



Shenzhen Jianghao Technology TK-X2 Helmet Bluetooth Headset Instruction Manual

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SHENZHEN

Jiangshan Technology TK-X2 Helmet Bluetooth Headset
Instruction Manual

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TK-X2 Helmet Bluetooth Headset



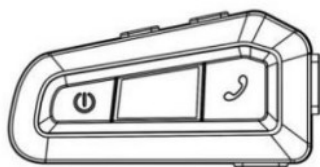
Specifications

Bluetooth version	5
Operating distance	1000 meters
Standby duration	200 hours
Working duration	16 hours
Charging duration	About 3 hours
Charging interface	TYPE-C interface
Power supply requirements	5V=1A
Bluetooth version	Chargeable lithium polymer battery
Operating temperature	14°F~122°F (-10°C~50°C)
Storage environment	5°F~131°F (-15°C~55°C)

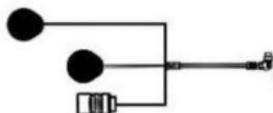
* The working duration and mobile phone types are related to the operating status, so the actual duration may be somewhat different.

* There may be deviation in the operating distance due to effects such as environments and climates, etc.

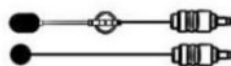
Packing List



Main unit



Headphone cord



Microphone



Operation instructions



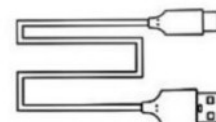
Clamp



Velcro clip



Screwdriver



Charging cord

Installation Steps

3.1 Fixing Installation by Clamps

1



2



3

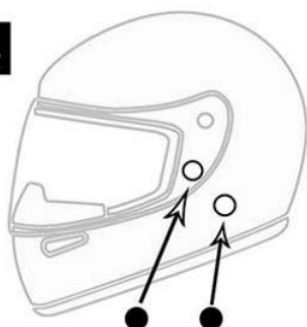


Loose screws at the back of the clamps with component screwdrivers.

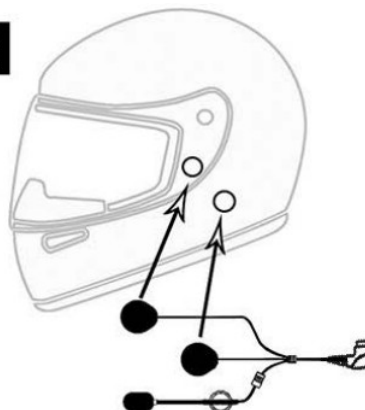
Open the inner lining on the left of the helmet to mount the clamp at a proper position and then tighten the screws.

Align the clamping position of the main unit base at the clamp fastener, and move the main unit in the direction of the arrow to fix it.

4



5



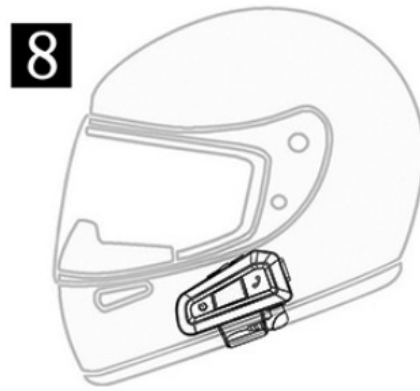
6



Open inner lining at ear position of helmet and attach Velcro surface on speaker of the headphone cord.

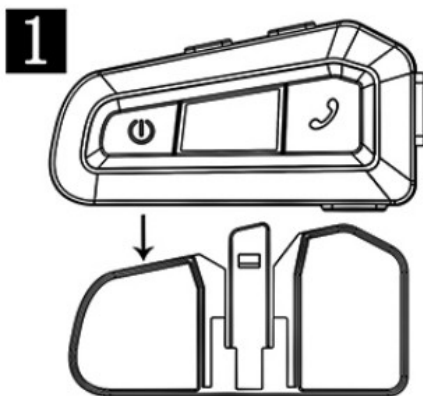
Attach speaker hook surface to your surface.

Attach circular microphone rod to a suitable position on left side of helmet, so that microphone is aimed at mouth, and then adjust line and inner linings.



Insert plug into headphone interface and installation is completed.

