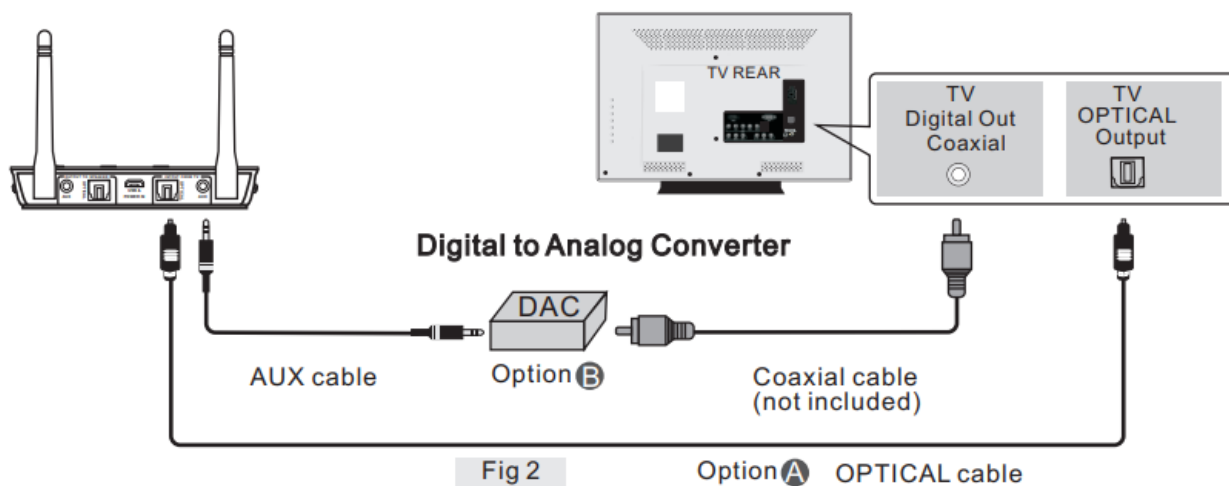
		Digital Optical AUDIO OUT	RCA jacks labeled AUDIO OUT	Other RCA jacks(usually audio in)	AUX/3.5mm	PC USB AUDIO OUT	6.35mm Phone jack	Digital Coaxial AUDIO OUT
Jack Options								
	Natively supported?	✓	✓	✗	✓	✓	✗ (need extra 6.35mm to 3.5mm adapter, purchase separately)	✗ (need extra digital to analog converter, purchase separately)
Please refer to Point		2.1	2.2	N/A	2.3	3	4	

Fig 1

Connect SIMOLIO JH-202D to Your TVs

1. Optical Connection & Coxial Optical Connection (Ref. Fig 2)



- Select OPT via “OPT/AUX/USB” switch; use the supplied optical cable to connect JH-202D to your TV as in Fig 2 Option A.
- If your TV has a Coaxial Audio Out Port, please perform the connection as shown in Fig 2 Option B. DAC needs to be purchased separately.
- If your TV only has a Digital Optical Audio Out port and it is currently occupied by soundbar, you may refer to Part 7 on Page 16 in this manual.

Note:

1. Please check and remove the protective plastic caps from both ends of the optical digital audio cable.

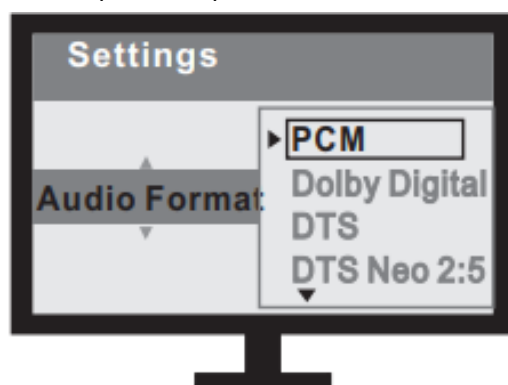


Fig 3

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

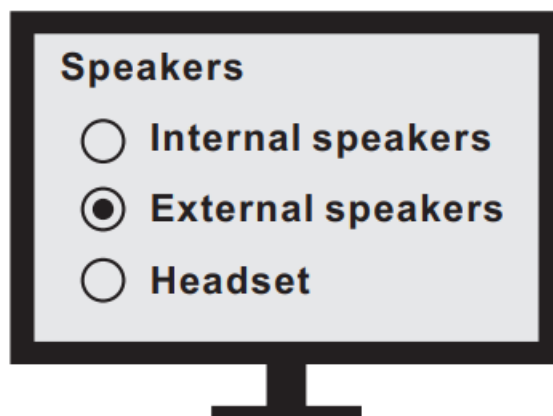


Fig 4

3. Ensure your TV speaker is set to “External Speakers”, or other suitable selections. (Ref. Fig 4)

4. Please place the transmitter away from Router/ smart WiFi TV/TV sticks/WiFi TV box to avoid interference.
5. PCM setting and TV speaker setting differ from TV brands and models. For more information, please refer to your TV manual or consult your TV manufacturer.

RCA Analog Connection (Ref. Fig 5)

Select AUX via “OPT/AUX/USB” switch; use the red and white RCA cable to connect the transmitter to your TV as shown in Fig 5 (must be red and white ports labeled “AUDIO OUT” or “OUTPUT” on the back of the TV/TV box (cable/satellite box/DVD etc).

Note

1. Make sure to use TV Red/White ports labeled “AUDIO OUT” or “OUTPUT”, other Red/White ports are incorrect. (Ref. Fig 6)

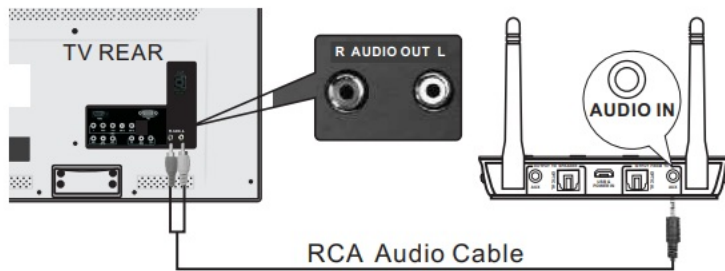


Fig 5

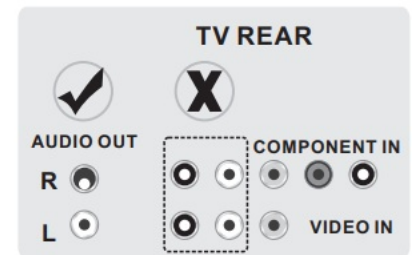


Fig 6

2. Ensure your TV speaker is set to “External Speakers”, or other suitable selections.
3. Please place the transmitter away from Router/smart WiFi TV/TV sticks/WiFi TV box to avoid interference.
4. TV speaker settings differ from TV brands and models. For more information, please refer to your TV manual or consult your TV manufacturer.

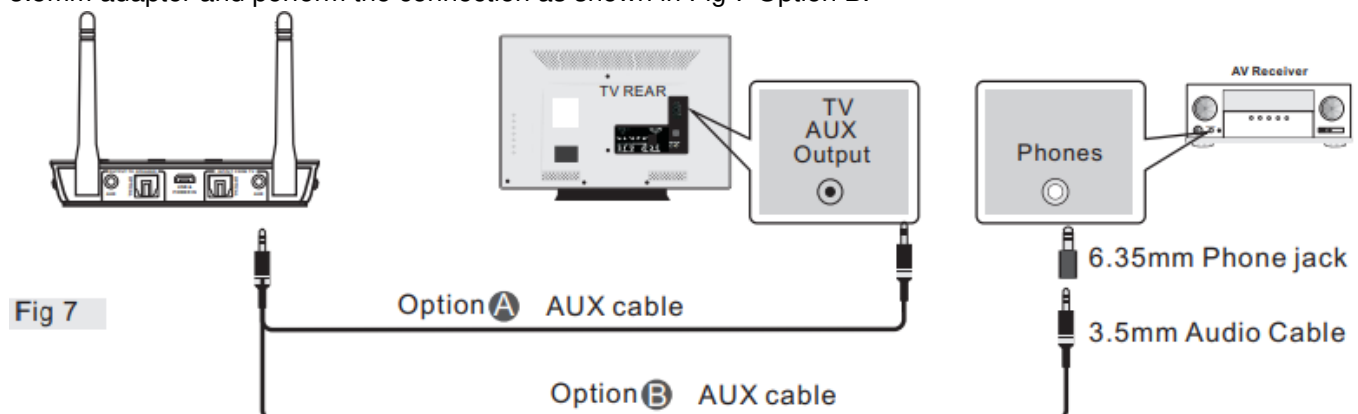
Note:

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.

