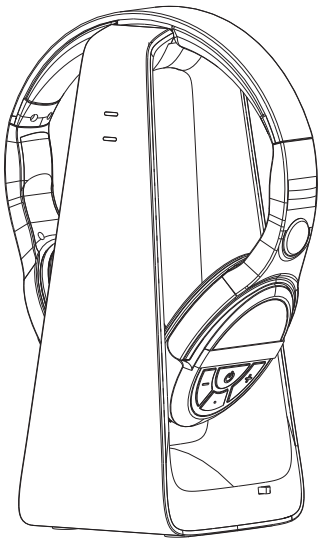


User Manual

2.4G Wireless TV Headphone



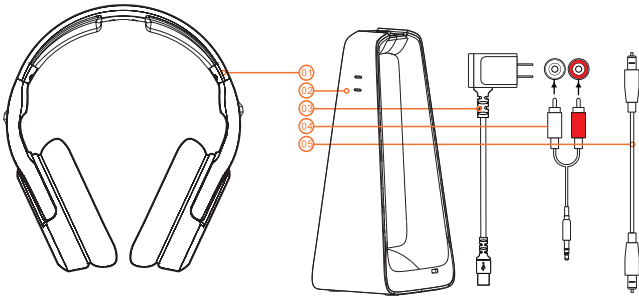
JFH-580TV

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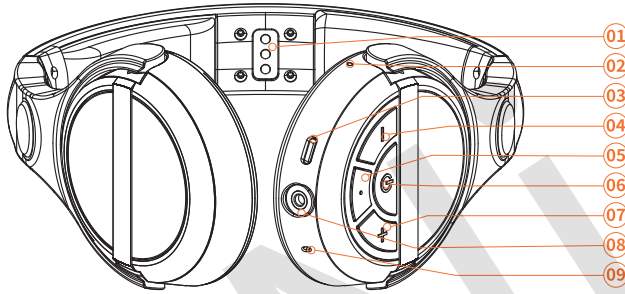
Packing List

1. TV headphone
2. Transmitter base (stand)
3. Type-C adaptor
4. 3.5 mm to RCA audio cable
5. Optical cable



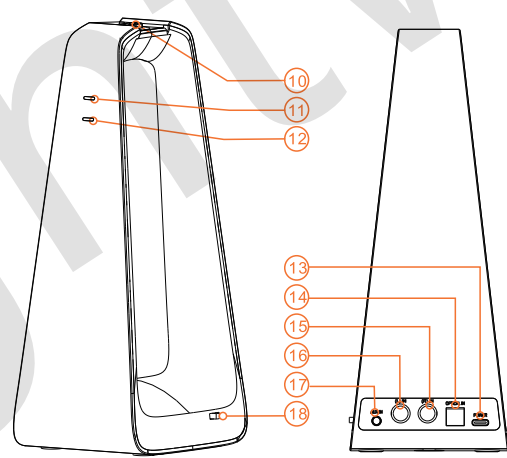
Headphone Button Function

- ① Charge contact
- ② LED indicator
- ③ USB-C charge port
- ④ Volume- & previous (Bluetooth mode: Double click)
- ⑤ Mute (click) & EQ sound quality switch mode (Voice Clarifying/Full/Normal mode)
- ⑥ Power on/off (press and hold), pause/play music (click), answer/hang up call (click), reject call (double click)
- ⑦ Volume+ & next (Bluetooth mode: Double click)
- ⑧ Aux input
- ⑨ Microphone

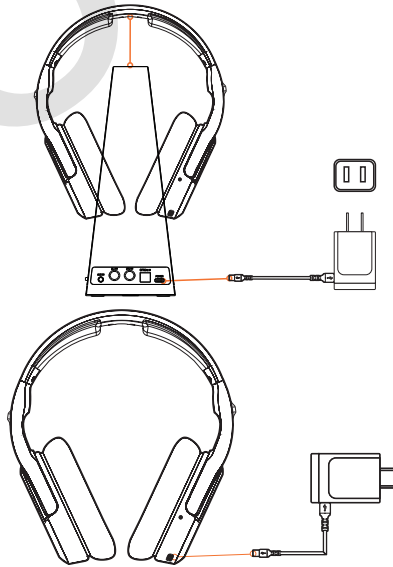


Transmitter Base Interface Function

- ⑩ Charge spring point
- ⑪ Signal indicator
- ⑫ Charge indicator
- ⑬ USB-C power port
- ⑭ Optical input
- ⑮ RCA(R) IN
- ⑯ RCA(L) IN
- ⑰ AUX input
- ⑱ Audio source switch (Optical/RCA/3.5 MM)



