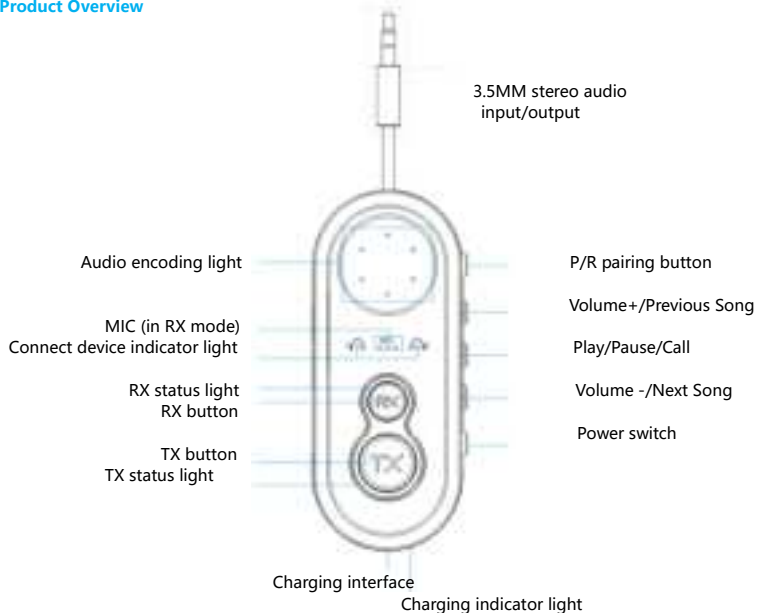




Wireless Audio Receiver/Transmitter User Manual (English)

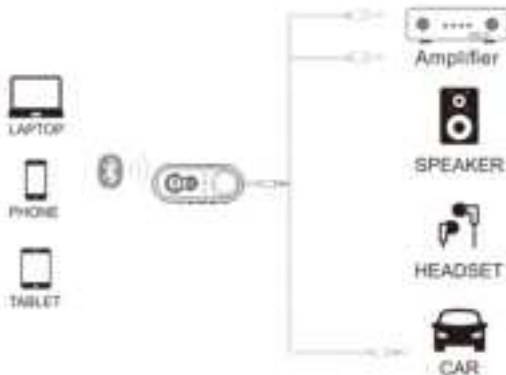
1,Product Overview



2,Functional Operation

RX Receiving Mode:

This device can transmit sound from mobile phones, laptops, PADs, and other devices to Bluetooth free speakers and car audio systems;



Operation Steps:

1) Turn the power switch to the "ON" end to turn on the device;



2) Click the "RX" button, the "RX" button light will turn on, and the device will enter RX mode;



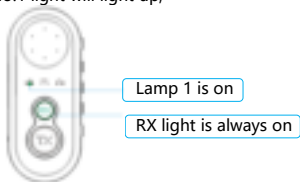
3) Double click the "P/R" pairing button, the "RX" button light will flash rapidly (3 times per second), and the device will enter pairing mode;



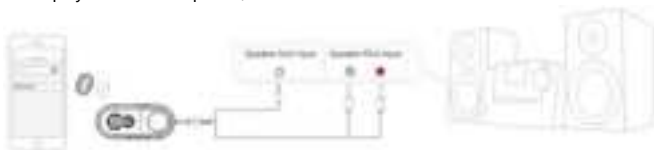
4) Turn on your phone's Bluetooth, click to search for the Bluetooth device name "LE522", select and click to connect;



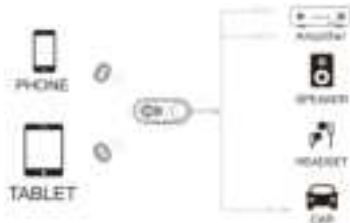
5) After successful connection, the "RX" button light on the device will remain on, and at the same time, the No.1 light will light up;



6) Insert the 3.5mm audio cable of the device into the audio input interface of the audio equipment, and click to play music on the phone;



RX Receive One to Two Function:



Operation Steps:

1) Refer to the above steps to connect the first mobile phone;

2) After the first mobile phone is successfully connected, double-click the "P/R" pairing button on the device, and the "RX" button light will flash rapidly (3 times per second), and the device will enter pairing mode;



Double click
the pairing button



RX light flashes 3 times per second

3) Open the Bluetooth function of the second mobile phone, search for Bluetooth devices, and select the connection "LE522" from the Bluetooth list;



4) After successful connection, the "RX" button light on the device will remain on, while lights 1 and 2 will also light up.



Lights 1 and 2 are on

RX light is always on

RX-FAQ

1) Noise issues (interference/current noise, etc.)

