MobiFren

User Guide

It's Sound

Nothing better than this sound.
Only the one Sound beyond your imagination.

Sound Majesty **SM Pro**

MobiFren is made by dreaming for all the user's happiness

First Apple MFi certified Bluetooth earphone

Made for iPod iPhone iPad

ANDROID

MobiFren Bluetooth earphone Features

■ Premium Sound
(MSTS™ Tuning Technology & apt-X codec & AAC codec)

MSTS™ Tuning Technology together with lossless compression codec apt-X & AAC codec enables you to enjoy premium Hi-Fi stereo sound.

With built-in DSP chip, it supplies optimal call quality by noise reduction and echo cancellation.

■Supporting Android & iOS App.

You can use many kinds of useful functions like as below, if you download MobiFren_SM from the store.

Caller ID TTS

If you press any button of the headset on incoming call, the mobile phone reads you the caller's name via phone speaker.

SMS/SNS message TTS (Available with Android)

If there's new message of SMS, SNS or Line, it reads you the message, together with beep.

Find mobile phone

If you can't remember well where you placed mobile phone, it helps you to find out your mobile phone by pressing headset button. Mobile phone will ring.

Anti Earphone loss

When the earphone is disconnected with mobile phone, mobile phone alarms you with vibration or message.

Anti Mobile Phone loss

When the mobile phone and earphone is disconnected during connection, earphone alarms its disconnection, to prevent any possibility of your mobile phone loss.
You can stop alarm sound if you press any button of the earphone.

Hot call (Prompt call)

If you register one phone number in advance that you call frequently, you can call easily by pressing headset button for two times consecutively.
(For iPhone, it connects to call with Call button in mobile.)

Mobi Health

It counts steps, walking distance and measures calorie consumption like as pedometer.

Present time notice

By pressing headset button for 2 times consecutively, it notices you the present time.

Incoming call alarm via earphone (Android only)

Alarm sound increases gradually via earphone if there's incoming call. It's useful when your mobile is silent mode.

Last Call (Instant call for the latest number) (Available with Android)

You can connects to call by earphone after searching recent call list.

Camera Remote control (Available with Android)

It enables to play as a remote control when you take a picture. It's helpful when you take a self picture or group picture.

Present time notice

By pressing headset button for 2 times consecutively, it notices you the present time.

■Multi Point

■Bluetooth 4.2

■Voice prompts

■Firmware upgrade

It's available the latest firmware for optimized usage if there's upgrade.

※ Its functions are variable depending on mobile phone.

■Fixing magnet

※ There's built-in magnet to hold the L&R earphone together, to make it easier to carry while not using.

※ Caution

American Heart Association and British Drug Admini stration warns that magnets can affect medical equipments (pacemaker, defibrillators, insulin pump, and other electronic medical equipment) if the distance between magnets and medical equipment is within 15 cm)

Please do not use this product before you consult with your doctor, if you are using the mentioned medical equipment.

Please do not place this product to the places, influe nced by magnetism.

The magnetic products like as credit card, telephone card, bank account, ticket can be deleted its information.