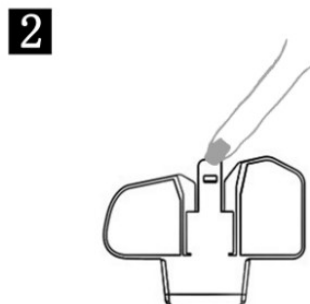
3.2 Installation by Velcro Clip



Align base of main unit with mounting port of clip, move main unit in direction of arrow to fasten.

Peel off sticker on back of Velcro clip and stick it in place on left side of helmet.

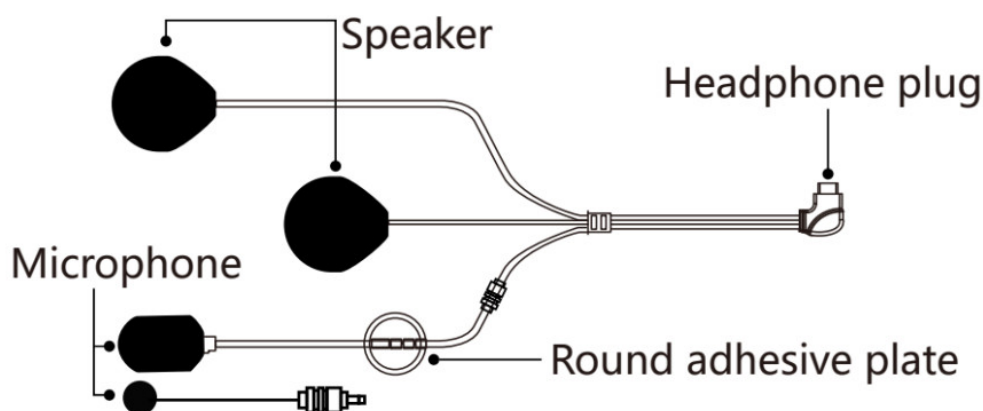
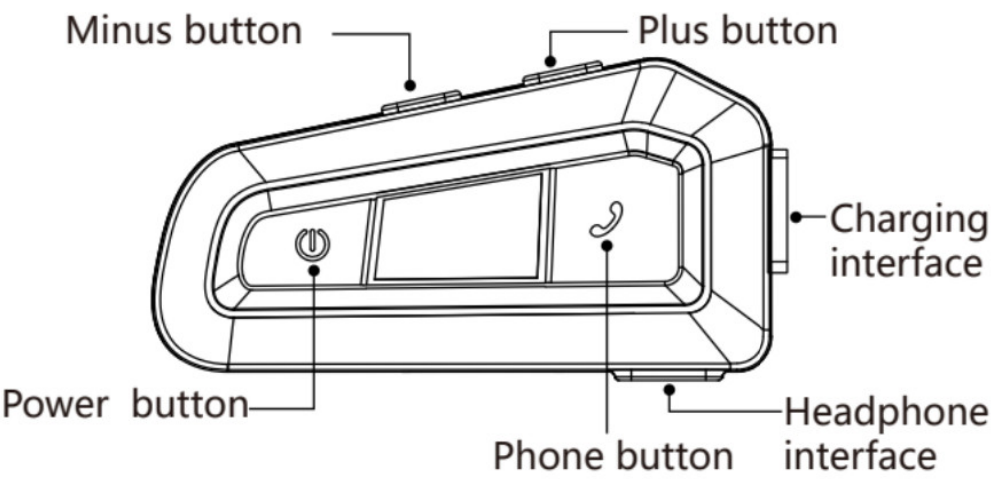
Main Unit Disassembly Steps



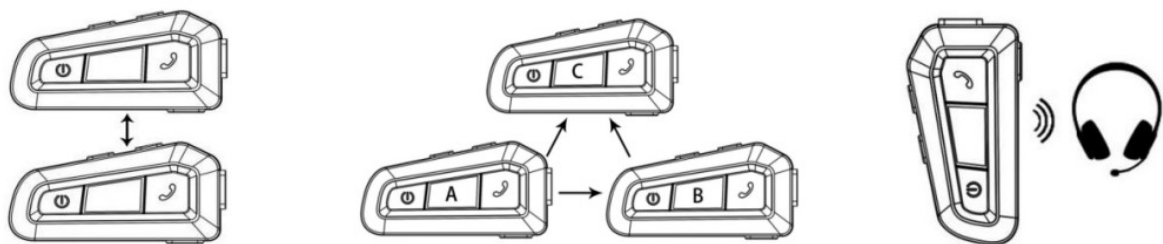
Remove headphone plug.

