HELMET GROUP INTERCOM HEADSET

User Manual

H9x

Product overview

Thank you for choosing H9x helmet group intercom headset, H9x can realize the public in the process of riding intercom, answer the phone, listen to music, FM radio and receive GPS navigation voice prompts and other functional needs.

H9x allows stabilize the operation system, noise cancellation with dual intelligence. The earphone equipped with 40mm high quality speakers and intelligent pickup microphone.
H9x supports multiple devices connected in order to achieve group intercoms and third-party Bluetooth product pairing. It is a fashionable and compact, energy-saving and environmentally friendly device. H9x is a humanization design in one of the high-tech Bluetooth group intercom headsets.

Enjoy safe riding with H9x, whether you're going on a romantic adventure to chase the sunset with your loved one, riding to enjoy exhilarating miles with your buddies on highways, or cycling through grasslands with your kids to explore the new world, H9x headset is always here to protect you and make your motorbike riding time special.

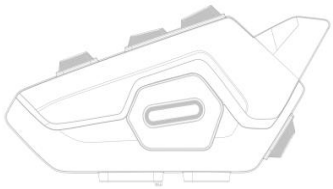
Main Functions

-Qualcomm Bluetooth voice chip version
-Intelligent DSP audio processing, CVC 12th generation noise reduction processing, 16K voice bandwidth transmission rate
-One-step easy pairing, 2KM distance group intercom (ideal distance).
-8 person full duplex intercom.
-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.
-IPX5 level waterproof.
-900mAh Battery capacity, 28H continuous intercom/phone, 33H listening to music, 500 hours standby.
-Support pairing intercom with third-party Bluetooth intercom.

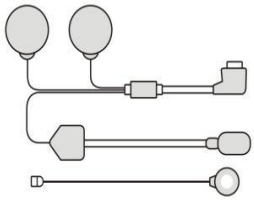
Applicable people:

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

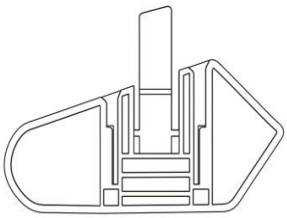
Package Content



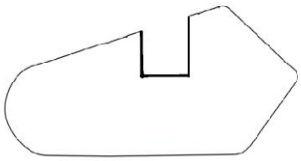
Bluetooth Headset



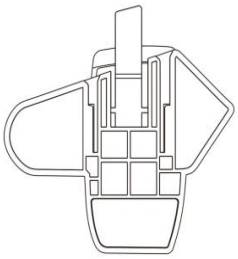
Microphone & Ear Speaker



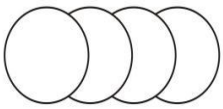
Magic Stick Clamp



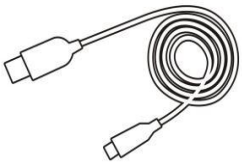
Magic Stick
(For Magic Stick Clamp)



Clamp

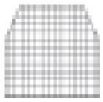


Circle Magic Sticker



Charging Cord

Allen Key

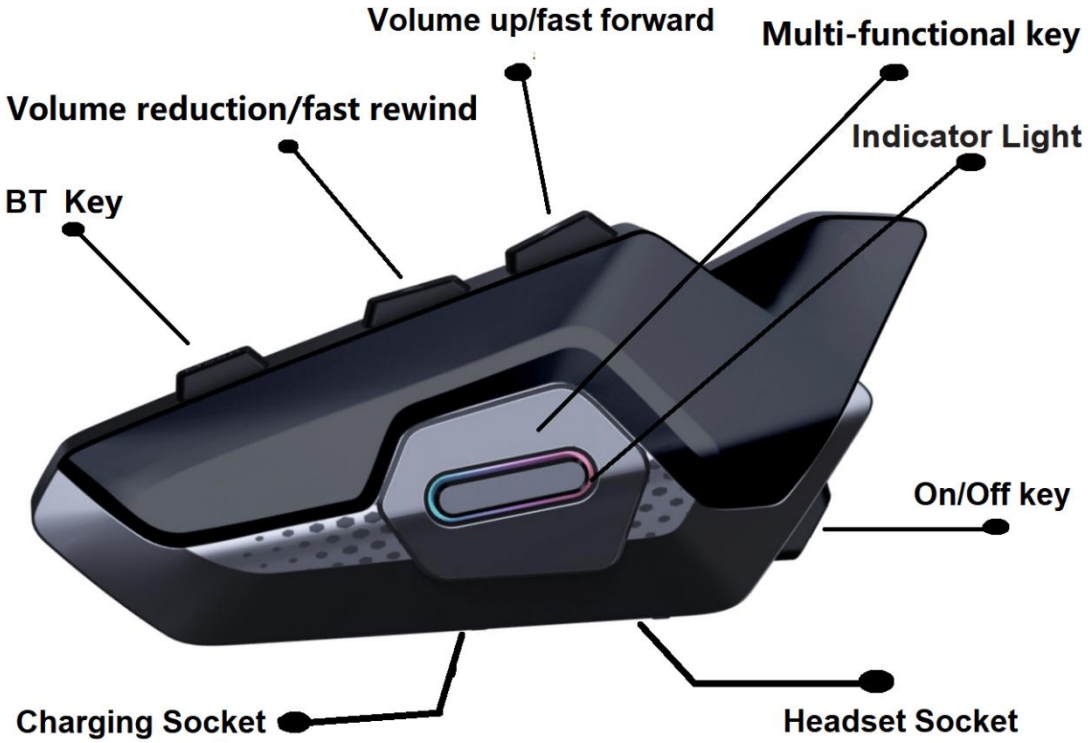


Butterfly Magic
Sticker

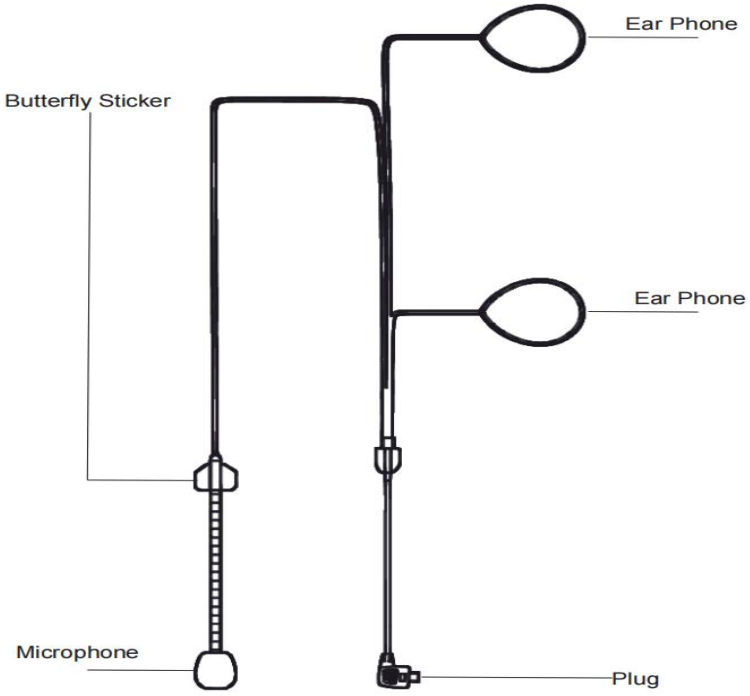
Technical Parameters

Working Distance	≤ 1000 meters (2 intercom) ≤ 2000 meters (multiple intercom)
Bluetooth Protocol	A2DP & AVRCP
Workable Distance with Mobile Phone	≤ 10 meters
Standby Time	500 hrs
Maximum Calling/Intercom Time	28 hrs
Music Playing Time	33 hrs
Fully Charged Time	2 hrs
Working Temperature	41°F- 104°F (5°C - 40°C)

