❖ Bluetooth® Hands-free

BHF-100 User's Guide

PUSH

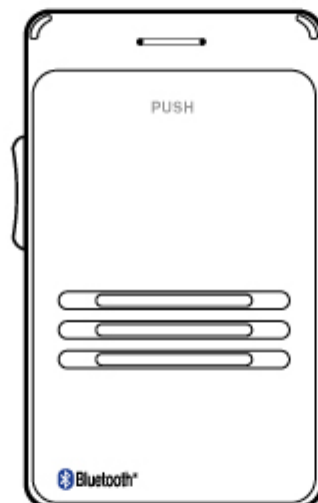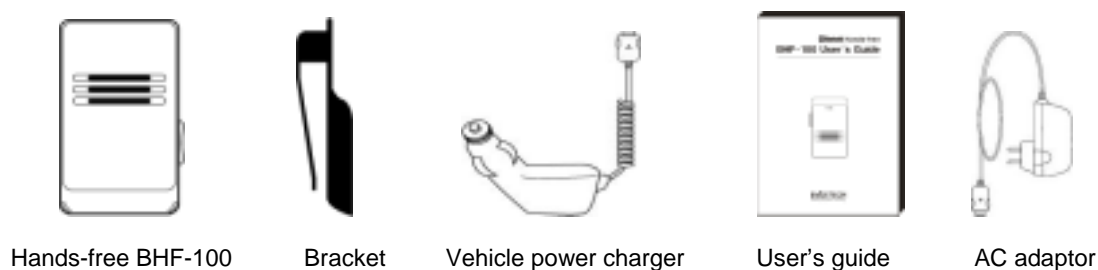❖ Bluetooth®

■ Thank you for purchasing BHF-100
Before using your Hands-free, please read rhis user's guide that
helps you enjoy the most out of the device.
After reading the user guide, Please...

ENUSTECH
Enabling Ubiquitous Technology

❖ CE 0197

Contents

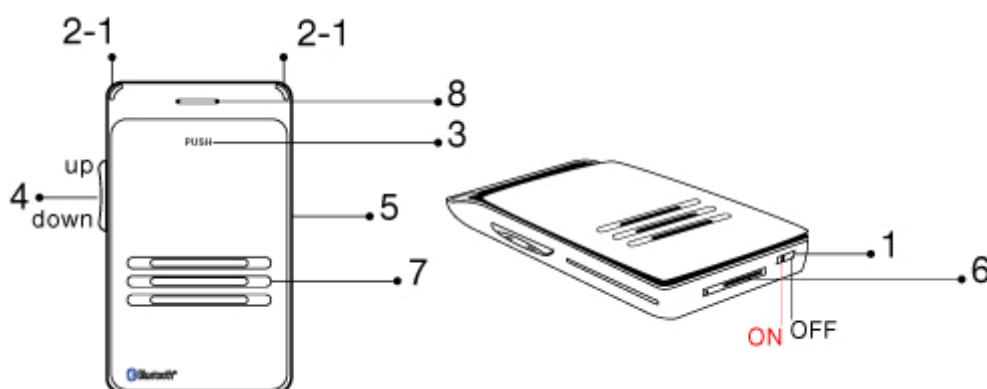| Hands-free BHF-100 | Bracket | Vehicle power charger | User's guide | AC adaptor |

(fig.1)

Check the package

Package of the product is composed of a product main body, a sun visor mount bracket, a vehicle power charger, a user guide, and an optional AC adapter (see the above illustration). Please check before using. Be sure to use the provided vehicle power charger or AC adapter exclusively for BHF-100. In case any problem occurs by use of other adapters, we assume no responsibility or liability.

Check for phone compatibility

Please check your phone compatibility before using BHF-100. You can check whether your phone has Bluetooth capability by visiting your cell phone manufacturer's web site that has complete information on compatibility.

Overview

(fig.2).

1. Main Power Switch
2. Two LED Indicators for pairing, active/stand-by, low battery (2-1: LED1 / 2-2: LED2)
3. Multi-function button (pairing, active, stand-by)
4. Volume Control

5.   Mute button

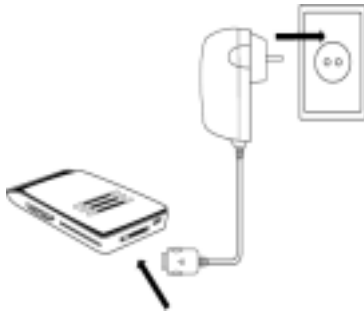6.   Charging Socket

7.   Speaker

8.   Microphone

Charging your Hands-free BHF-100

Use only the vehicle power charger provided.

