User Manual



Wireless TV Headphone with USB Transmitter

Model No : JFH-280TV Pro

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Accessories List

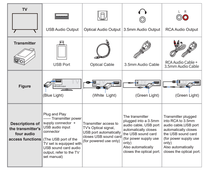


1. Headphone
2. USB Transmitter
3. Optical Cable
4. 3.5mm Audio Cable
5. RCA Audio Cable to 3.5mm Female Socket
6. Charging Cable

Product Parameters

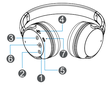
Driver Unit	40mm
Impedance	32Ω
Headphone Power	20mW
Sensitivity	105dB+/-3dB
Frequency Range	20Hz-20KHz
Transmission Range	30m
Battery Capacity	500mAh
Charging Time	2-3h
Working Time	≤20h

TV USB/Optical/3.5mm/RCA Ports Connection Instructions



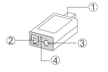
Note:
Currently there are two functions of TV USB port in the market:
①5V power supply only ②5V power supply + audio output
(Different brands of TVs have different USB functions, please refer to the TV manual).

Description of Product Buttons



Headphone

1. On/Off (Power Button)
2. Volume "-"
3. Volume "+"
4. Slide up: "TV Mode"
   Slide down : "BT Mode"
5. Type-C Charging Port
6. Indicator
7. Mic

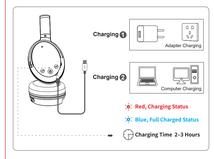


USB Transmitter

1. USB Port
   (Power Supply Connector + Audio Input for Sound Card)
2. Optical Port
3. 3.5mm Port
4. LED Indicator
   (Blue/Green/White)

Headphone Charging

2 Ways To Charge



Note:
(1) Headphone low battery: 'Battery low' voice prompts, alarms every 3 minutes, and the red light flashes twice.
(2) For the first charge, it is recommended to charge for more than 4 hours.

Quick Start Guide:TV Mode

Before operating, please first slide the mode switch to the headphones to Dongle mode.

Note:The headphone's volume after turned on will be same with the last power off'(volume memorized function).

USB Audio Output Port Connection

1. Plug the transmitter into the TV's USB audio output port, the transmitter indicator —— red light/blue light flashes alternately, waiting for connection with the headphone.
2. Headphone On/Off (Power button): Long press for 3 seconds to turn on the headphone, —— Red light/green light flashes alternately, waiting for connection with the transmitter.
3. Headphone and TV connect automatically: Transmitter blue light blinks slowly, headphone green light blinks slowly, connect successfully within 5 seconds.

(Successful connection: Blue light blinks slowly
Unsuccessful connection: Red/Blue light blinks alternately)

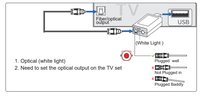


Note:
1. The TV must have USB audio output function.
2. If there is no sound from the headset, please make sure the USB port of the TV must be an audio output port.

Optical (TOSLINK) Connection

1. Remove the protective cover from the optical cable and plug one end of the cable into the TV's optical port, and the other end into the transmitter's optical port. The transmitter indicator —— red/white light flashes alternately, waiting to be connected to the headphone.
2. Headphone On/Off (power button): Long press for 3 seconds to turn on the headphone, —— Red light/green light flashes alternately, waiting for connection with the transmitter.
3. Headphone and TV connect automatically: Transmitter white light blinks slowly, headphone green light blinks slowly, connect successfully within 5 seconds.

(Successful connection: White light blinks slowly
Unsuccessful connection: Red/White light blinks alternately)

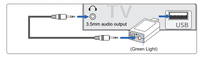


Note: If there is no sound from the headphone, make sure the TV's sound output/-speakers are set to "External Speakers" or "Optical Audio Out".
Make sure the TV audio format/digital audio output setting is set to "PCM/Stereo".
TV operation is as follows: Use the TV remote control to press the "Settings" button and find " Sound Settings" in the menu.
TV Setting Path: Device Home → System Settings → Sound Settings → S/PDIF / Optical Audio Out/Digital Audio Out → PCM/LPCM.
Note: Depending on the TV brand, the name of the sound menu setting will be different.