Contents

- Headset & Accessories — 2
- Turn on/off the headset — 3
- Charging — 4

1. About your MobiFren earphones — 5

2-1. How to wear earphone — 6

2-2. Attach/Detach ear foam and foam tip — 7

3. Button guide — 8

4. Getting started with your MobiFren

(1) Getting started with your MobiFren — 14

(2) Multi point — 15

(3) Call — 15

(4) Factory reset — 16

(5) Firmware upgrade — 16

(6) Listening music — 17

(7) Changing Music Mode — 17

(8) Android application — 18

5. What does LED color mean? — 21

6. Troubleshooting & FAQ — 22

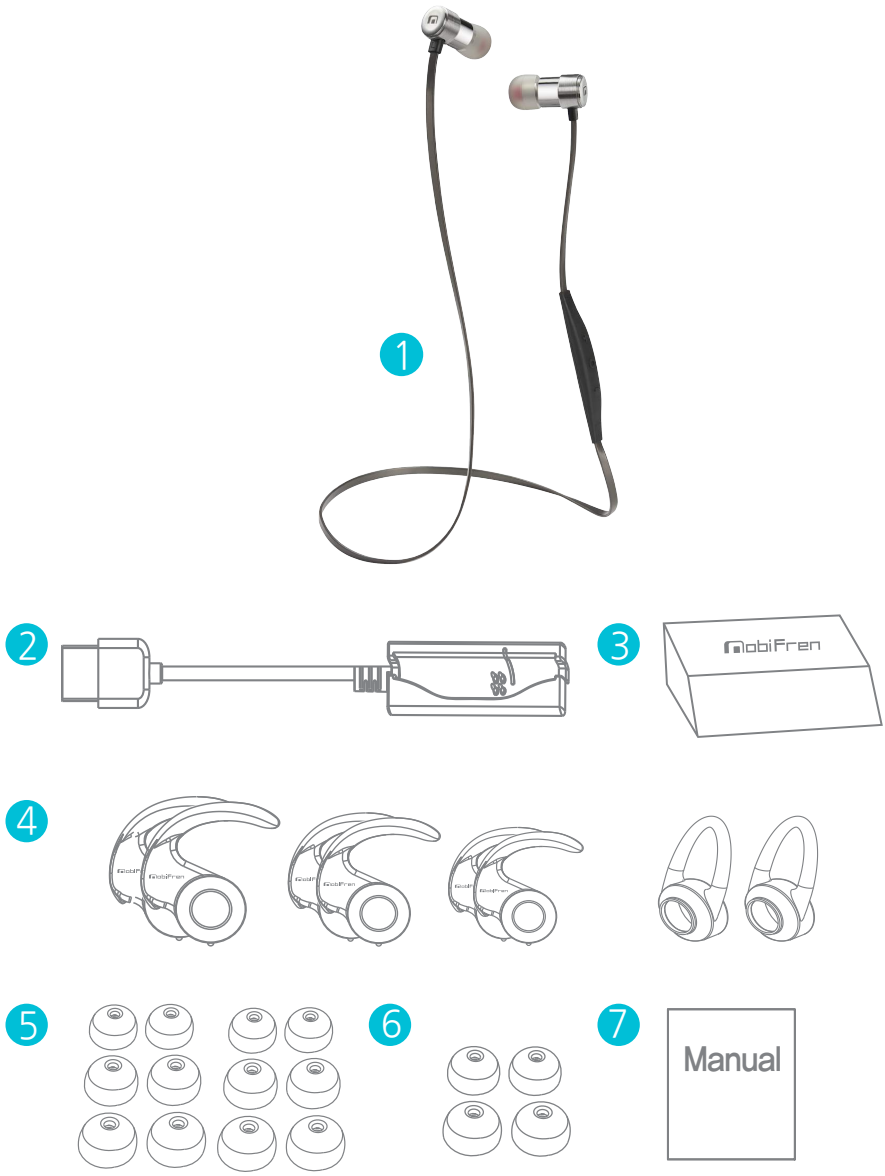
7. Handle MobiFren with care — 23

8. Certification and safety approvals — 24

9. Features & Specifications — 25

10. Warranty — 26

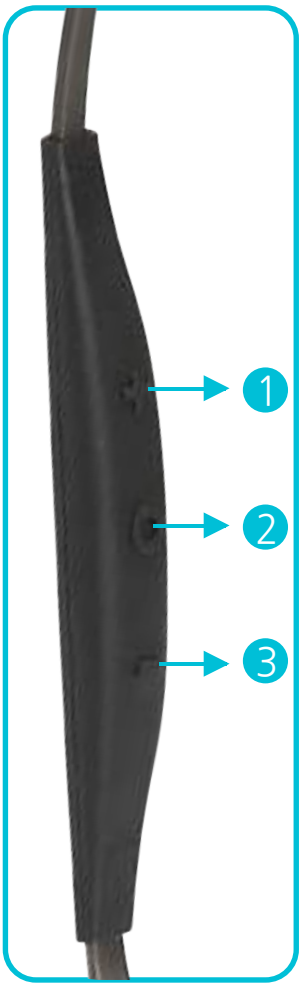
Headset & Accessories



1 Earphones	2 charging cradle	3 Pouch
4 Ear cushion(L,M,S)	5 Ear pad(L,M,S)	6 Foam tip(L,M)
4 Manual		

※ 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.

Fig.1 Turn on/off the headset



1. Volume up (⊕) Button
2. MFB ◎ Button (Multi Function)
3. Volume down (⊖) Button
4. Microphone
5. LED display
6. Charging port

