



Yahong Wireless Audio Receiver/Transmitter User Manual

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YAHONG

Yahong Wireless Audio Receiver/Transmitter



Product Diagram

The product diagram shows the indicator for working status and the definition of each indicator. The LED indicator for TX mode will be on when the device is working in TX mode, while the RX indicator will be on when the device is working in RX mode. The audio codec light will be on corresponding to aptX HD, aptX Adaptive, SBC, or AAC. The RXTX indicator will flash when the connection is successful. When the indicator light is on, it means charging, and the lights will turn off when fully charged. When the indicator red light is flashing, it means the battery is low and needs to be charged. Double-click the button to quickly enter the search pairing state.

Functional Operation

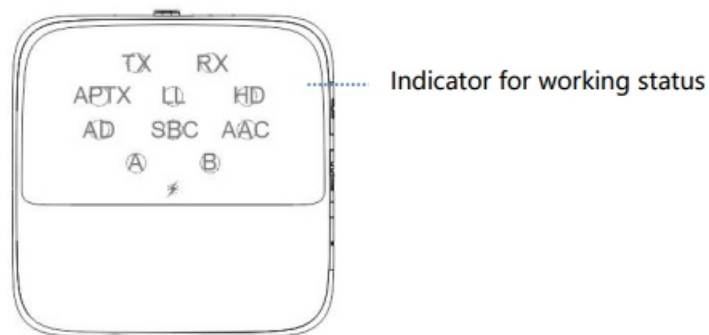
1. **Power on/off:** Hold down the key for 3 seconds to turn on/off the device.
2. **Automatic reconnection pairing search state:** Turn on the device, and it will automatically enter the connection back and pairing search state.
3. **Quickly enter pairing mode:** After the device is powered on, double-click the key to quickly enter the pairing search state.
4. **Remove the matching device:** When the device is turned on, long press the key for 8 seconds, and all LED lights will turn on at the time, indicating that all match devices were removed successfully.
5. **Button definition:** Hold down the key for 3 seconds to turn on/off the device. One-click the key to connect back up to the recording device. Double-click the key to quickly search for pairing status. Long press the key to adjusting the device volume. In RX mode, click the key to adjust the function of the previous and next songs. In RX mode, click the key to play/pause the audio, or pick/hang a phone call. In TX mode, one click to keep the sound silent.
6. **Auto-off:** The device will automatically power off if there is no device to be connected within 10 minutes.

7. **Low battery warning:** When the device is low in power, the charging red light flashes, and a warning is issued. If the battery power is lower than 3.0V, it will automatically turn off.
8. **Call function (in RX mode):** Press the voice button to activate assistance/pick or hang up a phone when there is an incoming call. To ensure the call quality, please speak close to the MIC hole.
9. **Low latency game mode (in RX mode):** Play in RX mode, long press the button for 1 second to switch to low-latency game mode.
10. **Change audio codec (in TX mode):** Play in TX mode, long press the button for 1 second to change the audio code (it can be changed cyclically between the current level and the next level, SBC).



RX Receiving Mode

Mobile phones, computers, PDAs, etc. are connected to the device through the Bluetooth function, and the music is transferred to the audio device with the AUX audio input interface through the Bluetooth receiving function of the device. To turn on the device, press the key for 3 seconds, and the device will turn on with the LED light on.







Product Diagram



Definition of indicator

LED Indicator Status	Device Status
"TX" Indicator on	TX mode working;
"RX" Indicator on	RX mode working;
"APTX、LL、HD、AD、SBC、AAC" Indicator on	The audio codec light will be on correspondingly: aptX 、HD (aptX HD) 、AD (aptX Adaptive) 、SBC、AAC;
"A、B" Indicator on	When the indicator light is on, it means the connection is successful, and both A and B are on, which means that the two devices are connected ;
"  " Indicator	When the indicator light is on ,it means charging,Lights off when fully charged; When the indicator red light is flashing,it means the battery is low now,Please charge it .
"RX、TX" Indicator flash	Pairing back: The light flashes slowly Searching : The light flashes quickly Pairing successfully: Corresponding audio CODEC indicator on; Note:  Double-click the button to quickly enter the search pairing state ;

Functional operation

1. Power on/off (the time interval between on/off should not be less than 3S)  Hold down the key for 3 seconds and the indicator light is on/off
2. The device automatically enters the reconnection pairing search state Turn on the device, the device will automatically enter the connection back and pairing search state ;
3. **Quickly enter pairing mode**
 - After the device is powered on, double-click  the key to quickly enter the pairing search state
4. **Remove the matching device**
 - When the device is turned on long press  the key for 8s and all the LED lights will turn on at the time, which means all match devices were removed successfully
5. **Definition of button**
 -  Hold down the key for 3 seconds and the indicator light is on/off
 -  One-click the key to connect back up to the recording device Double-click the key to quickly search for the pairing status
 - +、- Long press the key to adjust the device volume; In RX mode, click the key to adjust the function of the previous and next songs
 -  **In RX mode** Click the key to play/pause the audio,or pick/hang a phone call.

- **In TX mode** One click to keep the sound silent

6. Auto-off

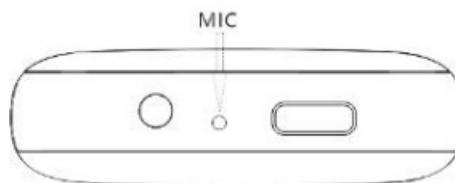
- The device will automatically power off if there is no device to be connected within 10 minutes.

7. Low battery warning


- When the device is low in power, the charging red light flashes and a warning is issued; if the battery power is lower than 3.0V, it will automatically turn off.

8. Call function (in RX mode)


- Voice button, press to active assistance / pick or hang up a phone when there is an incoming call.
- To ensure the call quality, please speak close to the MIC hole.



9. Low latency game mode (in RX mode)

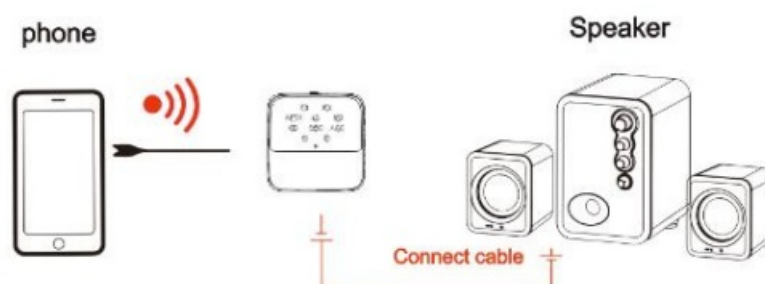
- Play in RX mode, Long press  the button for 1 second to switch to low-latency game mode.

10. Change audio codec (in TX mode)



- Play in TX mode, Long press  the button for 1 second to change the audio code (it can be changed cyclically between the current level and the next level, SBC).

• RX Receiving Mode

- Mobile phones, computers, PDAs, etc. are connected to the device through the Bluetooth function, and the music is transferred to the audio device with the AUX audio input interface through the Bluetooth receiving function of the device.



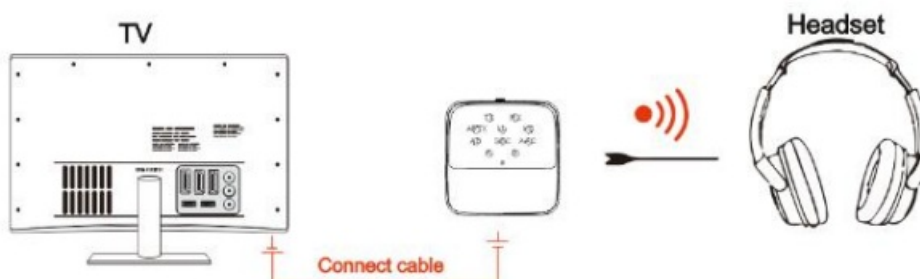
Operation steps

- **A** Press  the key for 3S, the device is turned on and the LED light is on.
- **B** Switch  the key once to switch the device to "RX" mode, the "RX" light on the device is on.
- **C** Please insert the audio cable into the AUX or RCA interface on the device, and insert the other end of the audio cable into the audio input interface of the audio device in the home.
- **D** Double-click the key, and the device quickly enters the pairing state (the indicator light "RX" flashes quickly).
- **E** Turn on the bluetooth function of the mobile phone, click to search for bluetooth devices, and select and click to connect the device name "B1" in the bluetooth list.
- **F** After the connection is successful, the "A" indicator on the device will light up, and you can use this device to enjoy the music




- **Note:** When the device plays music, the audio codec light will be on correspondingly aptX HD aptX HD AD aptX Adaptive SBC AAC

TX Transmit Mode



- This device can be used with a TV to wirelessly forward the sound to a Bluetooth device (Bluetooth headset) or a Bluetooth speaker.




