Bluetooth

[Smart CarKit with built-in Human Motion Sensor]

Using 20 minutes daily, the battery runs for more than 3 months.

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MobiFren
http://www.mobifren.com

MADE IN KOREA

Bluetooth

i-Kit

MobiFren Bluetooth Hands-free Car Kit GBC-2000 User Manual

Bluetooth
Bluetooth Handsfree Car-kit
MobiFren

Intelligent & Smart Bluetooth hands-free car kit
with motion sensor for a driver.

Bluetooth Hands-free Car Kit
Thank you for choosing MobiFren GBC-2000.
It is high quality Bluetooth hands-free car kit,
designed to provide you convenient and easy
way of using your mobile phone.
This instruction manual will get you started!

MobiFren GBC-2000 User Manual

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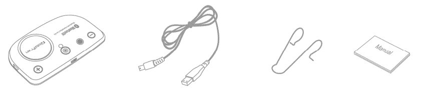
Hands-free Car Kit & Accessories



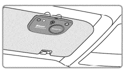
* The drawings and examples in manual are for better understanding to this product, so, it may be different from the real goods. Accessories and design can be changed without prior notice.

＊ **Safety Instruction**
Road safety at all times
Using your mobile phone while driving can distract you and increase the possibility of an accident.
Always drive safely and follow local laws.

1. Install and Charging

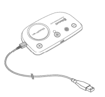
- After attaching clip to GBC-2000, please clip on the sun visor at the right place where the human body motion sensor works well in your car.

* The detecting sensor works within 80 degree and 1 meter.
 If the detecting sensor does not perceive any motion in the car or the driver gets off the car, the hands free changes to standby mode automatically and Bluetooth connection will be disconnected.
* If you use the sun visor to block sun light, you can not use hands-free.
* The sensing degree may be variable, depending from car models, so, please clip on GBC-2000 in the middle of the sun visor if possible.

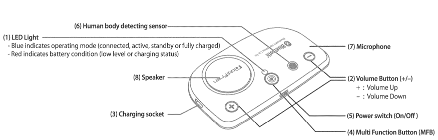


- Charging by USB cable charger

Make sure that your MobiFren GBC-2000 is fully charged before you use it for the first time.
* The LED shows '**RED**' during charging and will turn '**BLUE**' when fully charged.
 While using USB hub, charging may not work well, due to low current.



2. About your MobiFren GBC-2000


(6) Human body detecting sensor
(1) LED Light
- Blue indicates operating mode (connected, active, standby or fully charged)
- Red indicates battery condition (low level or charging status)
(7) Microphone
(8) Speaker
(2) Volume Button (+/–)
+ : Volume Up
– : Volume Down
(3) Charging socket
(5) Power switch (On/Off)
(4) Multi Function Button (MFB)

3. Specifications

- **Talk time** : About 32 hours
- **Standby time** : About 1,600 hours (66days)
- **Standby time at sleep mode** : About 2 years
- **Rechargeable Lithium Polymer battery**
- **Charging time** : About 2 hours and 30 minutes
- **Sensing Operating Range** : 80 degree and 1meter
- **Speaker Output** : Max 3W
- **Size** : 120 x 68 x 18mm
- **Weight** : 80g
- **Operating range** : within 10M
- **Support profiles** : Headset Profile, Handsfree Profile
- **Bluetooth specification** : Version 3.0 (compatible with 4.0)

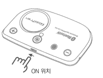
 * Talk and standby time may be variable, depending on the devices or connecting conditions.

4. Getting started with your MobiFren

MobiFren GBC-2000 is very easy to use.

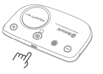
- Turning your hands-free car kit on and off :

- To turn on your hands-free car kit, please locate power switch **ON**.



※ On first purchasing, the hands-free car kit enters into paring mode automatically when the power is on.
※ If the human body sensor detects a driver when the power is on, the hands-free car kit is activated automatically.
※ If the human body detecting sensor does not detect a driver when the power is on, the hands-free car kit becomes sleep mode automatically after 3 minutes.
※ The human body detecting sensor does not work during call.