3.5 AUX Connection & Connecting with AVR Using 6.35 Phone Jack

Select AUX via “OPT/AUX/USB” switch; use the 3.5mm AUX cable to connect the transmitter to your TV as shown in Fig 7 Option A.

If you are connecting the transmitter to your AV receiver’s 6.35mm BIG PHONE JACK, purchase a 6.35mm to 3.5mm adapter and perform the connection as shown in Fig 7 Option B.



Note:

1. Ensure your TV speaker is set to “Headset”, or other suitable selection.

2. You may plug a wired headset/earphone into the 3.5mm audio out port of the TV/ TV box (cable/satellite box/DVD etc) to test whether if you can hear the sound. (Ref. Fig 9)
3. Please place the transmitter away from Router/ smart WiFi TV/TV sticks/WiFi TV box to avoid interference.
4. TV speaker setting differ from TV brands and models. For more information, please refer to your TV manual or consult your TV manufacturer.

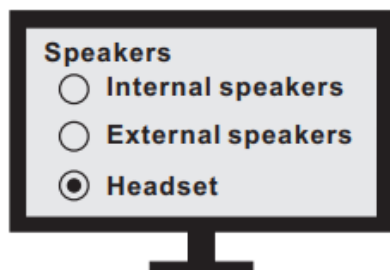


Fig 8

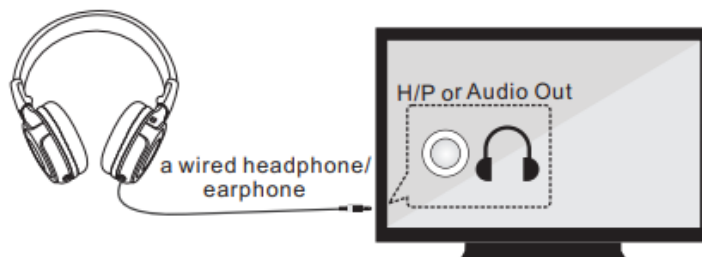


Fig 9

5. Connect to TV & DVD/STB/other devices at the same time (Ref. Fig 2-12), just press OPT or AUX according to the audio source being played, avoiding repeated unplugging and connecting between different audio sources(Ref. Fig 10)