Operation steps

- **A** Power on the bluetooth speaker or bluetooth headset and set it to the state of waiting for pairing
- **B** Press  the key for 3S, the device is turned on and the LED light is on. Switch the key  to change the device to "TX" mode, and the "TX" light on the device will light up.
- **C** Please insert the audio cable into the AUX or RCA interface on the device, and insert the other end of the audio cable into the TV audio output interface in the home.
- **D** Double-click  the key and the device quickly enters the pairing search state (the indicator light "TX" flashes quickly).
- **E** After the connection is successful, the LED "A" indicator on the device lights up
- When the device plays music, the audio codec light will be on correspondingly aptX HD aptX HD AD aptX Adaptive SBC AAC



Note

1. If you cannot search and connect to Bluetooth device B, you can double-click the key  on the device to search and connect again. If the connection is not successful for a long time, you can restart the device and try to connect again; or try to turn off the surrounding Bluetooth devices to avoid misconnection problems.
2. The bluetooth status light on the TX mode device flashes quickly, which is the status of searching for bluetooth devices
3. It is recommended to put the bluetooth speaker or bluetooth headset in the pairing state first, and then turn on the device to search for pairing, so that the connection can be successful faster.
4. After connecting to the Bluetooth device, the sound is abnormal (no sound, freeze, noise), you can long press  the key for 1 second to switch the audio codec to SBC

Connect to 2 Bluetooth Device in TX Mode

- **A** Check the connection steps above and connect to Bluetooth device A (Bluetooth headset or speaker).
- **B** After the Bluetooth device A (Bluetooth headset or speaker) is successfully connected, please turn on the Bluetooth device B (Bluetooth headset or speaker) and put it in the state of waiting for pairing connection.
- **C** Double-click  the key, the device quickly enters the pairing search state (the indicator light "TX" flashes quickly), starts to search for Bluetooth device B, and automatically connects after searching for Bluetooth device B.
- **D** After the connection is successful, the A and B indicators on the device will light up at the same time, and the A and B Bluetooth devices will sound at the same time.

Note

1. If you cannot search and connect to Bluetooth device B, you can double-click the key  on the device to search and connect again. If the connection is not successful for a long time, you can restart the device and try to connect again; or try to turn off the surrounding Bluetooth devices to avoid misconnection problems.
2. After connecting to the Bluetooth device, the sound is abnormal (no sound, freeze, noise), you can long press the key  for 1 second to switch the audio codec to SBC

Charging

For first time of using, it is recommended to charge at least 3 hours to make sure with enough power. Low battery power will cause audio interference. Please maintain good charging habits for all Bluetooth devices and unplug the charging cable when you need to use it.

Note

1. When the battery power is too low or the quality of the charging power supply is poor, there may be a current interference noise when using while charging
2. Frequent use while charging will affect the service life of the battery. Please do not place the product with low power. If the battery is not used for a long time, the battery may automatically protect and cannot supply power.
3. During use while charging, when the battery is about to be fully charged, there may be charging backflow noise, which can be solved by removing the charging cable.

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,
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.

NOTE: 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.

To maintain compliance with FCC's RF Exposure guide lines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.


PRODUCT SPECIFICATIONS

- **Bluetooth Version** V5.2
- **Bluetooth protocol** RX A2DP AVRCP HSP HFP TX A2DP
- **Battery Capacity** 250MA
- **Working Time** RX 20H TX 15H
- **Charging Time** 2hours
- **Charging Power** DC 5V
- **Audio CODEC** TX aptX Adaptive/aptX HD/aptX LL/aptX/SBC RX aptX Adaptive/aptX HD/aptX/AAC/SBC

PACKAGE CONTENTS

- **Bluetooth Receiver Transmitter Device** x1
- **User Manual** x1
- **Charging Cable** x1
- **3.5MM Audio Cable** x1

Documents / Resources

	Yahong Wireless Audio Receiver/Transmitter [pdf] User Manual 2BAUJ-B1, 2BAUJB1, Wireless Audio Receiver Transmitter, Wireless Audio Receiver, Receiver, Wireless Audio Transmitter, Transmitter
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