Step 1: The two ends of the audio cable must be plugged in properly, as failure to do so can cause a clicking or continuous buzzing sound;

Step 2: Please do not wrap the audio connection cable with other cables;

Step 3: If there is noise during charging, please remove the charging cable for use, as it may be caused by current interference;

2) I don't have the interface I need

Step 1: This product only supports audio devices with RCA and AUX 3.5MM audio input interfaces. If your device interface is fiber optic or coaxial, you need to purchase a corresponding conversion box separately to use it!!

3) Mobile phone, PAD, PC cannot search for this Bluetooth device

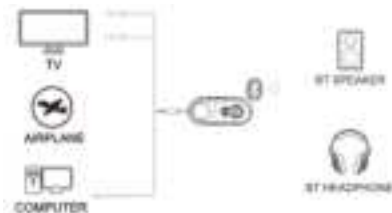
Step 1: Please clear and restart the phone PAD、PC, Delete other unused Bluetooth device names, restart and search for pairing;

4) Precautions for connecting two mobile phones

Step 1: When two phones are connected at the same time, please pause the music of one device before playing the music of the other device; If two mobile phones play simultaneously, it may cause other adverse phenomena such as stuttering and no sound;

TX Transmission Mode:

This device can be used with TVs and desktop computers without Bluetooth to wirelessly forward sound to Bluetooth headphones or speakers.



Operation Steps:

1) Turn on the Bluetooth speaker or Bluetooth headset that is waiting to be connected and enter pairing mode (note: if it is in a reconnection state or already occupied by a connection, it will not be able to pair with this device)



2) Turn the power switch to the ON end and turn on the device;



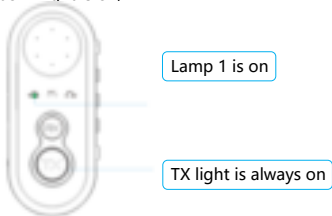
3) Click the "TX" button, the "TX" button light will turn on, and the device will enter TX mode;



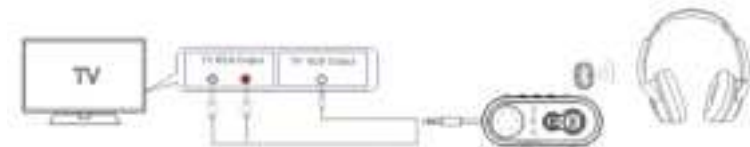
4) Double click the "P/R" pairing button, the "TX" button light will flash rapidly (3 times per second), and the device will enter pairing mode;



5) After successful connection, the "TX" button light on the device stays on, and at the same time, the number 1 light is on;



6) Insert the 3.5mm audio cable from the device into the TV audio output interface;



7) TV Connection&Audio Settings

*3.5MM AUX/headphone jack connection, please change the TV audio settings to "headphones"



TV with AUX/3.5MM audio output jack

If there is no sound, please make sure the TV speaker is set to "headphones"

*RCA R/L audio cable connection, please change the audio settings to "external speakers"



TV with RCA R/L audio output jack

If there is no sound, please ensure that the TV speaker is set to 'external speaker' "

8) When the device is successfully connected to play music, the audio encoding light will light up accordingly;

Note:

③If the connection is not successful for a long time, it is recommended to reset the device and the Bluetooth earphones and speakers that need to be connected to the factory settings and reconnect them; Please make sure to turn off the surrounding Bluetooth devices when connecting! Prevent Bluetooth from being interfered with and unable to connect.

④If the sound is abnormal (no sound, stuttering, noise) after connecting Bluetooth earphones or speakers, you can double-click the "TX" button to switch audio encoding to SBC.



Double click

TX Transmission One to Two Function:

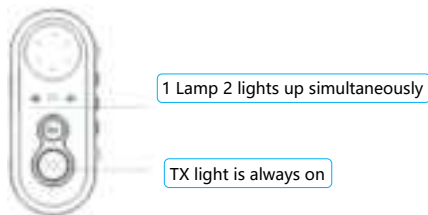
- 1) Refer to the above connection steps to connect to the first Bluetooth earphone or speaker;
- 2) Turn on the second Bluetooth earphone or speaker and enter pairing mode;



- 3) Double click the "P/R" pairing button, the "TX" button light will flash rapidly (3 times per second), and the device will enter pairing mode;



4) After successful connection, the "TX" button light on the device stays on, while lights 1 and 2 light up, and the Bluetooth earphones or speakers emit sound.



Note:

①If unable to connect to the second Bluetooth device, please check if the device is occupied by the connection, then restore the second device to factory settings, repeat the above steps, and try pairing and connecting again; When connecting devices, please turn off peripheral Bluetooth devices to avoid misconnection issues!