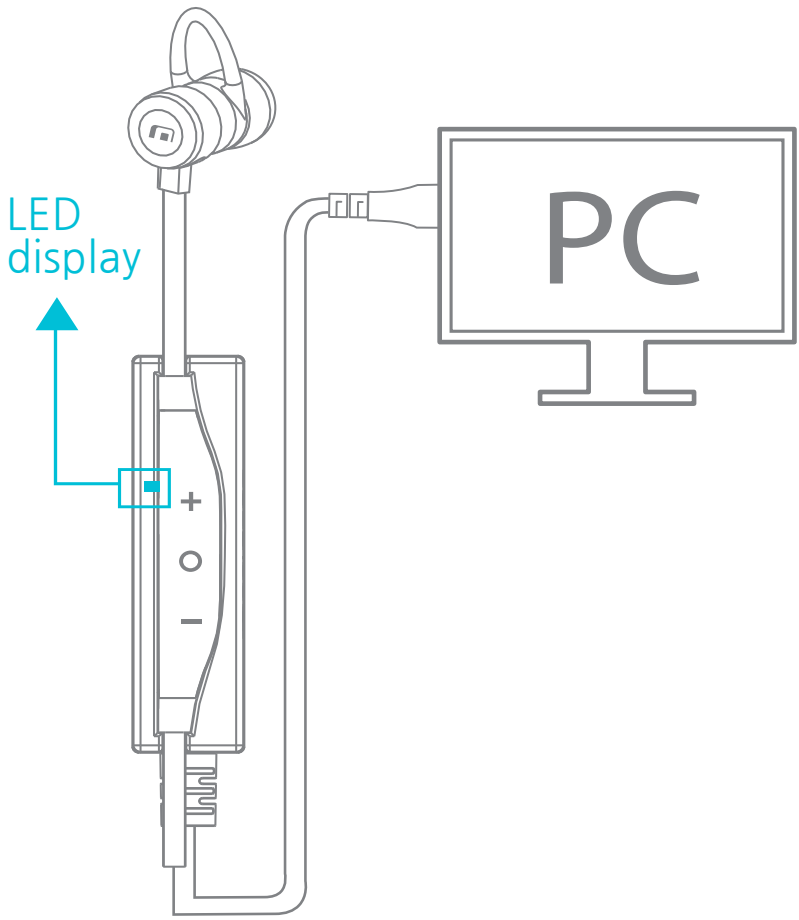
Turn on

Press MFB for 2 seconds.
It turns on and blue LED glitters

Turn off

Press MFB for 4 seconds.
If you give a MFB button long press, the purple LED glitters and the headset will be power off after you hear " Power off".

Fig.2 Charging



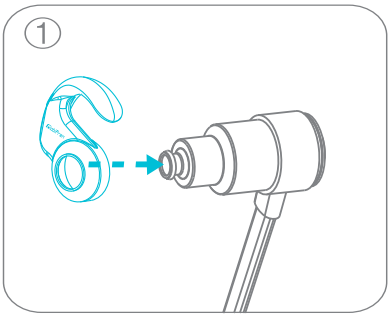
※ Make sure that your headset is fully charged before you use it.

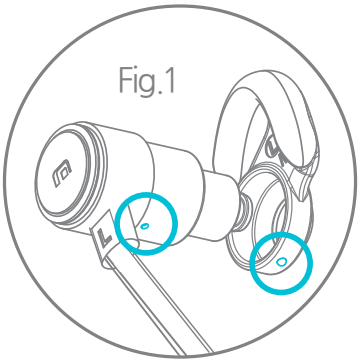
- The LED shows 'RED' during charging and will turn 'BLUE' when fully charged.

1. About your MobiFren

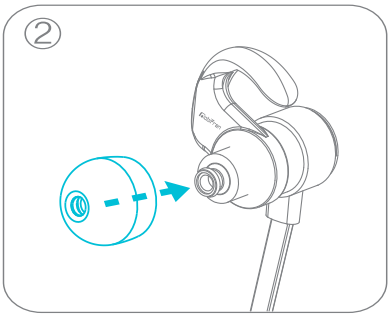
Designation	Function
1. Microphone	Microphone
2. LED	LED guide light for headset status LED
3. Charging port	Charging port
4. Volume up (⊕)	Volume control, Next song etc.
5. Multi Function (◎)	Turn on/off, Answer/Reject/ Convert a call/ Play/ etc.
6. Volume down (⊖)	Volume control, Previous song etc.
7. Fixing Magnet	Magnet to hold L&R earphone together

2-1. How to wear earphone

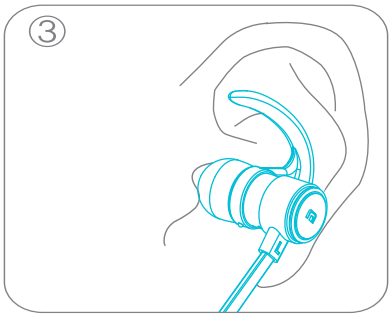




First, attach ear cushion to earphone.
(Like as Fig. 1, assemble the ear cushion projected part to meet ear body hole at bottom.)



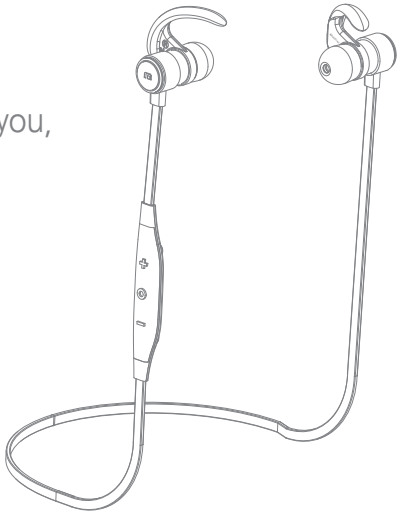
Attach the proper size of ear pad to earphone.



Then, wear the earphone after fixing ear cushion to the ear.

Tip

Select the best fit ear pad size for you, and it's comfortable to wear with supporting ear cushion.



2-2. Attach/Detach ear foam and foam tip

Good

Attach/Detach holding ear foam and foam tip holding together.

Well assembled

Not good

If you handle excessive force for ear foam,
it will damage to the bonding area between ear foam and foam tip.

3. Button Guide

◎ MFB ⊕ Volume up ⊖ Volume down

You can control earphone easily with these 3 buttons.

Basic Button Control

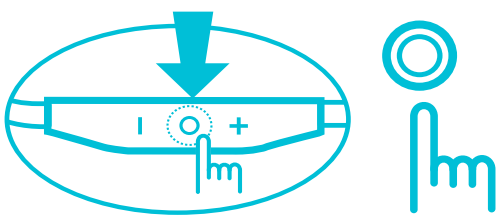
Answer a call	Short press
End a call	Short press
Turn on headset	Press for 2 seconds

(If no paired device, it moves to pairing mode automatically.)
(If there's paired device, it connects to the paired device.)

