

# SUNITEC RTS2 Wireless Audio Receiver and Transmitter



## SUNITEC RTS2 Wireless Audio Receiver and Transmitter User Guide

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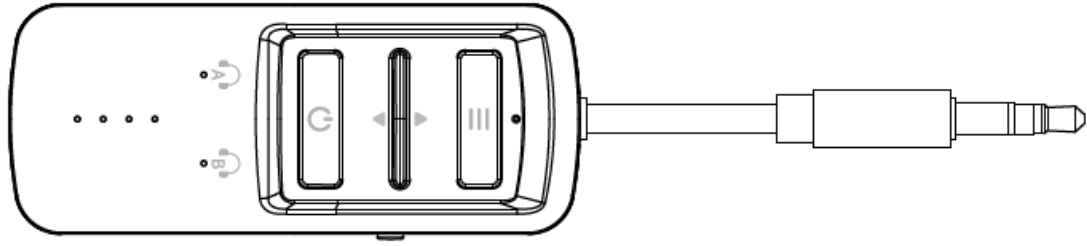
# SUNITEC

**SUNITEC RTS2 Wireless Audio Receiver and Transmitter**

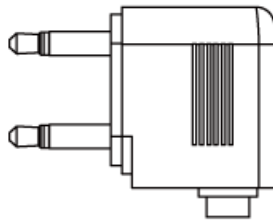


## Box Contents

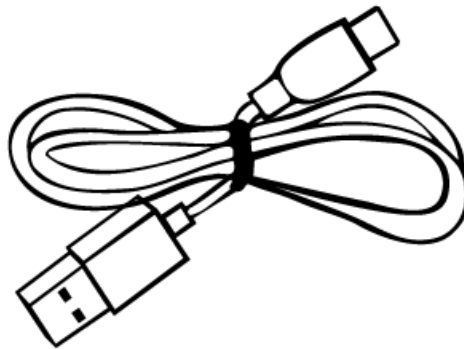
## **A** RTS2



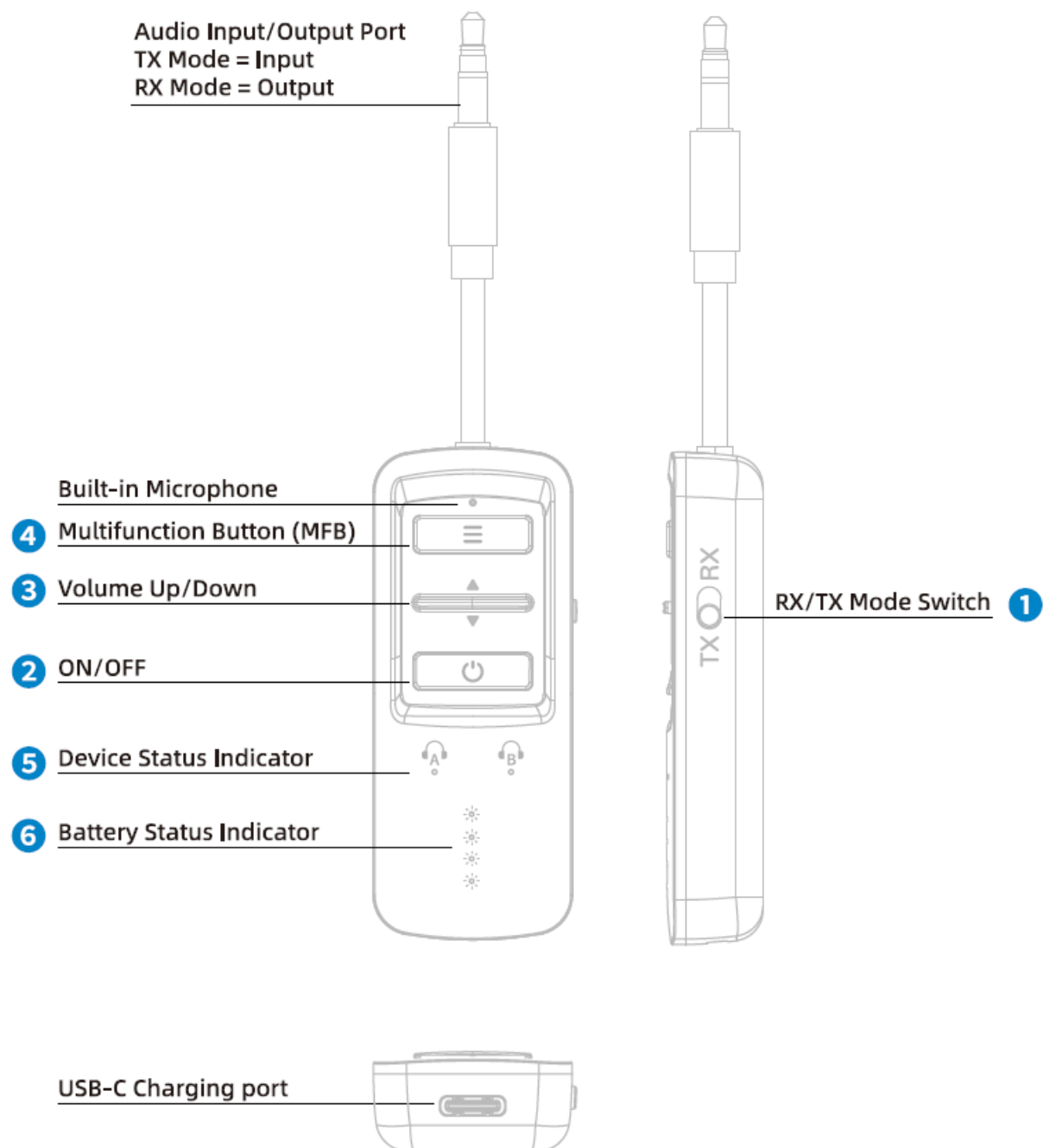
## **B** Audio jack configurations on airplanes vary







