

Bluetooth Headset User Guide



HCB86

Index

1. Notice before using
2. Package List
3. Product Introduction
4. Charging the Headset
5. Power On/ Off
6. Pairing the Headset (or any Bluetooth Device)
7. Pair with 2 Bluetooth phones
8. Operating method: While answering the call from 1st phone, there comes another call from 2nd phone
9. Wearing the Headset
10. Answering calls
11. Refusing calls
12. Ending calls
13. Voice Dialing
14. Redialing
15. Transferring calls
16. Maintaining calls
17. Ending Call 1 and answering Call 2
18. Adjusting the Volume
19. Safety Instruction
20. Specifications
21. Excluding Problems
22. Storage of the Headset
23. Q & A
24. Declaration of Conformity

1. Notice before using

Thank you for purchasing our Bluetooth Headset HCB86. First of all, please check to find everything in your package and carefully study the user guide to know the function details. HCB86 is developed by the innovative Bluetooth wireless technology, enabled to connect the Bluetooth mobile phone designed with Audio Gateway (HCB18/ HCB21), PDA, desktop and notebook with the USB Bluetooth Dongle plugged-in, etc. Before using it, please confirm your mobile phone complies with Bluetooth V1.1/ V1.2/ V2.0/ V2.1 and supports the Bluetooth Headset or Handsfree Profile.

2. Package List

Please inspect the product you purchased. Refer to the below package list to make sure there is no shortage or defect inside.

The complete package includes the following items:

- ▶ HCB86 Bluetooth Headset 1
- ▶ User Guide..... 1
- ▶ Warranty Card 1
- ▶ Travel Charger (INPUT: AC100-240V, 50/ 60Hz, OUTPUT: DC5.1V, 120mA) 1
- ▶ Hanging Strap..... 1
- ▶ Rubber 2

If you find any shortage, please contact the retailer shop where you purchased this product.

3. Product Introduction

Function (Answering/ Ending/ On/ Off) Button 3

LED (Indicator) Light

Receiver (Speaker)

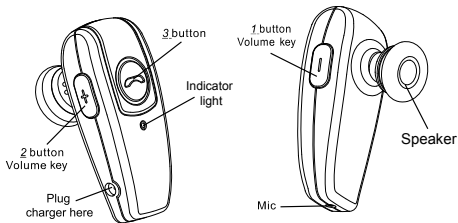
Microphone

Power Interface adapter (charging)

Ear Hook

Decrease Volume key (-) 1

Increase Volume key (+) 2



Note:

- For first time use, make sure to fully recharge the Headset battery.

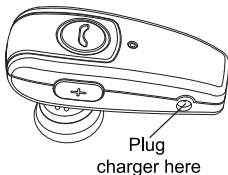
4. Charging the Headset

HCB86 comes with a Lithium Polymer battery built-in.

1. Plug the travel charger into the power socket.
2. Plug the end of the travel charger into the power interface adapter of the Headset.
3. While charging, the indicator will turn red; when charging is completed, the red indicator will shut off or flashes red.

Note: Charging time is around 90~120 minutes.

- For first time use, make sure to fully recharge the Headset up to 4 hours. After a long time of not using it (around one month), while recharging, it takes a while for the indicator to turn red.
- While charging, please do not use the Headset.
- Please use the original charger to recharge the Headset.
- When the indicator flashes the red light, it means the battery is low, please recharge the Headset right away.
- Please recharge the Headset within the temperature range of -10°C ($+14^{\circ}\text{F}$) $+45^{\circ}\text{C}$ ($+113^{\circ}\text{F}$).



5. Power On/ Off

1. Press and hold the function button for 2~3 seconds, the power

will turn on after the indicator flashes the blue light 3 times.

2. To turn the power off, press and hold the function button for 2~3 seconds until you see the red indicator flash 3 times.

Note:

- While turning the Headset on, you will hear the “Du Du” sound from the receiver. The blue indicator light will flash 5 times, then 2 times, and after repeating this for 5 times, the indicator will flash the blue light every 3 seconds to come into a standby mode.
- While the Headset is turned on, it will automatically search for the paired device. Under “ON” mode and within the effective range of 10 meters from the Headset, the indicator will flash the blue light to indicate that it entered the connecting mode.
- When turning the headset off, you will hear one “Bi” sound followed by two “Du” sounds, then the indicator will shut off after flashing the red light for a few times.

