

735x140mm

Wireless Headphone User's Manual



TV headphone with Transmitter

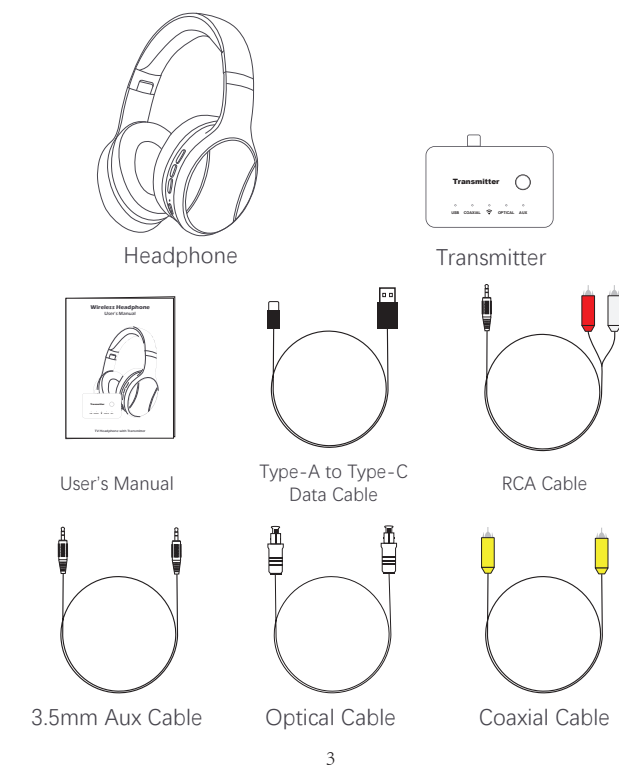
Contents

Product Feature	03
Package Include	03
Specification	04
Headphone Introduction	05
Headphone Keys Functions	05
Bluetooth Mode	05
Wired Mode	06
TV Mode	06
Headphone Charging	07
Transmitter Introduction	07
Transmitter Keys Functions	07
USB Audio Connection	08
3.5mm Audio / Headphone Jack Connection	09
RCA Audio Connection	10
Optical Audio Connection	11
Coaxial Audio Connection	12
FAQ	13

Product Feature

Enjoy cinematic sound at home or on the go with Wireless Headphones. Featuring 2.4G ultra-low latency, multi-device connectivity, 5 preset EQ modes, and the ability to connect directly to your phone, they deliver immersive audio without disturbing others.

Package Include



Specification

Headphone

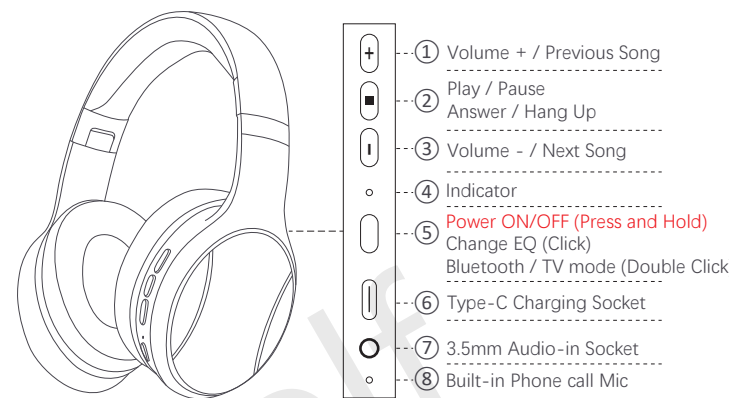
Model Name:	KST-620+TX3
Match Name:	KST-620
BT Version:	Bluetooth V5.4
Receive Frequency:	2.4 GHz~2.485 GHz
Profile:	HSP/HFP/A2DP/AVRCP
Range:	≤15m
Speaker Frequency:	20Hz~20kHz
Speaker Size:	40mm
Sensitivity:	100±3dB
Impedance:	32Ω
Audio-in:	3.5mm Audio-in
Battery:	500 mAh
Charge socket:	Type-C
Charge Voltage:	5V
Charge Current:	260mA
Charge Time:	2~3 hours
Play Time:	≥ 20 hours
Talk Time:	≥ 20 hours

Transmitter

Mode:	2.4G Wireless
Range:	≤ 50 m (no obstruction indoors)
Power Supply:	5V Type-C USB
Audio-in:	3.5mm Audio-in / Coaxial / Optical / Type-C USB

