



Hysnox Shark 02 Helmet Intercom Headset User Manual

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Hysnox

HELMET INTERCOM HEADSET
Shark 02



Shark 02 wireless headset intercom

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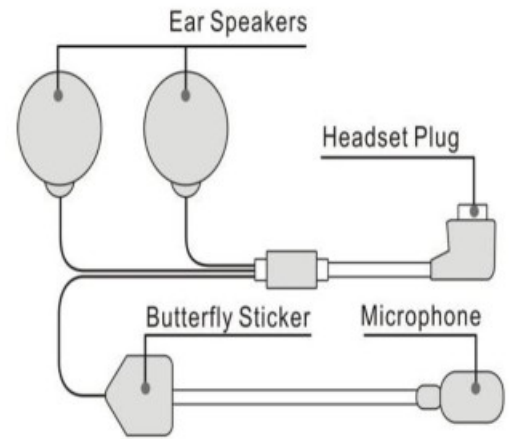
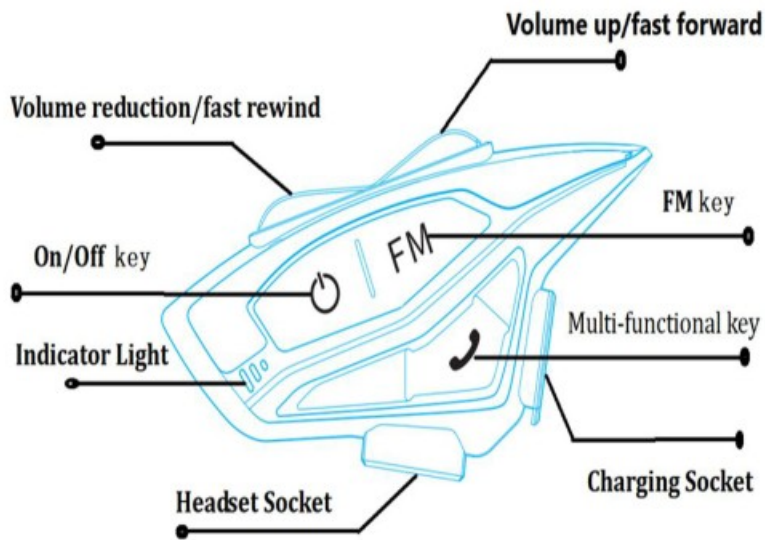
Introduction

Product Overview

Thank you for choosing **HYSNOX** Shark 02 helmet Bluetooth intercom headset, This is a helmet mounted Bluetooth intercom specially designed for motorcycle riders. It integrate the function of intercom, telephone, music, FM radio and GPS navigating voice prompt during riding. Riders now can have a clear, safe and comfortable experience in the journey.

Shark02 has Bluetooth, stable system operation, dual intelligent noise reduction, low power consumption, strong pickup effect, multiple device connection support, strong compatibility. It is a fashionable compact, energy-saving and environmental friendly high-tech Bluetooth product with humanized design.

Product instruction chart



Main Functions

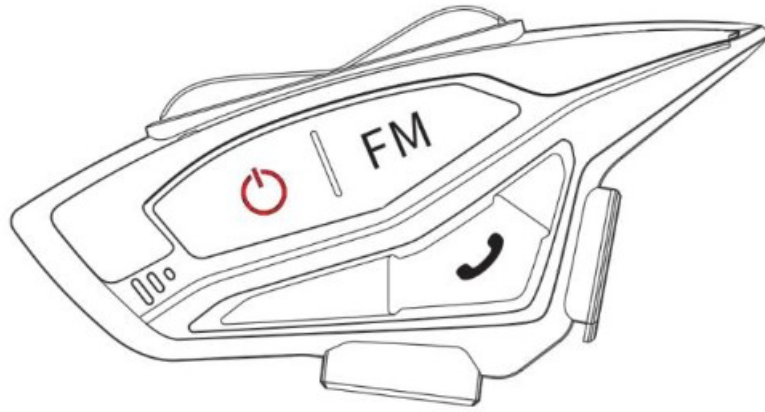
- Qualcomm Bluetooth voice chip
- Intelligent DSP audio processing, CVC 12th generation noise reduction processing, 16K voice bandwidth transmission rate
- Ultra-fast connection pairing speed.
- FM radio.
- Multi-language tone operation.
- Phone, MP3, GPS voice Bluetooth transfer.
- Voice wake-up call.
- Automatic answer, support last dialed number redial
- Smart microphone pickup.
- Simultaneous connection of 2 other devices (phone, MP3, GPS)
- Support voice communication at 120 km/h speed.
- 40mm tuning speaker diaphragm, shocking music.
- IP65 level waterproof.
- 900mAh battery capacity, 28 hours continuous intercom/phone, 33H listening to music, 500 hours standby.
- Support pairing intercom with third-party Bluetooth intercom.