Turn off headset	Press for 4 seconds

If you give a MFB ◎ long press, the purple LED glitters and the headset will be power off after you hear "Power off"

Pairing mode	Press for 4 seconds at power off
Reject a call	Press for 1 second
Convert a call	Press shortly during call
Play/Pause	Short press
Stop	Press for 1 second (during play)



◎ Press MFB button

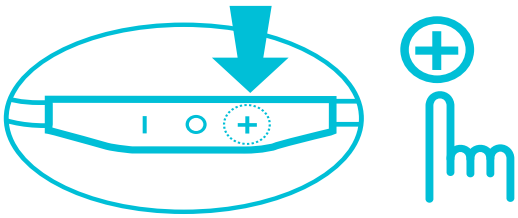
Music Mode change	Press for 1 second (during play)

To move forward direction, press(◎) button and (⊕)button simultaneously.
To go backward direction, press(◎) button and (⊖)button simultaneously.

Press for 1 second

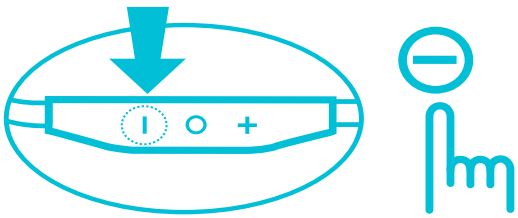
(◎)MFB + Volume (⊕) or (⊖) Press at the same time.

Volume +	Short press
Waiting a call and put a call on hold	Press for 1 second (during call)
Next song	Press for 1 second (during play)



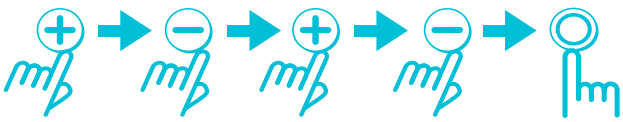
⊕ Press volume up button.

Volume -	Short press
Mic mute	Press for 1 second (during call)
Previous song	Press for 1 second (during play)



⊖ Press volume down button

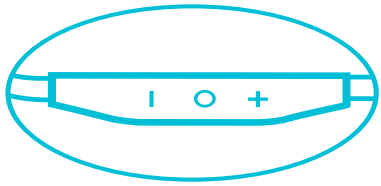
Factory Reset



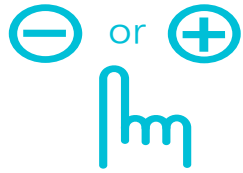
Press ⊕ → ⊖ → ⊕ → ⊖ buttons in order, then press (◎)button

Operating App functions with earphone

TTS caller ID | Short press upon incoming call

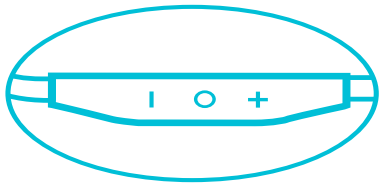


Short press

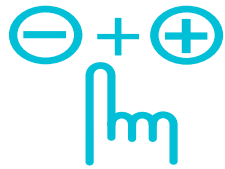


(⊕) or (⊖) Press volume button

Find mobile phone | Press for 1 second (at standby)

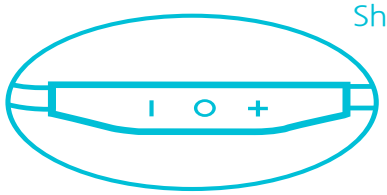


Press buttons for a second at the same time



(⊕) and (⊖) Press at the same time

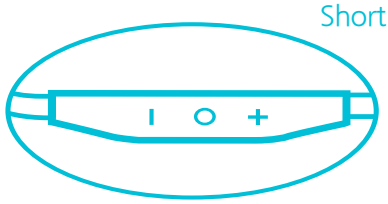
TTS (Stop during TTS) | Short press (during message TTS)



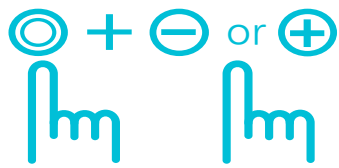
Short press during message TTS

During message TTS, press (◎), (⊕) or (⊖) button.
(Only with Android)

TTS (Manual TTS play) | Short press



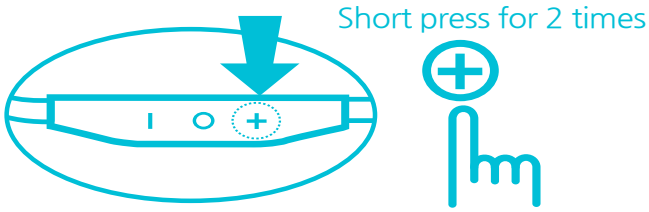
Short press after received TTS message



Press MFB(◎) and (⊕) or (⊖) buttons at the same time after received TTS message. (Only with Android)

Hot call (Prompt call) | Short press for 2 times

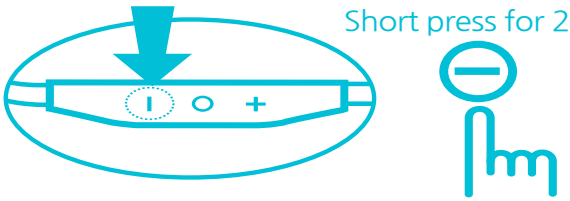
※ It connects to call to the pre-registered number, with beep sound.
※ In case of iPhone, press Call button in your mobile.



