

Warning for Safety

It is to protect user' s safety and property.

Please read the instruction for proper use of headset.

Warning

Case that user may get seriously injured or death due to improper use of headset

Please be cautious during use of headset.

Do not apply force or do not puncture with a sharp object.

Do not place in an area under hot temperature or boil it.

Do not touch a headset or a power supply plug with wet hands..

Do not get it wet or submerged under water.

Do not let a child or a pet bite or suck it.

Please be cautious during use of headset.

Please follow the regulations, directions, or signals within an explosion area.

Please turn off the power of headset where its use is prohibited.

If not followed, there might be a problem or risk caused in a radio wave.

Please turn off the power of headset where its use is prohibited.

If not followed, there might be a problem or risk caused in a radio wave..

Please turn off the power of headset in an explosion risk area.

Warning

Case that user may get seriously injured due to improper use of headset or a headset is damaged

Do not place the headset or charger near heat emitting apparatus (heater, microwave etc.).

It may cause deformation of product or explosion or fire.

Do not alter, disassemble or repair at user' s own discretion.

Please use the designated service center for repair.

When altered, disassembled or repaired at user' s own discretion, you cannot receive the repair service at free of charge.

Please use the genuine product of charger approved by our company.

If unapproved charger is used, a headset may be exploded or damaged.

Do not use nearby microwave or wireless LAN.

Since the same frequency is used, it may not operate properly or noise may be caused.

Do not wear the headset for long time or use at high volume for long.

It may cause harm to hearing ability.

FCC Compliance Information

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.

Information to User

NOTE: This equipment has been tested and found to comply with the limits of 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.

Cautions

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Exposure Statement: To insure the safety of users, the FCC has established criteria for the amount of radio frequency energy various products may produce depending on their intended usages. This product has been tested and found to comply with the FCC's exposure criteria.

What is Bluetooth?

Bluetooth is a wireless communication technique developed to connect cell phones and headsets within 10m of distance without using wires or electric chords.

Perfectly compatible with hands-free and MP3

Perfect STEREO MP3 with high quality of sound!

-Our headset provides Bluetooth version 2.0 specification. Unlike other company's mono headset, MP3 can be audible and stereo MP3 music with mono design can be enjoyed with perfect sound quality using an audio gender.

-With wireless connection with mobile phone, it provides the service of sending and receiving voice and sound.

-This product can be exported to Europe, China and Hong Kong etc.

Terminology

The following is a basic concept that you should get familiar with for effective use of Bluetooth headset.

1. What is profile?

Bluetooth is a protocol (communication regulation) for communication with other products. Bluetooth built-in mobile phone provides various profiles. Mobile phone manufacturers should embed special functions necessary for the concerned profile in the software installed in mobile phone to support the profile.

Headset Profile/Hands-Free Profile

A standard for communication with headset connected to mobile phone

Audio Transmission/Audio Remote Control Profile

A standard for listening of music from mobile phone

2. Types of Profile

Functions may vary depending on types.

Please select the profile suitable to functions to be used for registration of mobile phone.

Supporting Protocols

Headset Profile

Hands-Free Profile

Audio Transmission Profile

Audio Remote Control Profile

Function

Phone Call

Call Reject

Dial-Up by Voice

Play Music

Wireless Music Transmission Control

Cases that May be Caused under Certain Conditions

1. A malfunction or noise could be caused by radio wave interference with other equipment.

- If a human body part like hands touches the wave transceiver of headset, a malfunction or noise could happen.
- Due to radio interference objects such as wall, corner or partition, receiving signal strength might be varied so that noise could be generated depending on where a user is located.

2. As the distance is getting farther from mobile phone during a telephone call, the sound quality becomes bad and the phone call will be terminated as a call connection is interrupted.

3. When registering a headset to mobile phone, please do it in a close distance.

4. Functions may vary depending on the standard applied to Bluetooth. (The sound quality of our headset is excellent with stereo feature.)

- Instrument standard for special use: Signal reduction is small by obstacles between instruments due to high transmitting output while discharge rate of battery is comparably high.
- Instrument standard for common use: Signal reduction is large by obstacles between instruments due to low transmitting output while discharge rate of battery can be minimized resulting in use of a headset for a longer time.

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Ready for Use

This section describes what user should know before using of headset.

Check the Parts

Headset

User' s Manual

Cradle

USB charging cable

A charger

Earphone caps

Earphones

Ear guide

PWR/CALL button

Power, call, MP3 button

Name of Each Part

2.5→3.5 ChangeGender

3.5 Ear Jack Socket

Ear guide

Earphone caps

Buttons for Power, Communication, MP3

Volume +,-,

Buttons for Previous/Next Music

LED Lamp

Microphone

On/Off of Headset

Turn on the power before registration of headset to mobile phone.