Applicable people:

- Motorcycle and bicycle riders; skiers; take-away riders; electric vehicle people; construction and mining workers; firefighters and traffic police, etc.

Key functions and operations

Power on / off



Power on: Press and hold **(on/off)** for 2 seconds, hear the power-on tone, red and blue lights flashing alternately, the power-on is complete (if connected to Bluetooth will be blue lights flashing slowly);

Power off: Press and hold on/off for 4 seconds, hear the shutdown tone, the red light will be on for 1 second, shutdown is complete.

Restore factory settings:

Press and hold on/off + multi-function key for 2 seconds, the red light and blue light will be on at the same time, and the shutdown beep will be heard to enter the restore factory settings

Phone Controls

1. **Answer the call:** when there is an incoming call, short press [multi-function] key to answer the call.



2. **Automatic answer:** when an incoming call rings for 8 seconds without any operation, the Bluetooth intercom will automatically answer the call.
3. **Reject the call:** Press and hold the [multi-function key] for 2 seconds when you hear an incoming call ring to reject the call.
4. **End call:** During a call, short press multi-function key to end the call.
5. **Redial the last number:** In standby mode, quickly double-click on/off to automatically dial one of the last numbers dialed.
6. **Cancel auto-answer:**

If you do not need the auto-answer function, you can long press multi-function key + [FM] key to cancel or open the auto-answer function (the initial state of the default auto-answer);

Indicator status: flashing blue light three times to open auto-answer flashing red light three times to close auto-answer.

Music control

Play / pause: in Bluetooth connection mode, press the multi-function key once to control the music play / pause;
forward: Pressing the volume up button once to select the next song.

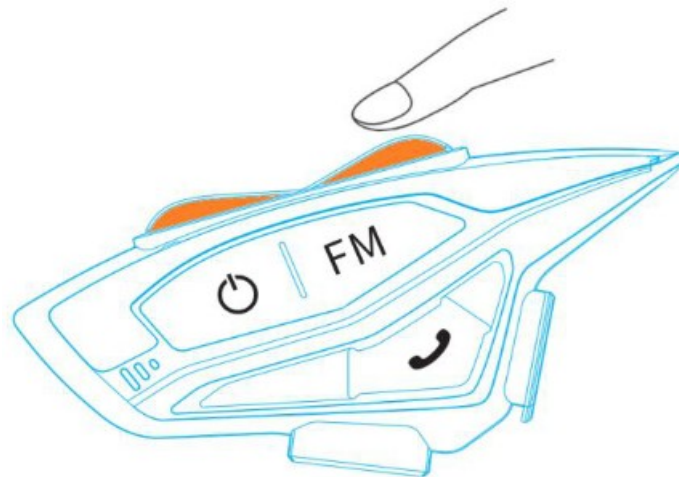
Reverse: Pressing the volume down button once to return to the previous music.



Volume Adjustment

Long press the volume up key without releasing to increase the volume, long press the volume reduction key without releasing to decrease the volume.

volume adjustment is subject to what you want; the highest volume has an alarm tone prompt.



FM Radio Control

1. **Turn on the radio:** In standby mode, long press [FM] for 2 seconds to start FM radio.
2. After turning on the FM radio, each time you press the volume up or decrease key, you can tune the station to select the station (Note: often press the volume up/decrease key without letting go is to enter the volume adjustment mode, at this time you can increase the volume or decrease the volume).
3. **Turn off the radio:** Press and hold the [FM] for 2 seconds. the headset will switch back to the previous state.

Note :

1. When the indoor signal is weak, in order to make the FM radio work best, you can try to turn on the FM radio near the window or in the open area outside;
2. At the radio mode, when there is a call, the headset will automatically disconnect the radio, connect the mobile phone, and automatically restore the radio status when the call ends;

Language Tone Switching

The device has a multi-language prompt tone selection.

In the power on state, press and hold .on/off) + [volume up/down] Keys to switch the language prompt tone, each operation switches to the next language and can be operated in a cycle.