BHF-100 uses a rechargeable battery that must be fully charged before you use it for the first time.

Connect the supplied wall charger or vehicle power charger to power socket and then to your Hands-free.
The charger indicator is illuminated red while charging and change to green when the Hands-free is fully
charged. It takes approximately 2 hours to fully charge the Hands-free. (fig.3,4)

(fig.3)   (fig.4)

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NOTICE: Low Battery Alert

If Battery is Low, Blue light of the LED2 will blink in every second and also you can hear a short beep
sound every 30 seconds.

WARNING: Use only the vehicle power charger or AC adapter provided.

              Using other AC adapter may damage or destroy the Hands-free.

Status Indicators

The HF-100 is equipped with 2 LEDs to indicate its status.

1.   LED1 and LED2 blinking on shift : Pairing mode

2.   LED1 blinking : Active or Stand-by mode

3.   LED2 blinking : low battery

4.   Both LED1 and LED 2 off : power off

BLUETOOTH PAIRING

Before using your hands-free for the first time, you must pair it with another Bluetooth device, such a mobile phone. Follow the steps for most devices. You can also refer your phone user guide.

1. Turn on both devices. For Hands-free, use the power switch as shown in fig. 2.
2. Place the Hands-free in pairing mode by pressing and holding the multi-function button. Release the button when the status indicators begin to flash on shifts. (Fig.5)

(fig.5)

3. Use your phone's menu to search for Bluetooth audio devices and select " BHF-100" when it appears on the display

Note: In some circumstances the pairing process can take up to 2 minutes to complete.

4. When then phone display asks for a passkey, enter: 0000. The Bluetooth icon appears on the display, once the hands-free successfully paired. If pairing fails, try again following the steps beginning of "Bluetooth Pairing".
    If the hands-free stops responding to button presses, you must reset the hands-free. To reset the hands-free, turn off both hands-free and the mobile phone, and then retry from the first step.

If the two blue lights of the Hands-free still blink on shifts, it means the pairing has failed. You should turn off both Hands-free and your mobile phone, and then retry from the first step.

If the pairing is successfully made, the hands-free will be Bluetooth-connected to the phone and usually this is indicated on the phone display. Please refer to your phone manual. When disconnected, the hands-free can be re-connected to the phone by simply short pressing of the Multi-function button.

USING YOUR HANDS-FREE "BHF-100"

Answer/End/Place a call –

To **answer a call**, short press the Multi-function button.

To **end a call**, long press the Multi-function button. (More than 1 sec.)

To **place a call** using voice dialing, short press the Multi-function button. If you are on a calling using your phone handset, you can transfer the call to your hands-free by a short press of the Multi-function button.

Call transfer back to phone – To transfer a call from your hands-free back to your phone, short press the Multi-function button.

Call reject – To reject a call without answering when the hands-free is ringing, long press the Volume Up and Multi-function buttons simultaneously.

Last number redial – To redial the last number, long press the Multi-function button.(More than 1 sec.)

During a call, press the Volume Control Buttons to adjust the volume.

During a call, short press the Mute Button to mute the microphone. To take the microphone off mute, press the button again.

FAQ

Q1. What is the operation distance between the Hands-free and a Bluetooth mobile phone?

A: The Hands-free has tested and approved by BQB. It is fully compliant to Bluetooth V1.2, class II,
Handset and Hands-free profile. The maximum operation distance can be up to 10 meters. However,
it might be interfered and eliminated by different environments and variable brands of mobile phones.
Some mobile phones may enable shorter effective distance.

Q2. Why can't my mobile phone find the Hands-free?

A: If the Hands-free is not in pairing mode, your mobile phone won't be able to find the Hands-free.
Please set the Hands-free into pairing mode before starting searching on the mobile. Please refer the
User's Guide.

Q3. Why does the Hands-free not work with my mobile phone after the Hands-free has been switched on?

A: You have to activate the Bluetooth function of your mobile phone and pair it with the Hands-free.

Q4. Does the Hands-free work with all types of mobile phone?