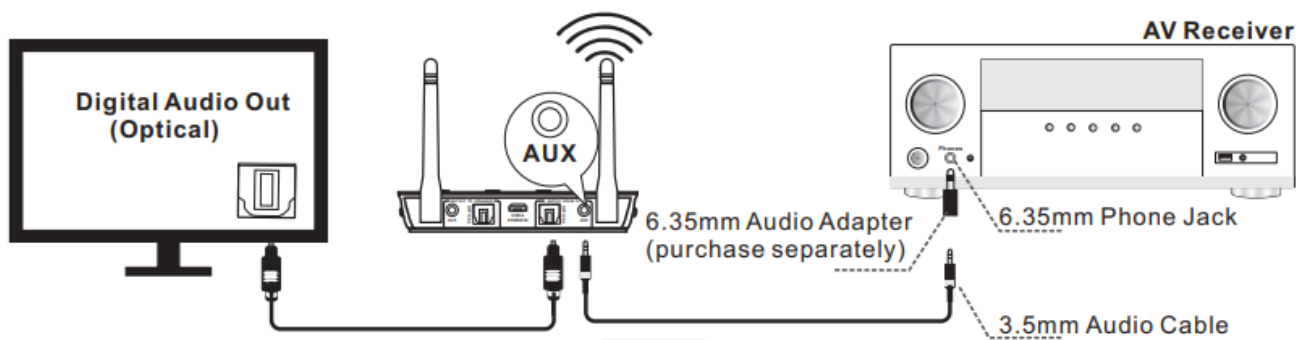


Fig 10

Connect SIMOLIO JH-202D to Your PC/Laptop

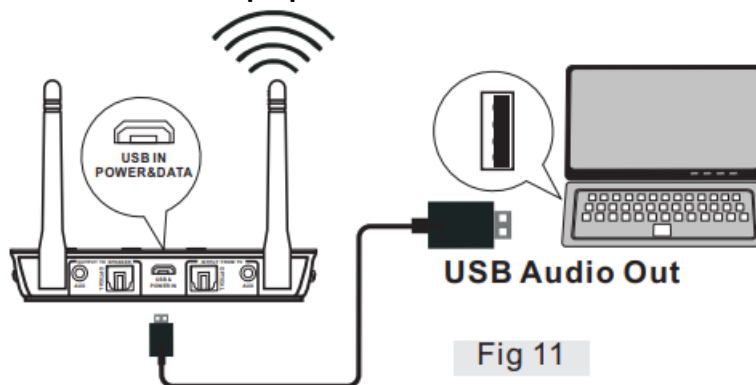


Fig 11

Select "USB" via "OPT/AUX/USB" switch and the USB LED will light up white. Then use the supplied USB cable to connect SIMOLIO JH-202D Bluetooth transmitter to your PC/Laptop.

Please note:

If the USB cable you used for connection is not the supplied one, please make sure that the USB cable supports both data syncing and power charging.

Disconnect and Reconnect in TX Mode

Disco

To disconnect, you may either turn off Bluetooth receiver, or the Bluetooth on the transmitting device like cell phone, PC, etc...

Reconnect

SIMOLIO JH-202D will automatically connect to the last paired devices after both devices are powered on. If not, please restart either the Bluetooth headphones or Bluetooth transmitter.

Use SIMOLIO JH-202D as Bluetooth Receiver (RX Mode)

Power on and Set up SIMOLIO JH-202D Bluetooth Receiver

- **Step 1:** Connect Bluetooth receiver to a power source using the supplied USB cable. (Ref. Fig12) SIMOLIO JH-202D
- **Step 2:** Connect your speaker to Simolio JH-202D Bluetooth receiver using one of the three audio cables provided (optical/RCA/3.5mm AUX). (Ref. Fig 13)

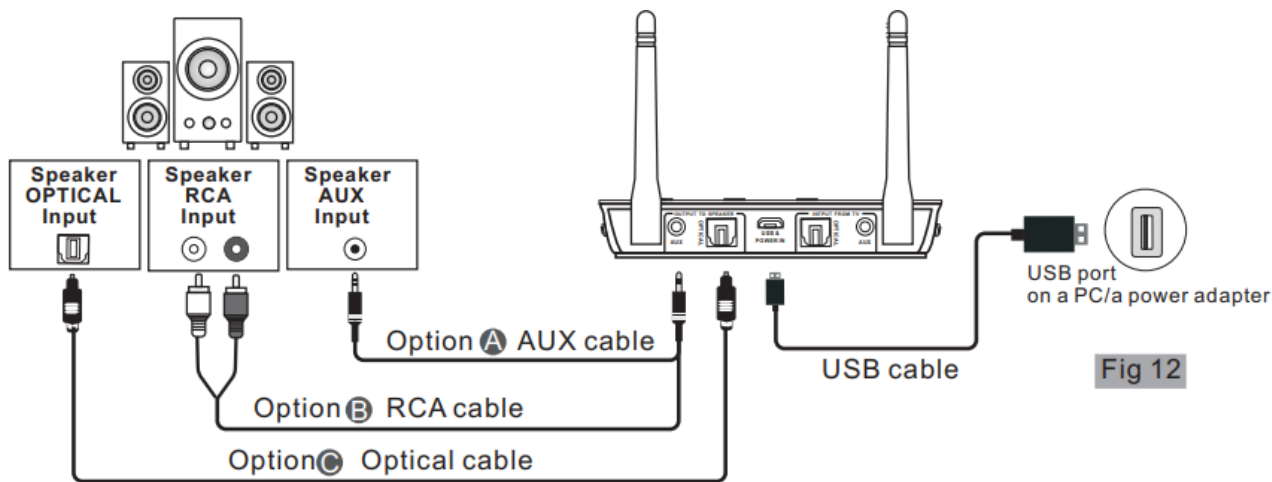


Fig 13

- **Step 3:** Switch the “ON/OFF” switch to “ON” position. You will hear “Power on” from your speaker.
Please note: The receiver will automatically power off if there is no connection for 10 minutes.
To use it again, switch the receiver off first, and then on again.