## **C** USB-C Charging Cable

























## Product Overview



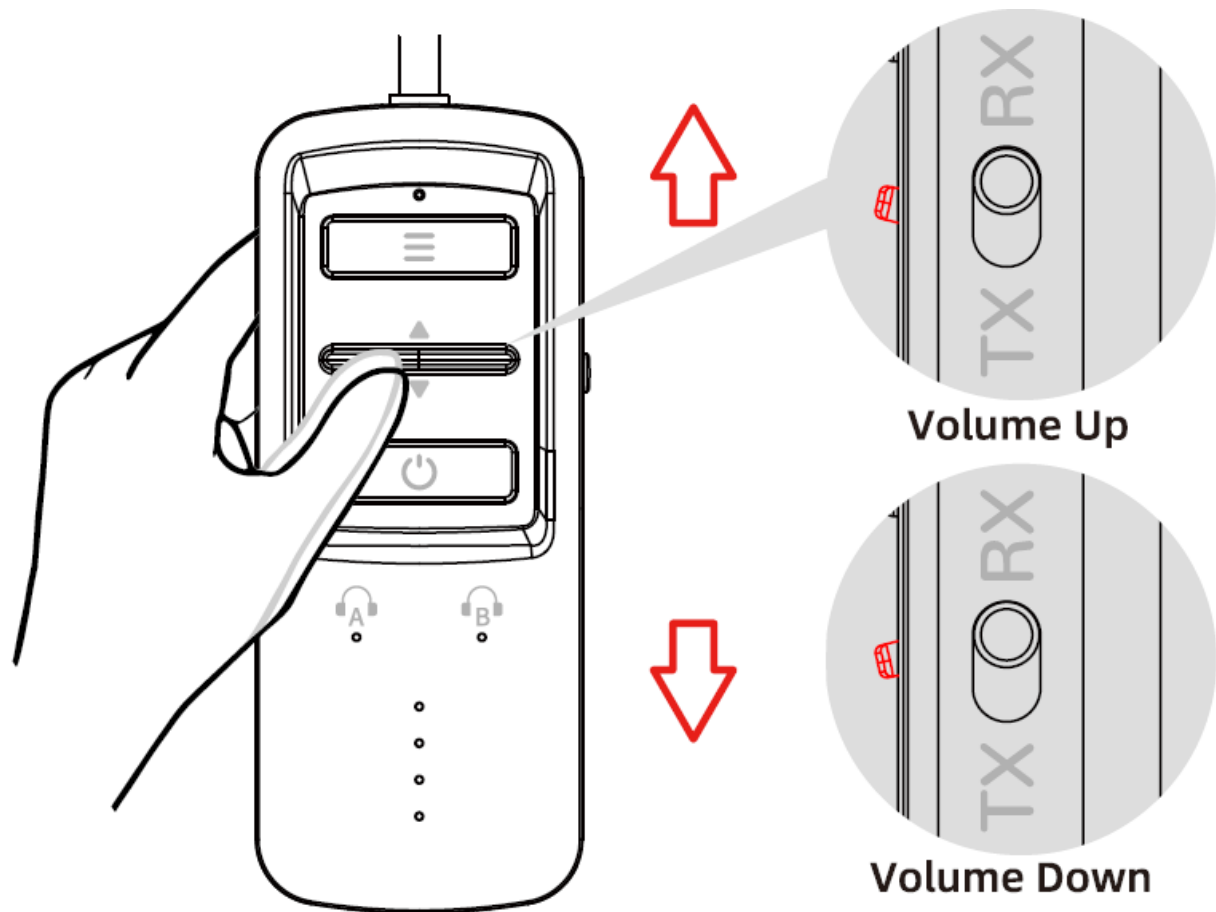
## Button Functions

No.	Button	Function	Button Control
1	TX  RX	Set RX(Receiver) mode	Switch to RX side
		Set TX(Transmitter) mode	Switch to TX side
2		Power ON/OFF	Long press for 2 seconds
		Check battery level	Click/Double-click
		Exit pairing mode	Click
3		Volume Up/Down	Press Up/Down
		Previous/Next song	Long press up/down for 1 seconds
4		Enter pairing mode	Double-click
		Play/Pause	Click
		Reset paired list	Long press for 10 seconds
		Answer/End Call	Click
		Reject Call	Long press for 2 seconds

#### LED Indicators

No.	LEDs	Status	Indicator
5	 	Power ON	 Blue 1x