Headphone Charging Mode



1. Place the headphones on the transmitter base (stand) to charge, ensuring they make proper contact. During charging, the LED lights on both the base and the headphones will glow red, and they will turn off once fully charged.
 2. Use a type-C adapter to connect to the headphone charging port. The LED indicator of headphone will glow red while charging and will turn off once fully charged.
- Prompt: When the headphone battery drops below 10%, you'll hear a prompt saying "low power, please charge", and the LED will slowly flash red.

Connect Headphone with Transmitter Base

Press and hold the power button on the headphone (⑥) until you hear the "Power on" prompt, then the headphone is connected with the transmitter base (stand) automatically without any further action required. Once connected successfully, the blue lights on both the headphone and the transmitter base will be ON at the same time.

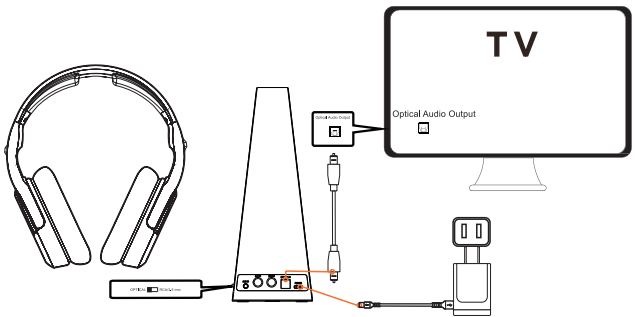
Prompt:

1. The transmitter base (stand) needs a separate power during operation. Please use the type-C adapter accessory to connect it for power.
2. When the headphone is connected to both the TV, mobile phone, computer, or tablet, it will prioritize the connection to the TV. If the TV has no audio source input, the headphones will disconnect from the TV and automatically connect to the phone, computer, or tablet.

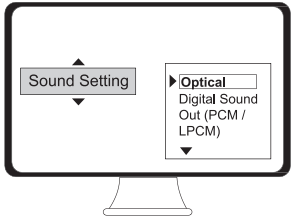
Connect Headphone with TV (2.4G)

Mode 1: Optical port

First, set the audio source switch on the transmitter base (⑱) to "Optical." Then, connect one end of the optical cable to the TV optical audio output port and the other end to the optical input port on the transmitter base (⑭).

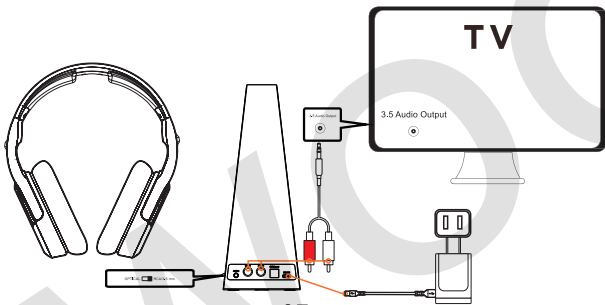


1. If you connect TV using an optical cable, make sure to set the TV audio output to PCM mode so that the headphones can receive the audio.
 2. Use the TV remote control, press the "Setting" button and navigate to the "Audio" tab in the menu.
- TV settings path, for example: Home → System Setting → Sound Setting → S/PDIF Optical Audio Output/Digital Audio Output → PCM/LPCM
- Note: 1. Please be aware that the audio menu setting path names may vary depending on the TV brand, so please select it accordingly.
2. If your TV only supports a single audio output, the TV speakers will automatically mute due to the TV circuit design.
- TV icon content: Sound Settings→S/PDIF / Optical Audio Output / Digital Audio Output → PCM / LPCM.



Mode 2: 3.5 mm to RCA audio cable

First, set the audio source switch on the transmitter base (⑱) to the "RCA/3.5 mm" position. Then, insert the 3.5 mm audio plug into the TV 3.5 mm audio output port, and connect the other end to the red and white RCA audio input ports (⑮ and ⑯) on the transmitter base.