⊕ Press Vol. up button

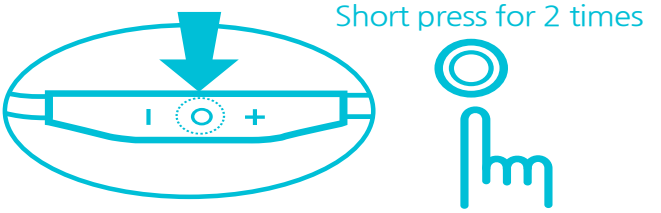
Last Call (Direct call to the latest number) | Short press for 2 times

※ You can connects to call by earphone after searching recent ca llist.



⊖ Press Vol. down button
(Available with Android)

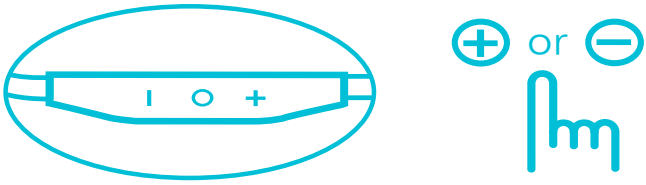
Time notice | Short press for 2 times



Press MFB (◉) button.

Camera remote control | Short press

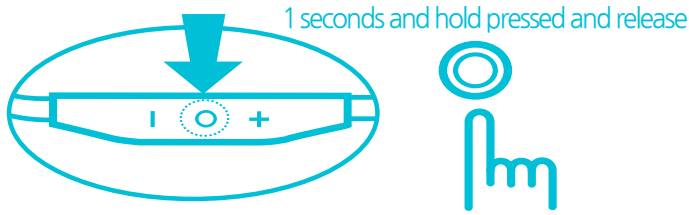
※ It works only when MobiFren camera application is on.



Press Vol.(⊕) or Vol.(⊖) button.
(Available with Android)

Voice Memo

1 seconds and hold pressed and release

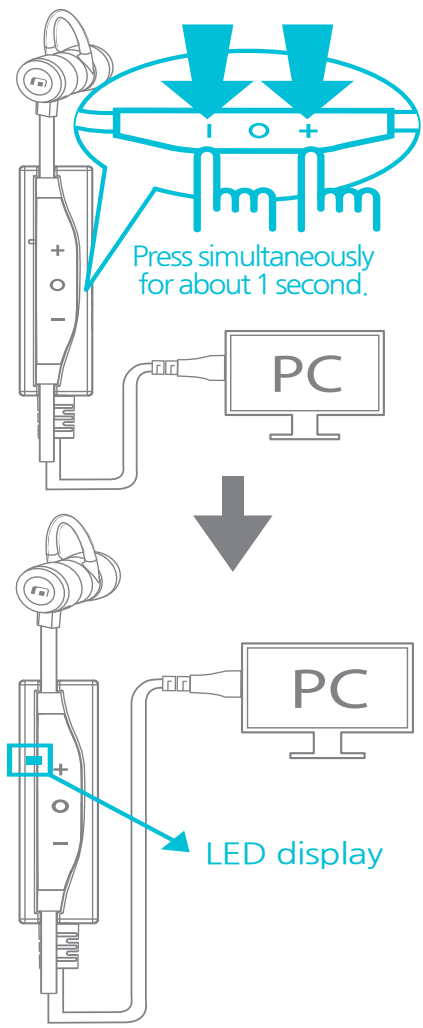


Press MFB (◉) button.
(Available with Android)

Firmware upgrade

During charging with PC USB, press (⊕) button and (⊖) button at the same time for a second, then, red LED blinks and turn off.

Caution : Be careful not to separate the earphone charging contact from the cradle, not to damage the earphone.



4. Getting started with your MobiFren

GBH-S880 are easy to use for everyone.

1. Pairing to your mobile phone

* Before you use MobiFren Bluetooth earphone, you need to pair it with your mobile phone or Bluetooth enabled device.

1) Pairing on first purchasing

※ Entering into pairing mode with Bluetooth earphone

- On first purchasing, the earphone enters into pairing mode automatically when the power is on.
  And blue LED is continuously on.
  (You need to pair with your mobile within 2 minutes.)

※ Pairing with mobile phone

Way 1. Pairing with MobiFren App.

① Install "MobiFren_SM" from Google play store or App store.
② Press the first menu " Pair (Connect) headset ", then it goes to Bluetooth setting.
③ Activate Bluetooth and search headset.
④ Select "GBH-S880" from the searched devices, then it pairs.
※ Pairing will be more easy with MobiFren_SM application.

