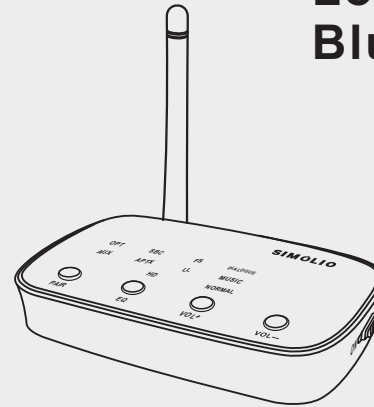


# SIMÓLIO

## Long Range Low Latency Bluetooth Audio Receiver

MODEL: JH-211



## User Manual



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Thank you for purchasing SIMOLIO JH-211 Bluetooth receiver. Please 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

AptX@ Low Latency and aptX@ HD

To take full advantage of the aptX Low Latency and/or aptX HD codec, the paired devices must support the aptX Low Latency and/or aptX HD codec as well. If the paired devices support only standard aptX or SBC, Simolio Bluetooth receiver would default to aptX or SBC codecs.

Audio delay with different paired devices:

Paired devices supported codec	The audio delay will be
aptX Low Latency codec	40ms
aptX codec	70ms
SBC codec(with most standard Bluetooth audio devices on the market)	220ms

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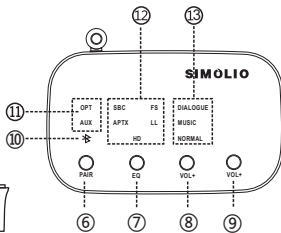
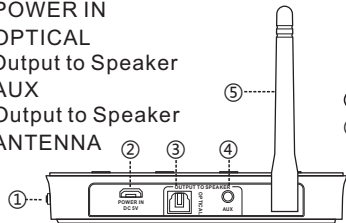
## 1. Product Diagram

①-ON/OFF Switch

②-POWER IN

③-OPTICAL  
Output to Speaker④-AUX  
Output to Speaker

⑤-ANTENNA



⑥-PAIR

(BT Button/MFB Button)

⑦- EQ Switch

⑧-VOL+

⑨-VOL-







⑩-Bluetooth Status Indicator

⑪-Audio Connection Indicators

⑫-Codec Indicators

⑬-EQ Mode Indicators

## 2. Packaging Contents

Simolio Bluetooth Receiver *1 	Optical Cable *1 	RCA Audio Cable *1 	3.5mm AUX Audio Cable *1 	Micro USB Charging Cable *1 	User Instruction *1 
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## 3. Buttons and Functions

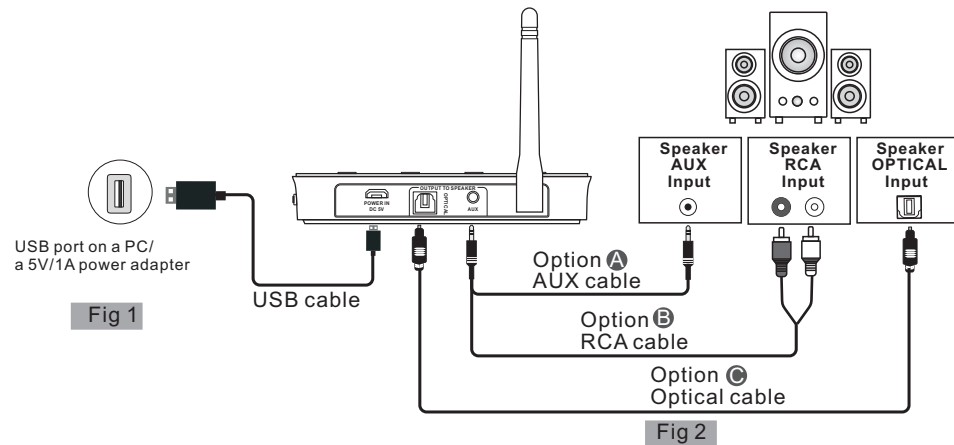
Button	Function	Operation
ON/OFF Switch	Turn on the receiver	Slide "ON/OFF" Switch to "ON"
	Turn off the receiver	Slide "ON/OFF" Switch to "OFF"
PAIR Button (MFB)	Enter pairing mode	Press and hold the "PAIR" button for 3 seconds, then the receiver will enter pairing mode with RED and BLUE flashing alternately
	Exit pairing mode	Press "PAIR" once when receiver is in pairing mode
	Play/Pause audio	Press the "PAIR" button once when connected
	Disconnect paired device	Short press the "PAIR" button twice in a row
EQ Switch	For richer, more lively music streaming	Press "EQ" button to select "MUSIC" mode
	For boosted dialogue clarity in TV programs and films, etc	Press "EQ" button to select "DIALOGUE" mode
	For well-balanced sound	Press "EQ" button to select "NORMAL" mode
VOL+	Volume UP	Short press "VOL+" to turn up volume
	Next track	Press and hold "VOL+" for 2 seconds for next track
VOL-	Volume DOWN	Short press "VOL-" to turn down volume
	Previous track	Press and hold "VOL-" for 2 seconds for previous track