		Power OFF	 Red 1x
		Enter pairing	  Red and Blue alternately
		Pairing successful	 Blue 3x
		Reset paired list	 Red 3x
		Audio encoding format	 =SBC  = AAC  = APTX  =APTX-LL  =APTX-HD/AD  = HFP (Handset Free)
6	   	Battery level	 :  :  :  25% 50% 75% 100%
		Low Battery	Last LED 3x per 10 seconds
		Critical battery	All LEDs 3x per 10 seconds
		Charging	Current battery level LED flash
		Charging full	All LEDs permanently on

#### Volume Adjustment



## Audio Encoding Format Support List

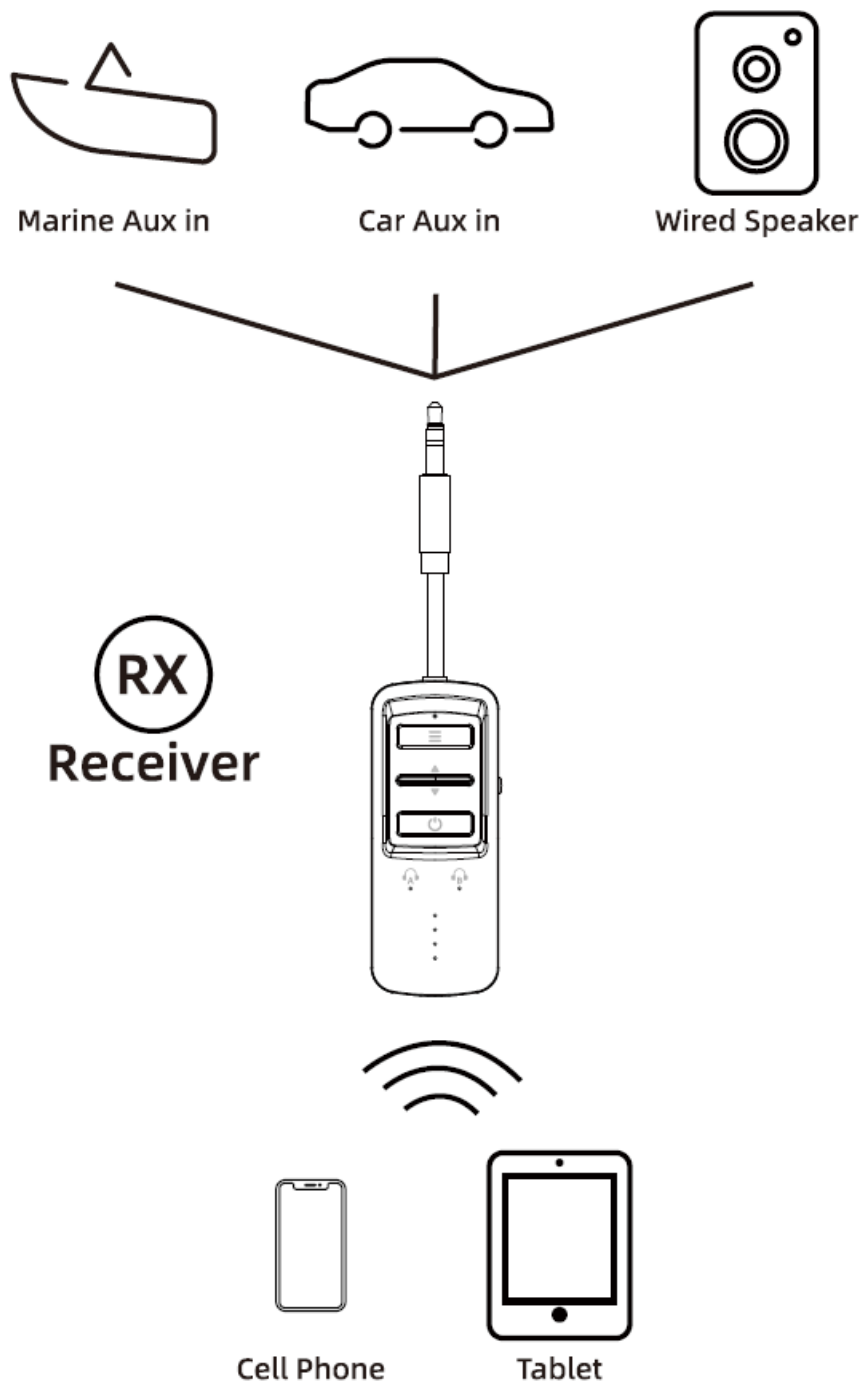
Audio Encoding Format	RX Mode	TX Mode	
		Connect 1 Device	Connect 2 Devices
SBC	√	√	√
AAC	√	X	X
APTX	√	√	√
APTX-AD	√	√	X
APTX-HD	√	√	X
APTX-LL	X	√	X