Way 2. Pairing with mobile phone setting

① Activate Bluetooth function in your mobile phone according to phone manual and search GBH-S880 and select, then, it shows "Pairing".
(Some mobile phones need pass key(PIN), then, enter 0000.)
② If pairing is successful, it shows that " Connected to phone and media audio" and blue LED glitters for 5 times. Now, it's ready to use.

2) Pairing to other device

※ Entering into pairing mode with Bluetooth headset.

① Deactivate the Bluetooth function of the connected device if there's connected device.
② Press MFB(◎) button for 4 seconds to turn off.
③ Press MFB(◎) button for 2 seconds, then, the head set turns on and enters into pairing mode.

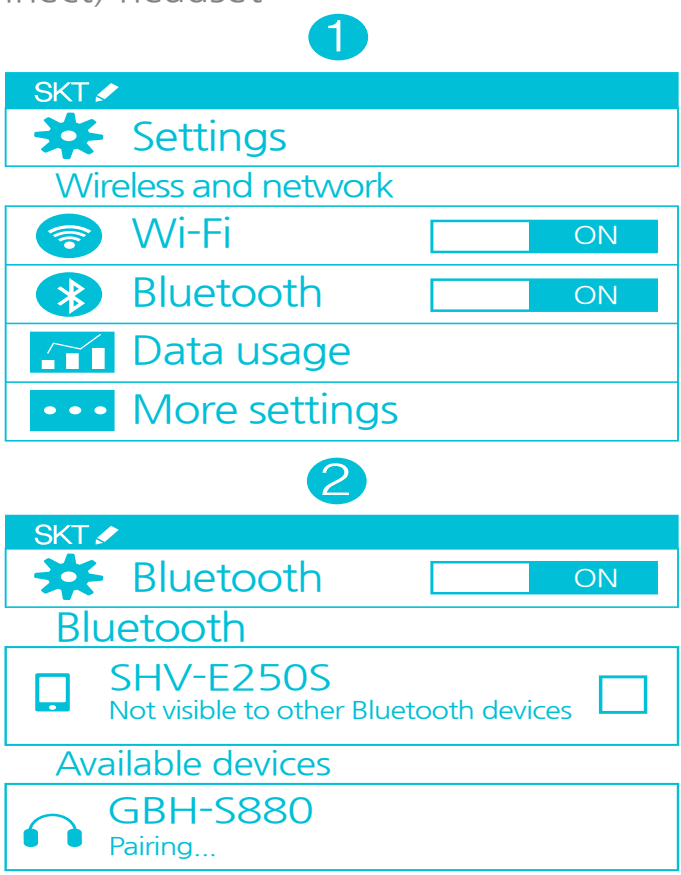
※ Pairing with mobile phone

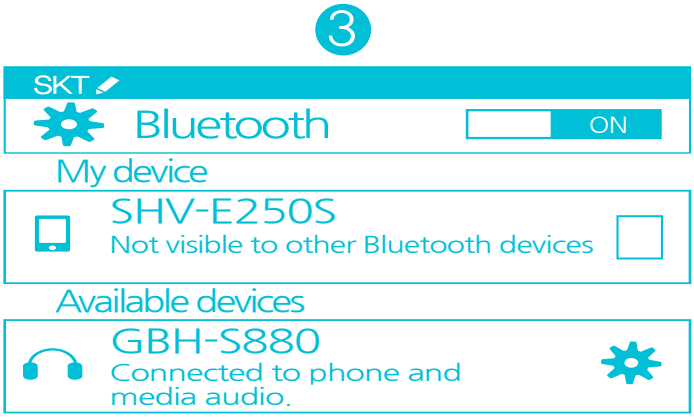
① Follow the pairing procedure of way 1 or way 2 on first purchasing.
② If the pairing is successful, it shows that " Connected to phone and media audio"and blue LED glitters for 5 times. Now, it's ready to use.

※ When the headset is power off, if you press MFB (◎) for 4 seconds, it goes to pairing mode.

※ Useful tip (3 ways to go Bluetooth setting)

① Menu button ▶ Setting ▶ Bluetooth on main screen
② Drag down the screen and press Bluetooth icon.
③ Run MobiFren_SM app. and select the menu " Pair (Connect) headset"





※ Pairing process may be different from mobile phone makers. Please refer to mobile phone's manual.

2. Multi point setting

※ It's possible to pair up to 8 Bluetooth enabled devices and can use 2 devices simultaneously.

1) Setting Multi point

- Please pair Bluetooth earphone to the first device according to the pairing process. (Refer to pairing process.)
- Turn off Bluetooth earphone.
- Press MFB(◎) button for around 4 seconds till blue LED is continuously on.
- Please pair Bluetooth earphone to 2nd device acc ording to pairing process.
- Then, turn off Bluetooth earphone and turn on again, it will be connected 2 devices.

2) To use multi point

- At the status of connecting two devices, press MFB(◎) to answer a call if there's incoming call.
- At the status of connecting two devices, press MFB(◎) to listen the music that was played lately.

※ During multi point status, please refer that App related functions are not workable.

3. Call

1) Answering a call

- Press MFB(◎) button to answer a call.