- To turn off your hands-free car kit, please locate the power switch **OFF**.

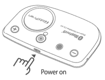


※ During call, if you move the power switch to OFF, the call transfers from hands-free car kit to your mobile phone.
※ If you do not use GBC-2000 for a long time, please locate the power switch at off position.

1. Pairing your GBC-2000 to your mobile phone :

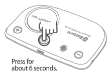
[Manual pairing] If you do not pair to mobile phone within 3 minutes, the hands-free car kit will be out of pairing mode.

1-1 <Pairing on first purchasing : Initial pairing mode >



If you turn on the power, it enters into "**Pairing mode**".
The blue LED is continuously on. Then, you can pair the hands-free car kit to your mobile phone, after activating Bluetooth function in your mobile phone.

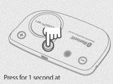
1-2 <Pairing again or pairing to other device >


Press for about 6 seconds.

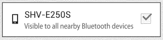
If you press MFB button for around 6 seconds at the status power-on, the hands-free car kit enters into pairing mode. The blue LED is continuously on. Then, you can pair the hands-free car kit to your mobile phone, after activating Bluetooth function in your mobile phone.

< Smart Pairing Mode >

(What is the Smart Pairing?)
It's easy pairing way for the users. If you locate your mobile phone to the hands-free car kit within 10cm, then, it pairs automatically.
※ Some mobile phones may not support to this feature.


Press for 1 second at "Manual Pairing mode"

· If you press MFB button for about 1 second at "Manual pairing mode", it converts to "Smart Pairing mode". The blue and red LED glitters alternately.
· Set up Bluetooth mode in your mobile phone
 1) Activate Bluetooth in your mobile settings.
 2) Like as the below image, click the box to allow searching my device.

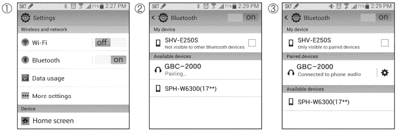


SHV-E250S ☑
Visible to all nearby Bluetooth devices

· Proximity pairing is effective within 45 seconds, and if the mobile phone request Pin code, press "0000 (four zeros)".
 But, if the device fails <Smart Pairing> within 45 seconds, it changes to manual pairing.
 In this case, please pair it according to <Manual pairing> way.
· If the pairing is successful, the hands-free car kit changes to ready to use.

2. Now, please prepare "Pairing mode" in your mobile phone.

(In case the hands-free car kit is manual pairing mode, the blue LED is continuously on.)



① Settings
Wireless and network
Wi-Fi off
Bluetooth on
Data usage
More settings
Device
Home screen

② Bluetooth on
My device
SHV-E250S ☐
Not visible to other Bluetooth devices
Available devices
GBC-2000
Pairing...
SPH-W6300(17**)

③ Bluetooth on
My device
SHV-E250S ☐
Only visible to paired devices
Paired devices
GBC-2000
Connected to phone audio
Available devices
SPH-W6300(17**)

☞ Pairing may be different from mobile models. Please refer to your mobile phone's manual.

❶ Activate Bluetooth function in your mobile according to your phone manual, and go to Bluetooth menu and search Bluetooth device.

❷ Select "GBC-2000" form the searched devices, then, it shows "Pairing".
(Some mobile needs pass key, then, press "0000")

❸ If paring is successful, it shows that "Connected to phone audio" and blue LED glitters every 3 second.
Now it's ready to use.

- Using your MobiFren hands-free car kit :

Some functions of the below may be different from Bluetooth devices.
(mobile phone/ laptop models or manufacturers.)

1. Multi Point Setting

* It's possible to pair up to 8 Bluetooth enabled devices, and can use up to 2 devices. To connect other Bluetooth device, please use it after disconnecting the device which was connected previously.
* Multi Point can make the hands-free car kit to connect 2 devices at the same time. For instance, GBC-2000 can be connected to 2 mobile phones or connected to mobile phone and other Bluetooth device like as a mobile phone, or other mobile Bluetooth device, etc.