3.5mm Audio Output Connection

1. 3.5mm audio cable is plugged into the TV's 3.5mm port on one end, and the other end is plugged into the transmitter's 3.5mm port. Transmitter Indicator —— Red/green light blinks alternately, waiting for connection with headphones.
2. Headphone On/Off (Power button): Long press for 3 seconds to turn on the headphone, —— Red light/green light flashes alternately, waiting to connect with the transmitter.
3. Headphone and TV connect automatically: Transmitter green light blinks slowly, headphone green light blinks slowly, connect successfully within 5 seconds.

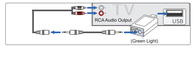
(Successful connection: Green light blinks slowly
Unsuccessful connection: Red/green light blinks alternately)



RCA Audio Output + 3.5mm Audio Cable Connection

1. RCA audio cable with two red/white terminals is inserted into the TV corresponding to the color of the RCA audio output port, and one end of the 3.5 audio cable is inserted into the receptacle of the RCA audio cable.The other end is plugged into the 3.5mm port of the transmitter.
(See figure below.) Transmitter Indicator —— Red/green light blinks alternately, waiting for connection with headphone.
2. Headphone On/Off (Power button): Long press for 3 seconds to turn on the headphone, —— Red light/green light flashes alternately, waiting to connect with the transmitter.
3. Headphone and TV automatic connection: Transmitter green light flashes slowly, headphone green light flashes slowly, within 5 seconds to connect successfully.

(Successful connection: Green light blinks slowly
Unsuccessful connection: Red/green light blinks alternately)

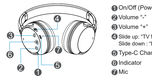


Quick Start Guide:Bluetooth Mode

Headphone connect smartphone or other Bluetooth device:

(1) Slide the mode switch ❹ to freely switch to Bluetooth mode,the headphones' red light/blue light flashes alternately.
(2) Turn on the Bluetooth on your phone and find "JFH-280TV Pro" to connect.
(3) When the headphone shows a blue light, it indicates a successful connection.

As illustrated:



Headphone

1. On/Off (Power Button)
2. Volume "-"
3. Volume "+"
4. Slide up: "TV Mode"
   Slide down : "BT Mode"
5. Type-C Charging Port
6. Indicator
7. Mic



Bluetooth Mode Button Functions:

Button Icon Illustration	Operation Mode	Operation Instructions	Voice Broadcast	Indicator Light Explanation
⏻	Slide the mode switch	Switch between TV mode and Bluetooth mode	Dongle mode / Bluetooth mode	Green light / Blue light
⏻	Power on/off	Press the on/off button for 3 seconds	Power on/off	Red and blue lights alternate flashing
/	After turning on the device, it enters the search mode	Connected	Connected	Blue light flashes slowly
/	Short press the connection pairing button	Super distance disconnection of connection	pairing	Red and blue lights alternate flashing
⏭	Short press the volume up button	volume up	Maximum volume alert "Dang dang"	/
⏬	Short press the volume down button	volume down	Minimum volume alert "Di-di-di"	/
⏭	Long press the volume up button for 2 seconds	Last song	/	/
⏬	Long press the volume down button for 2 seconds	Next song	/	/
⏻	Click the power on/off button	Answer the phone	/	/
⏻	Click the power on/off button	Hang up the phone	/	/
⏻	Click the power on/off button	Play music	/	/
⏻	Click the power on/off button	Pause music	/	/
⏻	Press the power on/off button for 1.5 seconds	Reject call	/	/
⏻	Double-click the power on/off button	Emergency callback	/	/
Synchronize phone volume/sound tone				

Diagram of TV Sound Settings

Note: The following lists the common sound output methods of some TVs. If your TV brand is not included here, please refer to your TV's user manual for detailed instructions.

Figure1:



Figure2:

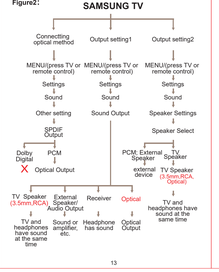


Figure3:

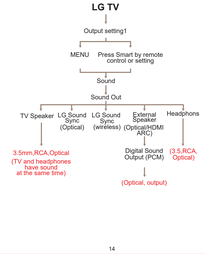


Figure4:

