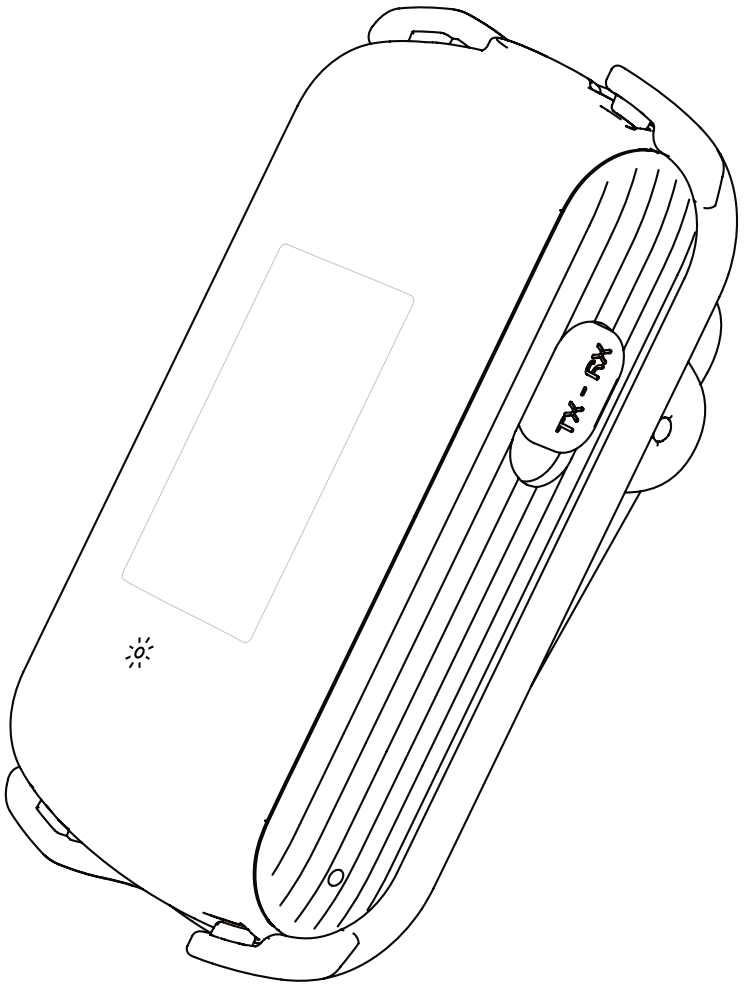
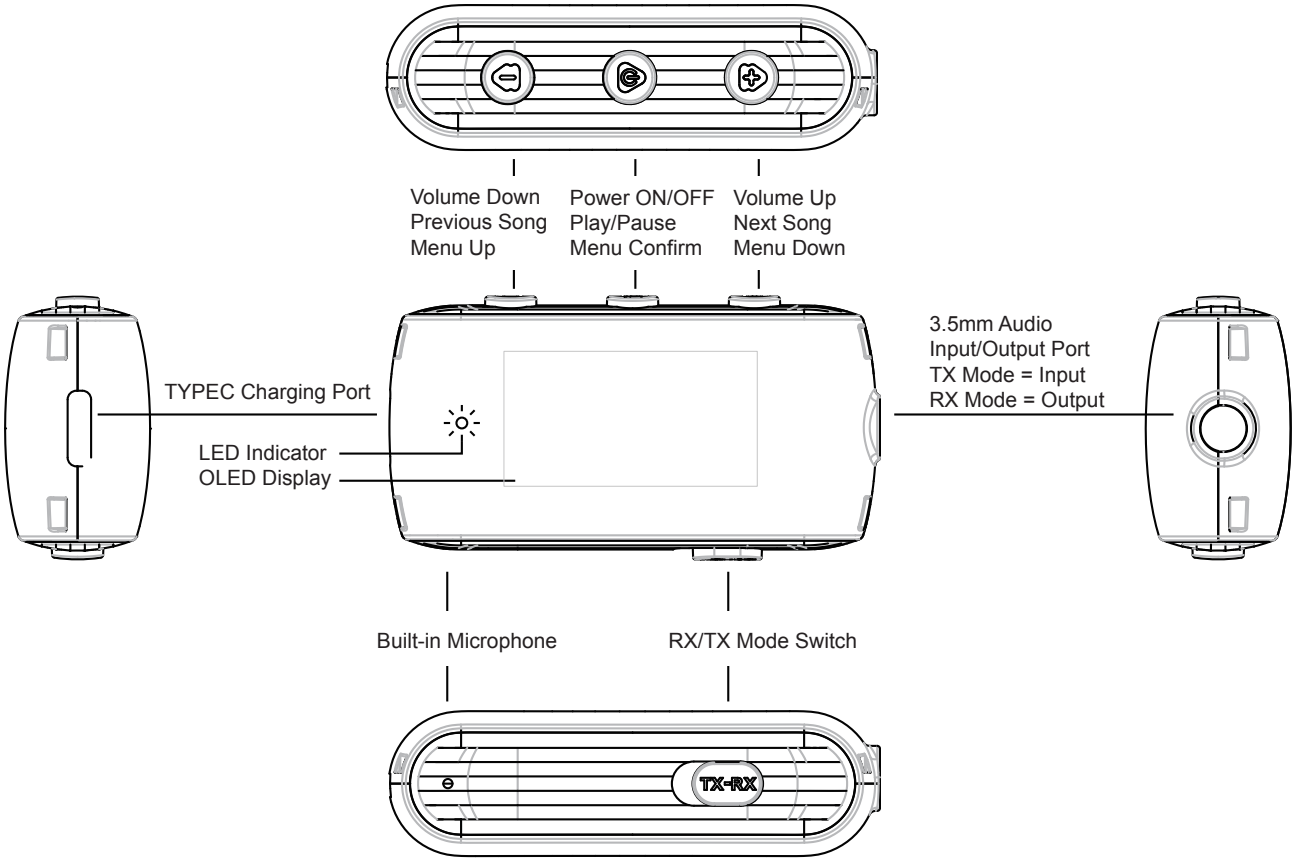
Product Number: RT3
160401-24033001 V10