## Remark

- **AD** = Adaptive
- **HD** = High Definition
- **LL** = Low Latency

## RX Mode Application Scenarios

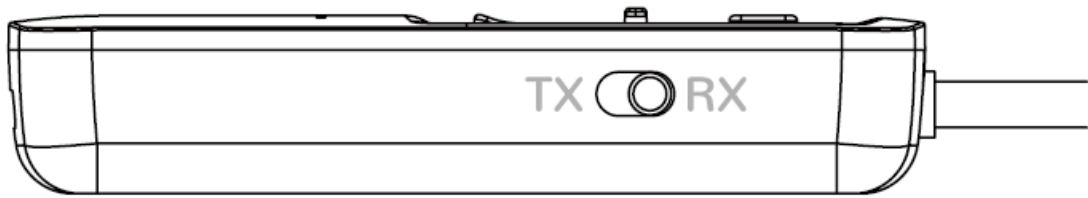
RTS2 is used as a Bluetooth receiver to receive audio playback from Bluetooth hosts such as mobile phones, tablets, and computers. The 3.5mm audio port of RTS2 serves as an audio output port, connecting to speakers, or to the Aux-in port of other playback devices.



## Usage of Receiver Mode

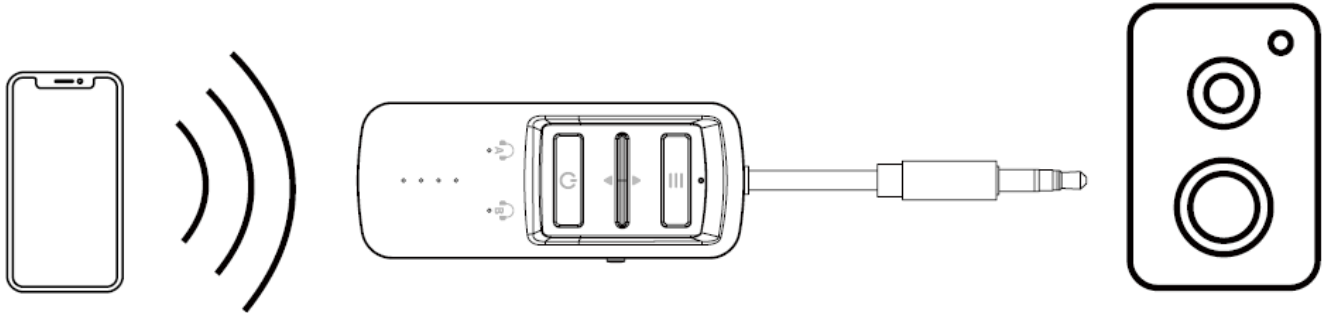
### Usage of Receiver Mode (RX)