How to turn on a headset

Press the PWR/CALL button for two full seconds and let it go. Then red and yellow LED flickers four times rapidly and the power is turned on.

How to turn off a headset

Press the PWR/CALL button for eight full seconds and let it go. Then red and yellow LED flickers four times rapidly and the power is turned off.

How to Charge Headset

A polymer lithium ion battery is built in the headset.

Please use the product after charging the battery in full.

Remember

While the battery is being charged, a red lamp is on, and when it's fully charged, a yellow lamp is on. It takes from 1 hour and 20 minutes to 1 hour and 40 minutes to charge a completely discharged battery.

Make sure to use warranted chargers. Unwarranted chargers can cause your cellular phone to be out of order or damaged.

While the battery is being charged, the cellular phone is disconnected and you cannot use a headset. Re-connect after the charge.

- Red: During Charge
- Yellow: Completion of Charge

How to charge a battery using a USB cable

How to charge a battery using a cradle

How to Wear

You can wear the ear guide installed in the headset regardless of its direction.

How to Store

1. Please store in a safe place with the power turned off all the time.
2. Please do not store in a high temperature above 50°C or under the direct sunlight or in a car etc. When stored in a high temperature, the product performance could be deteriorated and battery life could be shortened.
3. Please store the parts provided with the product in a dry place.

Registration/Connection

This section describes how to register the headset to mobile phone and to connect the registered headset to mobile phone.

Preparation for Registration

When you turn on the power of headset, it will be ready for registration as yellow lamp blinks.

How to Register

The headset must be registered to mobile phone for use.

The registration is a process to generate the connectivity between two devices with Bluetooth functions through verification of coded authentication.

1. Set the headset for registration standby mode(pairing mode).

- When you press the PWR/CALL button for five full seconds, a yellow lamp is on and your cellular phone is ready for the registration. If it's not paired in three minutes, it goes out of the pairing mode and the power turns off automatically.

2. Search the headset from mobile phone by referring the User's Manual of the phone.

-Example] After selecting the Bluetooth mode, please push the menu for searching of device you want to connect. (Refer to page 27)

- If the blue lamp is on when the power is turned on, it is the registration ready status

3. Select GB100 from the list in a mobile phone.

4. When password (or Pin Code) input screen is appeared on a mobile phone

Please input the password (initially set at 0000).

-Pin Code is a password to be input for registration of headset into Bluetooth of mobile phone.

- When it's not registered in three minutes in the registration standby mode, the standby mode is cancelled, and you need to restart from the beginning.

How to Connect the Headset

If you want to use the headset after registration or disconnection, it must be connected to the registered mobile phone.

- When you press the power button for two full seconds, a red lamp and a yellow lamp turn on/off simultaneously and then only a yellow lamp turns

on/off every seven seconds.

Search for the machine to which a cellular phone with Bluetooth can be connected, choose GB100 machine and press the enter button on your cellular phone.

Remember

Some models of cellular phones make an automatic connection after registration. If your cellular phone doesn't make an automatic connection, please connect the a headset using your cellular phone.

How to Use

This section describes the functions which can be used after connecting of headset with mobile phone.

How to make phone calls

1. How to make phone calls with recently contacted phone numbers

- Press the PWR/CALL button for one second and let it go to make a phone call. Most models of cellular phone first show the list of telephone numbers and then make phone calls to one of the numbers on the list when the button is let go of after one-second press.

2. How to make phone calls with voice

- Press the PWR/CALL button for a short time to make a phone call through voice recognition

How to receive phone calls

When you receive a phone call, your cellular phone rings. Press the PWR/CALL button for a short time and let it go to receive a phone call.

How to end a phone call

Press the PWR/CALL button for a short time and let it go during the phone call, then the phone call is shut down.

How to use other functions during phone calls

- How to switch to audio functions during phone calls

When your cellular phone is connected, you can hear voice through a headset. If you want to receive the voice through your cellular phone, press Vol+ key for five seconds. Then you can hear the voice from the headset through the speaker of your cellular phone. If you want to hear the voice from the speaker to the headset, press the PWR/CALL button for a short time, and you can receive the voice through the headset.

You can make phone calls using your voice only when your cellular phone offers a voice recognition function, and when a headset has been registered for the hands-free-service in your cellular phone.

How to refuse phone calls

Press the PWR/CALL button for one second and let it go when your cellular phone rings to refuse phone calls.

How to listen to music

1. Play/temporary stop function

- Press the PWR/CALL button for three seconds and let it go to play or temporarily stop music

2. Stop function

- Press the PWR/CALL button for five seconds and let it go to finish playing Music Player. However, some models of cellular phones stop music but don't shut down Music Player.

3. Forward music selection function on the list

- Press the VOL+ key for two seconds to play the next song

4. Backward music selection function on the list

- Press the VOL- key for two seconds to play the previous song

5. Volume control function

- Press the VOL+/- key for a short time to control the volume.