Headset Introduction

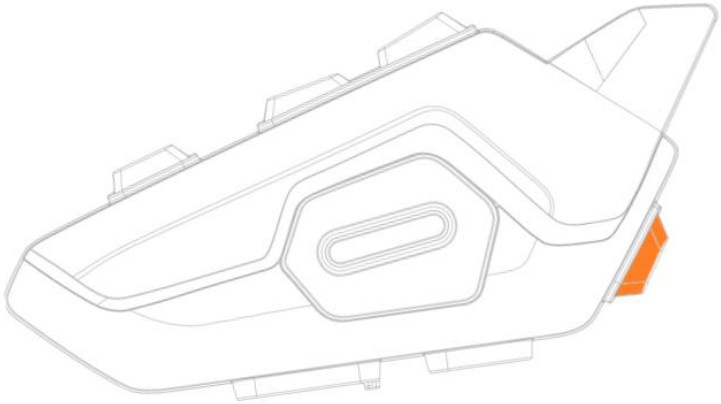


Microphone & Ear Speaker Introduction



Operation Instructions

Power On / Off



Power on: Press on hold【**on/off**】for 2 seconds, hear the power on tone, Blue light on for 1 second, then turn to every 2 seconds fast flashing blue light twice.
(I**f connected to Bluetooth will be blue light flashes once every 2 seconds**).

Power Off: Press on hold【**on/off**】for 4 seconds, hear the powered off tone, The red light stays on for one second and then goes out, powered off is complete.

Restore factory settings: press and hold【**on/off**】for 7 seconds in the power on state, the red light will flash slowly twice,accompanied by a "beep" to enter the restore factory settings, and then automatically shut down.

Pairing with Mobile Phone

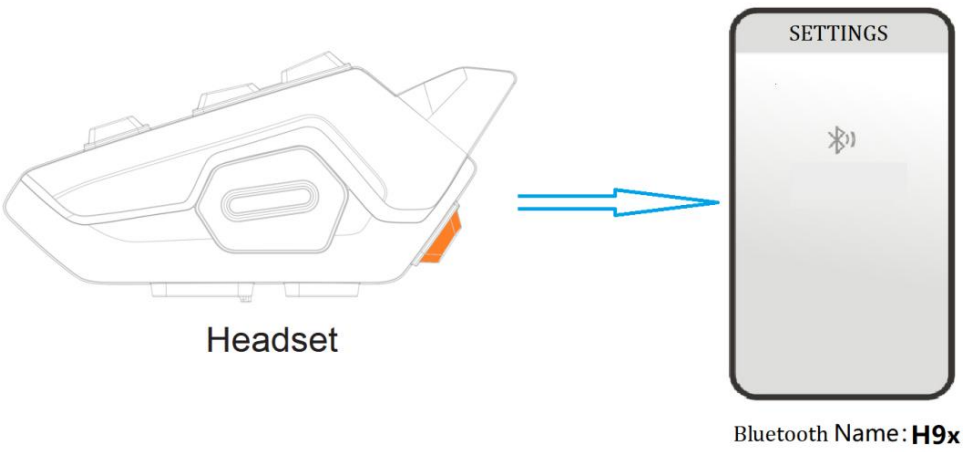
Place H9x and the phone within a distance of 1 meter in between.

Method 1

1) **Turn on Bluetooth:** In the off state, long press 【**on/off**】for 5 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 **" H9x "** connection pairing, pairing success will be accompanied by a beep "Bluetooth is connected", connected to Bluetooth successfully.

Note: If **H9x** has 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 to open)



Pairing with Mobile Phone

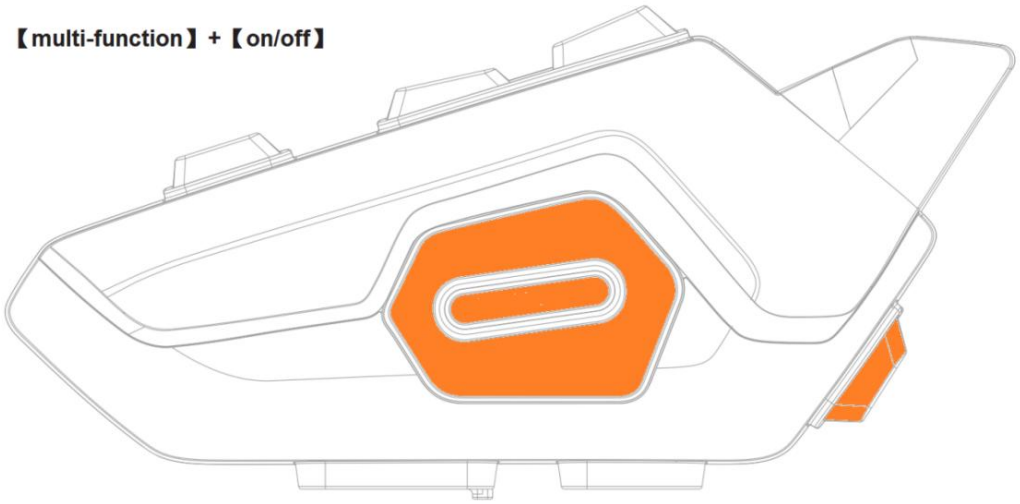
Method 2

After power on, in the standby state (blue-light flashes twice every 2S), you can also press and hold **【multi-function】+【on/off】** for 3 seconds, until the red and blue lights alternately blink, enter the Bluetooth waiting pairing state, the phone search for the device Bluetooth name "**H9x**", click connect to complete the pairing.

This Bluetooth connection method is practical for:

a)The power on does not enter the pairing state or 120 seconds without Bluetooth pairing operation wants to connect again;

b) Group intercom pairing success and then go to connect phone Bluetooth;



Phone Functions

Answer incoming calls: When there is an incoming call, short press【**multi-function**】to answer the call.

Automatically answer: When an incoming call rings for 10 seconds without any operation, the headset will automatically answer the call.

Reject: Press and hold【**multi-function**】 key for 1 seconds when you hear an incoming call ring to reject the call.

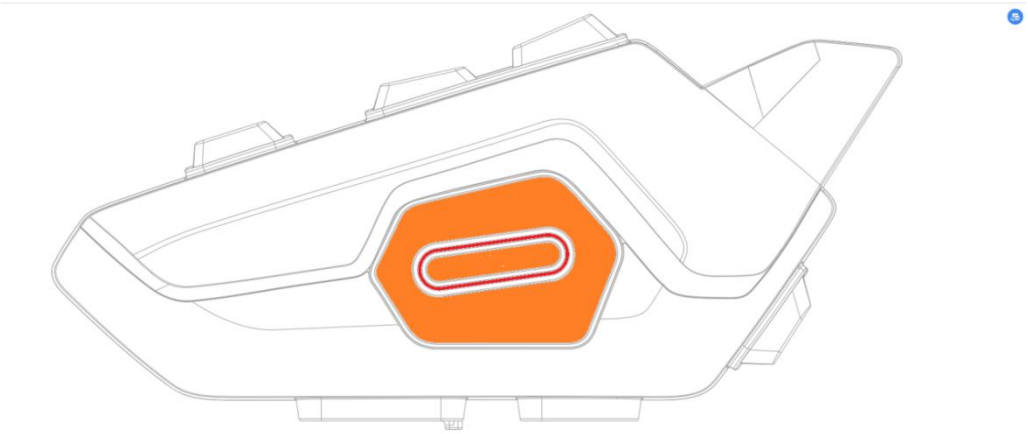
End-call: During a call, short press 【**multi-function**】 key to end the call.

Last code redial: In standby mode, quickly double-click【**on/off**】 to automatically dial one of the last numbers dialed.

Cancel auto-answer: If you do not need the auto-answer function, you can long press the【**multi-function**】

for 2 seconds 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.



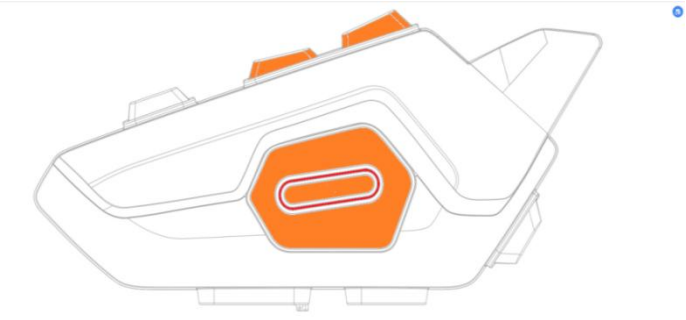
Music Control

Play/Pause: In Bluetooth connection mode, press the **【multi-function】** key once to control the music play / pause.

Forward: Pressing the **[volume +]** button once to choose the next song.

Reverse: Pressing the **[volume -]** button once to return to the previous music.

Volume Adjustment: Long



press the **[volume +]** key without releasing to increase the volume, long press the **[volume -]** key without releasing to decrease the volume. The volume adjustment is subject to what you want; the highest volume has an alarm tone prompt.

FM Radio

Turn on the radio: in standby mode, double-click **【multi-function】** key to start the FM radio.

Select Station: After turning on the FM radio, each time you press the**[volume +]** or **[volume -]** key, you can tune the station to select the station (note: often press **[volume +/-]** without letting go is to enter the volume adjustment mode, at this time you can increase the volume or decrease the volume).

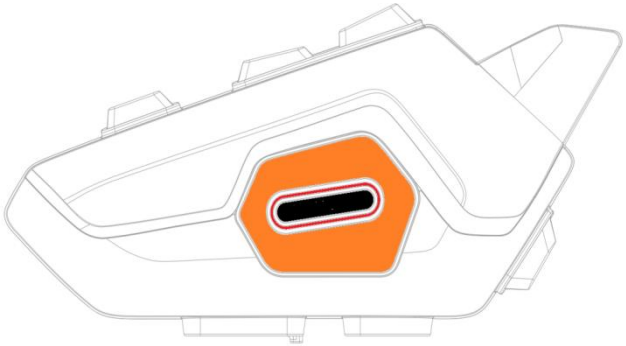
Turn off the radio: quickly double-click **【multi-function】** key, the headset will switch back to the previous state.

music and FM switch:

Under FM, clicks the **【multi-function】** to switch to music playback, click again **【multi-function】** music pause, wait 10 seconds to return to FM audio;

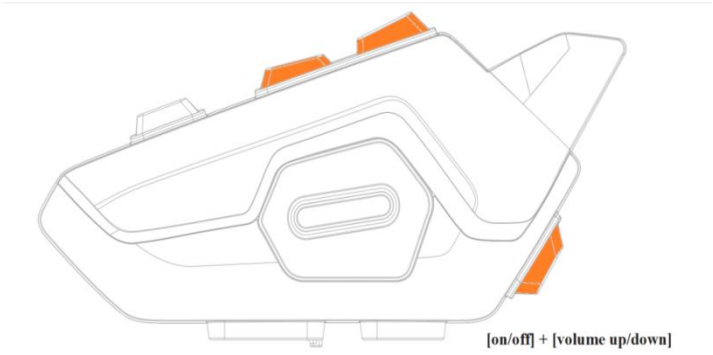
Attention

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 outdoor area. In the radio mode, when there is an incoming call, the headset will automatically disconnect the radio and answer the phone,and automatically return to the radio function 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 +/-]** keys to switch the language prompt tone, each operation switches to the next language and can be operated in a cycle.



Intercoms Pairing

Pairing 2 Intercoms

Placing two Bluetooth intercoms within 1 m.

Matching steps:

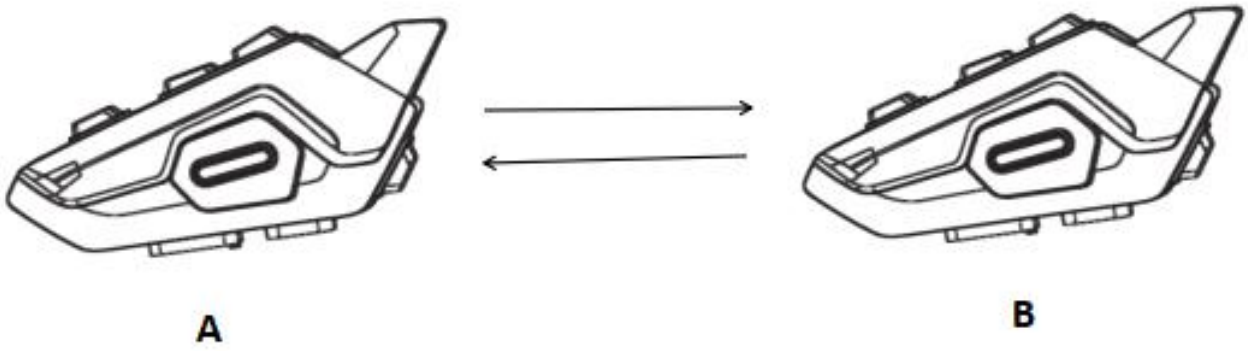
1) Two **H9x** intercoms (A, B) are turned on at the same time then every 2 seconds fast flashing blue light twice.

2) Two **H9x** intercoms click【**BT**】key to switch to '**Bluetooth intercom mode**'

3) Simultaneously long press A, B two intercom **[BT]** for 4 seconds, both become green light flashing fast, enter the intercom pairing mode.

4) Short press **[BT]** key of A again, hear the '**intercom search**' prompt into the search; A search to B, there will be a "beep", and then hear the '**intercom connected**' tone; at this time, the A&B green light becomes a slow flash. Can directly

intercom.



☆Note

1)After two helmet Bluetooth headsets pair successfully, there is no need to repeatedly pair, turn off the phone and then turn it on again, short press 【**on/off**】once to enter the intercom.

2)After successful pairing intercom, press the **[multi-function]** + 【**on/off**】 enter the Bluetooth search for pairing phone Bluetooth, complete the phone Bluetooth connection, any short press 【**on/off**】 of a device to enter the voice intercom.

3) In the intercom process, environmental factors might inevitably cause disconnection, disconnection within 10 minutes will be automatically connected back, or you can short-press 【**on/off**】 once manually to connect back to the intercom.

4) When in intercom, click 【**on/off**】 key to terminate the intercom, click again to connect back to the intercom.

Pairing Multiple Intercoms Automatically

Placing multiple Bluetooth intercoms within 1 meter of each other.

Pairing steps (take 4 intercoms for example):

1) All **H9x** intercom (1234) on at the same time, every 2 seconds fast flashing blue light twice. (Note: If once connected phones, navigation equipment Bluetooth will enter , blue-light slow flashing. It does not affect the later intercom operation).

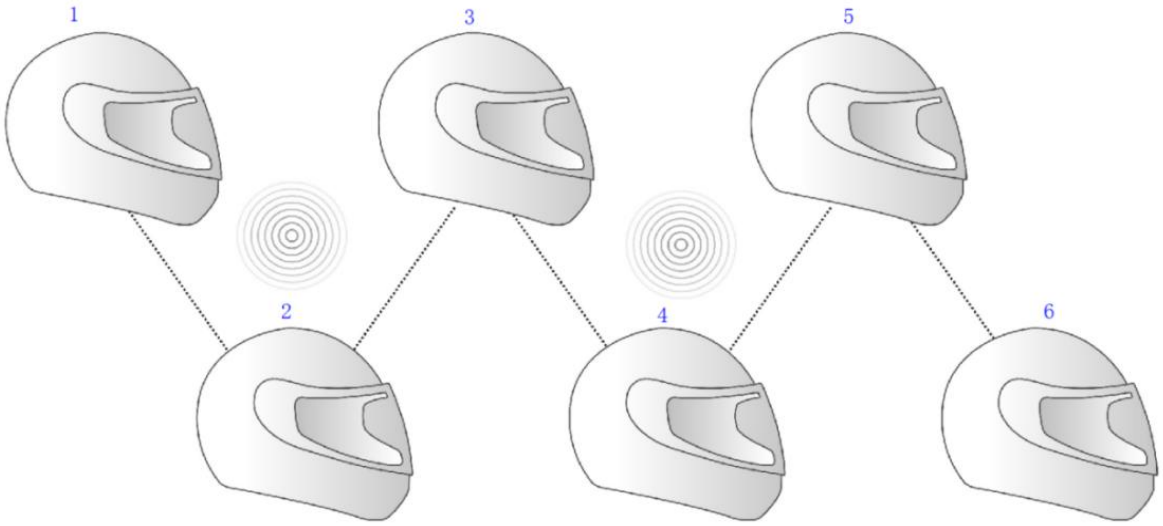
2) While all **H9x** intercoms in standby state and Click 【BT】 to switch to "Bluetooth group intercom mode", all intercoms in the Bluetooth group intercom mode .long press 【BT】4 seconds to enter the green light flashing.

3) Short press one of the intercom **[BT]** (this device is automatically defined as **No. 1**), **No. 1** prompt 'intercom search' into the Bluetooth search mode; when connected to another intercom (automatically becomes **No. 2**), there will be a 'beep' tone, **No. 1** when connected to another intercom (automatically become **No. 2**), there will be a 'beep' tone, the device **No. 1** blue-light slow flashing indicates successful connection; 1 second later **No. 2** green light flashing again, enter the search for the next intercom, when connected to the third intercom (**No. 3**), there will be a 'beep' tone, the device **No. 2** blue light slow flashing the indicates successful connection, 1 second later **No. 3** green light flashing again, enter the search for **No. 4**, when connected to the fourth intercom (**No.4**), there will be a 'beep' tone, the device **No. 3** blue light slow

flashing indicates that the connection is successful, and final **No. 4** green light slow flashing once will resume fast flashing 10S, at this time can be regardless.

4) Press all intercoms **[on/off]** once at the same time and hear "drop" a beep after the group network is completed, and then press once **[on/off]**to hear "drop" to enter the group intercom.

Note: After the group intercom network is completed, short press and hold 【**multi-function**】+【**on/off**】, it will be reported "This equipment is * ".



Pairing Multiple Intercoms Manually

Random pairing exists for one-step pairing, and manual multi-population networking is available if manual sorting is required.

1）to four 4 intercoms pairing, for example, all intercoms turned on, then every 2 seconds fast flashing blue light twice. (Note: once connected to the phone Bluetooth will enter the blue light slow flashing, but it does not affect the later intercom operation).

2）the need to connect the Bluetooth intercom designated sort, all of 4 intercoms click **[BT] key** switch to "Bluetooth group intercom mode", while long press the **No. 1** and **No. 2** **[BT] key** into the green flashing, and then short press **No. 1 [BT] key**, **No. 1** prompts 'intercom search', **No. 1** blue-light slow flashing indicates that the connection is successful, 1 second after **No. 2** green light flashing again.

3）Long press **No. 3 [BT] key** into the green light flashing fast, automatically completes the pairing, the blue light flashes slowly to indicate successful

connection after 1 second after **No. 3** green light flashing fast again.

4）Long press **No. 4 [BT] key** into the green light flashing fast, automatically complete the pairing, the blue light flashes slowly to indicate successful connection after 1 second after the **No. 4** machine green light flashing fast again,To be all green-light slow flashing to complete **No. 3**, **No. 4** connection;

5）4 intercoms are short pressed once **[On/Off]**key to hear "drop" after the group network is ready to complete, and then press once**[On/Off]**key to hear "drop" to enter the group intercom

☆Note:

(a) Once group intercom pairing success, there is no need for repeated pairing, while the power on, all devices at the same time press once **[**on/off**]**key automatically resume group intercom.

（b）After the pairing intercom, short press [power button] to disconnect the intercom function, long press [multi-function button] + [power button] 3 seconds red and blue lights flashing alternately, enter the Bluetooth search can directly pair the phone Bluetooth, complete the phone Bluetooth connection, restore the intercom function needs to press [power button] twice;

(c) After the group intercom network is completed, short press and hold 【**multi-function**】+【**on/off**】, it will be reported "This equipment is * ", The devices support up to 8 people connection, Automatically pairing can connect up to 6 devices, if you need to add 7&8 , you need to manually operate 6 to 7, 7 to 8, the method referred to the manual pairing.

End / Restart Intercoms Mode

Double-click **[on/off]** to hang up the intercom, long press **[on/off]** to shut down.

In the intercom process, environmental factors might inevitably cause disconnection, disconnection within 10 minutes will be automatically connected back, or you can be manually short press **[on/off]** once manually to connect back to the intercom.

Each time the group intercom network, it is recommended that each machine to restore the factory settings before pairing.

Clear method: In the power-on state, press and hold [on/off] for 7 seconds.

☆ Due to the use of different environments, external interference, the recommended number of the intercom is 4 and it is recommended that group intercom use should be within 1000 meters or it might affect the user experience.

Multi-mode intelligent mixing (for two-person intercom use)

1) When in two-person intercom, you can disconnect the intercom by clicking **[on/off]** , and then short press **[multi-function]** key to play music on the phone (already connected to the phone Bluetooth case), or double click **[multi-function]** key to open the FM radio.

When in music mode / FM radio mode, short press **[on/off]** to resume intercom, direct switch to two folks intercom mode.

2) When 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 incoming call, and automatically resume

intercom the end of the call; it takes about 5 seconds to automatically switch back to intercom state from phone call state.

Pairing with third-party helmets Bluetooth headsets

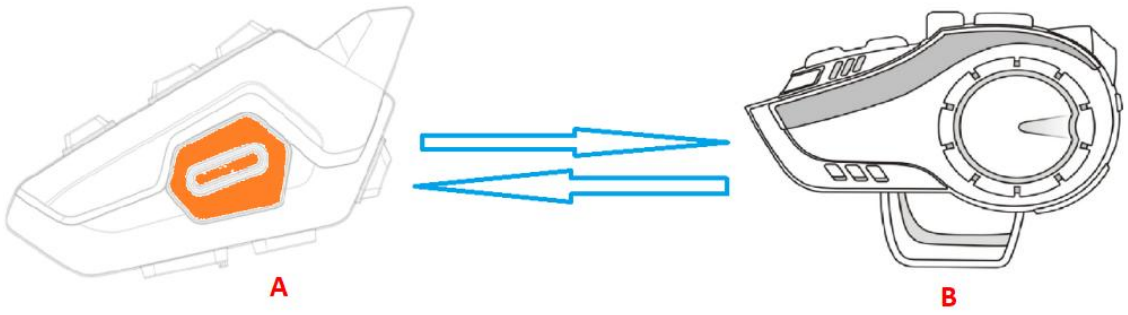
This pairing function only supports the use between two different brand models by placing the two helmet Bluetooth intercoms within a distance of 1 meter from each other.

Matching steps:

a) **Power on:** long press **H9x** Bluetooth intercom 【on/off】for 4 seconds to hear the power on tone, the blue light flashes slowly and Short press **[BT]** to switch to **Bluetooth interconnection.**

b) **Intercom pairing:** becomes red and blue lights alternately flashing, the other headset also entered the pairing mode, red and blue lights alternately flashing, at this time, long press the **H9x [BT]** key 4 seconds green light flashing, and then a short press **[BT]** key prompt 'intercom search', the wait for the connection can be.

c) **Intercom connection:** hear the beep, the red and blue lights of the two machines alternately flashing into blue-light slow flash indicate a successful connection, and then press the 【on/off】H9x, prompting the intercom has been connected, enter the voice intercom.



Music sharing (two Bluetooth intercoms)

sharing opens:

Two **H9x** will be turned on, two **H9x** short press **[BT]** to switch to music sharing mode, such as the designated **A** share **B**, that operation steps are as follows:

1) **A** connect the Bluetooth of the phone;

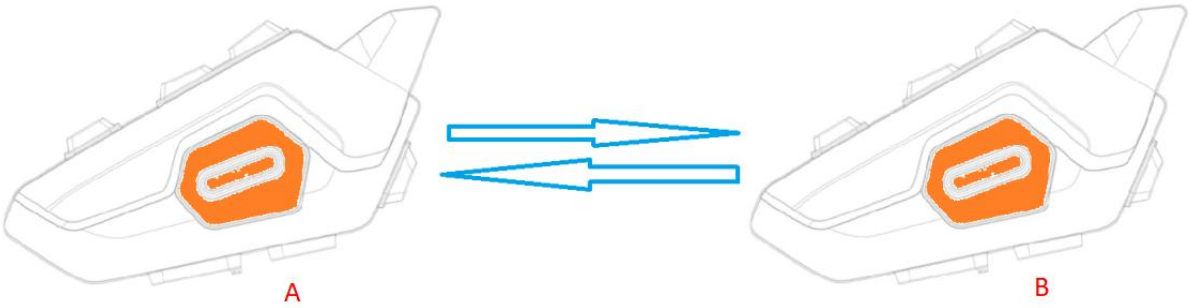
2) long press the **A&B** two **H9x [BT]** 4 seconds green light flashing, then short press **A [BT] ,** prompting 'intercom connection', the wait for the connection can be;

3) After successful pairing, there will be a 'beep' tone, at this time the blue light slow flashing, **A** this time to play music can be shared.

share Close:

During the music sharing process, press and hold 【on/off】 of **A** or **B** at any time, the music sharing will end.

Turning off the intercom will automatically turn off intercom pairing and clear music sharing pairing.



Work the priority order in multiple modes:

Phone > Intercom > Music > FM

Intercom pairing order: pair the intercom first and then pair the phone

Voice Wake up Operation

In standby mode, long press **[multi-function]** key for 2 seconds to enter the voice wakes up function.

You can also make a direct call wake up (need to open the phone settings).

Last Number Redial

in standby mode(non-intercom connection), double-click **[on/off]** to redial the last number in the non- intercom connection

Factory Reset

Press and hold **[on/off]**for 7 seconds to clear the pairing and restore the factory settings after the shutdown is complete and clear the memory.