1. Confirm the mode switch is pushed to the RX side, and long press power button for 2 seconds to power on RTS2.



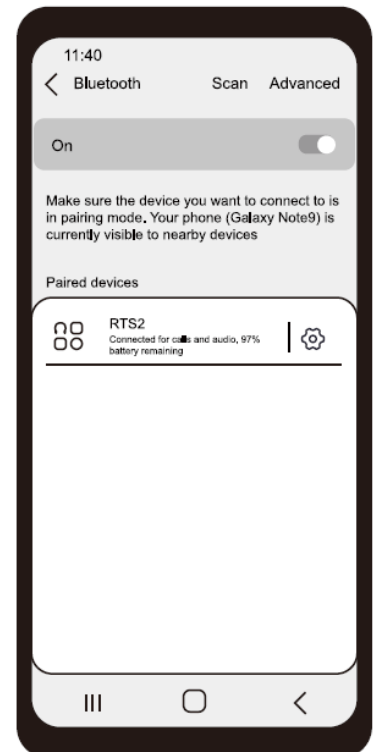
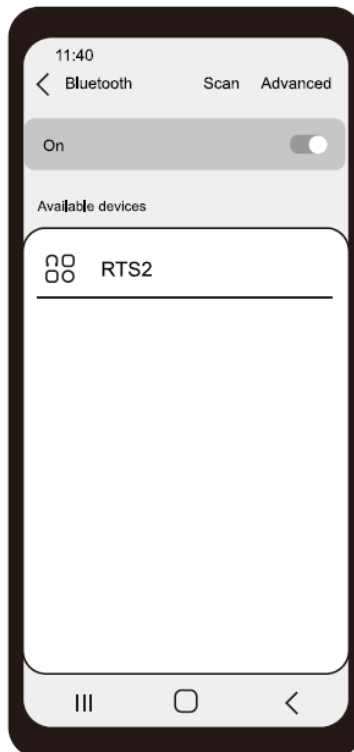
## RX/TX mode switch push to RX side

2. Connect the RTS2's 3.5mm audio output port to the playback device.



3. Follow these steps to pairing.

- Double click MFB button to enter the pairing
- Host side search and found Bluetooth device named RTS2
- Select and connected with RTS2



4. Pairing the second devices.

- After the first device has been connected, double-click the MFB button again to enter pairing mode (Device B's red and blue LED lights flash alternately), search for RTS on the second phone/tablet and connect it, after connected the Device B LED indicator will flash and shows status.

