



Guangzhou Youxin Technology Co., Ltd.

Wireless Tour Guide System——YTS-8110T

OWNER'S MANUAL V1.0-2017



1. Product Overview

This product uses the wireless technology

Stylish appearance, compact and lightweight, humanized layout design. It consists of transmitters and receivers, can be widely used in tourism, religious activities, Simultaneous interpreting, reception, meeting, teaching, and industrial production and so on.

2. Product Features

- Stylish appearance, compact and lightweight, easy to carry.
- VHF band transmission, less interference, stable signal, good sound quality.
- Large capacity battery and low power design, environmental protection, stability, durability, safety, can use 40 hours.
- Large screen LCD display, humanized button design, can adjust the power and channel freely and comfortably.
- The receiver can automatically shut down when it without signal for a period of time.
- Microphone pick-up circuit with high sensitivity, dynamic range is large, plus high quality clip microphone, easy to use and comfortable, don't need to be close to your mouth when you're speaking.
- Advanced anti jamming and PLL frequency synthesis technology, with advanced software algorithm optimization to avoid interference automatically, 99 channels can be used without interference.

3. Technical Parameters

Frequency: 186.9-215.7MHz

Channel: 98

Voltage: DC3.7V

Receiver working hours: 40 hours

Transmitter working hours: 20 hours

Frequency response: 50-18000Hz

Radio-frequency technique: PLL synthesis

Degree of distortion: <0.2%

Noise-signal ratio: $\geq 90\text{Db}$

Distance: $\leq 50\text{m}$

Receiver/Transmitter size: 8.9x4.3x1.32cm

Charging hours: 5~6 hours

Receiver/Transmitter weight: 58g

4. Product Formation



Transmitter



Receiver



Charging socket



Carrying case

5. Product Name

5-1 Transmitter/Receiver





5-2 LED display screen




6. usage method

6 - 1Power on / off

Power on: (shutdown state) keep pressing the power button on / off  about 2 seconds, release button when the screen appears company logo

Power off: (shutdown state) keep pressing the power button on / off  about 3 seconds, release button when the screen appears BYE! (Boot state) Without signal in 3minutes will shut down automatically

6 - 2Volume adjustment

After the receiver is paired with the transmitter signal, you can adjust the volume size  by clicking the left and right buttons about 3S~ 5S, the total volume is level 10, and the default is level 7. Click the power button to return to the main interface when you switch to the corresponding level.

6 - 3 Frequency adjustment

Channel auto pairing: Keep pressing the left button both transmitter and receiver about 3S, then release the button when the receiver screen shows only the current channel number CH+, and transmitter screen shows only CH00. Now, adjust the transmitter

channel to corresponding channel, and release button, when the transmitter channel number is flashing representing it is paired automatically. After pairing, click the transmitter power button, you can return to the main interface and use it.

Channel manual pairing: Pressing the left or right button for transmitter and receiver, you can change the channel, When adjust to the corresponding channel and release the button to return to the main interface.

6 - 4 Mute adjustment

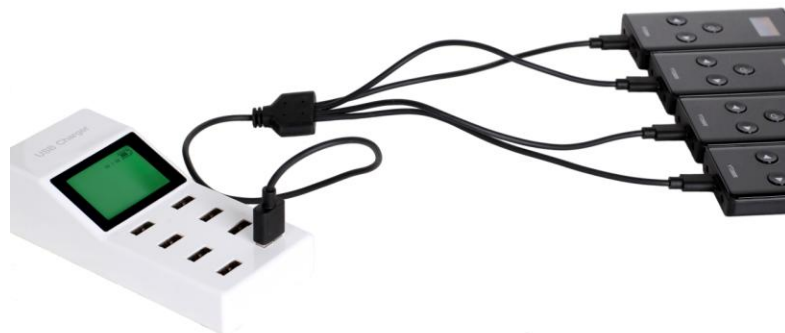
In pairing state, click the power button, you can enter the mute, now the screen show the



mute icon, click the power button again you can lift the mute, then enter the main interface and use it.

6 - 5Charging

The charging device includes 10 chargers and one multiple four Micro_USB line, with one multiple four Micro_USB line plug into 10 charger, and four Micro_USB plug into transmitter or receiver one by one. After that, transmitter or receiver will display the charging icon and the charging power currently.





7. Error Tips

A transmitter / receiver power supply can not open:

Verify whether the transmitter/receiver is electrically:

Verify whether the receiver is in MUTE silent state

Verify whether the receiver volume is too quiet

Excessive noise

Verify whether it is in the surrounding strong interference environment

The receiver cannot match

Verify whether and transmitter in the same channel

8. Usage considerations

This product will produce noise when there is strong radio interference

The surrounding environment can also cause the distance of use

Product impact will lead to product damage

Please wipe this product with soft cloth

Spraying chemicals into the product can also cause deformation or malfunction

The product cannot water seepage

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.

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.

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