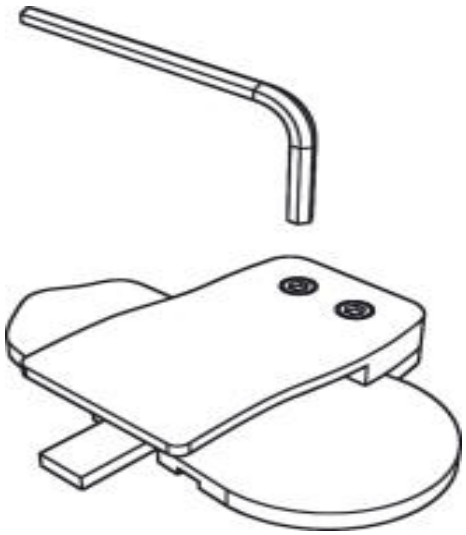
Battery Annoumcement

there will be a voice announcement of battery level at the the power on, and a low battery alert when the battery is low.

Short press the **[On/Off]** +**[Multi-function]** will broadcast the current battery level

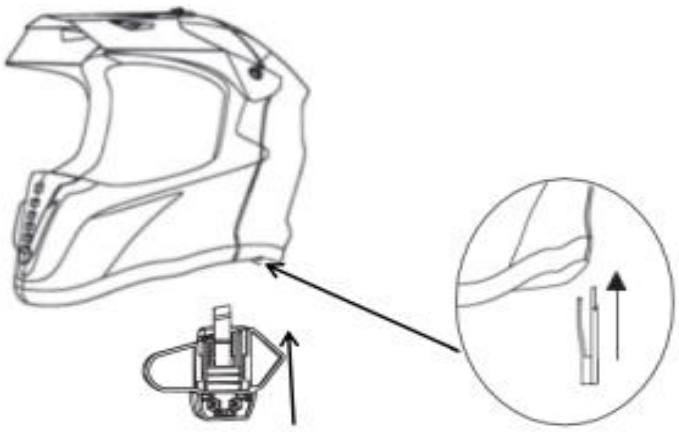
Use a clamp to Install Headset on Helmet

1



use the Allen key to loosen the bracket of the clamp.

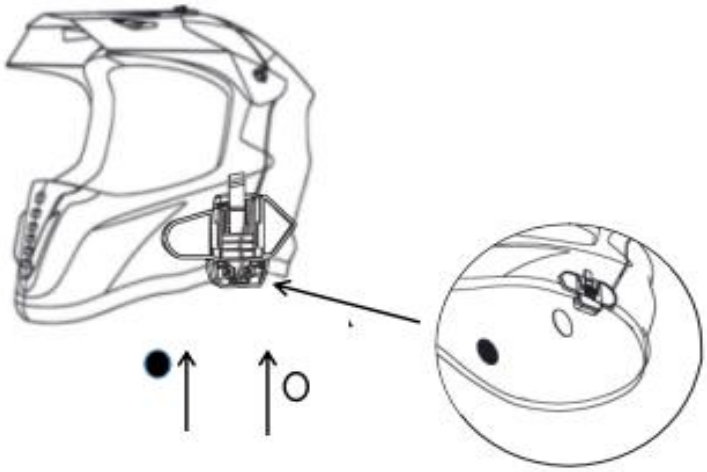
2



take out the liners from your helmet. After that, insert the clip of the clamp to the left side of your helmet.

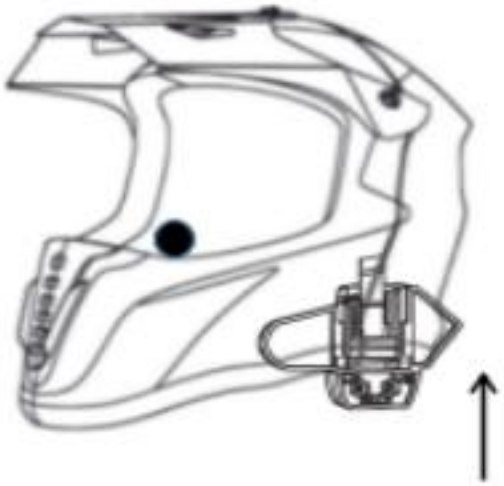
Remember to fasten the screws of the bracket for securing.

3



attach the circle magic sticker to the inner right & left sides of your helmet (it needs to be installed close to the ear position of the helmet to achieve best volume sound effect.)

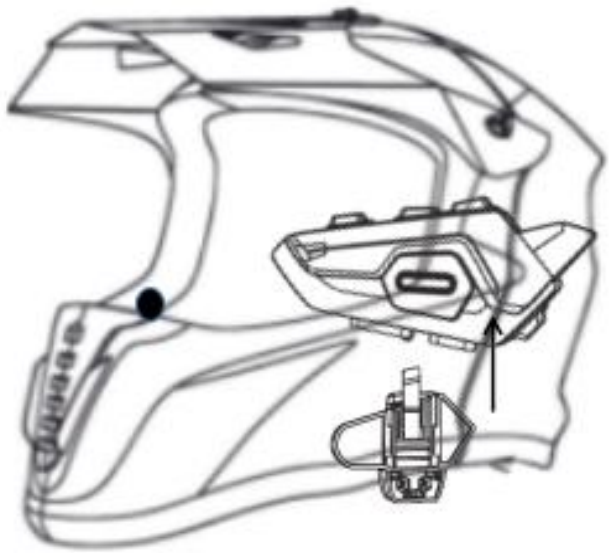
4



similarly, attach butterfly magic sticker on the inner surface of your helmet. The installation location should

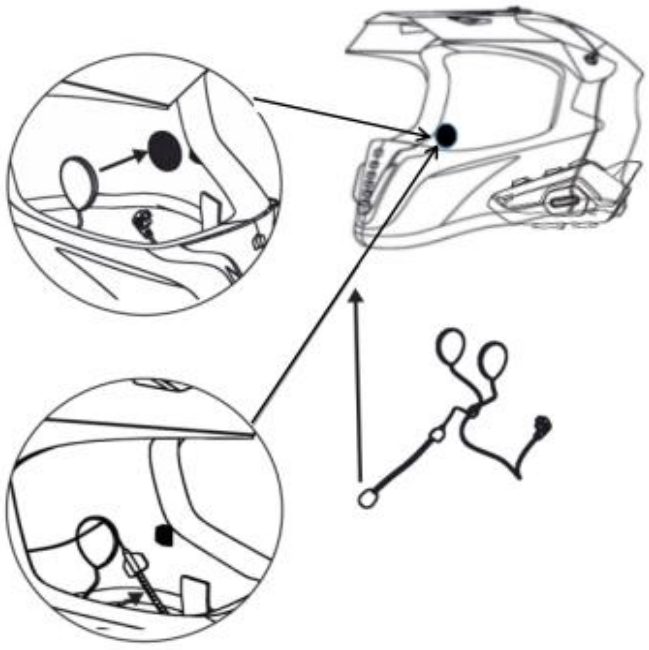
correspond to the location to the butterfly sticker of the Microphone & Ear Speaker.