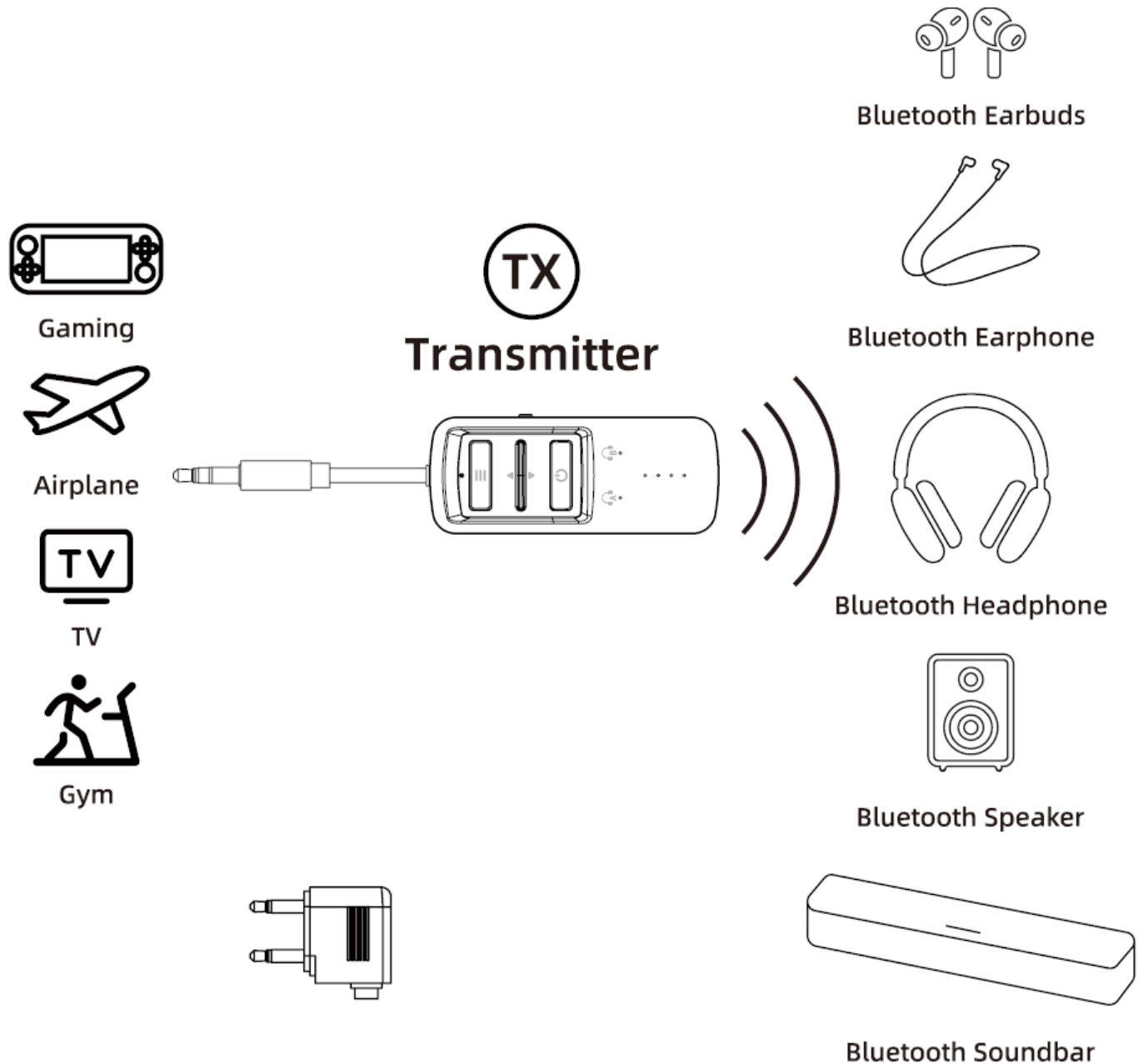
**Remark:**



- RTS2 can connect two devices in RX mode, but at the same time, only one device's audio can be played.

## TX Mode Application

RTS2 is used as a Bluetooth Transmitter. Its 3.5mm audio port serves as an audio input port, connecting to the 3.5mm audio output port of mobile phones, tablets, computers, televisions, airplanes, treadmills, or gaming consoles. It then transmits audio playback to Bluetooth headphones or speakers paired with the RTS2.



Audio jack configurations on airplanes vary.

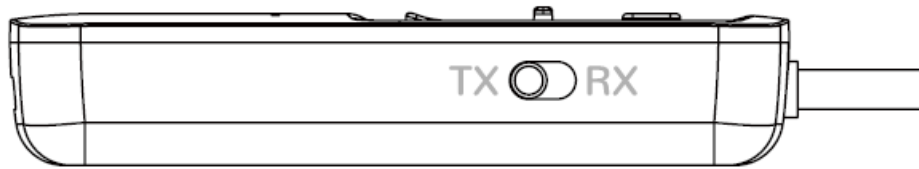
For a single 3.5mm jack, first use the audio cable plug directly;  
For a dual output jack, use the included adapter.

## Usage of Transmitter Mode

### Usage of Transmitter Mode (TX)

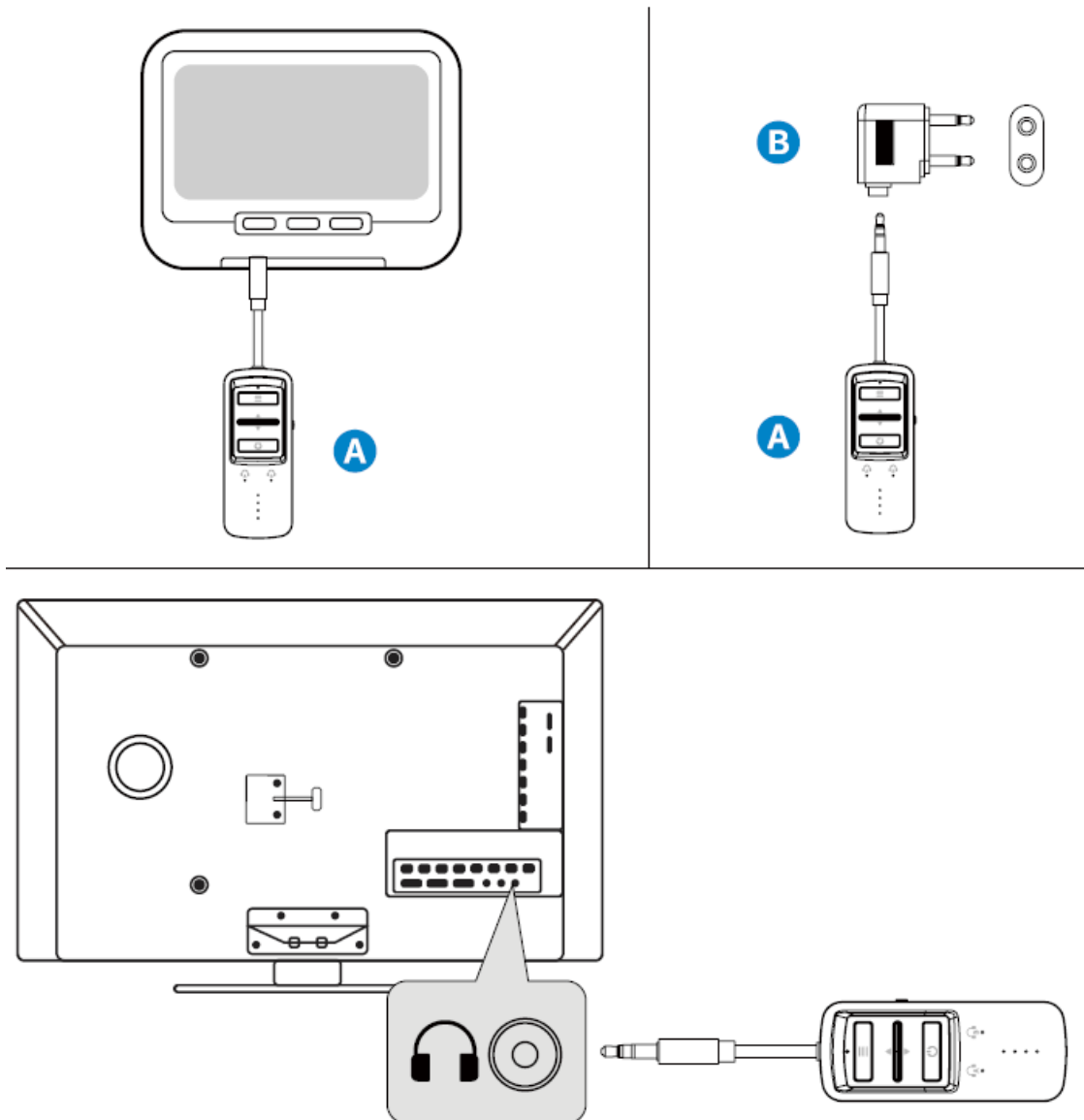
1. Confirm the mode switch is pushed to the TX side, and long press power button for 2 seconds to power on

