

## 1. Introduction

wiREVO Headset BHE20 will lead you to the mobility. BHE20 allows you freedom to make and receive calls while on the move or in the office. The main function of wiREVO BHE20 is as follows;

- Wireless Hands-free

Read this user's guide carefully before using the Headset.

### **Bluetooth Wireless Technology**

wiREVO BHE20 is specially designed for any compatible Bluetooth devices that support the following profiles. (Profile is a set of Bluetooth commands that the devices use to control the headset.)

- Hands-free profile
- Headset profile

The Bluetooth technology makes it possible to connect compatible communication devices without using cables. The Bluetooth connection does not require that the phone and the Headset are in line of sight, but both devices should be 10 meters of each other, although the connection can be subject to interference from obstructions, such as walls, or other electronic devices.

BHE20 is compliant with and adopts the Bluetooth Specification 1.2. For more information on the compatibility between wiREVO with other Bluetooth-enabled products, please check with your dealer.

### **(Limited Liability)**

Neither the Manufacturer, importers nor dealers is responsible for any accidental damage including bodily injury or any damage resulting from misuse or unsuitable operation by you. The information on this manual is prepared with the current headset specifications. The manufacturer, wiREVO, is adding new features to the product and may persistently apply new technologies hereafter. All standards may be changed at any time without notice.

## 2. Guidelines for your safety

Before use, read the warnings and other information in this manual.

Please check for any information on RF exposure in usage of Bluetooth headset.

When your headset is turned on, it transmits and receives radio frequency electromagnetic fields in the frequency range 2.402 ~ 2.480 GHz. Your headset is designed to operate in compliance with the RF exposure guidelines and limits that are set by national authorities and international health agencies when used with any compatible devices.

### **[Headset]**

- Do not touch your headset and power plug with damp hands.
- Do not kink or crease the power cable or place heavy objects on the power cable.
- Firmly plug the adapter into the wall socket.
- Unplug the adaptor during electrical storms.
- Do not overload a single power circuit.
- Use only the supplied adaptor.
- Unplug adapter when it's not in use.
- Immediately power off the headset and unplug the adapter if water or other liquids are present.
- Immediately power off the headset and unplug the AC adapter if smoke or odors emits from the headset or adaptor.

  

- Keep the Headset dry. Humidity and all types of liquids or moisture can cause harmful interface with electronic circuits.
- Do not place heavy object on the device.
- Store the Headset at room temperature. Unstable temperature can cause serious damages, such as shortening the life of electronic devices, damaging batteries and other particular plastic substances.
- Do not use harsh chemicals, cleaning solvents, water or strong detergents to clean the Headset. To clean external surfaces, use a clean dampened cloth.
- Do not use excessive force on the buttons or attempt to disassemble the device.
- Do not drop or subject the device to impact.
- Do not paint the Headset. Paint can clog the moving parts and prevent proper operation.
- Keep the headset away from strong magnets.
- Do not disassemble or modify.
- Do not dry the headset with heater or microwave.

  

- Keep all accessories out of the reach of small children.
- Reduce volume or stop using the headset if your experience a ringing in your ears.

### **[Battery]**

Your headset is equipped with a high-performance Lithium polymer battery. Observe the maintenance guidelines and your battery should give you a long service life.

- Use batteries and chargers only provided and approved by Hassnet.
- The batteries are consumables and will eventually wear out.
- Avoid charging in strong heat or extreme cold. Ambient room temperature is preferable. The battery has its optimum performance at an ambient temperature (+5 °C to +50°C).
- Never replace the battery by a non-approved battery.
- Never try to open the battery as it contains substances that might be harmful if swallowed or allowed to come into contact with unprotected skin.

# Before Using the headset

## 1. What's in the box?



헤드셋(본체)

전원 어댑터

사용 설명서

## 2. Features at a glance

FRONT / BACK

## 3. Putting on the headset



This is designed to be used for both ears. In a box, it's set to be used for a right ear.

## 4. Fixing a ear-loop



- Hold the earloop and pull to the direction of arrow to detach it from the body.
- Overturn the detached ear-loop as image.
- Fix the overturned ear-loop to the direction of arrow.