A: NO. It works only with Bluetooth enabled mobile phones. If you want to use your mobile phone not supporting Bluetooth, we recommend you to purchase an Audio Gateway.

Q5. When my mobile phone is searching for the Hands-free, why do many Bluetooth devices appear on my mobile phone?

A: Most Bluetooth phones can search for more than one device within the operating range. The Hands-free may appear as "BT Hands-free" , " Unknown Device" or "BHF-100" on your mobile phone after it has been found. Just select "BHF-100" for pairing.

Q6. Will anything cause interference with my conversation when I am using BHF-100?

A: Wireless products such as cordless phone, wireless LAN or Microwave oven may cause interference with your conversation, usually adding a cracking noise. To reduce interference, keep BHF-100 away from these devices to avoid this kind of interference.

Q7. Do I need to pair the Hands-free with my mobile phone whenever I use it?

A: No. Once two devices have been paired, they will remain paired even if one or both devices are powered off

Q8. Why does the Hands-free stop working suddenly?

A: Some Bluetooth mobile phone, which have a problem with the Bluetooth implementation, will occasionally but not often, get into a Bluetooth shutdown status in unpredictable circumstances. When this occurs, please reset your mobile phone. (It is not necessary to do the Pairing again)

TROUBLESHOOTING

Hands-free does not pair with Bluetooth phone

If your Bluetooth phone indicates that pairing was failed, then ensure that all other Bluetooth devices are off and retry again.

The person I am speaking to is hearing his/her own voice being repeated.

Reduce the volume on the Hands-free BHF-100

The sound quality seems to be deteriorating

Try charging the Hands-free using the charging cable supplied. Try muting and then un-muting the hands-free. This process will reset the microphone.

Bluetooth phone doesn't response quickly when I press multi-function button.

You may have to wait a little longer. Sometimes, it takes more time to connect compared with regular mobile phone.

* If you need more Help?

Web: www.enus.co.kr **(Support for BHF-100 and tips)**

SPECIFICATION

1. Bluetooth spec: class2, Max+4dBm Tx output Power
2. Digital Signal Processor (D.S.P.)
3. Full-duplex
4. Noise Suppression & Echo Cancellation
5. Charging current: 500 mA at 4.2 V.
6. Li-ion Rechargeable Battery 1100mAh installed
7. Operating Voltage: DC 3.3V regulated
8. Charging time: 2 ~ 2.5 hours
9. Standby time: 300 hours
10. Talk time: 10 hours
11. Sensitivity or receiver (Microphone) : -80 dB
12. Speaker Power: 2W
13. Working Distance: Max.10M (30 feet)
14. Weight: App.100g
15. Volume Control: 10 steps
16. Certification: Bluetooth SIG, CE, FCC

GLOSSARY

Bluetooth

Bluetooth is a radio technology developed to connect devices, such as mobile phones and Headsets,

without wires or cords over a short distance of approximately 10 meter.

Profile

Bluetooth profiles are protocols through which Bluetooth devices communicate with other devices. Bluetooth phones support different sets of profiles - most support the headset profile but some support the hands-free profile and others support both profiles. In order to support a certain profile, a phone manufacturer has to implement certain mandatory features within the phone's software.

Pairing

Pairing creates a unique and encrypted communication link between two Bluetooth enabled devices and allows them to communicate with each other. Bluetooth devices will not work if the devices have not been paired with each other.

Pass key or Pin code

A secret code that needs to be entered on the phone is order to pair the mobile phone with BHF-100. When you have already paired your mobile phone with BHF-100, the phone and Hands-free will recognize each other and the phone will bypass the discovery and authentication process and automatically accept the transmission.

Active mode

Active mode is when the Hands-free has an active call in progress. BHF-100 will go from standby mode into active mode when you receive a call or when you make a call.

Standby Mode

Standby mode is when the Hands-free is passively waiting for a call. When you "end" the call on your mobile phone, BHF-100 will go into standby mode.

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING BHF-100.

<<NOTICE>>

* Section 15.19 Labelling requirements

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.

* Section 15.21 Information to user

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

* IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

Electromagnetic Interference/Compatibility

Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

ONLINE PRODUCT REGISTRATION

This is not a condition of your warranty, but will assist us in providing the best possible service and technical support for your product. Visit www.enus.co.kr.

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