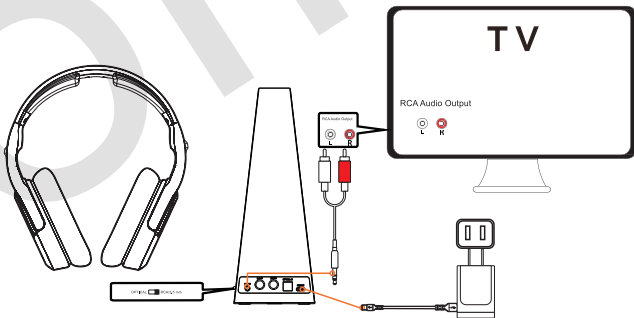


Mode 3: RCA to 3.5 mm audio cable

First, switch the audio source on the transmitter base (⑱) to "RCA/3.5 mm." Then, insert the red and white RCA audio plugs into the TV RCA audio output ports, and connect the other end to the 3.5 mm input port on the transmitter base (⑰).

Notes:

1. Make sure the RCA/3.5 mm output port on the TV is labeled "AUDIO OUT" or "OUTPUT."
2. Make sure your TV speaker is set to external speakers.
3. If there is no sound after connecting, please check that the TV menu sound is set to analog audio output mode AUX OUT/RCA OUT.
4. If your TV only supports a single audio output, the TV speakers will automatically mute due to the TV circuit design.



Connect Headphone with Mobile Phone/Computer/Tablet (Bluetooth)

Press and hold the power button on the headphones until you hear the "Power on" prompt and see the indicator (②) flashing blue. Use your phone, computer, or tablet to search for "JFH-580TV" and pair it via Bluetooth. Once the pairing is successful, you will hear the "Connected" prompt, and the indicator will turn green. When the headphones are connected to your phone, you can listen to music or watch videos. When receiving an incoming call, you can press the on/off button (⑥) to answer or double-press it to hang up.



PC



Tablet



Smart Phone

LED Indicator Description

Headphone LED indicator

Headphone status	Prompt sound	LED indicatoir status
ON	Power on	Green + blue lights flash slowly
Headphones are connected with phone, laptop, or tablet via Bluetooth	Connected	Green light is normally on
Headphones are disconnected with phone, laptop, or tablet via Bluetooth	Disconnected	Green light flashes
Headphones are connected to the TV 2.4G base	/	Blue light is normally on
Headphones are disconnected from the TV 2.4G base	/	Blue light flashes slowly
When charging the headphones	/	Red light is normally on
When the headphones are fully charged	/	Red light is OFF

LED indicator of transmitter base

Transmitter status	LED indicatoir status
The base detects audio input	Blue light is normally on
Put the headphones on the base to charge.	Red light is normally on

Button Function Description

Headphone TV mode button function description

ON/OFF	Press and hold the ON button for 2-3S
Volume +	Click the + button
Volume -	Click the - button
Mute switch	Click the Mute button
EQ mode switch (Voice Clarifying/Full/Normal Mode)	Press and hold the Mute button

Headphone Bluetooth connection button function description

ON/OFF	Press and hold the ON button for 2-3S
Answer and hang up the call	Click the ON button
Reject the call	Double-click the ON button
Pause/Play the music	Click the ON button
Volume +	Click the + button
Next	Double click the + button
Volume -	Click the - button
Previous	Double click the - button
Mute switch	Click the Mute button
EQ mode switch (Voice Clarifying/Full/Normal Mode)	Press and hold the Mute button

Product Parameters

Working hour	15H (≥12H)	Operating frequency	2.402-2.480GHZ
Headphone charge time	3-4H	Temperature range	-10°C to +50°C
Headphone power	> 10mW	EQ mode	Voice Clarifying/Full/Normal Mode
Headphone battery capacity	400mAh	Headphone power	> 10mW
Charge voltage	5V /500ma	Speaker impedance	32Ω
Bluetooth pairing name	JFH-580TV	Drive unit	40mm
Wireless connection method	Bluetooth 5.3 & 2.4G dual mode	Speaker sensitivity	> 85dB
Wireless transmission distance	>20M	SNR	> 80dB
Support protocol	HFP A2DP AVCTP HID PNP	Maximum decibel level	<100dB
Audio decoding format	AAC SBC PCM JLA	Product certification	FCC, CE(RED), RoHS