Bluetooth Mono Headset HCM-100
User manual

Bluetooth®

Clipcomm, Inc.
http://www.clipcomm.co.kr

All rights reserved

For the best performance and prevention of any damage to, or misuse of the HCM-100, please read the entire information prior to using the HCM-100.
Any modifications or changes to this manual due to typographical errors or inaccuracies of stated information shall only be made by Clipcomm Inc.

Table of Content

Introduction

The Clipcomm Bluetooth headset HCM-100 is a light weight wireless headset utilizing Bluetooth technology.

This product can be used as an audio accessory for devices supporting either the Bluetooth Headset or Handsfree Profiles.

[Included in package]

Make sure if below items are fully included in the package prior to use and contact the seller if any item is excluded.

Bluetooth Headset

User manual

Charger

Part description

Ear loop

Charging port

Volume Controls

Status LED

Multifunction Button
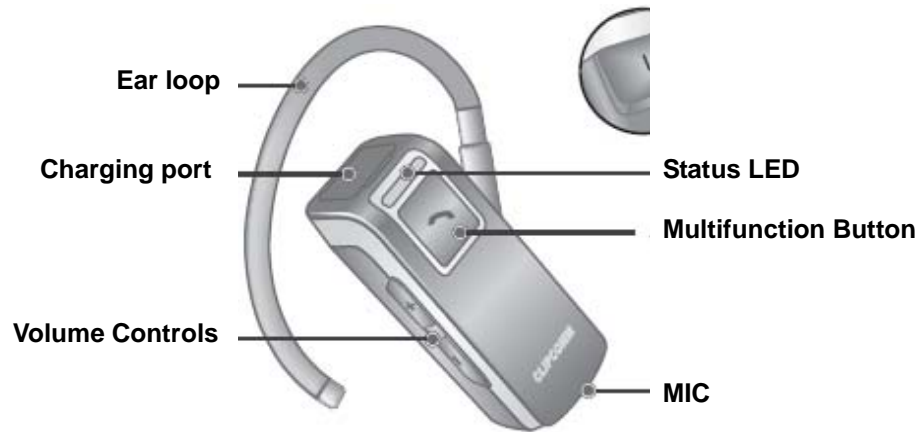
MIC

Using the headset

[Wearing a headset]
You can wear the headset with the adjustable ear loop that can be worn on the left or right ear as below.

Left   Right

[Charging]
- Remove the cover on the charging port as below and connect the charger.

- When the charger is connected properly, the LED indicator will show a solid red light. (With power on, the headset will turn off while connected to the charger.)
- The button stops working while the device is charging.
- 2 hours of charging time is estimated to charge the headset fully.
- When charging is completed, the LED indicator will turn off.

!note: Do not use other chargers except the approved charger. Using other brand charger will cause a malfunction or damage of the device.

[Low battery]
If the headset's rechargeable battery is less than 5% out of full charging, the red light on The LED indicator will flash and a short tone will sound.
- Battery charging is needed in above case.
- When the battery is not charged, the LED indicator will flash red and then turn off.

[Turning on]
- To turn the headset on, press and hold the multifunction button for 2 seconds.
- Short and high-pitched tones will sound, and then the blue light on LED will flash fast 5 times.

[Turning off]
- To turn the headset off, press and hold the multifunction button for 5 seconds.
- Short and low-pitched tone will sound, and then the blue light will flash 5 times. When it stops flashing, the headset turns off.

Paring

Paring is the process of associating Bluetooth devices with each other. When two devices are paired, they establish a permanent, secure link with each other, enabling quick access to services provided without having to enter passwords every time either device is activated.

Paired devices remain paired even when one of the devices is not powered up, the service connection is stopped or interrupted, or one or both of the devices are rebooted.

[Initial Paring]
When you connect the HCM-100 with Bluetooth-enabled mobile phone, you need to go through the paring process. Follow the below instruction for paring.
- With the HCM-100 off, press and hold the multifunction button for 5 seconds.
- Two short and high-pitched tones will sound with the LED indicator flickering in red and blue alternately when the device enters into the pairing mode.
- Find the Bluetooth Menu from the Bluetooth-enabled mobile phone and "search for" or "add" a new device.
- Select the "Clipcomm HCM-100" from the list of devices.
- Enter "0000" (4 zeros, the default PIN of the headset) on the mobile phone when it requests a password.

- When paring is successful, short and high-pitched tone will sound and the blue light on LED will flash 5 times.
- To connect the headset to another type of device (a PDA, for example), the device must support Headset or Handsfree Profiles. Refer to the user manual of the other device to set up the headset and follow above instruction again.
- If the HCM-100 is in "Pairing Mode" over 3 minutes without being paired to any device, the headset will turn off automatically.