Press and hold the small tongue on the clip, then move the main unit in the direction of the arrow to take it out.

Product Introduction



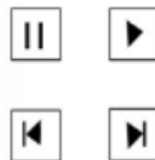
Function Introduction



Two-vehicle Communication 1000 M	Three-way Intercom, Switch Two-to-Two Intercom by Button	Connect Other Bluetooth Headsets
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Connect Mobile Phone	Stereo Music	Voice Command	Built-in FM Radio
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Hi-Fi Stereo	DSP Processing	Play Control	Waterproof
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Button Operation Instructions

7.1 Power Button

- **Power On**— In the power off state, press it for 2 seconds until you hear the "Power on", blue light is flashing for 3 times. It will become regular flashing, and the current battery power will be broadcast after it is turned on.
- **Power Off**— Press it for 5 seconds in the power-on state, until you hear "Power off", blue light is on for 1 second.
- **Pairing Mode**— In off state, press for 4 seconds until red and blue lights flash alternately.
- **Start Intercom Pairing**— Both Bluetooth headsets enter pairing mode, press the power button of one of them, two Bluetooth headsets turn blue and flash simultaneously after it is OK, and you can hear "Intercom connected".

Note: If the way to start the intercom is different in three-way intercom state, please read instructions in 9.5 carefully.

- Terminate/Resume Bluetooth Intercom Call— Short press the intercom will be disconnected in the intercom mode, and "Intercom disconnected" will be heard. Short press again to resume the intercom call.
 - Power Button & Other Button Combination Functions
1. **Clear Pairing Record** (press the power button for 8 seconds when shutting down, until you hear a "beep", it can automatically shut down after clearing, and you need to re-pair next time.)
 2. **Pair with Other Bluetooth Headsets** (turn off TK-X2 to clear Bluetooth pairing record, then long press TK-X2 power button to enter red and blue lights flashing alternately, turn on other Bluetooth headsets to pairing mode, press TK-X2 power button and phone button simultaneously, and wait until TK-X2 turns into a blue light flashing or hear "Intercom connected" prompt tone, the pairing is successful.)
 3. **Enter Pairing State for Second Time to Connect to Mobile Phone** (First pair the intercom after powering on, then press the power button to hang up the intercom. Press the power button and phone button for 2 seconds simultaneously to enter red and blue flashing mode after hanging up intercom, then use the mobile phone to search and connect at moment.)
 4. **Cancel Automatic Answering Function** (simultaneously press the power button and plus button for 1 second to cancel the function of automatically answering calls. If you need to restore this function, please repeat the operation once.)

7.2 Phone Button

- **Answer Call**— In state of connecting to a mobile phone, when incoming call is received, short press it to answer or answer automatically call without any operation for 8 seconds after incoming call.
- **Reject Call**— When phone is connected, press for 2 seconds to reject call.
- **Sound Switch Between Bluetooth Headset and Mobile Phone During Call**— Press for 2 seconds during the call, and sound switches to mobile phone at moment.
- **Hang up Call**— Press it during call to hang up call.
- **Music Play Pause**— When it is connected to phone, press the button.
- **Voice Dial**— When there is no call, intercom talk and music, press it for 2 seconds to activate Siri or S-Voice and hear "Voice dial". Simply speak the name from your phone list to dial.
- **Start/End FM**— When there is no call, intercom talk and music, double-click the button to hear "Turn on radio", outdoor effect is better.



7.3 Plus Button

- **Volume Up**— Long press it, and the volume will increase, and "beep" tone will be heard at maximum.
- **Previous Music**— When playing music, press it to switch to previous music.
- **FM Tuning**— In FM mode, press it to search up the station.



7.4 Minus Button

- **Volume Down**— Long press it, and the volume will decrease.
- **Next Music**— When playing music, press it to switch to next music.
- **FM Tuning**— In the FM mode, press it to search down the station.