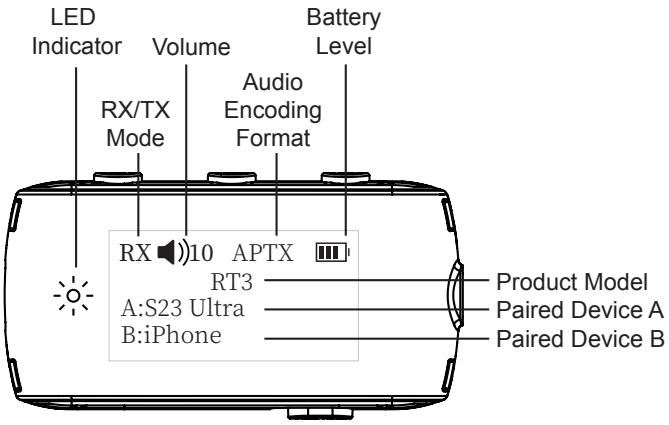
RT3

Wireless Audio Receiver & Transmitter

Product Details



Display Information



RX = Receiver Mode

TX = Transmitter Mode

= Imcoming call

= Volume Mute

= Low Battery

Back Clip Installation

Basic Operation

Function	Display Information	Button Control	LED States	Remark
Power On	Welcome	Long press Power button for 3 seconds	Blue LED light on for 2 seconds	If there is no operation within 10 seconds, the display will turn off to save power
Power Off	Goodbye	Long press Power button for 5 seconds	Red LED light on for 2 seconds	N/A
RX enter pairing mode	RX 🔇× 🔋 RT3 Pairing...	Double press Power button fast within 0.5 seconds	Red and Blue LED lights flash alternately	Display shows “Pairing…”
TX enter pairing mode	TX 🔇× 🔋 RT3 Searching...	Double press Power button fast within 0.5 seconds	Red and Blue LED lights flash alternately	Display shows “Searching…”
Exit pairing mode	N/A	Long press Power button for 3 seconds	N/A	Remark：When no device is paired in RX mode, it will automatically enter pairing mode, and the device cannot exit pairing mode at this time
RX: Pause/Play	RX 🔇× 🔋 RT3 A:iPhone	Click Power button	N/A	* Only available in RX mode
TX: Mute/ Unmute	TX 🔇× 🔋 RT3 A:Airpods	Click Power button	N/A	🔇× The speaker cross icon in TX mode indicates volume mute, pressing any button can unmute it * * Only available in TX mode