#### 4. 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 with Bluetooth audio device
OPT LED turns solid white	Working with optical connection
AUX LED turns solid white	Working with RCA/3.5mm AUX connection
SBC LED turns solid white	Connected using SBC codec
FS LED turns solid white	Connected using FS codec
aptX LED turns solid white	Connected using aptX codec
LL LED turns solid white	Connected using aptX LL codec
HD LED turns solid white	Connected using aptX HD codec
DIALOGUE LED turns solid white	DIALOGUE mode selected
MUSIC LED turns solid white	MUSIC mode selected
NORMAL LED turns solid white	NORMAL mode selected

#### 5. Power and Turn on Simolio JH-211 Bluetooth Receiver

**Step 1:** Connect Simolio JH-211 Bluetooth receiver to a power source using the supplied USB cable. (Ref. Fig1)



**Step 2:** Connect your speaker to Simolio JH-211 Bluetooth receiver using one of the three audio cables provided (optical/RCA/3.5mm AUX). (Ref. Fig 2)

**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.

## 6. Connect Simolio JH-211 Bluetooth Receiver to Bluetooth-enabled Device

- Step 1:** Activate Bluetooth on your phone, PC, Tablet, etc.  
The following paths are popular: (Ref. Fig 3)  
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 "Joan C" 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.

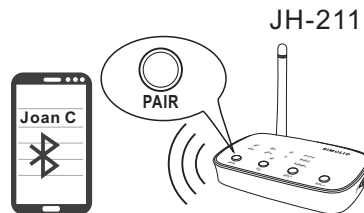


Fig 3

## 7. Disconnect and Reconnect

- 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.
- To connect Simolio to a second transmitting device** like phone, PC, iPad, etc, 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.

## 8. How to Clear Pairing History

To clear the pairing history of Simolio JH-211 Bluetooth receiver, please first disconnect your phone, PC, Tablet, etc. Then long press and hold the "PAIR" and "EQ" button simultaneously for 10 seconds until the Bluetooth indicator flashed out BLUE and RED alternatively with two beeps. After the pairing history is cleared, the receiver will automatically go into pairing status.

## 9. Troubleshooting

Phenomena	Causes	Solutions
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 <a href="http://www.aptx.com">www.aptx.com</a> .
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 <a href="http://www.aptx.com">www.aptx.com</a> .
No sound	Volume is zero or too low.	Turn up the volume.
	Simolio is not set as the default playback device when Simolio is connected to PC.	Right click speaker icon on taskbar>playback devices>select Joan C and set as default.
	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.

Phenomena	Causes	Solutions
Not connected	Either Simolio or Bluetooth transmitting device is not in pairing mode, or is connected to other device.	Turn off Bluetooth on other device, 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.
Sound cuts in and out	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.
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).

## 10. Product Specifications

BT Version	5.0
Supported Profiles	A2DP, AVRCP
Carrier frequency	2.4GHz ISM
Range	Up to 197ft line-of-sight in open air
	Up to 50-70ft indoors with no obstacles or interference
Audio Codec Supported	SBC, FS, aptX, aptX LL, aptX HD
Input Voltage	DC 5V 1A

## 11. Limited Warranty

Simolio offers a 12-month limited warranty for brand-new purchases from authorized sellers. The 12 month warranty will cover defects in manufacturing and product failure for a period of 12 months from the original date of purchase. The 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 cables are not covered under this warranty.

Please contact: [support@simolio.com](mailto:support@simolio.com) (for NA/AU) or [support\\_uk@simolio.com](mailto:support_uk@simolio.com) (for UK) and provide your Amazon order ID to register the warranty.

Response Time: 2-24h, excl. Holidays