Connect SIMOLIO JH-202D to Bluetooth-enabled Device

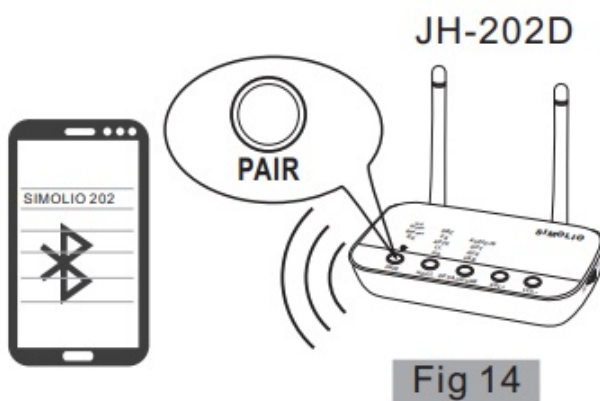


Fig 14

- Step 1: Activate Bluetooth on your phone, PC, Tablet, etc. The following paths are popular: (Ref. Fig 14)
iPhone: Settings>Bluetooth>Bluetooth: On; Andriod: Settings>Bluetooth: On>Scan for devices (Operation may vary slightly across devices. For more details, please refer to your device’s user manual)
- Step 2: Select “SIMOLIO 202” from the available devices on your phone, PC, Tablet, etc. (You may confirm the pairing status on your phone)
- Step 3: Once successfully paired, you will hear “Connected”. The Bluetooth indicator will turn solid blue.

Disconnect and Reconnect in RX Mode

- **Disconnect:** To disconnect, you may either turn off Simolio Bluetooth receiver, or the Bluetooth on the transmitting device like cell phone, PC, etc...
- **Reconnect:** Turn it on again, and Simolio will automatically reconnect with last paired device. If not, please reboot the Simolio receiver.

Note: Simolio JH-202D cannot connect to 2 transmitting devices simultaneously (like smart phone, tablet, PC, iPad). To connect Simolio to a different transmitting device, first make sure Simolio is disconnected, then re-enter the Simolio into pairing mode by pressing and holding the "PAIR" button for 5 seconds until the RED and BLUE LED flashing alternately quickly.

Use Bypass Function

Bypass mode allows you to stream audio from TV AND TV speakers /sound bar via cable simultaneously. It works under TX & Bypass mode and Bypass only mode. In Bypass only mode, only Bypass works. In TX mode, Bluetooth transmitting function and Bypass can work at the same time.

Bypass ONLY Mode

- **Step 1:** Power on SIMOLIO JH-202D: connect SIMOLIO JH-202D Bluetooth receiver to a compatible USB power adapter(5V 500mA-2A), plug the other end of the USB cable into the port labeled "USB & Power IN".
- **Step 2:** Switch the "ON/OFF" switch to "ON", and switch "TX&bypass/RX" to "Bypass", Bypass LED indicator will light up solid white.
- **Step 3:** Connect SIMOLIO JH-202D to the speakers or other suitable audio devices using any of the three audio cables as shown in Fig 13 on Page 14. (Ref. Fig13)

TX+Bypass Mode

- **Step 1:** Power on SIMOLIO JH-202D: connect SIMOLIO JH-202D Bluetooth receiver to a compatible USB power adapter(5V 500mA-2A), plug the other end of the USB cable into the port labeled "USB & Power IN".
- **Step 2:** Switch the "ON/OFF" switch to "ON", and switch "TX&bypass/RX" to "TX&bypass", TX LED indicator will light up solid white.
- **Step 3:** Connect your TV, DVD, CD player or other suitable audio devices to the "OPTICAL INPUT FROM TV" or "AUX INPUT FROM TV" on SIMOLIO JH-202D, select "OPT" or "AUX" audio input via "OPT/AUX/USB" button accordingly.