Bluetooth Headset Status Indication & Prompt

- **Power On Status**— When power is on, you can hear "Power on", when intercom is connected, you can hear "Intercom connected", when intercom hangs up, you can hear "Intercom disconnected", and blue light flashes every 2 seconds.
- **Charging Status**— The red light is always on when charging, and red light is off when it is fully charged.
- **Low Battery Alarm**— The current level will be broadcast when battery is turned on; battery level is divided into three levels, namely: "Battery full" when battery is sufficient, "Battery medium" when battery is medium, and "Battery low" when battery is low. When battery is low during operation, it will give a prompt as "Battery low" every 20 seconds and red light will turn on.

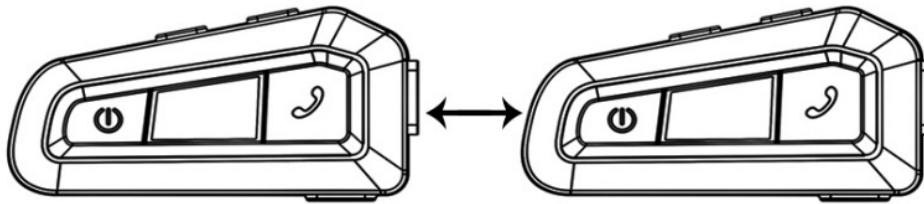
Pairing Method

9.1 Two Ways for TK-X2 to Enter the Pairing Mode Method 1: When Bluetooth headset is off, press the power button for 4 seconds, red & blue lights flash alternately.

Note: If previous paired other Bluetooth headset fail to enter the pairing mode in this way, the Bluetooth headset has a memory function. If you need to pair a new Bluetooth headset, please clear it before pairing.

Method 2: When Bluetooth headset is turned on, press the power button and phone button for 2 seconds simultaneously, Red+Blue lights flash alternately.

9.2 Two TK-X2 Pairing



Step 1: Place two Bluetooth headsets within 1 meter range, and operate according to 9.1 Method 1, so that both Bluetooth headsets enter the pairing mode.

Step 2: Press the power button of one of Bluetooth headsets, it will automatically search for other headset for pairing, after pairing is successful, you can hear "Intercom connected", and you can start intercom.

9.3 TK-X2 and Mobile Phone/GPS/MP3 Pairing

Step 1: Place two devices within 1 meter range.

Step 2: Follow the method 2 of 9.1 to put Bluetooth headset into pairing mode, turn on mobile phone Bluetooth to search for Bluetooth devices, select TK-X2, click connect, and you can hear "Bluetooth connected" when connection is successful.

Note: Steps for pairing two Bluetooth headsets and connecting to mobile phone simultaneously: First, follow the steps of 9.2 to pair the intercom, after intercom connection is successful, press one of power buttons to hang up intercom. Then use the method 2 of 9.1 to enter the pairing mode of the Bluetooth headset that needs to be connected, turn on the mobile phone Bluetooth to search for TK-X2 and connect.

9.4 Pairing TK-X2 with Other Bluetooth Headsets

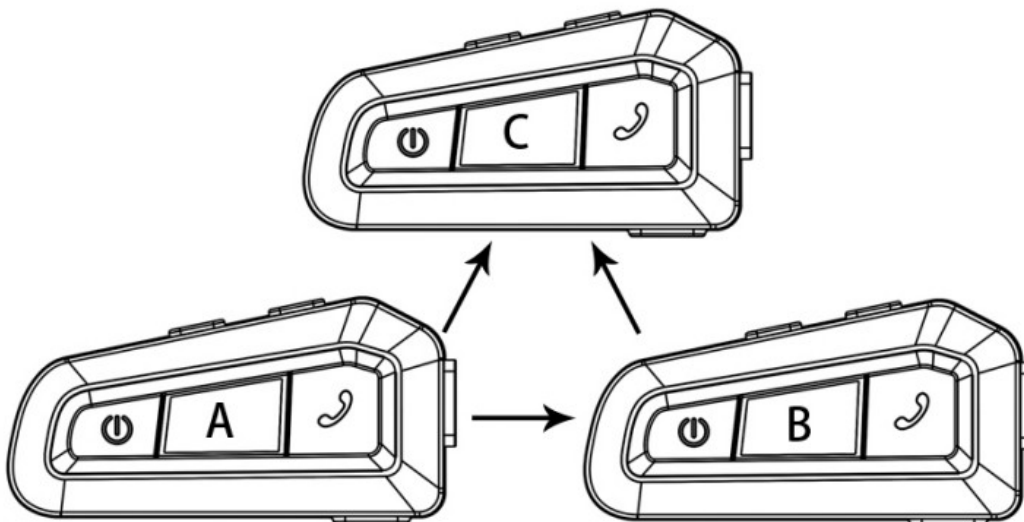
Step 1: Turn on device first to clear the pairing record, and place two Bluetooth devices within 1-meter range.