< Setting Multi point >
Please pair the hands-free car kit to the devices as you want to pair for multi point, according to the pairing procedure. (Refer to page 7)

- To use multi point
 a. At the status of connecting two devices, if there's incoming call, press the MFB button to answer a call.
 b. At the status of connecting two mobile phones, if you press the MFB button, then, you can give a call to the number that called recently.

2. Answering a call

- Press the MFB button shortly to answer a call if there's incoming call.

3. Ending a call

- Press the MFB shortly to end a call or voice message.

4. Making a call

- If you press "**Send**" button in your mobile phone, some mobile phone will be connected to hands-free car kit automatically, depending on phone models or setting status.
- If the mobile phone does not support the above feature, then, give MFB button a short press, after you press the number in mobile phone.

5. Rejecting a call

- To reject an incoming call, give the MFB button a long press till the hands free car kit beeps.
- Depending on your phone setting, the person who calls you may be forwarded to your voice-mail service or voice message.

6. Transferring a call

- During call by mobile phone, if you press MFB button or volume (+ or –) button, the call transfers to hands-free car kit. To transfer to mobile phone again, please refer to your own phone menu.

* If you power off the hands-free car kit, the call transfers to the mobile phone.

7. Voice Dialing

- Press the MFB button when you hear the beep from the hands free car kit, if your mobile phone supports this voice dialing feature.
 Please refer to your phone's manual for more information about using this feature.

8. Redialing the last number

- If you press the MFB button shortly, your mobile phone shows the last number that you called. Then, press the MFB button shortly again to redial the last number.
 (This feature depends on mobile phone models.)

9. Adjusting Volume

- With (+) / (-) button, you can adjust the speaker volume.

10. MIC mute

- During talk, if you press (+) or (–) button for more than 1 second, the MIC will be mute.
- To turn on MIC again, press (+) or (–) button for more than 1 second.

* If the MIC is mute, it beeps every 5 second.

11. Waiting a call and put a call on hold

- This feature allows you to put a call on hold during conversation and answer a waiting call.
- Give the MFB button a long press, till you hear beep from the car kit, to put an active call on hold and answer a waiting call.
- Give the MFB button a long press to switch between two calls.
- Just press MFB shortly to end a call.

12. Connecting to the paired devices

- **Auto connection:** When you power on the hands-free car kit, it connects to the device automatically which was connected to the latest.
- **Simple connection:** If it is already paired, but is not connected, just press MFB button to connect.

13 . Turn On / Off LED display

Turn off LED : To turn off LED, give a long press volume (+) and volume (–) button simultaneously, more than 1 second, when the LED is on.

Turn on LED : To turn on LED, give a long press volume (+) and volume (–) button simultaneously, more than 1 second, when the LED is off.

* Even when the LED is off, the LED displays at some status, like as receiving a call, turn on and off the hands-free.
* If you turn off the hands-free, this setting will be released automatically.

14. Hands-free Initialization

- Press Vol(+) ▶ Vol(–) ▶ Vol(+) ▶ Vol(–) ▶ MFB button shortly in order, then, GBC-2000 is power-on again.
 The LED shows red and blue, and it will be initialized to the point of purchasing.

5. What does LED color mean?

Status	LED indication
Active on a call	Blinks blue light every 8 second
Standby mode	Blinks blue light every 3 second
battery is running low	Blinks red light
Charging	Red light ON
Fully charged	Blue light ON
Pairing mode	Blue light ON
Smat Pairing	Blinks Red and Blue LED alternately