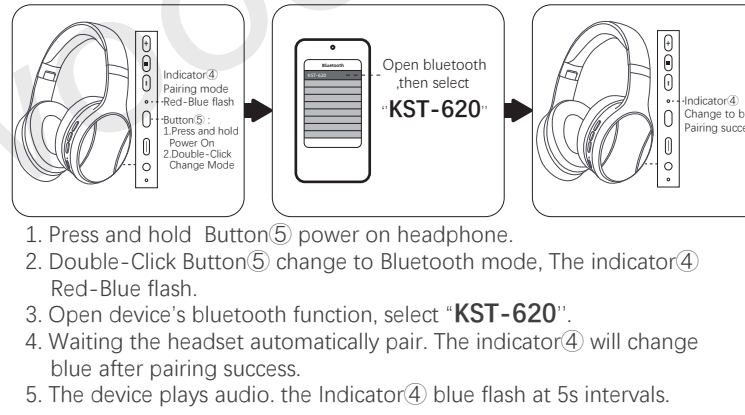
Headphone Introduction

Headphone Keys Functions



Bluetooth Mode

Headphone connect smart phone or other Bluetooth device:



Button operation in Bluetooth mode:

When headphone play music:

Indicator④: Blue flash at 5s intervals

Button②: Play / Pause (Click)

Button①: Volume + (Click) / Previous Song (Press and Hold)

Button③: Volume - (Click) / Next Song (Press and Hold)

Button⑤: Change Preset EQ (Click) :

Normal / Bass Boost / Movie / Vocal / Balance
TV mode (Double Click)

When the call comes:

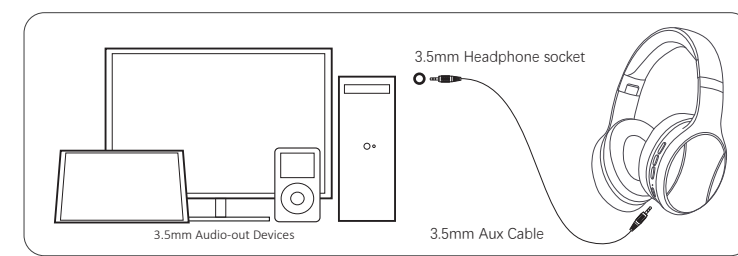
Button②: Click Answer / Hang Up (Double Click)

Wired Mode

Use an audio cable to connect the headphones to your audio device, as shown in the illustration.

The headphones will function as standard wired headphones.

Note: Button controls are disabled in wired mode.



TV Mode (Use with Transmitter)

Double-click Button⑤ to switch to TV Mode. Indicator④ will turn green. The headphones will automatically connect to the transmitter.

(Plug-and-play. The headphones and transmitter are pre-paired at the factory; no pairing is required by the user.)

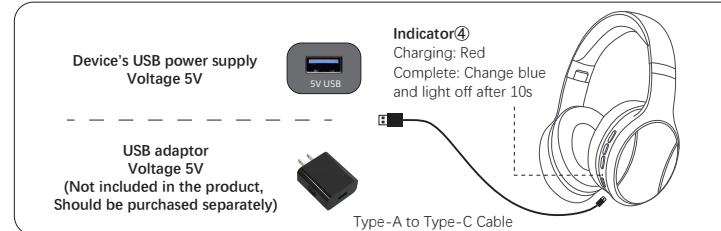
Headphone Charging

The headphone indicator turns red when the battery is low.

Use the USB charging cable to connect a 5V adapter to Charging Socket⑥.

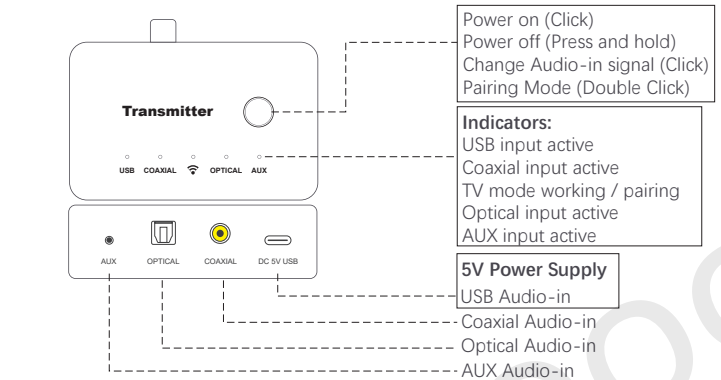
During charging, Indicator④ stays red.

When fully charged, the light changes to blue, then turns off after 10 seconds.