RTS2.



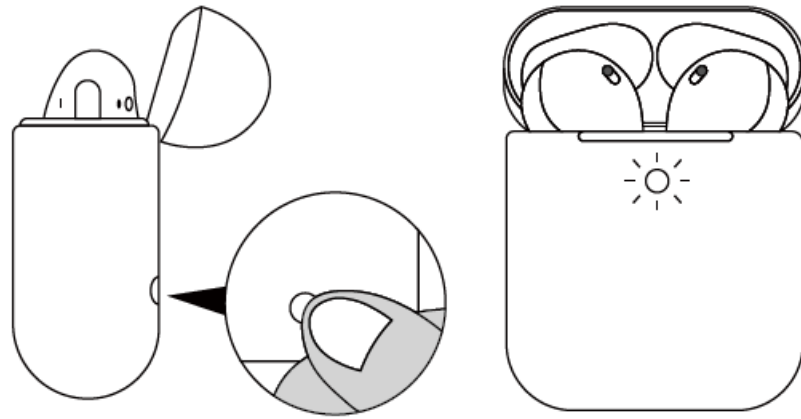
**RX/TX mode switch push to TX side**

2. Connect the RTS2's 3.5mm audio connector to the audio source device's output port.

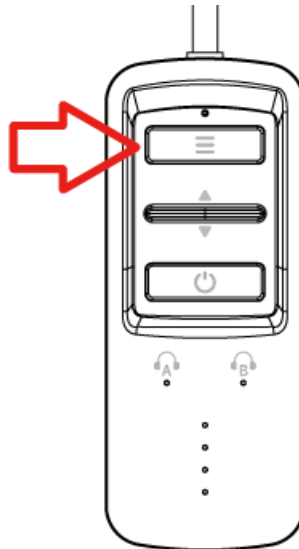


3. Follow these steps to pairing:

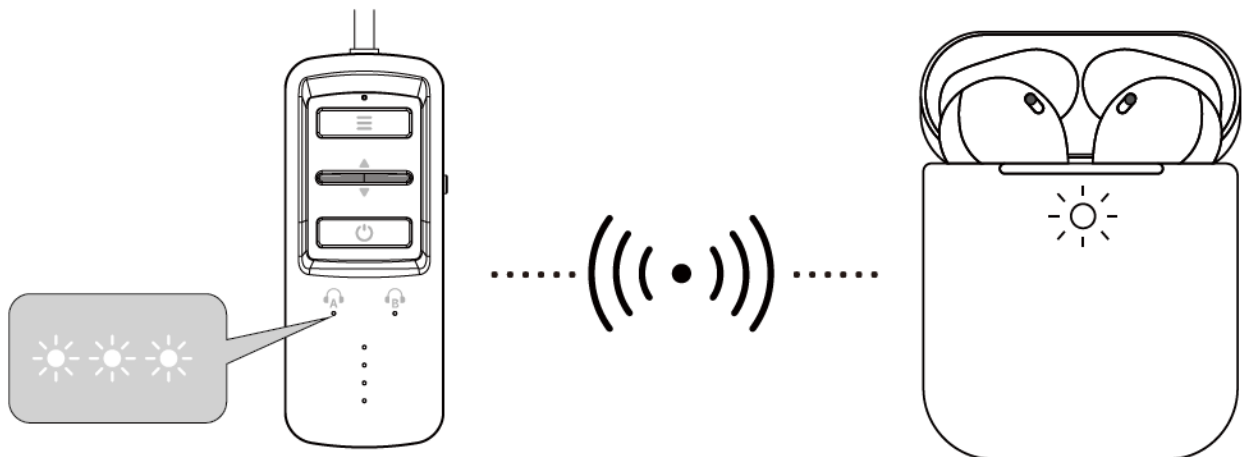
- Put the Bluetooth earbuds to be used by entering pairing mode.