Function	Display Information	Button Control	LED States	Remark
Reset Paired List	Paired List Reset	Long press the Vol"+" and Vol"-" button at the same time for 5 seconds	N/A	Reset paired list in RX mode or TX mode requires separate operations
Previous Song	N/A	Long press Vol"-" for 1s	N/A	* Only available in RX mode
Next Song	N/A	Long press Vol"+" for 1s	N/A	* Only available in RX mode
Incoming Call	RX RT3 A:iPhone	N/A	N/A	The phone receiver icon indicates an incoming call. * Only available in RX mode
Answer/ End Phone Calls	N/A	Click Power button	N/A	* Only available in RX mode
Reject Phone Calls	N/A	Long Press Power button for 2 seconds	N/A	* Only available in RX mode
Low Batttery	TX RT3 A:Airpods	N/A	Red LED flashes 3 times every 10 seconds	The hollow battery icon indicates low battery level, please charge it in a time

Audio Encoding Format Support List

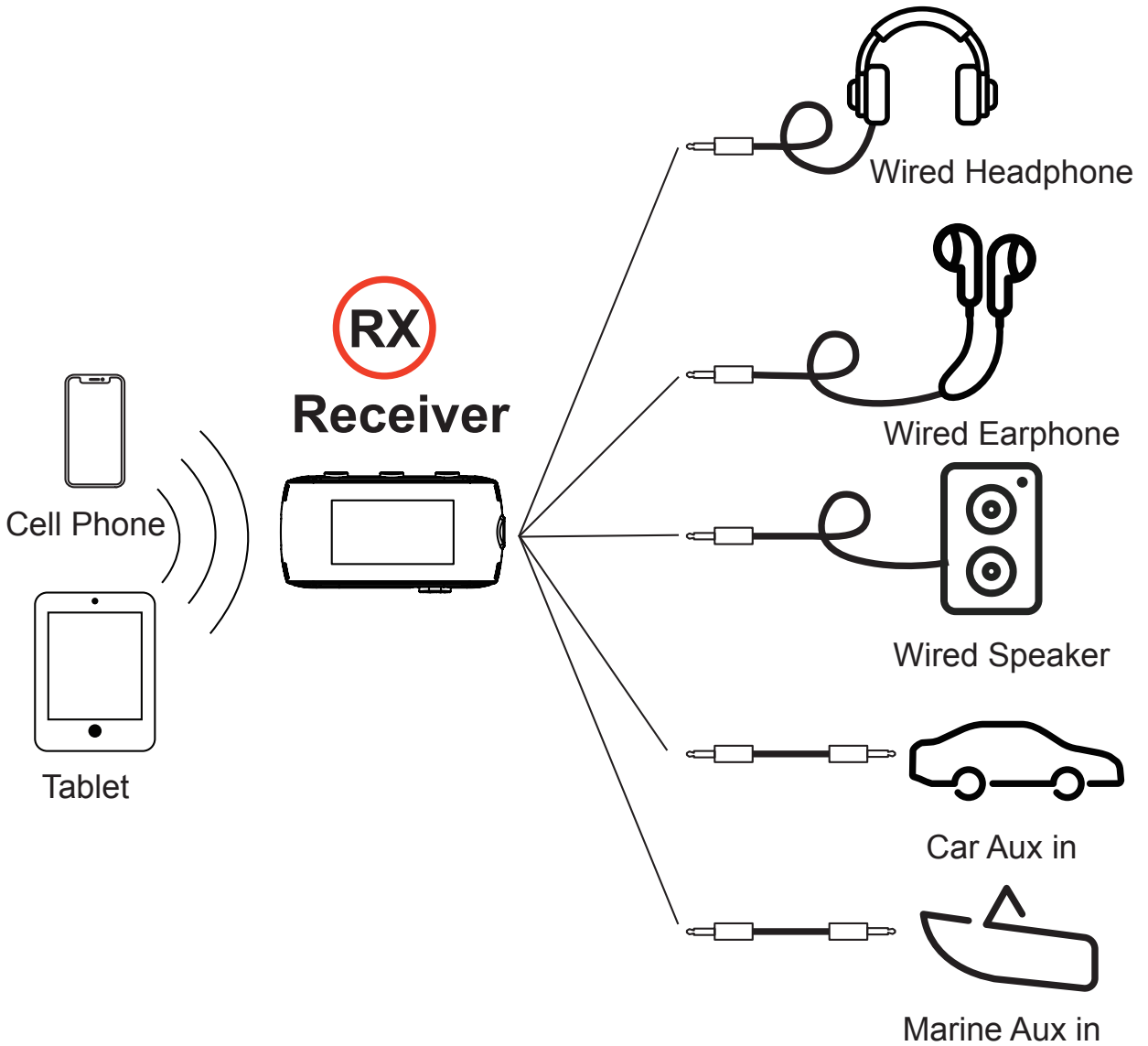
Audio Encoding Format	RX Mode	TX Mode	
		Connect 1 Device	Connect 2 Devices
SBC	√	√	√
AAC	√	X	X
APTX	√	√	√
APTX-AD	√	√	X
APTX-HD	√	√	X
APTX-LL	X	√	X

Remark: **AD =** Adaptive
HD = High Definition
LL = Low Latency

* Display shows audio encode format during playback, **e.g:** APTX ;
Audio encode format do not display when paused.

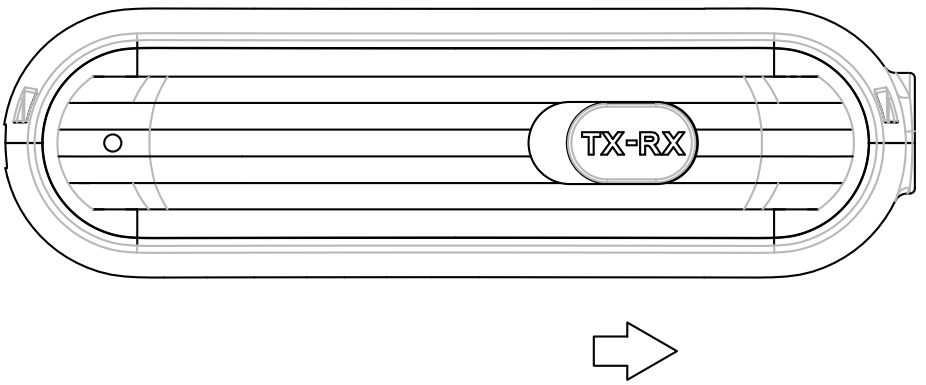
RX Mode Application Scenarios

RT3 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 RT3 serves as an audio output port, connecting to headphones or speakers, or to the Aux-in port of other playback devices.



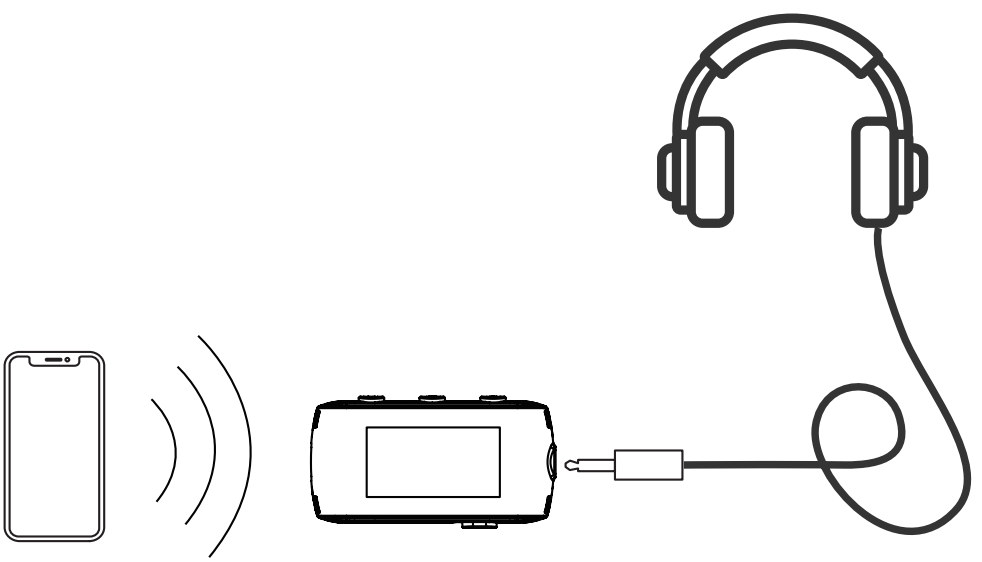
Usage of Receiver Mode (RX)

① Confirm the RX/TX mode switch is pushed to the RX side, and long press the power button for 3 seconds to power on RT3.