How to Pair

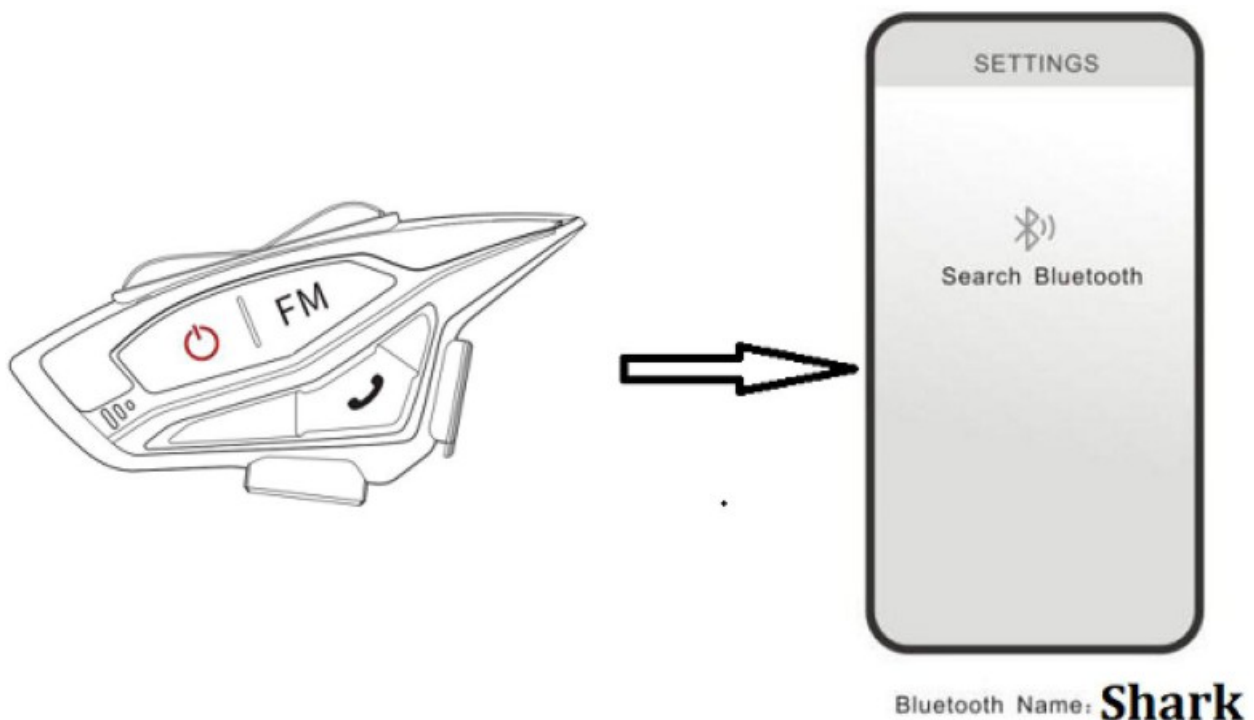
Place the device and the phone within a distance of 1 meter in between.

Pairing mobile phone [method 1]:

1. Turn on Bluetooth: In the off state, long press the on/off for 2 seconds, until the red and blue lights alternately flash, enter the Bluetooth waiting connection state; if other devices have been connected will enter the blue light slow flash, please reset and turn on the phone again.
2. Search phone Bluetooth: In the state of alternating red and blue lights, open the phone Bluetooth settings, search for nearby Bluetooth devices, select "Shark" connection pairing, pairing success will be accompanied by a beep "Bluetooth is connected", connected to Bluetooth successfully.

Note: If the device has a pairing record with the phone, the device will automatically connect to the phone

Bluetooth again, no need to repeat the pairing (provided that the phone Bluetooth is open).



Pairing mobile phone [method 2]:

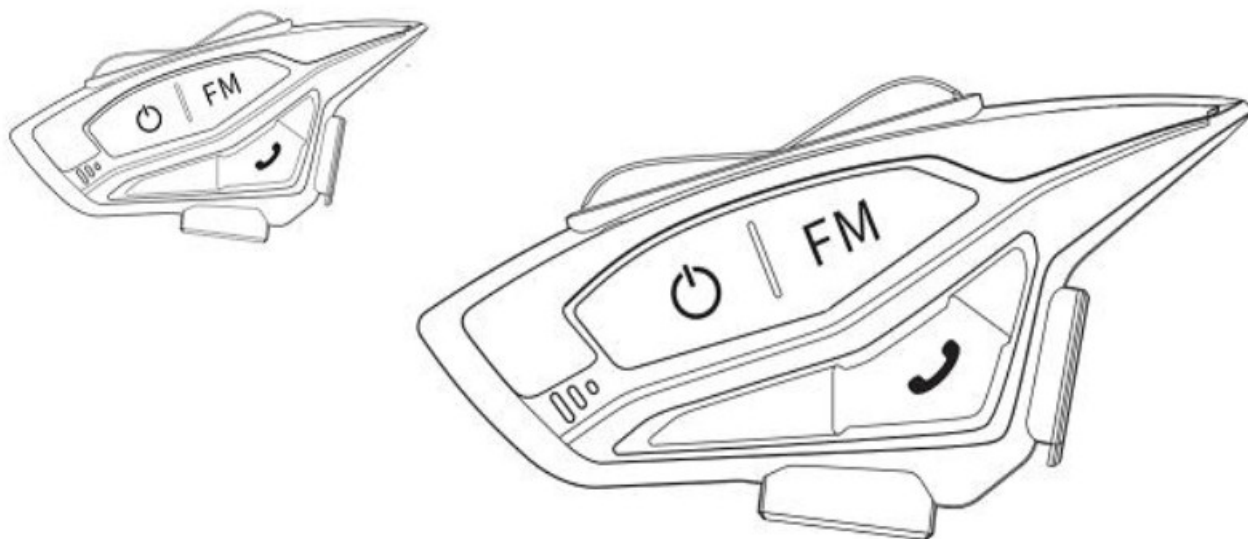
After power on, in the standby state (blue light blinking), you can also press and hold the on/off + [FM] for 2 seconds, until the red and blue lights alternately blink, enter the Bluetooth waiting pairing state, the phone search for the device Bluetooth name "Shark", click connect to complete the pairing. This Bluetooth connection method is practical for 120 seconds without Bluetooth pairing operation want to connect again;

Pairing intercoms between two Bluetooth intercoms

Place two Bluetooth intercoms of the same model within 1 meter of each other.

Pairing steps: 1) Turn on the two Bluetooth intercoms (A, B), AB needs to enter the Bluetooth waiting pairing state at the same time, red and blue lights flashing alternately. (2) short press the A intercom on/off, A becomes blue light flashing fast, enter the intercom search mode; successful connection AB blue light slow flashing, there will be intercom has been connected to the beep.

Note: If the Bluetooth intercom (A, B) has been connected to other Bluetooth devices, the indicator light will show a slow flashing blue light, you need to first long press on/off+ [FM key] 2 seconds operation, until the red and blue lights alternately flashing, into the waiting for the pairing state before the next pairing operation.



Attention.

(a) two Bluetooth headset in the intercom pairing success, no need to repeatedly pair, turn off the phone and then turn on again, intercom automatically connected.

(b) If the first pairing intercom success, but not yet connected to the phone Bluetooth, long press on/off+ [FM key] 2 seconds into the Bluetooth search for pairing phone Bluetooth, complete the phone Bluetooth connection.

(c) In the intercom process, environmental factors inevitably disconnected, disconnected within 10 minutes will be automatically connected back to the function, such as beyond the automatic back to the time, manually long press [multi-function] key once again back to the intercom.

(d) When talking to each other, long press [multi-function] key to terminate the conversation, and long press again to connect back to the conversation.

Multi-mode intelligent mixed use

1. When in two-person intercom, you can disconnect the intercom by long-pressing [multi-function] key for 2 seconds, and then short-press [multi-function] key for phone music playback (already connected to the phone Bluetooth case), or long-press the [FM key] for 2 seconds to open the FM radio.
2. When in music mode/FM radio mode, long press [multi-function] key for 2 seconds to resume intercom, directly switch to two people intercom mode.
3. When the device is in intercom, if the intercom is also connected to the phone state, when a call comes in, the intercom will automatically disconnect, switch to answer the call, and automatically resume intercom after the end of the call; it takes about 2 seconds to automatically switch back to intercom state from the phone call state.

Work priority order in multiple modes: Phone > Intercom > Music > FM

This pairing function only supports the use between two

different brand models, placing the two helmet Bluetooth intercoms within 1 meter of each other.