- Double click MFB button to enter pairing mode.



- Wait for a moment for them to automatically paired successfully.



- Pairing the second devices.
  - After the first device has been connected, double-click the MFB button again to enter pairing mode (Device B's red and blue LED lights flash alternately), also set the second device to enter pairing mode, then RTS2 will search and pairing with it automatically, after connected the Device B LED indicator will flash and shows status.

#### Remark:

1. When paired with two devices in TX mode, the audio encoding format will automatically adapt to the lower format of the two devices.
  - e.g: A is BOSE earphones that support APTX/SBC, B is Airpods that support AAC/SBC, the TX format

will adapt to the common SBC format.

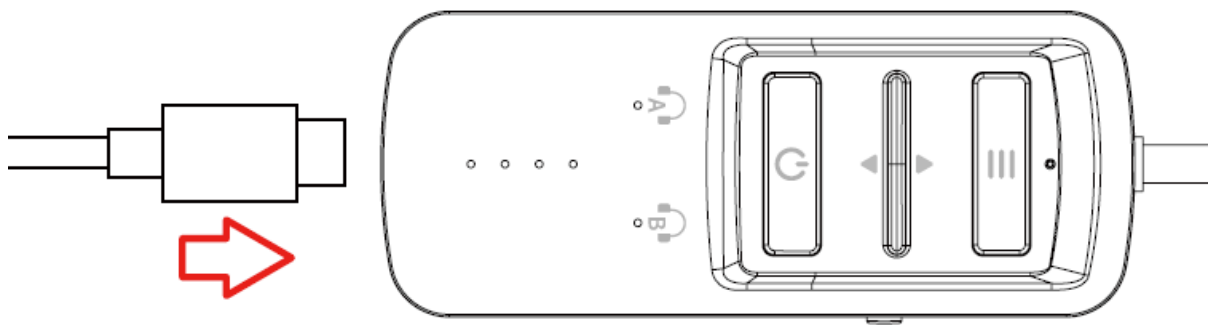
2. When paired with the second device in TX mode, there will be a short interruption of the audio playback before resuming the normal process, which is a normal phenomenon of automatically adapting to the second device's encoding format.
3. When paired with two devices in TX mode, one device moves beyond a distance of 10 meters, it will disconnect from the RTS2, causing a short interruption in audio playback on the other device, this is designed to adapt to the optimal audio decoding format.

## Charging Method

With a USB-C cable (attached with the package) to connect the adapter to USB port of your PC or charging source, the adapter will be charged. It takes about 1.5hours for full charging. When charging, the battery level LED is flash, and all LEDs permanently on at full charged.

### Remarks:

1. RTS supports using when charging, so there is no need to worry about battery life.
2. RX mode is automatically power on when charging port insert, convenient for use as a receiver in cars (turn on follow car start).
3. When the battery runs out, it will automatically shut down, and requires charging to start up and work again.



## Specification

- **Battery Life:** 20 Hours+ (depending on the actual volume and the sound source)
- **Charging time:** 1.5 Hours
- **Effective range:** 10 meters (33 feet)
- **Bluetooth Version:** 5.2

## FCC STATEMENT

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**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
2. this device must accept any interference received, including interference that may cause undesired operation.

## Warranty

### Warranty Terms

1. There is a manual and warranty card in the package.
  - User fill out the warranty card as the warranty certificate.
2. When adapter quality problems occur in normal use and not more than a year since the date of purchased, users can enjoy free repair services.
3. The following situations don't belong to the scope of warranty:
  - No dealer signature or seal in warranty card.
  - Artificial or force majeure cause damage.
  - Machine to normal wear and tear.
4. If the failure is caused by human factors, beyond the warranty period or force majeure factors, we will charge maintenance fees.
5. If the product fails and needs to be returned to the factory for warranty, please contact us:  
[yocowoco@outlook.com](mailto:yocowoco@outlook.com).

## Documents / Resources

	<p><a href="#">SUNITEC RTS2 Wireless Audio Receiver and Transmitter</a> [pdf] User Guide  RTS2, RTS2 Wireless Audio Receiver and Transmitter, Wireless Audio Receiver and Transmitter, Audio Receiver and Transmitter, Receiver and Transmitter, Transmitter</p>
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## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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