2) Ending a call

- Press MFB(◎) button shortly to end a call.

3) Rejecting a call

- During an incoming call, press MFB(◎)button for about 1 second.

4) Converting a call

- During call with mobile, press MFB(◎)button to convert to headset
  (To call with mobile again, use your mobile phone menu.)

5) Volume control

- With (⊕)/(⊖) button, you can control volume.

6) Microphone Mute

- During call, if you press (⊖)button for about 1 second, the microphone becomes mute.
- During mute, it will be released, if you press (⊖)button for about 1 second.

7) 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 (⊕)a long press (press approximately 1 second) to put an active call on hold and answer a waiting call.
- Give the (⊕) a long press to switch between two calls
- Just press (◎)shortly to end a call.

4. Factory Reset

- Press ⊕ → ⊖ → ⊕ → ⊖ buttons in order and press MFB(◎) button.
  Then, purple LED glitters and headset will be initialized.
  Pair the headset again to use after factory reset.

5. Firmware Upgrade

- You can install firmware at our website, for improved or added functions.
- During charging in cradle, press (⊕) and (⊖) button simultaneously for a second.
  Then, red LED blinks and headset goes to firmware upgrade mode.

※ Firmware upgrade is available at www.mobifren.com
※ Do not disconnect the headset from PC during firmware upgrading.
It may cause malfunction or damage to the headset.
※ After firmware upgrade, the headset becomes initialization automatically.

During firmware upgrade, do not separate earphone from the cradle.
It may cause out of order.

6 Playing music

※ To enjoy the best audio quality, please set 70~80% from the max volume in your device.

- On first purchasing, the volume sets in level 8 of all 15 levels. (Please adjust with (⊕)/(⊖) button for volume.)

- **Button details for playing music**
  - Play / Pause : Press MFB(◎) button shortly
  - Stop : Give a MFB(◎) button long press
  - Volume up : Press (⊕) button shortly
  - Volume down : Press (⊖) button shortly
  - Next song : Give a (⊕) button long press
  - Previous song : Give a (⊖) button long press

7. Changing Music Mode

- While playing music, if you press (◎) button and(⊕) button at the same time for 1 second, the Music Mode changes forward direction. And, if you press (◎) button and (⊖) button at the same time for 1 second, the Music Mode changes backward direction.

Wireless Hi Fi audio, the closest quality to Analogue

7 Music Mode

MobiFren Mode	MobiFren SM Pro Reference Mode A feast of high bass together with crystal clear highs
B Mode	Bigboom Standard Mode Natural sound tuned by a top mastering specialist
S Mode	Sharp & Clean Mode True bass with crystal clear highs
D Mode	Detailed & Spacious Mode Extremely detailed highs and powerful bass stereophony
F Mode	Flat & Magnificent Mode Flat highs & mid tone with magnificent scaled bass
Bass Boost Mode	Bass Boost Mode Powerful sound with ultra rich bass
Cinema Mode	Cinema Mode Cinema surround sound

※ There are several kinds of bit rate even though it's the same MP3 file. If the file source is higher bit rate(320K) for listening, you can feel the real worth for our Bluetooth earphone. And, if the speaker is not good even with good source, the sound quality will not be good, and if the speaker is good with inferior source, the sound quality can't touch to the listener. The MobiFren earphone of optimized tuning supplies you high quality sound, but, we also recommend you to use high resolution source file (320K) to enjoy touching sound.

8. Using Android & iOS application

For more convenient and easy use of the headset, please download "MobiFren_SM" at Google play store or Apple App store.
(Workable with iPhone 4S or higher)

- TTS caller ID

If you press (⊕) or (⊖) button shortly when there's an incoming call, you can listen the caller's name via mobile phone speaker.

- Message TTS (SMS/ Line/ SNS) (Available with Android)

After setting Message TTS, in automatic mode, it reads you message after the setting time, and in manual mode, you can hear message by using headset button.
(When you set this function, it goes to mobile phone's accessibility menu automatically, then, select MobiFren_SM in accessibility service.)

Stop while playing TTS : TTS playing stop.

While reading TTS message, press(◎),(⊕) or (⊖) button to stop playing.
Manual mode : It reads you message by pressing headset button.
Press (◎) and (⊕) or (⊖) button at the same time to hear message manually.

- Mobi Health

You can control Start/Stop and check walking steps, consumption calorie and walking distance with application like as pedometer.
(It considers as a step, after you walk at least 7 steps for the beginning.)

- Last Call (Direct call to the latest number) (Available with Android)

If you press volume ⊖ button shortly for 2 times, earphone reads you the latest call. You can move the call list by volume button.
Press ◎ button to connect a call. It's useful when you drive or your mobile is not in hand.

- Hot call (Prompt call)

Register one frequent call number and press Volume (⊕) button shortly for 2 times.
(In case of iPhone, it needs to press Call button in your mobile.)

- Find mobile phone

If you can't remember well where you placed your mobile phone, press (⊕) and(⊖) buttons
at the same time for about 1 second to find out your mobile phone. Then, the mobile phone will ring.