［Auto connection］
- Power off in connection with a mobile phone
  When the HCM-100 is turned off when it is already connected to a mobile phone, the headset and mobile phone will be disconnected. The Headset and mobile phone will be automatically reconnected when the HCM-100 is back to power on without pairing process. (The mobile phone connected to the headset recently should be in range of 10m)

- Out of cover range from a headset
  When the HCM-100 and your mobile phone are placed with distance of over 10m, the headset and mobile phone will be disconnected. They will be automatically reconnected when both devices are brought back in a required range (10m) within 3minutes after disconnection. If time has been passed over 3 minutes after disconnection, maximum 10 minutes will be required for auto-reconnection. If you want to connect it manually, briefly press the multifunction button once.

[Volume control]
Briefly press the VOLUME UP [▲] or VOLUME DOWN button [▼] to adjust the speaker volume. Eight levels of volume control is available.

Handling Calls

[Answering calls]
The Headset and mobile phone will ring when there is an incoming call. You can answer a call by pressing the multifunction button briefly. (Receiving a call through a mobile phone is also available)

[Making calls]
A call from the mobile phone will be transferred to the headset automatically subject to the function set up of the mobile phone. If it is not automatically transferred, you can transfer it manually by brief pressing the multifunction button on the HCM-100 (headset and mobile phone must be paired prior to this process).

[Voice dialing*]
-If your mobile phone supports the voice dialing function, the headset will activate this function by brief pressing the multifunction button once. A short tone will sound when you briefly press the multifunction button and say the registered name on the voice dialing list.
* Note: If the mobile phone does not support the voice dialing function, it will try the last number you dialed. Due to the design of some mobile phones, the Headset may auto-disconnect even if it is powered on, and will not beep when receiving an incoming call.

[Last number redial*]
Press and hold the multifunction button for 1 second to hear the "beep" and "Last Number Redial" function will be activated to call the last number dialed.

[Ending calls]

Briefly press the multifunction button.

Additional function during a call
[Transferring calls*]
Briefly press the multifunction button to transfer a call from a mobile phone to a headset while talking over the phone, (The headset and mobile phone must be paired prior to this process).
To transfer a call from a headset to a mobile phone, press and hold VOLUME UP button [▲] for 5 seconds.

[Call waiting*]
Answer the second call without hanging up the first call by pressing the multifunction button for 1 second. Press the multifunction button for 1 second again to return to the original call.

[Call rejecting*]
Activate the call reject function by pressing the multifunction button for 1 second to reject an incoming call.

[Call mute]
Activate the call mute function by pressing volume down button [▼] for 5 seconds and you will hear a beep will sound and it will cut off the transmission ring from the headset to the receiver. When the call mute function is activated, the headset user will hear a signal sound periodically. The headset user can cancel the call mute function by pressing the volume down button [▼] for 5 seconds again.

Note: The functions with *(star) mark are available when the compatible mobile phone supports these functions only. For additional information upon those functions, refer the user manual of the compatible mobile phone.

Summary of the button functions

Function	Status of HCM-100	Action
Power on	Power off	Press the multifunction button for at least 2 seconds
Power off	Power on	Press the multifunction button for at least 5 seconds
Volume up [▲]	Talking	Briefly press the Volume up button [▲]
Volume down [▼]	Talking	Briefly press the Volume down button [▼]
Transferring a call	Talking	- From a mobile phone to a headset: Briefly press the multifunction button once - From a headset to a mobile phone: Press and hold the VOLUME UP button [▲] for 5 seconds.
Answering a call	Ringing	Briefly press the multifunction button .
Ending a call	Talking	Briefly press the multifunction button .
Call waiting	Talking	Press the multifunction button for 1 second.
Last number redialing	Idle	Press the multifunction button for 1 second.
Voice dialing	Idle	Briefly press the multifunction button .
Call rejecting	Ringing	Press the multifunction button for 1 second
Paring	Power off	Press the multifunction button for 5 seconds

LED indication

Function	Beep	Status of LED
Power on	The HCM-100 beeps once	The blue LED light flickers 5 times quickly.
Power off	The HCM-100 beeps once	The blue LED light flickers 5 times quickly
Paring	The HCM-100 beeps twice	The red and blue LED light flicker in turn continuously.
The headset and mobile phone is connected and the user is talking on the headset	The HCM-100 beeps once	The blue LED light flickers twice every 5 seconds.
Unintentional link loss (Until the lost link is recovered)	The HCM-100 beeps once	The purple (blue and red) LED light flickers once in every 5 seconds.
Charging	No beep	The red LED is lit
Charging completed	No beep	The red LED is turned off.

Troubleshooting

This chapter details problems that may occur when using the headset and possible solutions. If you find the same symptom after trial of the counter plans, inquire to the seller.

Malfunction	Checking point	Counter plan
Can not turn on the HCM-100	Make sure the battery of HCM-100 is fully charged	Charge the battery
Unable to communicate with the HCM-100	Make sure the mobile phone supports the Headset or Handsfree Profiles.	The mobile phone should support Headset or Handsfree Profiles to use the HCM-100.
	Make sure the battery of HCM-100 is fully charged	Charge the battery if it is low.
Unable to pair the HCM-100 with the Bluetooth device.	Make sure the HCM-100 is on.	Press the multifunction for 2 seconds to turn on the headset.
	Make sure the HCM-100 is in paring mode.	With power off, press and hold the multifunction button for at least 5 seconds for the HCM-100 to be in paring mode.
Too low or loud speaker sound	Check the speaker volume.	Press the VOLUME UP button [▲] and the VOLUME DOWN button [▼] for volume control.