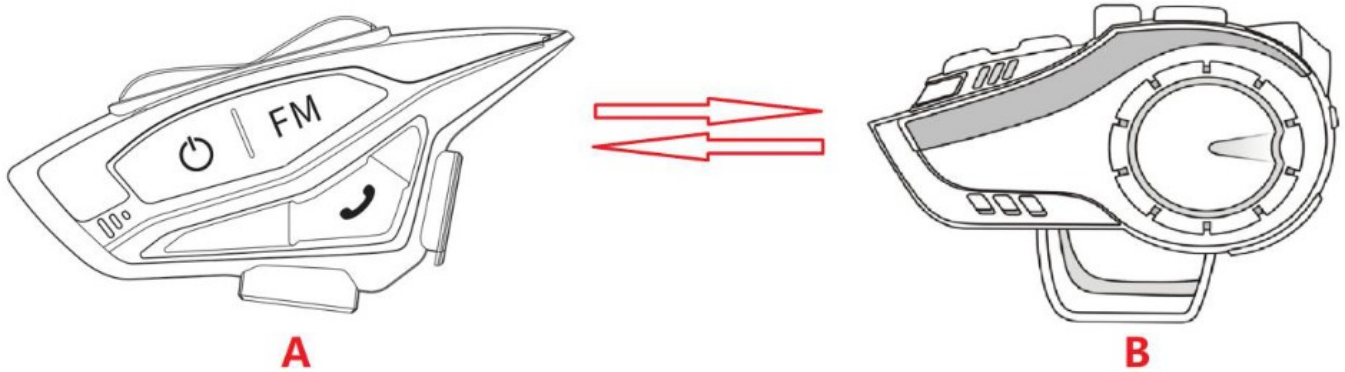
Pairing steps:

a) Power on: long press the Shark 02 intercom on/off for 2 seconds to hear the power-on tone, red and blue lights flashing alternately, enter Bluetooth search mode.

b) pairing: another headset also enter pairing mode, red and blue lights alternately flashing, at this time while short press

the Shark 02 on/off, blue lights flashing, hear the tone pairing search, wait for the connection can be.

c) intercom connection: hear the intercom has been connected to the beep, the red and blue lights of the two machines alternately flashing into a blue light slow flashing indicates a successful connection.

**Last number redial**

Double-click on/off to redial the last number when the phone is connected to Bluetooth.

Restore factory settings

Press and hold on/off+ multi-function key for 2 seconds, the red light and blue light will be on at the same time, and the shutdown beep will be heard to enter the factory settings.

Function Priority Level**Function priority**

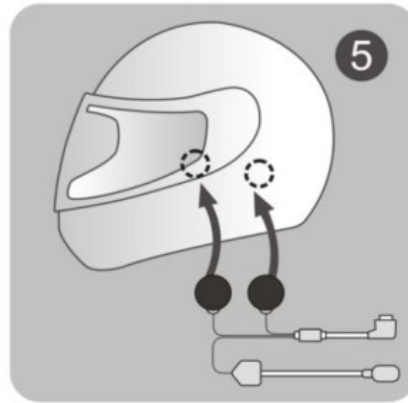
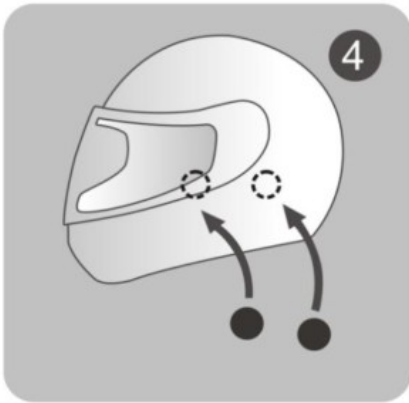
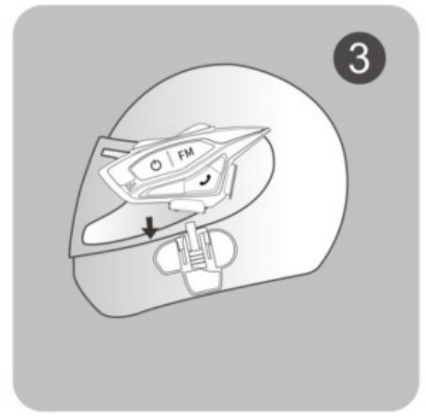
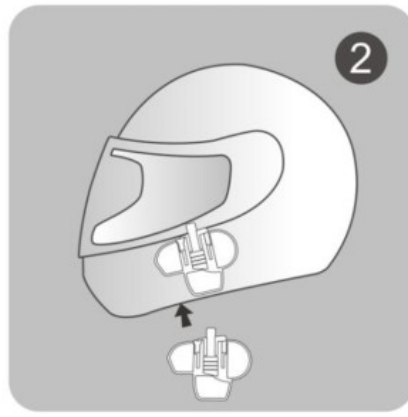
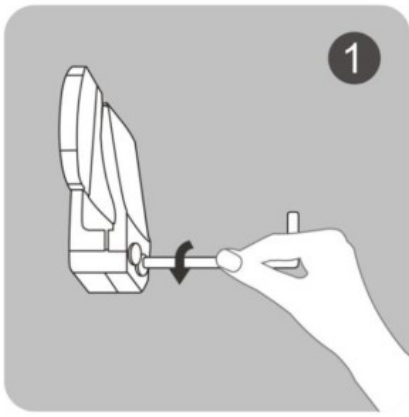
Level 1: Phone