Appendix

The supported functions could be different from types of mobile phone. You can enjoy high quality of stereo sound using gender.

This section describes the battery hours for use, FAQ and headset standard etc.

Battery Charge and Standard Hours of Use

-The 3.7V of Polymer Lithium Ion Batter is built in this product and use a separate charger.

-Unlike a liquid battery, lithium polymer battery uses an electrolyte so that there is no risk of explosion. In addition, its weight is very light and it does not produce a heavy metal which pollutes the environment.

- When a battery is almost discharged, a red lamp flickers slowly and the cellular phone makes 'beep' sound. If your cellular phone is not charged, its power goes off automatically.

- The battery is a consumptive part and it wears out as time passes.

- The use hours of may be different according to state of charge, condition of us.

Frequently Asked Questions (FAQ)

Since Bluetooth can be used within 30 feet of distance (within 10m) at max., its function could be varied depending on the environment of its use.

Does the headset may impact on the electronics inside a car or radio or computer?

This product generates smaller amount of electric energy than general mobile phone and it follows the international Bluetooth standard signal regulation. Therefore, it does not impact on the electronics with standardized customer's rated product.

Can the headset be connected to the wireless phone used at home?

This product cannot be connected to the wireless phone used at home.

Can the headset be connected to Notebook Computer, PC or PDA?

If the version of Bluetooth is 1.0 and if they support the headset profile and hands-free files, it can be connected to them and used.

Can other Bluetooth users hear my telephone conversation?

When the headset is registered to the Bluetooth built-in mobile phone, it only works between these two devices. In addition, it is not easy to track down the phone conversation because the frequency power of wireless Bluetooth signal is lower than the one used in common mobile phone.

Is the battery replaceable when the built-in battery of headset is run out?

It cannot be used during being charged.

Is it possible to use the headset during charge?

It can be used during charge.

Charge is not completed.

There is a possibility of improper connection between headset and charger. Please disconnect and then re-connect for charge.

Battery working hours is different from what the Manual says.

The battery is a consumptive part and it wears out as time passes. The battery life can be shortened if left in a high or low temperature environment.

A sound is ringing during phone conversation.

Please adjust the volume or use it after re-locate the headset.

Can I reset a headset?

When you insert the charging plug, the headset is reset and it becomes disconnected.

Product Standard and Features

Name of product: Wireless Device for Data Communication System (GB100)

Bluetooth Standard: Bluetooth V2.0 Stereo Headset

Transmitting Output: Class 2

Frequency in Use: Sending/Receiving 2.402 ~ 2.480Ghz

Distance for Use: Max. 30 Feet (within 10m)

Hours at Waiting Mode without Pause: Longer than 70 hours

Hours for Continuous Call: 5 hours

Hours for Continuous Music Play: 4 hours

Battery: Lithium Polymer Ion Battery

Battery Charging Hours: 1hour 20minutes ~ 1hour 40minutes

Rated Input of Adaptor: AC 100 ~ 240V, 50~60Hz

Rated output of Adaptor: DC5V, 480mA

Exterior (Body): 20.4mm(W) * 62.6mm(D)* 11.2mm(H)

Exterior (Gender): 16.2mm(W) * 24.5 mm(D)* 11.mm(H)

Weight: Main 14g, Sub 5g

Rx sensitivity: -80 dBm

Supported Profile: Audio Transmitting Profile, Hands-Free Profile, Audio Remote Control profile

Operating Temperature: -10 ~ 50℃

Warranty of Product

Model

Manufacturing No.

Client' s Name

Client' s Phone No.

Client' s Address

Location of Purchase

Store' s Phone No.

Store' s Address

Purchase Date

Year/Month/Day

1. Product Warranty Period – 6 Months

-Since a warranty period at free of charge starts from the date of purchase, please receive the written statement with purchase date described in it.

(If the purchase date is difficult to be identified, warranty period starts from 3 months after the manufactured date.)

2. Service at Free of Charge

-If trouble in performance or function is caused during normal operation within 6 months after purchase (warranty period), free service will be provided.

-If a main defect is discovered within 30 days after purchase, the product will be exchanged or refunded.

3. Service at Charge

-When a trouble is caused by user's mistake: When a trouble is caused by user's mishandling, repair or alteration. When a trouble is caused by persons other than salesperson or service center technician. When a product is broken or damaged by dropping it after installation. When a malfunction is caused by abnormal condition in power or a defect is discovered in a connected device.

-**Other Cases:** A trouble caused by natural disaster (fire, damage by seawater, damage by water).

-**Cases other than Malfunction:** Please read the User's Manual since charge may be applied upon request of service.

(In case of impossible for repair, it follows the separate criteria)

-**If a life of consumptive parts becomes run out, repair service at free of charge will not be provided.**