5



slide the headset on the clamp

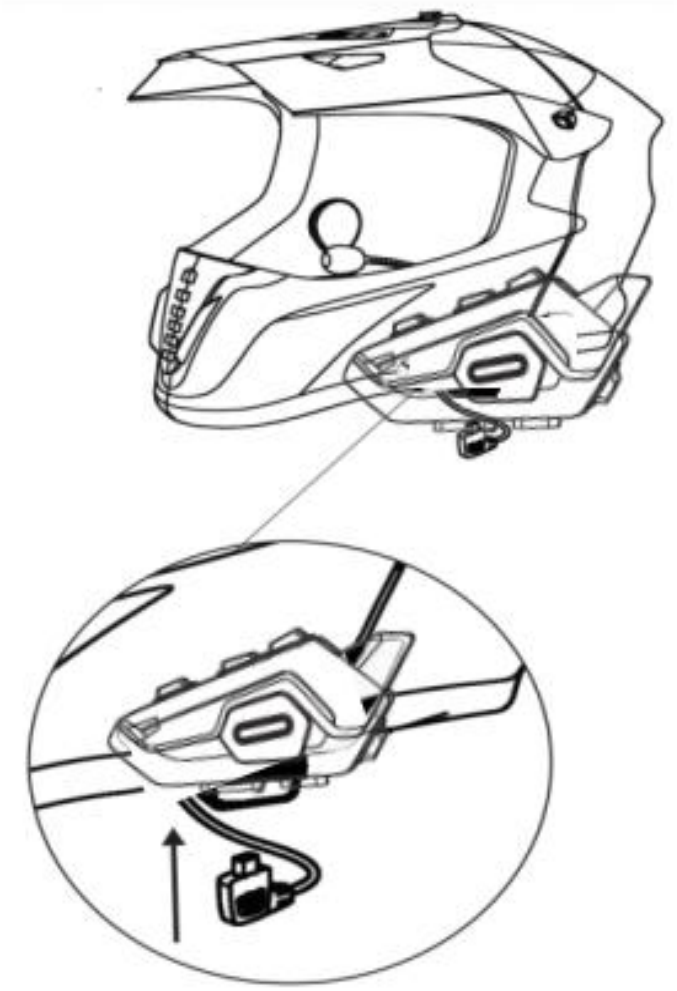
6



Attach the ear phones of the microphone & ear speaker to the circle magic stickers respectively.

Attach the butterfly sticker of the microphone & ear speaker to the butterfly magic sticker.
After that, put the liners back to the helmet

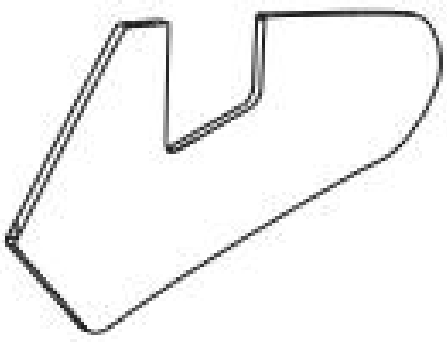
7



Connect the plug of the Microphone & Ear Speaker to the Microphone & Ear Speaker Socket of the headset.

Use Magic Stick Clamp to Install Headset

1



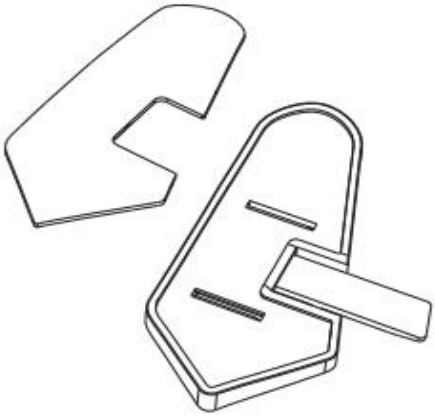
Peel off the Magic Stick (For Magic Stick Clamp) into two parts.

2

Attach corresponding part to the Magic Stick Clamp.

(you need to peel the protection film to expose the glue)

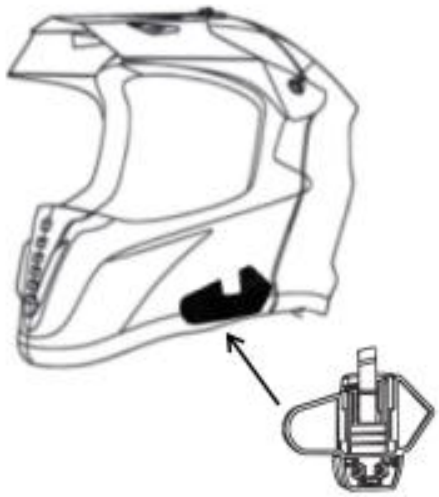
3



attach the other part on the side of your helmet

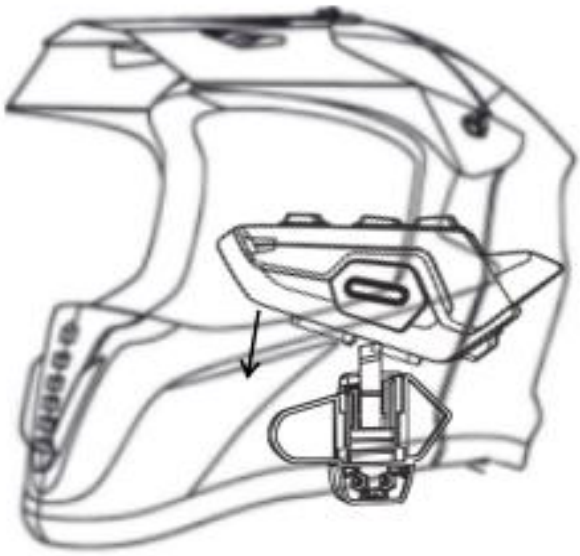
(You need to peel off the protection film to expose the glue)