6. Pairing the Headset (or any Bluetooth Device)

You must pair the Headset with your Bluetooth phone or any Bluetooth device before you use the Headset for the first time.

1. Ensure the Headset is off.
2. Press and hold the function button for 5 seconds until the blue indicator light flashes with the red indicator light to enter the pairing mode.
3. Ensure your mobile phone has the Bluetooth function and

start the Bluetooth new device searching function. Please follow the instructions of your mobile phone to proceed the operation.

4. When your mobile phone is in the stage of searching a new Bluetooth device, it will find HCB86.
5. Please choose and confirm HCB86.
6. Key in the Headset Password “0000” and press YES. If the pairing is successful, the indicator turns to flash the blue light only. For some mobile phones, after pairing you may have to select and confirm HCB86 again to start the connection. (Please read your mobile phone manual carefully to take the right steps.)
7. The Headset is in the standby mode, you can start to receive and make call.

Note:

- If the pairing is not successful, the Headset will return to the standby mode, please repeat the pairing process to try the pairing again.
- While pairing, it is better to keep the distance between the mobile phone and Headset around 10 cm to 1m and make sure no metal objects are between.
- While pairing the Headset with other Bluetooth device, when the device asks for the Password, please key-in “0000”. For more details, please check the manual of your Bluetooth device to proceed the operation.

- Even though the following situations happen, the paired devices remain pairing.
 - The power for one of the devices is off.
 - The service for one of the devices is off.
 - One of the devices is re-switched on.

7. Pair with 2 Bluetooth phones

After achievement of pairing 1st Bluetooth phone, please repeat the pairing process, No.6 “Pairing the Headset”, to pair with 2nd Bluetooth phone

8. Operating method: While answering the call from 1st phone, there comes another call from 2nd phone

1. While answering the call from 1st phone, there comes another call from 2nd phone, you have to end the call from 1st phone first and wait for 3~4 sec. to hear the ringing from headset receiver then press function button to answer the call from 2nd phone (exception: there are some Bluetooth phones, the ringing only from mobile phone itself, you can't hear the ringing from headset). If you use 2 different brand mobile phones that pair with the same Bluetooth headset, you possibly have to press answering button on 2nd phone to instead of pressing function button on headset for answering the call from 2nd phone while you are on the line of 1st phone.
2. During stand by time, the call from any of both mobile phones will be connected to Bluetooth headset automatically.

Note: Only one call can be answered by Bluetooth headset at a time.

Remark :Bluetooth headset doesn't with holding call function while you answer the other call.

9. Pair Wearing the Headset

1. According to your preference, adjust the headset on your left or right ear.

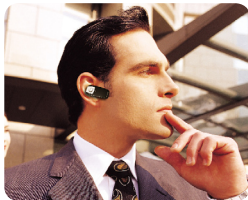
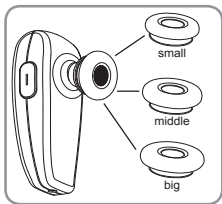


left ear



Right ear

2. You can choose for your fit size



10. Answering the calls

1. While there is a call coming, wait until you hear the ringing from your Headset receiver to press the function button to answer the call.
2. If the mobile phone is ringing first, wait until the Headset is ringing, then press the function button.
3. While answering the calls, the blue indicator light flashes 4 times each second.
4. If the mobile phone is ringing and your Headset is off, turn on your Headset first, then press the function button to answer the call.
5. If your mobile phone has the function of automatically receiving calls and you already set it up, while the call is coming, your Headset can receive the call automatically without pressing the function button.

Note:

- The headset is with the function of passing the same ringing sound as the mobile phone if the mobile phone is with this function, such as Nokia.

11. Refusing calls

Wait to hear the ringing from your receiver, then press and hold the function button for 2~3 seconds until you hear the “Du” sound to refuse the calls.

12. Ending calls

1. When the conversation is over, press the function button to end calls.
2. Wait until the other end hangs up the phone to end calls.

13. Voice dialing

1. If your mobile phone supports the voice dialing function, you can use this function with your Headset too.
2. Under the standby or connecting mode, press the function button of the Headset and follow the mobile phone instructions to proceed with the voice dialing.