Connect SIMOLIO JH-202D to the speakers or other suitable audio devices using any of the three audio cables. **Please note in this TX+ bypass mode, it will only work when:**

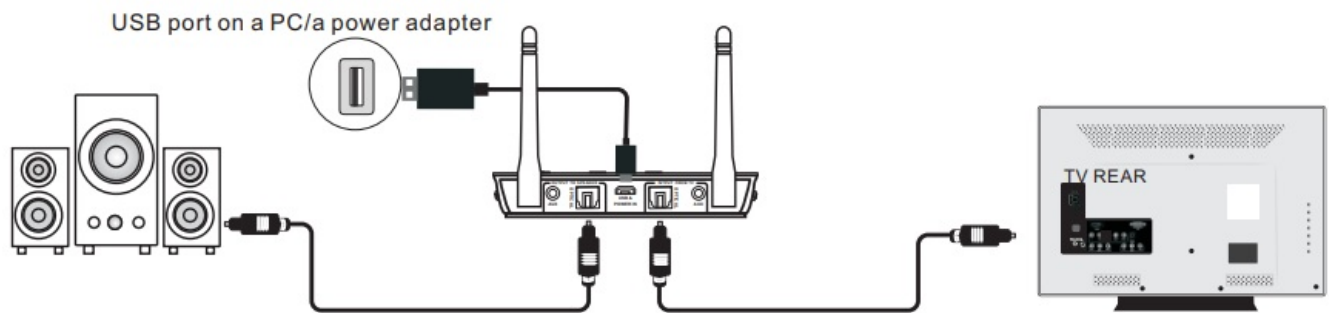


Fig 15

Audio input from TV	Audio input selected	Output to speakers
OPT	OPT	OPT
AUX	AUX	AUX

Clear Pairing History

Disconnect all the Bluetooth devices connected, press and hold the “Bluetooth Button” simultaneously for 10 seconds until the Bluetooth indicator flashes red and blue alternately. After the pairing history is cleared, SIMOLIO JH-202D will automatically enter pairing mode, with Bluetooth indicator flash RED and BLUE alternately.

Troubleshooting

When used as Bluetooth transmitter

Phenomena	Causes	Solutions
Not connected	Either SIMOLIO or Bluetooth receiving devices are not in pairing mode, or connected to other Bluetooth devices.	Turn off other Bluetooth devices, clear pairing history of SIMOLIO transmitter and Bluetooth headphones and receivers, repair.
		Check by connecting SIMOLIO JH-202D to other Bluetooth headphones.
		Check the Bluetooth headphones by pairing the headphones to other audio devices like cell phones, Bluetooth enabled PC, etc...
	The selection of audio input on the transmitter is wrong.	Check transmitter's audio setting. Set SIMOLIO to the right mode. OPT for optical input, and AUX for AUX & RCA input, USB for USB input.

Phenomena	Causes	Solutions
No sound	TV audio output is disabled or not activated.	Check TV Audio setting. Set TV Sound Output to “External Speakers” or other suitable settings. (Settings depends on TV brand and model.)
	The audio out format of TV and TV related AV devices is not set to PCM.	Check TV audio format setting. When performing the digital optical connection, please remember to set TV Audio Format to PCM. (Settings depends on TV brand and model.)
	The audio out port of the connected audio device is defective (no signal out).	Check by connecting SIMOLIO to another audio source, or check via a wired headset if you are using the AUX port for connection.
	TV volume is turned down to ZERO.	Increase your TV volume.
	When using the transmitter on a PC/laptop, the AUX cable and the USB cable are connecting to the transmitter simultaneously.	Unplug the AUX cable and make sure that “USB” audio input is selected.

Phenomena	Causes	Solutions
Sound cuts in and out	Bluetooth headphones are far from SIMOLIO JH-202D.	Move the Bluetooth headphones closer to the transmitter. Please note that work range is decided by both devices on both ends. You may test the workrange of your Bluetooth headphones with your cell phone, for example.
	Unstable Bluetooth connection.	Reset the transmitter and Bluetooth devices. / Clear pairing history and repair.
	Physical obstacles or wireless signal interference.	Remove obstacles, and put the transmitter away from the interference sources, including Router/ smart WiFi TV/TV sticks/WiFi TV box..., if any.
	Faulty audio out port.	Check by connecting SIMOLIO to another audio source, or check via wired headphones if you are using the AUX port for connection.
	Loose audio cable connection between TV and transmitter.	Make sure the connection is firm between the transmitter and TV/other audio source.
	Faulty audio cable.	Check by using another audio cable.