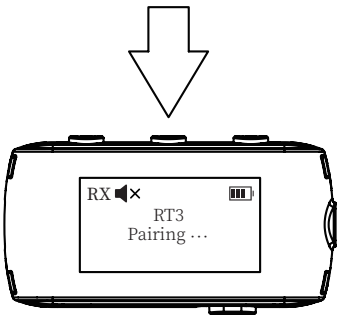
RX/TX mode switch push to RX side

② Connect the headphone device to RT3 using a 3.5mm audio cable.

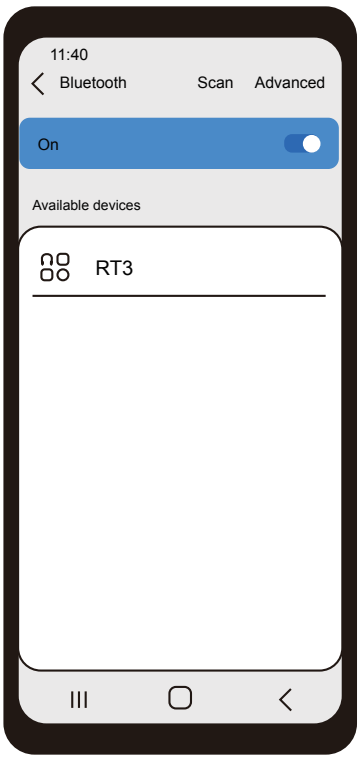


③ Follow these steps to pairing

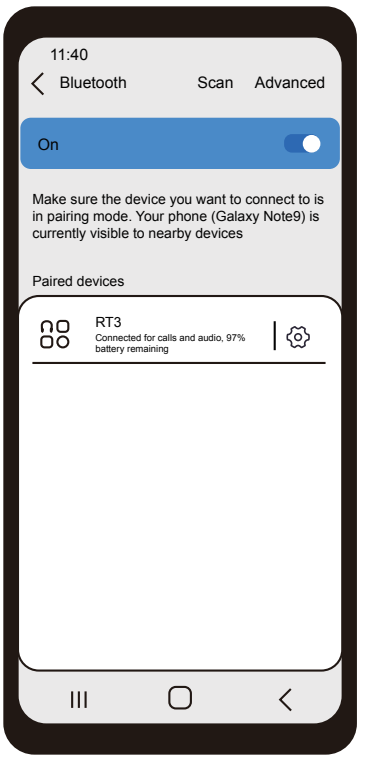
① Double click Power button to enter pairing



② Host side search and found Bluetooth device named RT3



③ Select and connected with RT3



④ Pairing the second device

After connecting the first device, double click the power button again to enter pairing mode (Red and Blue LED lights flash alternately and screen display “pairing…”). Search for RT3 on the second phone/tablet and connect it.
*Remark： RT3 can connect to two devices, but at the same time, only one device's audio can be played.