②If the sound is abnormal (no sound, stuttering, noise) after connecting Bluetooth earphones or speakers, you can double-click the "TX" button to switch audio encoding to SBC.



Double click

TX-FAQ

1) Noise issues (interference/current noise, etc.)

Step 1: The two ends of the audio cable must be properly plugged in, as not properly plugged in can cause a clicking or continuous buzzing sound;

Step 2: Please do not wrap the audio cable with other cables, and do not expose the metal head of the audio cable to avoid interference;

Step 3: If there is noise during charging, please remove the charging cable for use, as it may be caused by current interference;

2) TX mode cannot connect Bluetooth earphones/speakers

Step 1: Wait for the connected Bluetooth earphones or speakers to enter pairing mode before they can be connected and used!!!

Step 2: The "TX" button light on the device flashes rapidly (3 times per second) to indicate pairing status (you can double-click the "P/R" pairing button on the device to enter);

3) Audio delay issue

Step 1: This device has APTX-LL low latency function in TX mode. Paired Bluetooth earphones/speakers need to have both APTX-LL function to achieve low latency audio transmission; (When the audio encoding light LL on the device lights up, it is a low latency transmission)

4) I don't have the interface I need

Step 1: This product only supports devices with RCA and AUX 3.5MM audio output interfaces. If your device interface is fiber optic or coaxial, you need to purchase a corresponding conversion box separately to use it!!

3.Common Operation Instructions

1) Power on/off/automatic shutdown

Switch to ON/OFF corresponding to on/off; No connection or sound transmission, automatically shuts down after 10 minutes;



2) Low battery alarm prompt

When the device is low on battery, the charging red light flashes; If the battery level is below 3.0V, it will automatically shut down.



The red light flashes when the battery is low

3) Key function

(x1 represents single click button, x2 represents double click button,  long press for 1 second,  long press for 8 seconds)

Key	Operative Function
 x1	Enter RX mode
 x1	Enter TX mode
 x2	Pairing
 x1	Reconnect

		Reset/clear pairing records	
RX Mode		TX Mode	
 x1	Previous song		Volume+
 x1	Next song		Volume-
	Volume+	 x1	Mute/Restore
	Volume-	 x2	Switch audio encoding
 x1	Pause/play; Answer/hang up when calling		
 x2	Low latency game mode		

4.Charging

The charging red light flashes during product use, indicating that the device has low battery and needs to be charged.

A,Insert the Type-C charging cable into the product charging port, and connect the other end to a USB 5V power output port (such as a phone charger or computer USB interface).



B,The charging time is about 2 hours. The red light stays on during charging and goes out after charging is completed.

Note:

- 1) When the battery level is too low or the quality of the charging power source is poor, it may cause the device to produce current noise;
- 2) During charging, there may be charging backflow noise when the battery is about to be fully charged. Removing the charging cable can solve this problem.

5.Definition of LED Function:

Indicator	Status
"TX" light is on	The device is in TX transmission mode;
"RX" light is on	The device is in RX transmission mode;
"1、 2" light is on	The corresponding device has been connected to 1 or 2 Bluetooth devices;
"AD、 HD、 LL、 AAC、 APTX、 SBC" light is on	The device audio works in: aptX Adaptive, aptX HD, aptX Low Latency, AAC, aptX, SBC encoding;
Charging red light (next to Type-C charging dock)	The device stays on during charging and automatically turns off when fully charged; The flashing red light indicates a low battery state, which can be resolved by plugging in the charging cable;
"RX、 TX" light flashing	Pairing status, flashing rapidly (3 flashes per 1 second); Connect for 1 second and flash once; (In standby mode, flash once every 2 seconds; Double click the "P/R" key to quickly enter pairing search mode

6,Main parameters of the product

Bluetooth version: V5.4

Bluetooth protocol support: RX: A2DP AVRCP HSP HFP TX: A2DP

Transmission distance:>12M (unobstructed)

Battery standard: 230mAh

Working hours: RX>18H, TX>15H

Charging time: about 2 hours

Charging voltage: DC 5V

Audio input/output: 3.5MM stereo sound frequency line

Audio CODEC: TX, aptX Adaptive/ aptX HD/aptX LL/ aptX/ SBC

RX, aptX Adaptive/ aptX HD/aptX/ AAC/SBC

7,Packaging List

Bluetooth transceiver x1 product manual x1

Type-C charging cable x1 3.5MM audio conversion head x1

RCA audio adapter x1 Airplane audio adapter x1

FCC Warning 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.

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

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.

FCC RF exposure statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.