- Anti Earphone loss / Anti Mobile Phone loss

Anti Earphone loss : When the earphone is disconnected with mobile phone, the earphone alarms.

Anti Mobile Phone loss : When the mobile phone and earphone is disconnected during connection, earphone alarms its disconnection, to prevent any possibility of your mobile phone loss. You can stop alarm sound if you press any button of the earphone.

- Camera Remote control (Available with Android)

Press (⊕) or (⊖) button shortly to take a picture after running application.

※ It needs additional MobiFren camera application.
Please install it after searching MobiFren at Google play store.

- Incoming call alarm via earphone (Android only)

Alarm sound increases gradually via earphone if there's incoming call.
You can set On/Off in application and its default is Off.
It's useful when your mobile is silent mode.

-Present time notice

Press (◎) button for 2 times to hear the present time.

- Voice Memo (Android only)

It's useful to record voice memo by pressing(◎)button for 1 seconds and releasing during a call.
You can record it by pressing the same button during a call or not.

※ Recording during a call may not be workable for an old mobile phone models.

〈 Available functions for Android or iOS app.〉

App function	Android	iOS
Music Mode control	O	O
Mobi Health	O	O
Battery gauge	O	O
Message TTS	O	X
Anti Mobile Phone loss	O	O
Anti Earphone loss	O	O
Last call (call to the latest call number	O	X
Hot call (Prompt call)	O	O
Camera remote control	O	X
Present time notice	O	O
Find mobile phone	O	O
Caller ID TTS	O	O
Incoming call alarm via earphone	O	X
Voice Memo	O	X
Factory reset	O	O

5. What does LED color mean?

Status	LED indication
Active on a call	Blinks blue light every 8 second
Standby	LED OFF (If press button, blue LED blinks for 5 times)
Battery is running low	Blinks red light
Charging	Red light ON
Fully charged	Blue light ON
Pairing mode	Blue light ON
Firmware upgrade	Turn off after glittering for 2 times.

6. FAQ & Troubleshooting

※I hear crackling noises

- For the best audio quality, always locate your headset close to mobile phone.

※I cannot hear anything

- Increase the volume on the headset.
- Ensure that the headset is paired with the phone.
- Make sure that the phone is connected to the headset.
- If the headset fails to connect when you pressed MFB, try to connect again following the pairing procedure.

※I have problems with pairing even though my phone indicates otherwise.

- Please delete the headset paired in your mobile and pair the headset again. Please refer to set up "Pairing mode" in Page 8.

※Will the MobiFren GBH-S880 work with other Bluetooth equipment?

- The MobiFren GBH-S880 is designed to work with Bluetooth mobile, computer or portable audio devices 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, HFP, A2DP and AVRCP.

※Is the enclosed charging cable for only specified device?

- It's compatible with all standardized micro USB charger, and in general, compatible with Android mobile phone charger.

※When you use the headset in the car, the handsfree can be affected by the internal noise.

7. Handle MobiFren with care

OFF

- Always store the MobiFren ear phone with the power off and protect safely when it's not in use.

- can affect the MobiFren's battery life and may be the cause of malfunction.
- High temperature may also degrade performance.

- Do not expose the MobiFren earphone to rain or other liquids

- Prevent baby, children or pets to bite or suck this headset

- Please do not disassemble at user's option

5V, 110mA

- Please make sure to use certif ied charger. (Rated Voltage : 5V)

- Please make sure not to separate from the charging cradle during firmware upgrade

FCC ID : UZCGBH-S880

NOTE: 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 pro-vide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not in-stalled 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 encou raged 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.

This device comply with part15 of FCC rules.

Operation is subject to the following two conditions:

• This device may not cause harmful interference.

• this device must accept any interference received, including interference that may cause undesired operation.

CAUTION : Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

9. Specifications

• Model	GBH-S880
• Talk time	About 9 hrs
• Music play time	About 7.5 hrs
• Standby time	About 7 days
• Charging time	About 1hr 30mins
• Size	8.9mm (W) x 56mm (L) x
	5.6mm (T) x 570mm (Cable)
	Rechargeable Lithium Polymer
• Weight	About 18g
• Operation range	Within 10m
• Supporting	Headset profile
Bluetooth profile	Handsfree profile
	A2DP
	AVRCP
	SPP
• Bluetooth Version	Ver. 4.0

※ Operation time may be variable, depending on connected device or setting status.

Made in Korea

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

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 products shall be limited to the repair or replacement of the product at its sole discretion.
- Any implied warranty on MobiFren 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 is not liable for any incidental or consequential damages arising from the use or misuse of any MobiFren 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 will not take any responsibility for any loss or damage incurred in shipping.
  Any repair work on MobiFren products by unauthorized third parties voids any warranty.

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

MobiFren

MobiFren

MobiFren

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ISO 9001 Quality Management System
Certified Company

MSIP-CRM-GTT-GBH-S880

CE 1177 3.7V ⎓ , 140mA

COTECNA CERTIFIED RoHS PRODUCT

PVC PAPER

earphone: MADE IN KOREA
Charging cradle: MADE IN KOREA
Charging cradle: MADE IN KOREA