Phenomena	Causes	Solutions
Audio delay	The Bluetooth transmitter is set to “HD” codec when your Bluetooth headphones support both “HD” and “LL”.	Please set the Bluetooth transmitter to “LL” codec.
	Bluetooth headphones are NOT aptX LL supported.	Please make sure the Bluetooth headphones support aptX LL codec. For certified device list, please go and check on www.aptx.com . SIMOLIO aptX supported Bluetooth headphones including: JH-716B
		With dual-link, please make sure that both Bluetooth headphones paired to SIMOLIO transmitter support aptX LL codec.
Transmitter cannot be powered successfully	Faulty USB cable.	Check by using another workable TYPE C USB cable.
	Faulty Power source.	Check by using another power source like PC USB port, socket, different USB charger(5V/500mA-2A).
Audio delay when watching TV	Bluetooth transmitting device is not aptX LL supported.	Please make sure the Bluetooth transmitting device supports aptX LL codec. For certified device list, please go and check on www.aptx.com .

When Used as Bluetooth receiver

Phenomena	Causes	Solutions
Not working in HD codec	Bluetooth transmitting device is not aptX HD supported.	Please make sure the Bluetooth transmitting device supports aptX HD codec. For certified device list, please go and check on www.aptx.com .
No sound	Volume is zero or too low.	Turn up the volume.
	The analog audio cable is plugged into the AUDIO IN jack of the receiver when connecting with the optical cable.	Unplug the analog audio cable from the receiver.
Not connected	Either Simolio or Bluetooth transmitting device is not in pairing mode, or is connected to other device.	Turn off Bluetooth on other devices, clear pairing history of Simolio receiver and your Bluetooth transmitting audio device, then repair.
		Check by connecting to another phone, iPad, tablet, Bluetooth PC, etc...
		Check your Bluetooth transmitting device by pairing it to another Bluetooth headset.

Phenomena	Causes	Solutions
Sound cuts in and out/ static	Short working range of Bluetooth transmitting device.	Move Simolio receiver closer to your Bluetooth transmitting device. Please note that work range is decided by both devices on both ends. You may test the work range of your Bluetooth phone/ PC/tablet with another Bluetooth headset.
	Unstable Bluetooth connection.	Reset Simolio and Bluetooth transmitting device like cell phone, PC, etc.../ Clear pairing history and repair.
	Physical obstacles or wireless signal interference.	Remove obstacles. Put Simolio receiver away from interference sources, including Router/ smart WiFi TV/ TV sticks/WiFi TV box..., if any.
	Volume on Bluetooth device is low.	Check and turn up the volume of your Bluetooth device.
Low volume from the speaker/ stereo, etc.	Volume on your speaker, stereo, etc. is set low.	Check and turn up the volume of your speaker, stereo, etc.
Receiver cannot be powered successfully	Faulty USB cable.	Check by using another workable USB cable.
	Faulty Power source.	Check by using another power source like PC USB port, socket, different USB charger(5V/500mA-2A).

When using the Bypass Function

Phenomena	Causes	Solutions
No sound	The audio input and output are different type when SIMOLIO JH-202 D are working under "TX+BYpases"	Make sure the audio input and output are of the same type i.e. AUX input to AUX output, OPT input to OPT output.
Audio delay when watching TV	Bluetooth transmitting device is NOT aptX supported.	Please make sure the Bluetooth transmitting device support aptX LL codec. For certified device list, please go and check on www.aptx.com . SIMOLIO aptX supported Bluetooth headphones including: JH-716B.
SIMOLIO Receiver cannot be powered successfully	Faulty USB cable.	Check by using another workable type USB cable.
	Faulty Power source.	Check by using another power source like PC USB port, socket, different USB charger(5V/500mA-2A).

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:


- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Documents / Resources

	<p>SIMOLIO JH-202D Bluetooth Transmitter Receiver [pdf] User Manual JH-202D, JH202D, 2AYV2JH-202D, 2AYV2JH202D, JH-202D Bluetooth Transmitter Receiver, Bluetooth Transmitter Receiver, Transmitter Receiver</p>
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References

-  [Qualcomm® aptX™: Wireless High Resolution Audio Via Bluetooth](#)