Level 2: Bluetooth intercom

Level 3: Music/FM radio

Installation Procedure (one out of two)

option one: How to install with plastic clamp

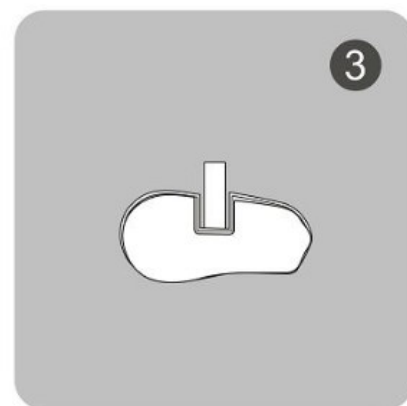
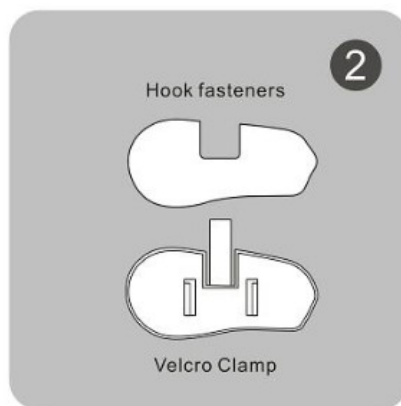
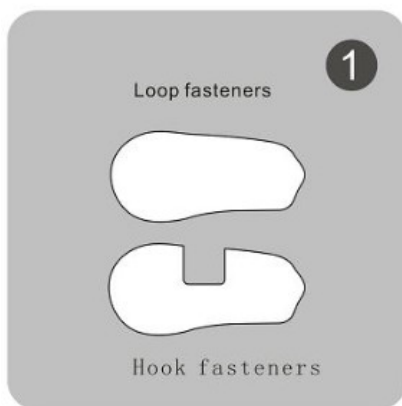


1. Use the included screwdriver to loosen the screws on the back clip and allow the clip to open to the proper level for easy insertion into the lower edge of the helmet.
2. Open the helmet liner, insert the Host back clip into the proper position on the left side of the helmet and tighten the screw (too tight can also damage the clip or the helmet)
3. Slide the Bluetooth intercom into the headset clip slot and make sure it locks securely.
4. Open the helmet liner (ear position), clean the helmet EPS surface, and paste a piece of speaker Velcro on each side (need to install close to the helmet ear position to achieve the best volume and sound).
5. Paste the speaker on the surface of the fixed Velcro (the speaker comes with a Velcro hook surface, the speaker with a short line should be installed close to the host side), while fixing the microphone, and properly organize the helmet liner and headphone cable.
6. Insert the headset plug into the headset jack of the intercom, bundle the headset cable and complete the installation.

option 2: How to Install with velcro clamp

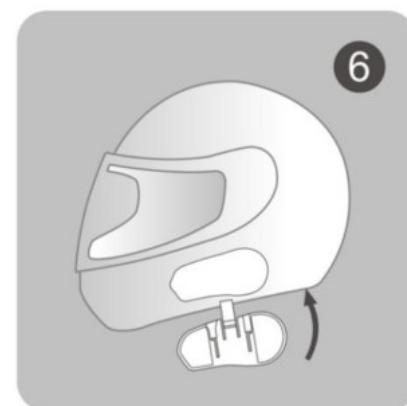
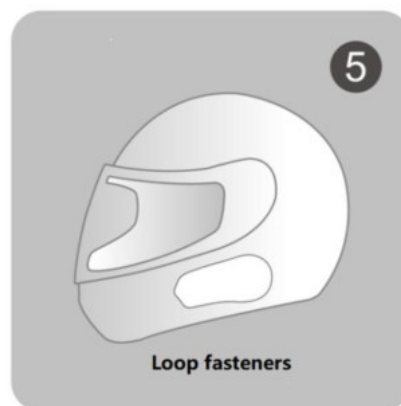
You can directly use the Velcro to mount the bluetooth device on the edge of helmet. See the following pictures.