6. Troubleshooting & FAQ

- I hear crackling noises
 For the best call quality, please locate your mobile phone near to hands-free car kit.
- I cannot hear anything
 "Increase the volume of the hands-free car kit"
 "Ensure that the hands-free car kit is paired with the phone."
 "Make sure that the phone is connected to the hands-free car kit."
 If the hands-free car kit fails to connect either when you pressed MFB or through your mobile phone's Bluetooth menu, follow the pairing procedure.
- I have problems with pairing even though my phone indicates otherwise.
 Please delete the hands-free paired in your mobile and pair the hands-free again.
 Please refer to set up "**Pairing mode**", Page 7, 8, 9, 10.
- Will the MobiFren GBC-2000 work with other Bluetooth equipment?
 The MobiFren GBC-2000 is designed to work with Bluetooth mobile phones, which are built in. It can also work with other Bluetooth devices that are compliant with Bluetooth version 1.1/1.2/ 2.0/2.1+EDR/3.0/4.0 and that support HSP and HFP.
- When you use the hands-free in the car, the hands-free can be affected by the internal noise.

7. Handle MobiFren with care

- Always store the MobiFren GBC-2000 with the power off and protect safely when it's not in use for long hours.
- Avoid storage at high and low temperature. This can affect the battery life and may be the cause of malfunction. High temperature may also degrade performance.
- Do not expose the MobiFren GBC-2000 to rain or other liquids.
- Prevent children or pets to bite or suck this headset.
- Please do not disassemble at user's option.
- Please make sure to use certified charger.
 (USB charging rated voltage : 5V)

8. Certification and safety approvals

FCC ID : UZCGBC-1000

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: This device may not cause harmful interference, and This device must accept any interference received, Including interference that may cause undesired operation.

IMPORTANT NOTE:
FCC RF Radiation Exposure Statement:
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Made in Korea

CE 0984 5V ⎓,900mA

In accordance with the R & TTE Directive 1999 / 5 / EC of 09. March 1999

GTT-GBC-1000 RoHS CERTIFIED PRODUCT PVC PAPER

9. Glossary

1) Bluetooth is a radio technology that connects devices, such as mobile phones and hands-free, without wires or cords over a short distance (approximately 30 feet) Get more information at www.bluetooth.com
2) Bluetooth profiles are the different ways in which Bluetooth devices communicate with
 HSP : Headset Profile
 HFP : Hands-free Profile
3) Pairing of devices create a unique and encrypted link between two Bluetooth devices and let them communicate with each other. Bluetooth devices will not work if the devices are not paired.
4) Passkey or PIN is a code in numbers, which you have to enter on your mobile phone to pair it with your MobiFren GBC-2000.
 This makes your phone and the MobiFren GBC-2000 to recognize other and automatically work together.
5) 'Standby Mode' is when the MobiFren GBC-2000 is passively waiting for a call. When you end a call on your mobile phone, the hands-free car kit goes into standby mode.

10. Warranty

The conditions and our responsibilities under this warranty are as follows :

- The warranty is limited to the original purchaser.
- A copy of your receipt or other proof of purchase is required.
- The warranty is void if the serial number, date code label or product label is removed, or if the product has been subject to physical abuse, improper installation, modification, or repair by unauthorized third parties.
- The responsibility of MobiFren (MobiSolution) products shall be limited to the repair or replacement of the product at its sole discretion.
- Any implied warranty on MobiFren (MobiSolution) products is limited to one year from the date of purchase on all parts, including any cord and connector. But, battery warranty is limited to 6 months.
- Specifically exempt from any warranty are limited-life consumable components subject to normal wear and tear, such as microphone windscreens, ear cushions, decorative finishes, batteries, and other accessories.
- MobiFren (MobiSolution) is not liable for any incidental or consequential damages arising from the use or misuse of any MobiFren (MobiSolution) product.
- This warranty gives you specific rights and you may have other rights which vary from area to area.
- Unless otherwise instructed in the User Manual, the user may not, under any circumstances, attempt to perform service, adjustments or repairs on this unit, whether in or out of warranty. It must be returned to the purchase point, factory or authorized service agency for all such work.
- MobiFren (MobiSolution) will not take any responsibility for any loss or damage incurred in shipping. Any repair work on MobiFren (MobiSolution) products by unauthorized third parties voids any warranty.

"Contribute to our communities with
good technology and good product"