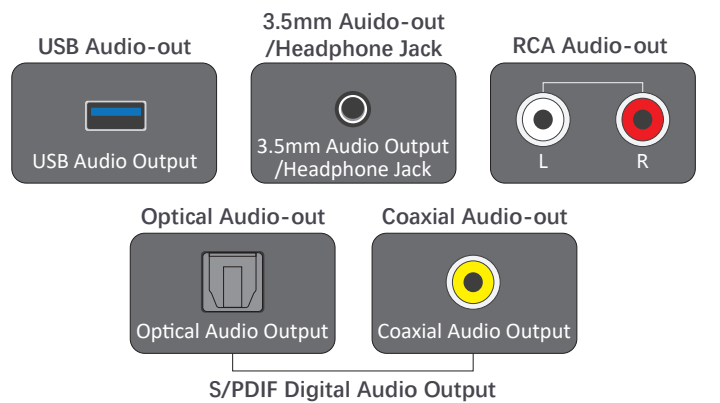
Transmitter Introduction

Transmitter Keys Functions

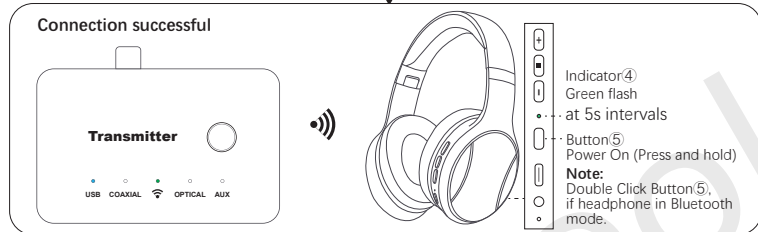
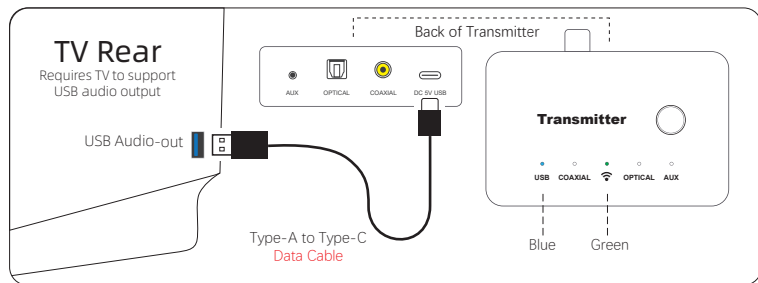


The transmitter connects to a computer, TV or other device without Bluetooth

Determine the **audio output** socket of your computer, television, or device and choose an appropriate connection method

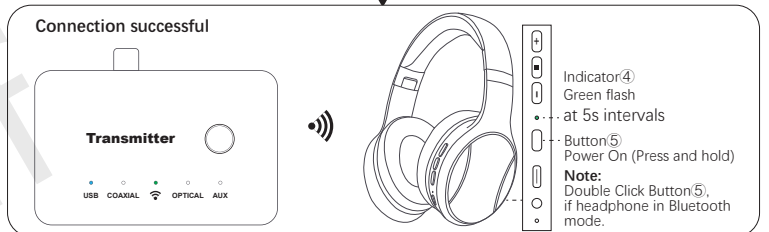
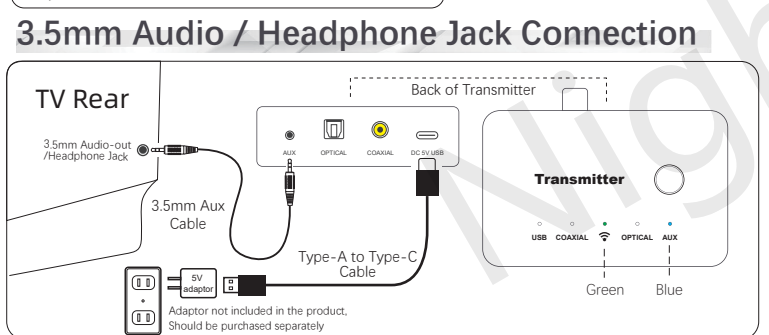


USB Audio Connection



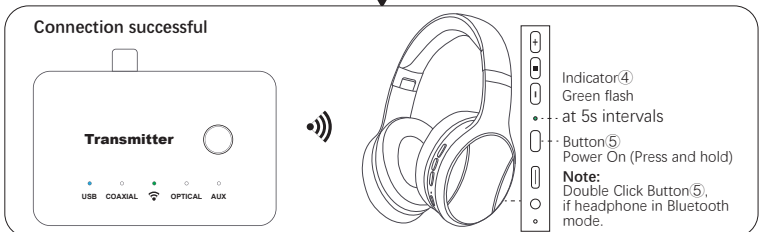
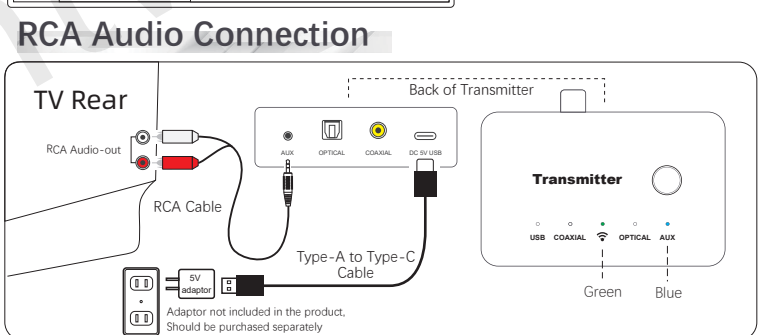
1. Connect the Transmitter to the USB audio output of the device.
2. Press and hold button⑤ to turn on the headphone, and check the headphone of TV mode. The headphone automatically connect the transmitter.
3. After connected successfully that you can hear the sound played by the device.

Note:
1. Confirm device's USB support USB audio output, otherwise choose other connection method.
2. The USB audio output connection method must use the data cable.



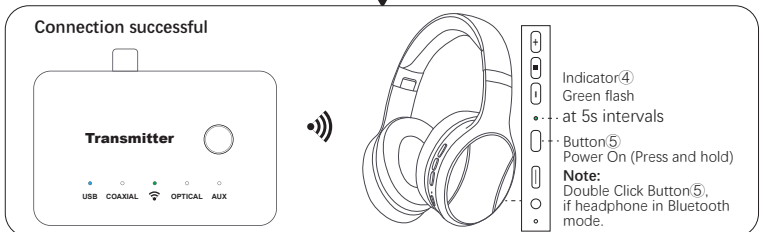
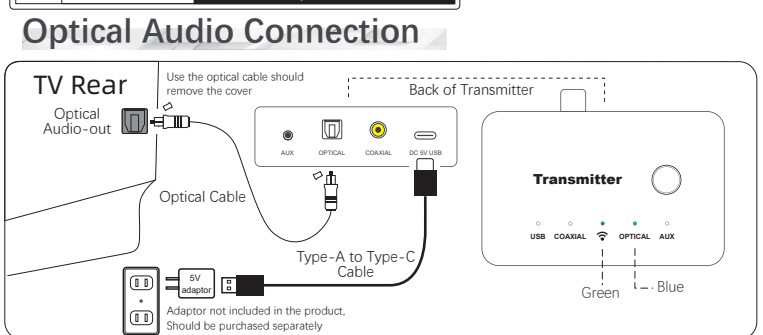
1. Connect the Transmitter to the 3.5mm headphone audio output of the device and 5V USB power supply adaptor.
2. Press and hold button⑤ to turn on the headphone, and check the headphone of TV mode. The headphone automatically connect the transmitter.
3. After connected successfully that you can hear the sound played by the device.

Note:
1. Confirm device support 3.5mm audio output or has headphone jack, otherwise choose other connection method.



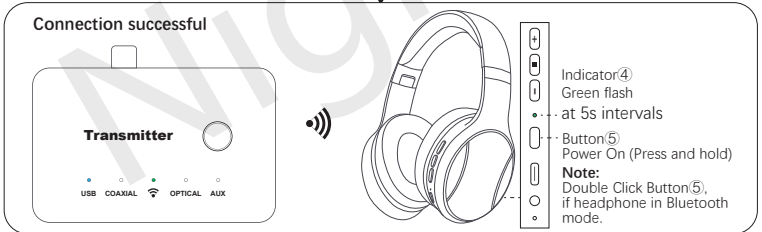
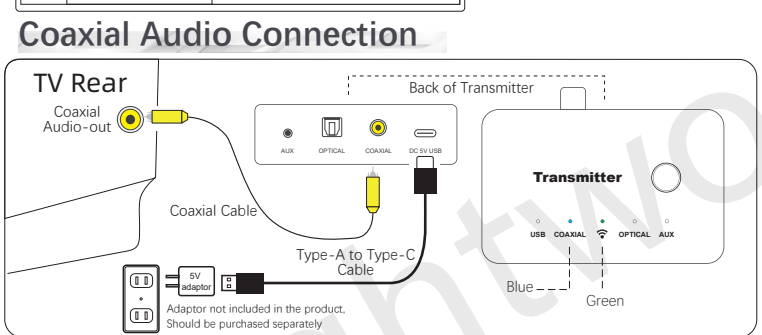
1. Connect the Transmitter to the RCA audio output of the device and 5V USB power supply adaptor.
2. Press and hold button⑤ to turn on the headphone, and check the headphone of TV mode. The headphone automatically connect the transmitter.
3. After connected successfully that you can hear the sound played by the device.

Note:
1. Confirm device support RCA audio output, otherwise choose other connection method.



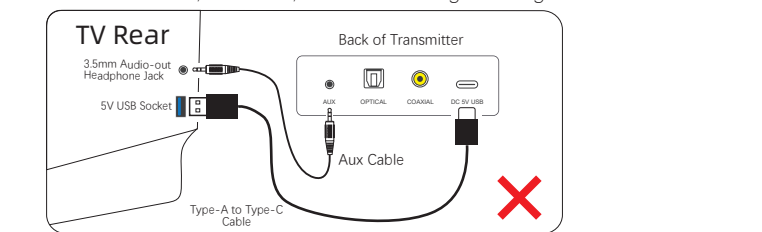
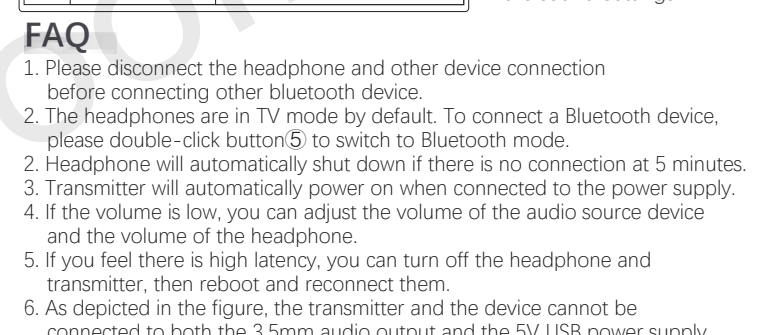
1. Connect the Transmitter to the Optical audio output of the device and 5V USB power supply.
2. Press and hold button⑤ to turn on the headphone, and check the headphone of TV mode. The headphone automatically connect the transmitter.
3. After connected successfully that you can hear the sound played by the device.

Note:
1. Confirm device support S/PDIF Digital Audio output(Optical/PCM), otherwise choose other connection method.



1. Connect the Transmitter to the Coaxial audio output of the device and 5V USB power supply.
2. Press and hold button⑤ to turn on the headphone, and check the headphone of TV mode. The headphone automatically connect the transmitter.
3. After connected successfully that you can hear the sound played by the device.

Note:
1. Confirm device support S/PDIF Digital Audio output(Coaxial), otherwise choose other connection method.

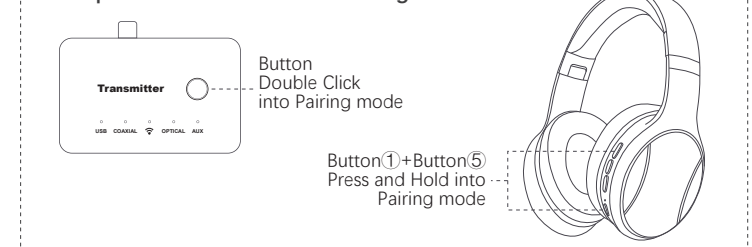


7. The AV socket of certain devices resembles the headphone audio output socket. Before using, please confirm the socket type in the device manual.

8. Before using RCA socket, please confirm the socket is RCA audio output. 9. These situation signals will weaken, the range will become shorter:
▲ Have the obstacle between headphone and Transmitter.
▲ The transmitter is placed on the ground.
▲ In open outdoor areas.

10. The transmitter is exclusively compatible with the headphones that have been pre-paired and cannot establish a connection with other devices.

11. If the headphones fail to connect to the transmitter. Please check if the indicator lights are green or re-pair them (the specific method is as follows).



1. **Transmitter:** Double click the button to enter pairing mode.
2. **Headphones:** Press and hold Button① + Button⑤ to enter pairing mode.
3. **Pairing:** Both indicators flash green. Headphone Indicator④ turns solid green when paired.
4. **Exit:** Transmitter exits automatically after 30s or double click the button to exit.
5. **Connect succes:** Audio plays. Transmitter stays green; headphone flashes green every 5s.