Step 2: Long press the power button of TK-X2 until red & blue lights flash alternately.

Step 3: Turn on other Bluetooth headset and enter the pairing mode.

Step 4: Short press power button and phone button of TK-X2 simultaneously, it will automatically search for other headset for pairing, and when you hear "Intercom connected", and the connection is successful.

9.5 TK-X2 Three-way Intercom Pairing Instructions



Note: Clear the pairing record of each machine before pairing.

Step 1: Clear the pairing records of A, B, and C First, turn on A, B, and C, then press power button for 8 seconds respectively, and you can hear "beep" time, and red & blue lights will flash simultaneously.

Step 2: Pair in order

1. Pair A and B. Press power button of A & B simultaneously to make red and blue lights flash, press power button of A, and wait for A & B to turn into a blue light simultaneously or hear "Intercom connected".
2. Press power button of B to hang up intercom between A & B, press power button of B and phone button

- simultaneously for 2 seconds to enter red&blue lights flashing, then press power button of C to enter red&blue lights flashing, Finally, press power button of B to initiate pairing. Wait for B&C to turn into blue lights simultaneously or hear "Intercom connected".
3. Press the power button of C to hang up the intercom between B & C, and then press power button and phone button of C simultaneously for 2 seconds to enter red & blue lights flashing, and press simultaneously power button and phone button of A for 2 seconds to enter red & blue lights flashing and press finally power button of C to initiate pairing. Wait for C & A to turn into blue light simultaneously or hear "Intercom connected".
 4. At moment, the three- way call mode of A & B & C has been set. For example, press the power button of A to hang up intercom. When it is not in intercom, press the power button of A to reconnect to intercom with B, and press the power button twice to reconnect to intercom with C;
Press the power button of B once to C, and press power button twice in a row to A; Press the power button of C once to A, and press power button twice in a row to B.

Function Priority Description

Level 1: Telephone

Level 2: Bluetooth intercom

Level 3: Mobile Music

Level 4: FM

Note: A lower-priority is always interrupted by a higher-priority function. For example, mobile music can be interrupted by an intercom call, intercom talk can be interrupted by an incoming phone call.

Notes

1. If you stop using this unit for long, please store it at a dry place, and charge the unit regularly (charge once three months) to ensure that the unit can work normally;
2. The storage temperature of the unit is -15°C to 55°C, so please do not store it under an environment where temperature is too high or too low. Otherwise it may have an adverse effect on the service life of the unit;
3. Please do not expose this unit to open flames to avoid explosion.

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:

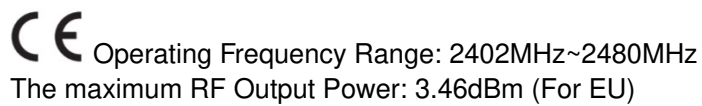
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

Hereby, Shenzhen Jiangshan Technology Co., Ltd. declare that the radio equipment type Helmet Bluetooth Headset is compliance with Directive 2014/53/EU.



The maximum RF Output Power: 3.46dBm (For EU)



Documents / Resources

[Shenzhen Jianghao Technology TK-X2 Helmet Bluetooth Headset](#) [pdf] Instruction Manual
2BC2ATK-X2, 2BC2ATKX2, TK-X2, TK-X2 Helmet Bluetooth Headset, Helmet Bluetooth
Headset, Bluetooth Headset, Headset