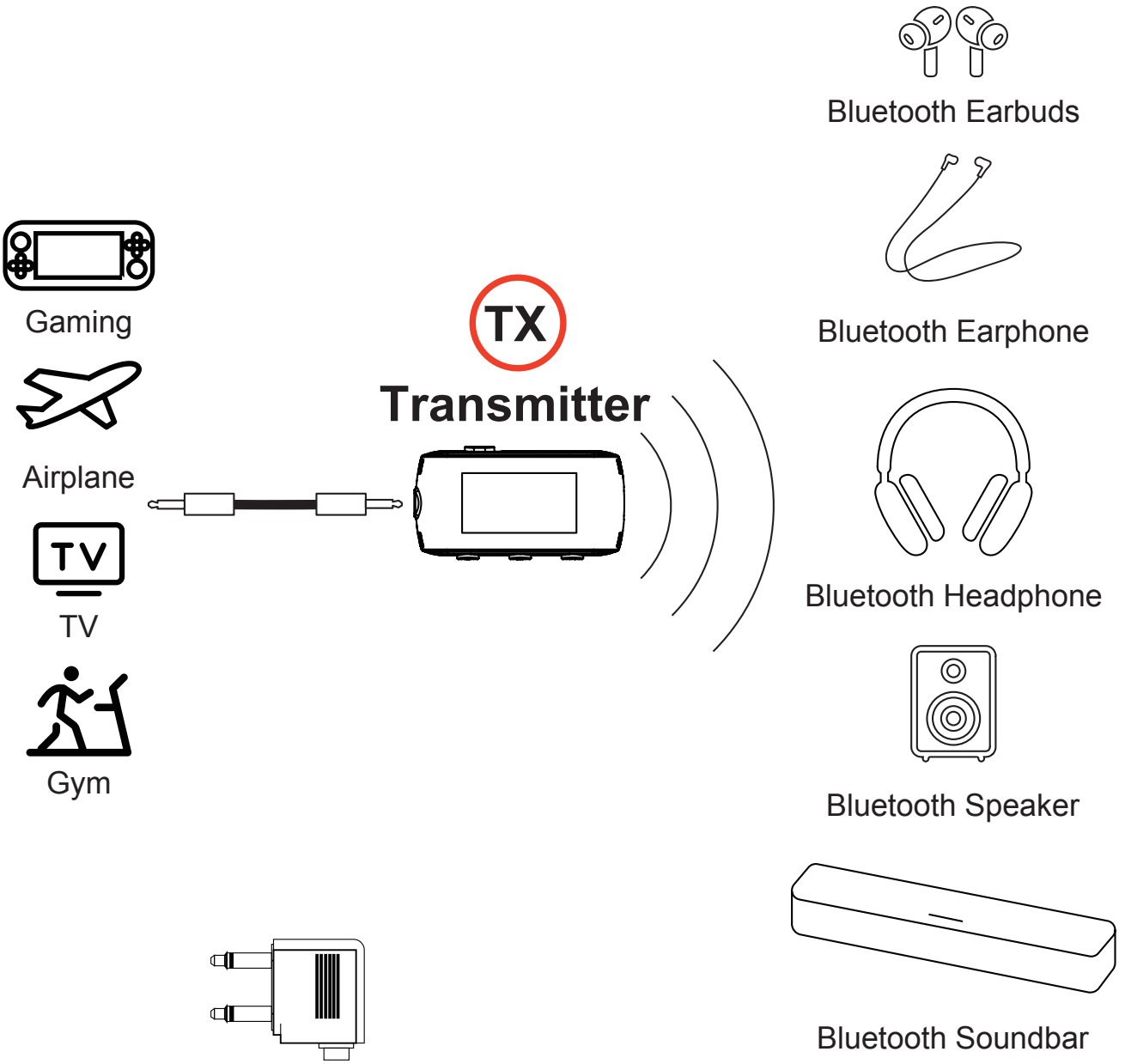
⑤ RX Mode Audio Encoding Format Support List

Audio Encoding Format	RX Mode
SBC	√
AAC	√
APTX	√
APTX-AD	√
APTX-HD	√
APTX-LL	X

Remark: The audio encoding format depends on the type supported by the playback device, and the screen will display the audio encoding format of the device being played.
e.g: iPhone support AAC/SBC, not support APTX; Samsung S24U support APTX/SBC, not support AAC.

TX Mode Application Scenarios

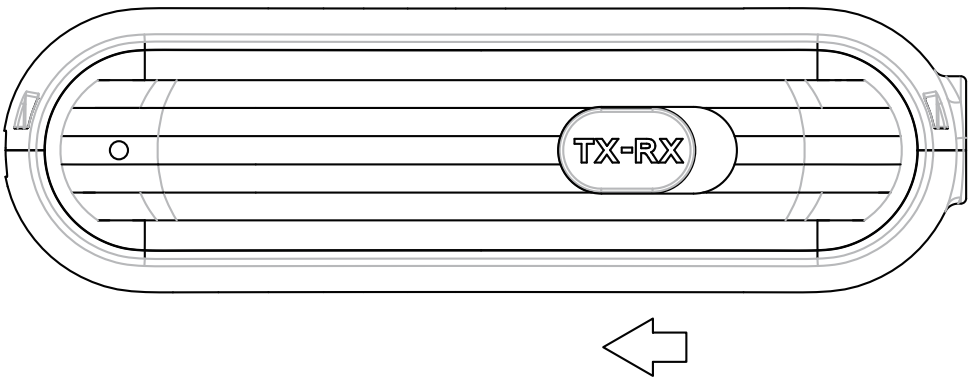
RT3 is used as a Bluetooth Transmitter. Its 3.5mm audio port serves as an audio input port, connecting to the 3.5mm audio output port of mobile phones, tablets, computers, televisions, airplanes, treadmills, or gaming consoles. It then transmits audio playback to Bluetooth headphones or speakers paired with the RT3.



* 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.