4



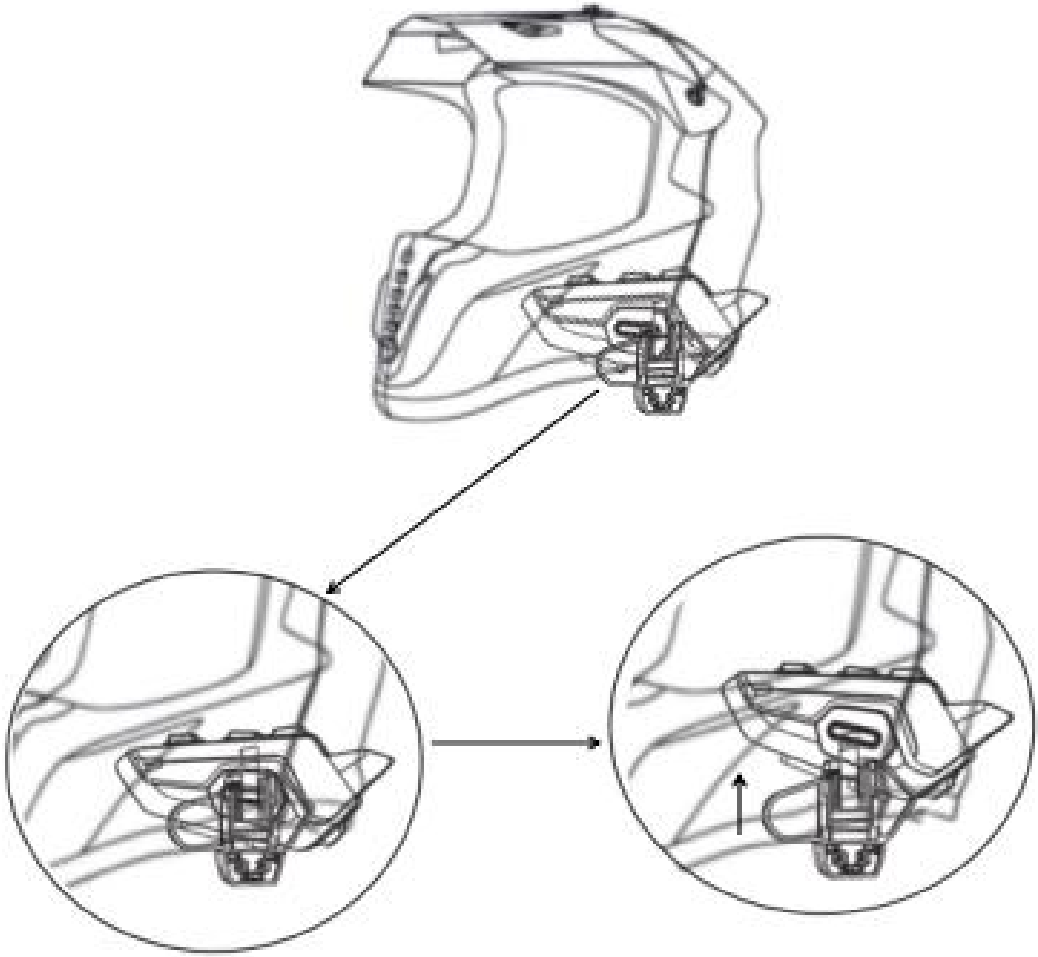
Attach the Magic Stick Clamp on the helmet.

5



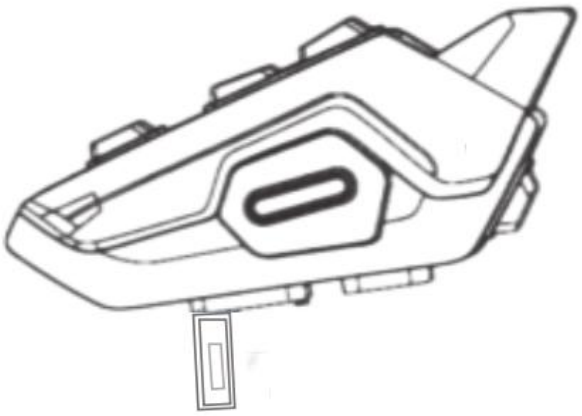
Slide the headset on the Magic Stick Clamp.

Take out the Headset

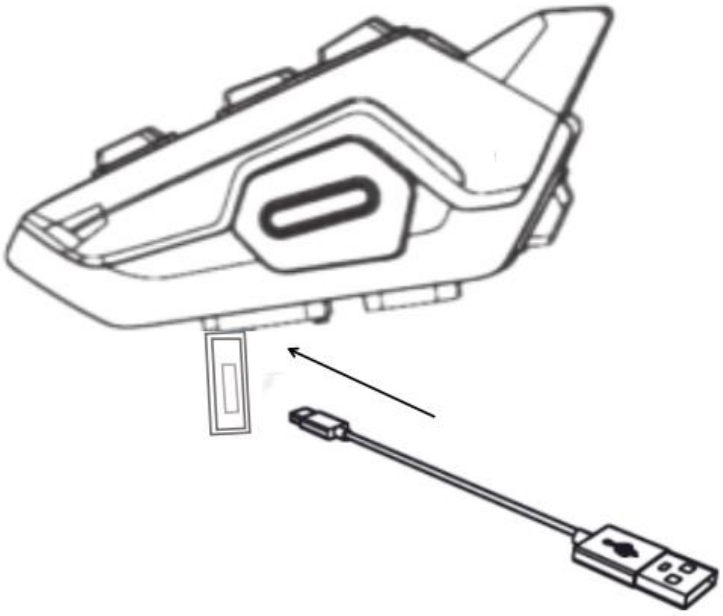


Press the plastic protruding stick of the clamp inwards while pressing the protruding stick of the clamp, take out the headset.

About Charging



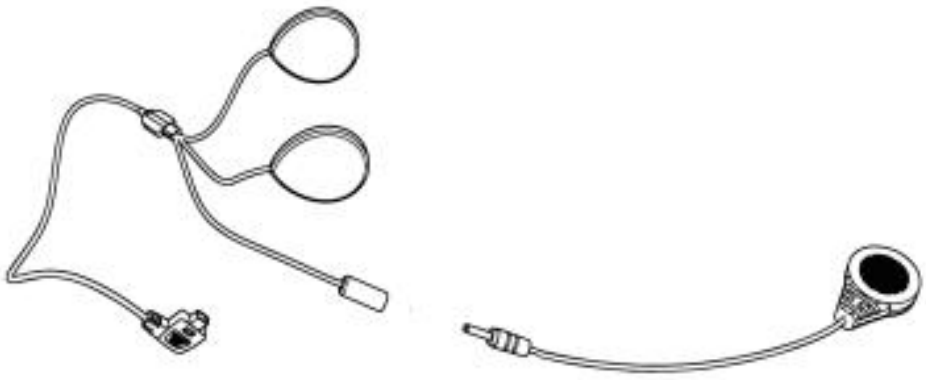
Open the plastic plug to expose the charging socket.



Connect the charging cord to the charging socket.
Connect the other side of the charging cord to a USB DC 5V power supply.

Note:
when charging, the indicator will turn red. When fully charged, the indictor will go out. It will take 2.5 hours to fully charge the unit.

About Changing Mic



change to the spare Mic if needed.

Note

1. If you do not use the headset for up to one month or more, please charge the headset once each two months in order to protect the lithium battery of the headset.
2. Do not store in environment with too high or low temperature, otherwise, the service life of the product will be affected.
3. Do not expose this product to open fire, avoid explosion.

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.

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