- 1.

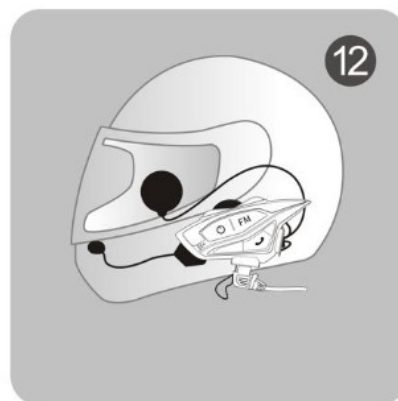
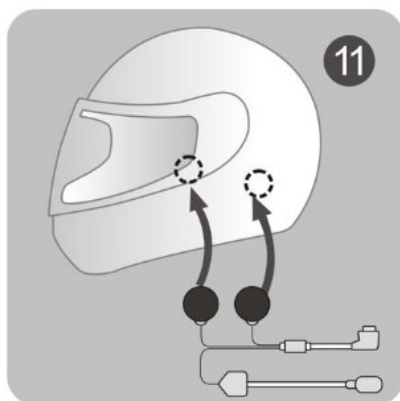
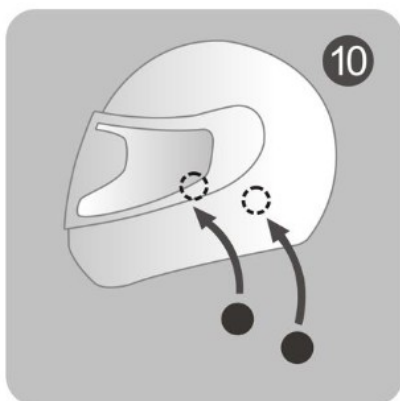
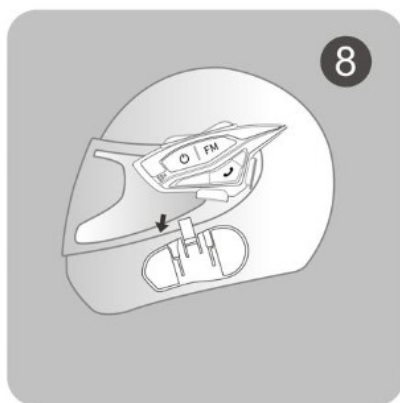


Separate the hook surface and the rough surface of the Velcro. First stick the hook surface onto the Velcro clip, then insert the Velcro clip into the host, hold the host in hand, and select the appropriate installation position on the helmet (pay attention to the correct orientation of the unit). After selecting the position, stick the rough surface of the Velcro to the position.

2. Remove the Velcro clip (with Velcro hook surface attached) from the host, and stick the hook surface to the rough surface of the Velcro, and make sure it is firm.

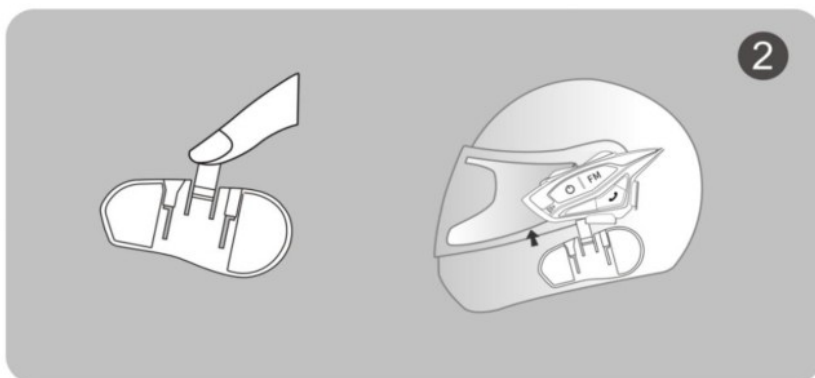
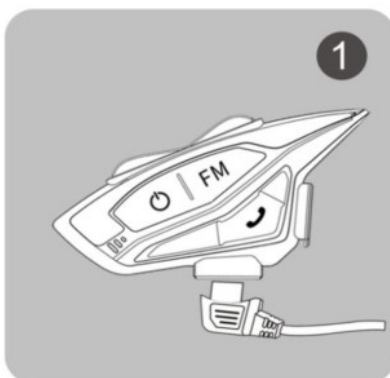