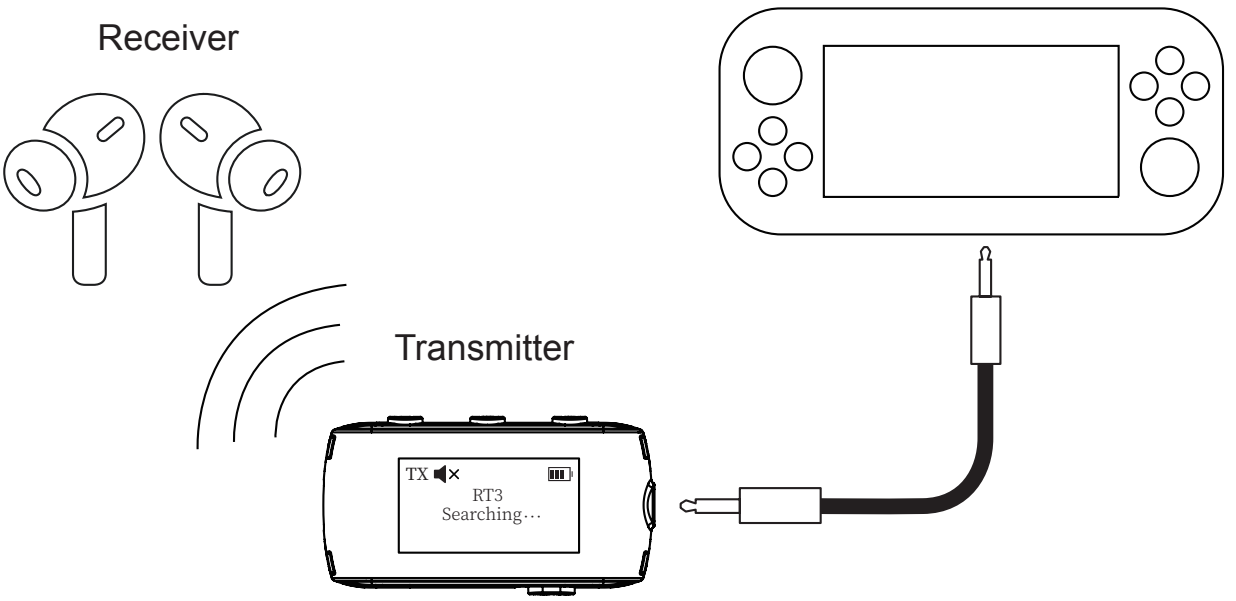
Usage of Transmitter Mode (TX)

① Confirm the RX/TX mode switch is pushed to the TX side, and long press the power button for 3 seconds to power on RT3.



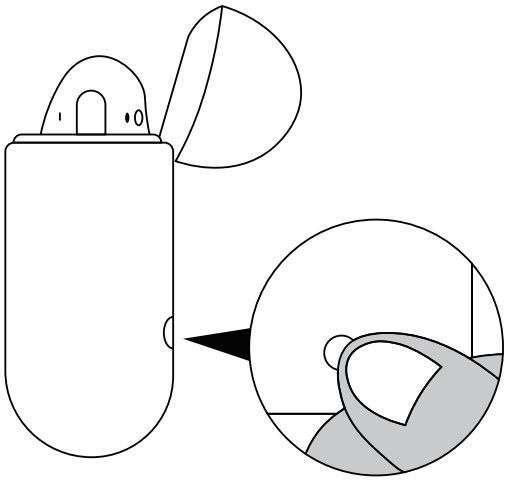
RX/TX mode switch push to TX side

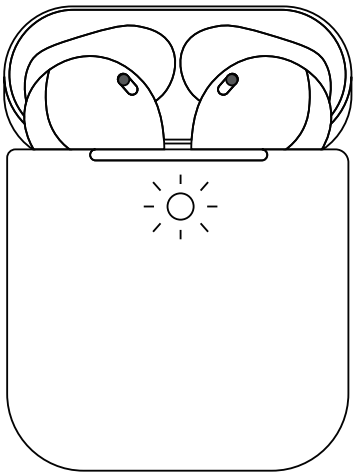
② Connect the audio source device to the RT3 using a 3.5mm to 3.5mm audio cable.