## 5. Charging

Before using the headset for the first time, make sure the headset is fully charged. The indicator light will turn to Blue when the battery is fully charged.



- Plug in the charger to the headset.
- When the battery is fully charged, the indicator light is turned to Blue.
- It takes about 2 hours to fully recharge the battery.

#### **Low battery indication**

- The headset will generate repeated warning beeps every 10 seconds.
- The indicator blinks three times in Red.
- As soon as you detect the low battery you should charge the headset.
- When you hear the beep during a call, it's better to transfer the call to your mobile phone as soon as you can.

# Pairing/Connecting the headset

## 1. Turning the headset ON/OFF

### To turn the headset on:

- Press and hold the Power/Talk (그립)button for more than 5 seconds.
- The indicator blinks in blue and you will hear a *do-re-mi* tone.
- The headset is now turned on.



#### [Note]

##### [PAIRING MODE]

When the headset is turned on for the first time, it will automatically be ready for pairing: When this happens, the headset indicator light flashes blue every 1 seconds.

##### [CONNECTABLE MODE]

Once your headset has a history of pairing with your phone, and the headset is turned on, the indicator will flash blue, every 3 seconds.

### To turn the headset off:

- Press and hold the Power/Talk (그립)button for more than 5 seconds.
- The indicator blinks in blue and you will hear a *mi-re-do* tone.
- The headset is now turned off.

## 2. Paring the headset with a phone

### When you use the headset for the first time

You will need to pair the headset with the phone that you intend to use it with.

- If the headset is turned on for the first time, it will automatically be ready for pairing. In this case, the headset indicator light flashes blue every 1 seconds.
- Prepare your phone according to the phone's user manual on pairing.
- Continue following the instructions in the phone's user manual.
- The default passkey of the headset is **[0000]**.
- When pairing has been completed, the headset indicator light flashes blue every 3 seconds.

[Note] Some phone models go to the connection step automatically after

pairing with the headset. In this case, the indicator light flashes blue once every 5 seconds. It's dependent on phone models.

**[Note]** It's better to try to pair your headset with the phone close-by.

**[Note]** Once you have paired your headset with the phone, you don't need to pair it again until you want to use it with another phone.

**[Note]** In a pairable mode, if the headset is not paired with a mobile phone for 3 minutes, the headset will be turned off automatically.

### **When you want to use it with another phone**

When you want to use your headset with another phone that isn't the phone that you paired your headset with, you need to pair it again.

- Press and hold the either the Volume Down (그립) button or' Volume-down' button and Power/Talk (그립)button for 3 seconds together. Then, the headset indicator light flashes blue every 1 seconds and your headset is now ready for paring.

### **PICTURE**

- Prepare your phone according to the phone's user manual on pairing.
- Continue according to the instructions in the phone's user manual.
- The default passkey of the headset is **[0000]**.
- When pairing has been completed, the headset indicator light flashes blue twice every 3 seconds.

### **Automatic re-connection**

If you set your headset as a automatic re-connection mode, your headset will be re-connected automatically within 10 m with your mobile phone after disconnected with your phone.

- To set the automatic re-connection mode, press Volume-Up (그립) button and Volume down (그립) button together.
- To cancel the automatic re-connection mode, press Volume-Up (그립) button and Volume down (그립) button together.

# Using the headset

## **Answering calls**

- When a call is received you will hear the ringing through the headset and the indicator flashes blue.
- Press the Power/Talk (그림) button to accept the call.
- To end the call, press the Power/Talk(그림) button.

## **Rejecting calls**

- To reject calls, press either the Volume Up (그림) button or Volume Down (그림) button.
- For this function to work, you mobile phone needs to support the reject function.

**[Note]** The reject function is possible when the Headset is connected to a mobile phone based on a Hands-free Profile, not a Headset Profile.

## **Making calls using your mobile phone**

### **[using your mobile phone]**

Make sure that your headset is connected to your mobile phone by checking your headset indicator flashes blue every 5 seconds.

- Using the phone's keypad, dial the required number.
- Send the call from the phone (Phone initiates the call.)
- The call will automatically transfer to the headset. But for some phones, you must press the Power/Talk (그림) button for 3 seconds to make the call transfer to the headset. Please refer to your phones user guide.
- To end the call, press the Power/Talk (그림) button.