Precautions
Do not drop the unit from high places
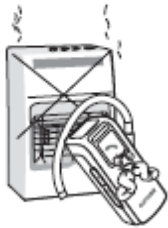
Do not modify, repair, or take apart

Do not expose directly to water, alcohol, benzene, etc for cleaning
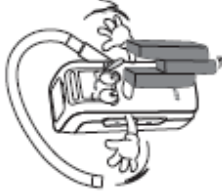
Do not expose directly to flammables

Do not place or keep the unit near flammables

Keep unit away from humidity & dust

Do not place the heavy object on the units

Caution

- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- There is a risk of explosion if the battery is replaced with incorrect type.
- The ear loop is made of a durable plastic that does not break but bend. However, repetition of bending is not recommended.

Additional Information
- The cover range of wireless communication is within maximum 10m and the conditions vary according to obstacles.
- HCM-100 can be connected to the mobile phone which supports the Headset or Handsfree Profiles only. This product is not compatible with the general wireless phones used at home.
- The user should keep a safe distance from the devices which use the same frequency with HCM-100. HCM-100 uses ISM (2.402 ~ 2.480Ghz) frequency and it can be affected by the devices which use the same frequency such as wireless LAN, Microwave, Medical appliances.
- Turn off your headset in an area with potentially explosive atmosphere. It is rare, but your headset could generate sparks. Spark in such areas could cause an explosion or fire resulting in bodily injury. Therefore, follow the warning notice in areas with a potentially explosive atmosphere.
- A Rechargeable battery has a longer service life if treated properly. A new battery or one that has not been used for a long period of time could have reduced capacity the first few times it is used.
- Do not expose the battery in extreme temperatures, never above +60(+140 f) or under -20 (-4 f) . If the battery is used in extreme temperature, the battery capacity will be reduced. Charge the battery in temperature between 10 and 45C only.

Standard and Specification

Title	Wireless Data communication device for system(HCM-100)
Bluetooth Spec	2.0 SIG
Supported profiles	Headset or Handsfree Profiles.
Frequency	2.402~2.480Ghz(ISM band)
Transmitting output	Class 2
Cover range	Within 10m/33ft
Standby time	Up to 170 hours
Talking time	Up to 5 hours
Charging time	Approximately 2 hours
Durable temperature	-20 C ~ 60C
Adapter rated voltage	AC 100 ~ 220V, 50~ 60HZ
Size and weight	41 × 18.8 × 16.5 mm/11g

*The standard time to use the headset can be vary depends on the usage condition of the mobile phone.

Warranty

- Subject to the conditions of this Limited Warranty, Clipcomm warrants this product to be free from defects in design, material and workmanship at the time of its original purchase by a consumer, and for a subsequent period of one (1) year.
- Should your product need warranty service, please return it to the dealer from whom it was purchased.

[Free service]
- The warranty is valid only if the original receipt issued to the original purchaser by the dealer, specifying the date of purchase and serial number, is presented with the product to be repaired or replaced.

[Cost Charge service]
- Clipcomm Inc. reserves the right to refuse warranty service if this information has been removed or changed after the original purchase If Clipcomm Inc. repairs or replaces the product, the repaired or replaced product shall be warranted for the remaining time of the original warranty period.
- Repair or replacement may involve the use of functionally equivalent reconditioned units. Replaced parts or components will become the property of Clipcomm Inc.
- This warranty does not cover any failure of the product due to normal wear and tear, or due to misuse, including but not limited to use in other than the normal and customary manner, in accordance with instructions for use and maintenance of the product.
- Nor does this warranty cover any failure of the product due to accident, modification or adjustment, acts of God or damage resulting from liquid.
- This warranty does not cover product failures due to improper repair installations, modifications or service performed by a non- Clipcomm Inc. authorized person.
- Some countries/states do not allow the exclusion or limitation of incidental or consequential damages, or limitation of the duration of implied warranties, so the preceding limitations or exclusions may not apply to you. The warranty provided does not affect the consumer's statutory rights under applicable national legislation in force, nor the consumer's rights against the dealer arising from their sales/purchase contract.

Regulatory Information

FCC compliance Information

This device complies with part 15 of 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.

FCC WARNING: This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

CE USER INFORMATION

Hereby, **Clipcomm, Inc.** declares that this **Bluetooth(M/N: HCM-100)** is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

FCC ID: UXZHCM100

This device might have a static while use.

User manual for Bleutooth headset HCM-100

Clipcomm Inc.
Location
E.S.T Bldg. 229-15,
Nonhyeon-dong, Gangnam-gu,
Seoul 135-830, Korea
Telephone
+82-2-541-9081
Website
http://www.clipcomm.co.kr
E-mail
sales@clipcomm.co.kr