3. Slide the intercom host into the slot of the Velcro clip, clamp and lock it.
4. Open the helmet lining (ear position), clean the EPS surface of the helmet, and stick a piece of horn Velcro on the left and right sides (please install near the ear position to achieve the best volume sound effect).
5. Stick the speaker to the fixed Velcro surface (the speaker has its own Velcro hook surface, and the speaker with short line should be installed close to the host). At the same time, fix the microphone, and arrange the helmet liner and headphone cable.
6. Insert the earphone plug into the earphone jack of the intercom, tie up the earphone cable, and complete the installation.



Quickly remove the Bluetooth intercom from the helmet

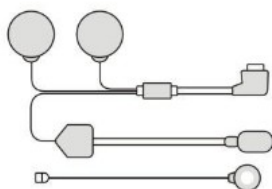
First unplug the headset cable, and then a finger press the middle of the back clip fixed snap (push to the side of the helmet), so that the back clip snap hook and Bluetooth intercom disengage, while pushing up the intercom, so that it smoothly slide out of the back clip, complete the disassembly.



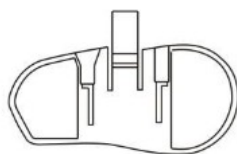
What's in the box



Bluetooth Device



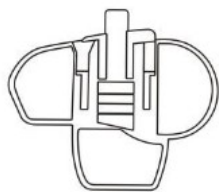
Microphone & headset



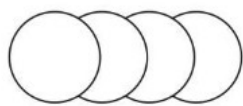
Velcro Clamp



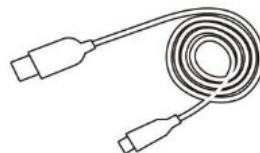
Hook and loop fasteners



Clamp



Headphone Velcro



USB Cable



Screw Driver



Manual

1. Bluetooth Device x1
2. Micro phone & headset x1
3. Velcro Clamp x1
4. Hook and loop fasteners x2
5. Clamp x1

6. Headphone Velcro x4
7. USB Cable x1
8. Screw Driver x1
9. Manual x1

Battery and charging instructions

1. Before using the Bluetooth intercom, please use the original charging cable to charge the intercom, the small TYPE-C connector on the charging cable connects to the USB charging port of the Bluetooth intercom, and the large USB on the charging cable connects to the following charging port for power supply
 - A, the USB port of the computer.**
 - B. A mobile power supply whose output is DC 5V.**
 - C. USB power adapter whose output is DC 5V.**
2. When charging, the red LED is always on, and when fully charged, the red light slowly goes out. It takes about 2 hours from low battery to full charge.

Product technical parameters

Working frequency: 2402-2480MHz

Support Bluetooth protocol: A2DP and AVRCP

Operating range: upto 10 meters for phones

Battery type: 900mAh rechargeable lithium polymer

Standby time: upto 500 hours

Talk time: up to 28 hours for cell phone calls/intercom; up to 33 hours for music

Charging time: about 2 hours

Power adapter: DC 5V 1A (optional)

Charging interface: TYPE-C interface

Operating temperature: 41F-104F (5°C-40°C)}

Storage temperature: -4F-122F (-20°C~50°C)

Cautions

1. Not connected to any device when the intercom 30 minutes automatically shut down, if up to a month or more without Bluetooth intercom, in order to protect the intercom lithium battery, please charge the headset once

every two months.

2. The applicable storage temperature of this product is -20°C to 50°C, please do not store in an environment where the temperature is too high or too low, otherwise it will affect the service life of the product.
3. Do not expose the product to open flame to avoid explosion.
4. Bluetooth intercom are not open, so as not to short-circuit the motherboard or battery damage, affecting normal use, must pay attention.
5. USB emergency shutdown: Bluetooth intercom in the work of any mode state if directly inserted into the USB charging will emergency shutdown, USB emergency shutdown will not save the recorded data, it is recommended that users do not use in non-emergency situations.

FCC Compliance Notice

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.

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.


FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



Documents / Resources

	<p>Hysnox Shark 02 Helmet Intercom Headset [pdf] User Manual SHARK02, 2AZ3F-SHARK02, 2AZ3FSHARK02, Shark 02 Helmet Intercom Headset, Shark 02, Helmet Intercom Headset, Intercom Headset, Headset</p>
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