### **[using the re-dial function for the last call]**

- With your headset, you can re-dial the last call dialed or received.
- Press Power/Talk (그림) button.
- After you hear the short beep, you will hear the dialing tones from speaker.
- To end the call, press Power/Talk (그림)button.

### **[using Voice dialing]**

- To make calls using your headset, your mobile phone needs to support voice dialing and the feature must be activated.
- Press Volume Up button or Volume Down (그림) button for 3 seconds and you can hear a short beep. Voice dial as you normally would.
- To end the call, press the Power/Talk (그림)button.

**[Note]** It is dependent on a mobile phone's function and is possible when a mobile phone supports a Hands-free profile.

## Transferring calls

- To transfer the phone call between your phone and your headset or vice-versa, while on the line, press the Power/Talk (그림) button for 3 seconds.

### [Note]

Call Transfer	Headset Profile	Hands-free Profile
To a Headset	Short press Power/Talk (그림)button	Press Power/Talk (그림)button for 3 seconds
To a Mobile Phone	Depends on a mobile phone's function and cannot be operated by a headset	

## Adjusting the volume

You can adjust the headset speaker volume during a phone call, using Volume Up button or Volume Down (그림) button. The headset has the middle volume level as its default.

- To increase the volume, press Volume Up button.  
You will hear a low beep when you have reached the highest volume level.
- To down the volume, press Volume Down (그림) button.  
You will hear a low beep when you have reached the lowest volume level.

## Muting the Microphone

During a phone conversation, you can mute the microphone of your headset.

- During a call, press the Volume Up (그림) button and Volume Down (그림) button together for 3 seconds.
- You can hear a low tone every 3 seconds while the microphone is turned off.
- To resume your call, press either the Volume Up button or the Volume Down (그림) button.

# Audio & Visual Indicators

## Indicator Light Chart

State of Headset	State of Indicator light
In process of Power Off	Blue blink
Power Off	Off
In process of Power On	Blue blink
Pairing Mode	Flashes Blue every 1 seconds
Connectable Mode	Flashes Blue twice every 3 seconds
Connected Mode	Flashes Blue every 5 seconds
Incoming call	Flashes Blue
On the line	Off
Charging in process	Red is on
Charging complete	Blue

## Beep Tone Chart

State of Headset	Beep Tone
In process of Power Off	Mi-Re-Do tone
In process of Power On	Do-Re-Mi tone
Success Mode Change	Single low tone
Starting Talk mode	Single low tone
Incoming Call	Ring tone
Low Battery Warning	Three rapid high tones repeated every 10 seconds
Volume Upper Limit	Repeated single low tone when upper limit achieved
Volume Lower Limit	Repeated single low tone when lower limit achieved

# Specification & Certifications

## 1. Brief Specification

Bluetooth Compliance	Bluetooth 1.2 with Headset Profile & Hands-free Profile
Frequency Range	2.402 ~ 2.480 GHz
Transmission output power	0.25 ~ 2.5mW
Maximum Cordless Distance	30 feet (10 meters)
Dimension of Headset	58mm * 21mm * 12mm
Weight of Headset	12.47g
Operating Temperature	-20 ~ 50 °C
Relative Humidity	0 ~ 95%
Typical Standby time	150 hours
Typical Talk time	6 hours
Typical Recharging time	2 hours
Battery Type	Rechargeable Lithium Polymer
Charger Rated input	AC 100~240V, 50/60Hz
Charger Rated output	DC 5.2V, 0.6A

- Talk time and Standby time are dependent on phone models.

## 2. Certifications

**CE** This Product is CE marked according to the provisions of the R&TTE Directive 1995/05/EC. Hereby, Hassnet, declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1995/05/EC. For more information please consult <http://www.wirevo.com>.

**B** BLUETOOTH is a trademark owned by the Bluetooth SIG, Inc.

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

## Thank You.

To receive sales literature and technical assistance, please contact Wirevo, Inc.  
Contact: [sales@wirevo.com](mailto:sales@wirevo.com)  
[support@wirevo.com](mailto:support@wirevo.com)

Wirevo, Inc.

주소

Visit our Web site at [www.wirevo.com](http://www.wirevo.com)

Printed in Republic of Korea