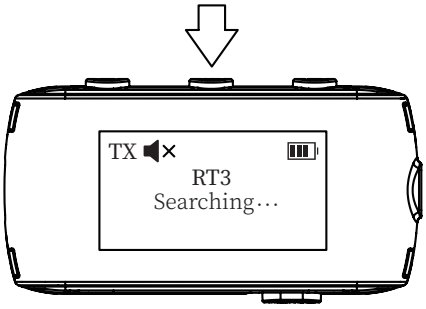
③ Follow these steps to pairing:

① Put the Bluetooth earbuds to be used by entering pairing mode

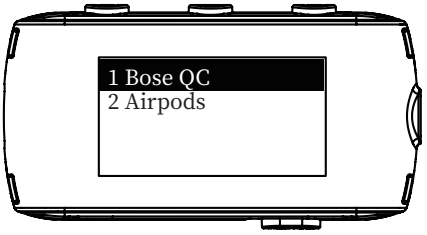




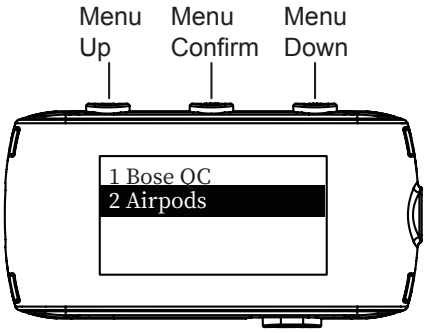
② Double click Power button to enter pairing mode



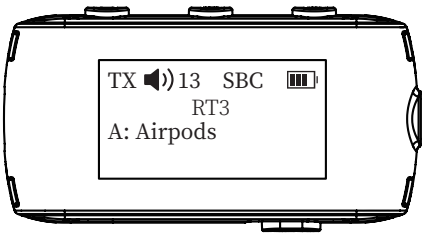
③ Find a list of nearby Bluetooth devices that can be paired



④ Press the menu up/down buttons to select Bluetooth device, and press the confirm button to select and pair



⑤ Paired successfully



④ **Pairing the second device**

After connecting the first device, double click the power button again to enter pairing mode (Red and Blue LED lights flash alternately and screen display "searching…"), then RT3 will search a list of nearby Bluetooth devices that can be paired, use the volume up and down keys to perform menu up and down operations, select the name of the device you want to pair, and click the power button to confirm, then the second devices will be paired successfully.

⑤ **TX Mode Audio Encoding Format Support List**

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

Remarks:

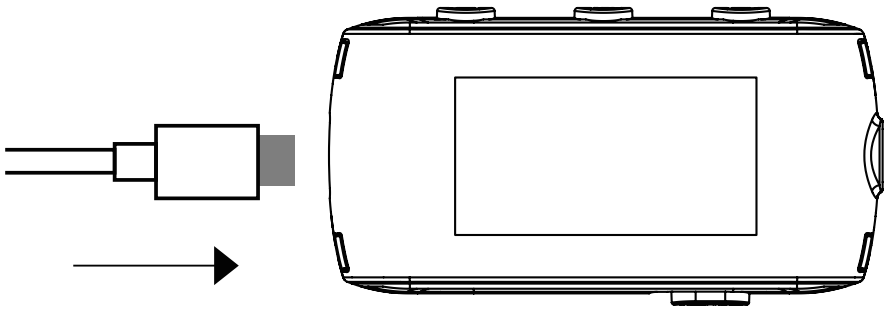
1. When paired with two devices in TX mode, the audio encoding format will automatically adapt to the lower format of the two devices.
   e.g: A is BOSE earphones that support APTX/SBC, B is Airpods that support AAC/SBC, the TX format will adapt to the common SBC format.
2. When paired with the second 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 RT3, causing a short interruption in audio playback on the other device, this is designed to adapt to the optimal audio decoding format.

Charging RT3

With a Type-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 1.5 hours for full charging. When charging, the LED indicator is RED, after charging finished, the LED indicator will turn to BLUE.

Remarks:

1. RT3 supports using when charging, so there is no need to worry about battery life.
2. 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 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.

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment. RF Exposure Information

The device was evaluated to meet general RF exposure requirements. This equipment should be installed and used with a minimum distance of 0 mm between the radiator and your body.

Product Warranty

Product Name: _____

Product Model Number: _____RT3_____

Purchase Date: _____

Invoice Number: _____

Customer Name: _____

Customer Phone: _____

Customer Address: _____

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:
   A. No dealer signature or seal in warranty card.
   B. Artificial or force majeure cause damage.
   C. 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**. And fill in the specific name, address, phone number and fault phenomenon.