Note:

- The activation of the voice dialing function will depend on the design of your mobile phone.
- The working range of the Bluetooth Headset is 5 meters indoors and 5~10 meters outdoors.

14. Redialing

1. If your mobile phone supports the redialing function, you can use this function with your Headset too.
2. Under the standby or connecting mode, press the function button of the Headset for 2~3 seconds until you hear the “Du” sound to redial the last call.

15. Transferring calls

1. When you are answering the call with the Headset, press the increase (+) volume key for 2~3 seconds until you hear one “Du” sound, then the call will be transferred to your mobile phone.
2. When you are answering the call with the mobile phone, press the function button of the mobile phone to transfer the call to your Headset. For some mobile phones, the phone LCD will show the transferring sign, some will not.

Note:

- To activate this function, your mobile phone must support the Handsfree mode. For more details, please check the manual of your mobile phone.

16. Maintaining calls

1. When you are answering the call with the Headset, press the decrease (-) volume key for 2~3 seconds until you hear one “Du” sound, then the call will be maintained. If there is an interrupting call coming, the Headset will answer it automatically.
2. Press the decrease (-) volume key for 2~3 seconds until you hear one “Du” sound to end the maintaining call function. Also do this to renew the call.

Note:

- To activate this function, please make sure the assigned telecommunications agent provides this service.
- To activate this function, please refer to the instructions of your mobile phones manual to make sure your phone program supports this function.

17. Holding Call 1 and answering Call 2

While you are answering Call 1 from your Headset, and having the interrupting call, you will hear the notifying “Du Du” sound. Press and hold the decrease (-) volume button for 2~3 seconds until you hear one “Du” sound followed by the music, Call 1 will be Hold and the interrupting call (Call 2) will be answered automatically.

Note:

- To activate this function, please make sure the assigned telecommunications agent provides this service.
- To activate this function, please refer to the instructions of your mobile phones manual to make sure your phone program supports this function.

18. Adjusting the Volume

During a call, you may adjust the Headset’s volume.

1. To increase the volume, press the increase (+) volume key.
2. To decrease the volume, press the decrease (-) volume key.

Note:

- You will hear the “Du Du” sound while adjusting the volume up to the loudest or lowest.

19. Safety instruction

1. Read the Headset manual carefully and use the headset correctly by following the instructions.
2. Keep the Headset away from children, avoid children from swallowing it accidentally.
3. Do not use the cleaning liquid or spray to clean the Headset.
4. Do not clean the Headset while charging it.
5. Do not disassemble the Headset. If you encounter a problem, contact the retailer shop.

● Urgent handling

-If you encounter a problem, turn the Headset off first.

-If the inside components breakdown, please contact the repairing center to ask for immediate support and service.

20. Specification

Product Model No.	HCB86
Standard Convention/ Signal Output	Bluetooth V2.1 + EDR, Class II
Frequency Band	2.4GHz ~ 2.4835GHz, ISM Band
Talk/ Standby Time	Up to 5 hours / Up to 150 hours

Supporting Profile	Headset & Handsfree
Connection	Peer to Peer
Data Encryption	128 bits encrypted
Power Capacity	Rechargeable Li-Polymer
Power Supply	5V DC, 100~240V AC adapter
Operation Temperature	-10 ~ 55 °C
Facility Saving Temperature	-20 ~ 60 °C
Operation Moisture	10% ~ 90% (non-concrete status)
Weight	9.0 g (battery included)
Size	45.3x20.5x12.2 mm
Safety Regulation	CE, FCC, BQB

21. Excluding Problems

1. The Headset flashes the red indicator light: The battery is low, please recharge your Headset.
2. If after recharging for 20 minutes, the Headset does not turn on: For initial use, the power will be on after charging the Headset at least for 40 minutes. It is suggested to fully recharge the Headset if you use it for the first time.
3. Does not show the recharging sign: When the battery is completely exhausted or the Headset has not been used for a long time, when charging, the red indicator light will be lit after a

few minutes.

4. You hear no sound coming from the Headset:

- Make sure the Headset has been paired with the other Bluetooth device.
- Make sure the Headset is on.
- Make sure the distance between the Headset and the paired Bluetooth device is within 10 meters.
- Make sure your mobile phone has a good signal.
- Some Bluetooth mobile phones support only one Headset, if you pair it with more than one Headset, it may cause the other Headsets being cut off.

22. Storage of the Headset

- Using the non-original accessories, it may debase the product's function, cause the product damage, electrical conflict and the termination of the warranty.
- Do not disassemble the Headset, it may damage the Headset accidentally or cause the warranty invalidation.
- Put the Headset away from places full of dust.
- Use clean and soft fabric to clean the Headset's surface.
- Put the Headset into your pocket while not using it.
- Be aware not to let Children play with the Headset, avoiding accidents from happening or damaging the product.
- Avoid storing the Headset in high or extra low temperature.
[Travel charger]
- The travel charger is designed for indoor use, please do not

use it outdoors.

- Connect the travel charger with the correct power supply.
- Avoid pulling the cable to take the travel charger off the socket, it may damage the travel charger.

[Battery]

- New battery: for first time use, please fully recharge the battery for 4 hours.
- Only authorized and qualified personnel can do battery changing.
- Under the normal usage, the rechargeable battery can be used for the long time.
- The battery must be recharged within temperatures of -10 °C to 45°C.
- Using the Headset under room temperature enables the battery to achieve its maximum capacity.
- Under a chilly environment, it may cause the battery's capacity to decrease.
- Recharge the Headset at least once every two months, either you use it or not.

23. Q & A

Q : Why does the fully-charged Headset under the “On” mode not work with the Bluetooth mobile phone?

A : You must activate the Bluetooth function of your mobile phone and finish the pairing between your mobile phone and Headset.

Q : Can HCB86 work with any of the mobile phones?

A : No, this Headset works only with Bluetooth mobile phones.

Q : How far is the working distance between the Headset and the mobile phone?

A : Since HCB86 is certificated by BQB, compliable with Bluetooth V2.1 + EDR, Class II, the longest working distance is 10 meters. But, this working distance may be shortened by the interference existed in the surroundings and due to the insufficient Bluetooth function of the mobile phone.

Q : Why does my Bluetooth mobile phone find many Bluetooth devices while searching for the new Bluetooth device?

A : Most of the mobile phones are allowed to find more than one Bluetooth device within the working range. When the searching is finished, your mobile phone's LCD will show HCB86 or some Unknown Devices. Please select and confirm HCB86.

Q : Why my mobile phone could not find the Headset?

A : Only while your Headset is under the pairing mode, your mobile phone can find the Headset. Please follow the instructions of your Headset manual to proceed the pairing process.

Q : Shall we pair the Headset every time while using it?

A : No. The paired devices remain paired regardless of turning the power off, reopening the devices or changing the battery.

Q : Why is the voice from the Headset not clear?

A : It may be the following two reasons:

- (1) Your location has a bad signal, please move to a location with a better signal.
- (2) The working range between the Headset and the mobile phone has been exceeded. Please make sure the Headset and mobile phone are within the working range of 10 meters and there is no obvious interference between.

Q : What can I do if the voice from the Headset is not clear?

A : Make sure your mobile phone is in a location with a better signal and increase the volume of the mobile phone or the Headset.

Q : Why is the Headset suddenly not working?

- A : (1) The Headset might be out of power. When the battery is low, the Headset flashes the red indicator light, please recharge it soon.
- (2) The Bluetooth function of your mobile phone gets crashes. It happens occasionally, please turn the Bluetooth function of the mobile phone off, and renew it or turn off your Bluetooth mobile phone and turn it on again.

Q : Why could the voice dialing function of the Headset not be switched on?

A : (1) Please re-record the voice tag.

(2) Some mobile phones do not support the voice dialing function. Please refer to the manual of your mobile phone.

24. Declaration of Conformity

FCC (FCC ID: RL9-HCB86):

HCB86 is FCC certificated as this device complies with part 15 of the FCC rules. It is built with new housing, extended from HCB86.

European CE:

HCB86 has been manufactured in accordance with the European R& TTE directive. It complies with the European Low Voltage Directive 73/23/EEC and the European EMC Directive 89/336/EEC.

BQB Qualification:

HCB86 Bluetooth Headset, a BQB Qualified Bluetooth product is listed as qualified End Product in accordance to section 6.2.4 of the PRD.

Federal Communications Commission (FCC) Statement

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void

the user's authority to operate the equipment.

15.105(b)

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.

Operation is subject to the following two conditions:

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interfer-

ence that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

