

# User Manual

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Change History

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1.0	2003-1-13	Draft

# Table

1. Definition.....	4
1.1 Glossary	4
1.2 Usage Spec.....	4
2. Figure .....	5
2.1 Headset	5
2.2 Audiogate	5
3. Using Guide .....	6
3.1 Turning the Headset and Audiogate on	7
3.2 Receiving a call	8
3.3 Making a call	9
3.3.1 Headset connection and digit sending	9
3.3.2 Digit sending and Headset connection	10
3.4 Hanging up a call	11
3.5 Changing a device	12
3.5.1 Changing to Mobile phone during talking over the Headset	12
3.5.2 Changing to Headset during talking over the Mobile phone.	12
3.6 Turn off Headset and Audiogate	12
3.7 Using Headset with another bluetooth device	12
3.7.1 Using Headset with Mobile phone having Bluetooth chip	12
3.7.2 Paring the Headset form Mobile phone having Bluetooth to Audiogate	13
3.8 Low Battery indicator	13
3.9 Audio Signal	13
3.10 Volume control.....	13
4. Trademark	14
5. FCC	15

## 1. Definition

Bluetooth : The Wireless Personal Area Network(WPAN) technology which transmits audio and data within short range through Radio Connection without using cables .

### 1.1 Glossary

Terms	Description
Audio gate	Device which is connected to mobile phone and transmits audio of the mobile phonel.
Headset	Device which communicates with Bluetooth adapter and transmits user' s voice.

### 1.2 Usage Spec

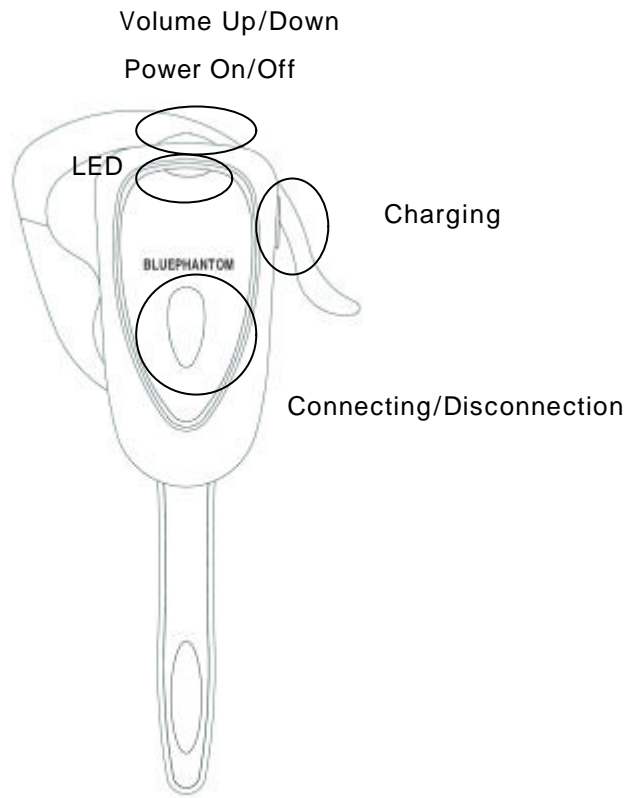
Operation distance : Indoor 3 M, Open Field 10M

Operation time : 340 min

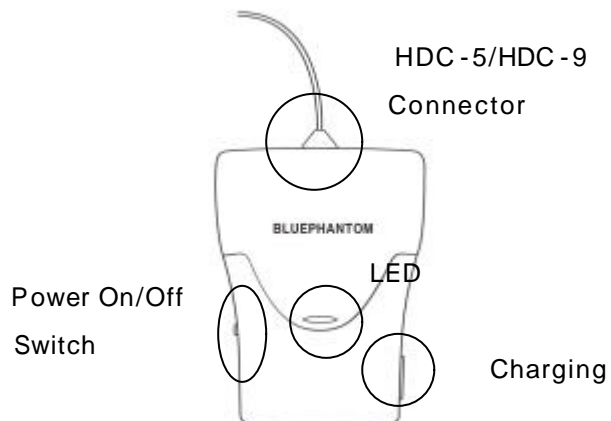
Charging time : 158 hours

## 2. Figure

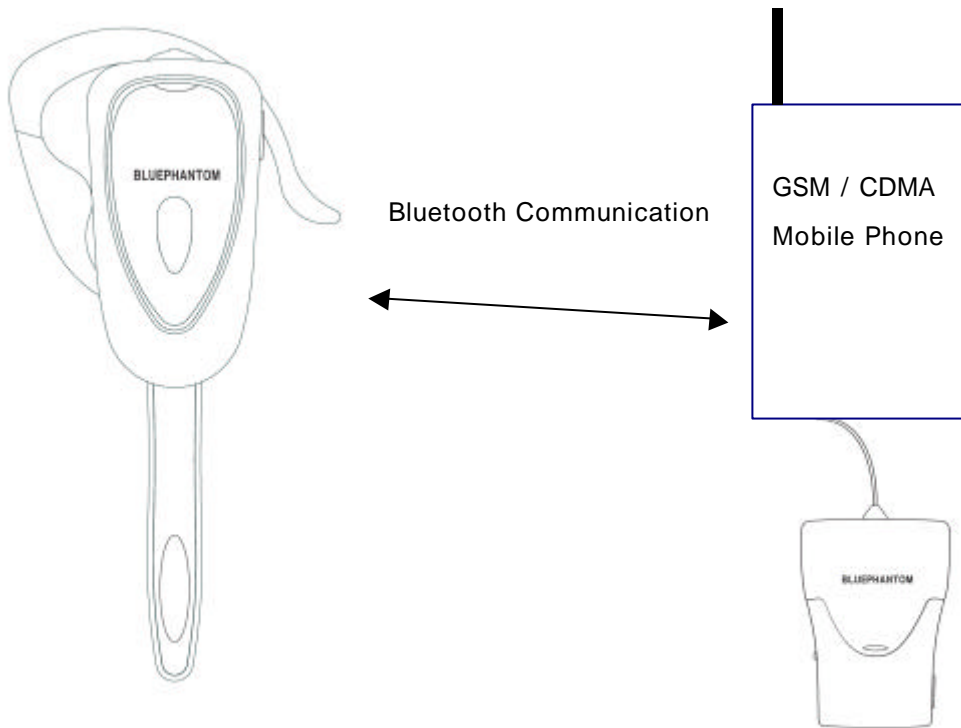
### 2.1 Headset



### 2.2 Audiogate



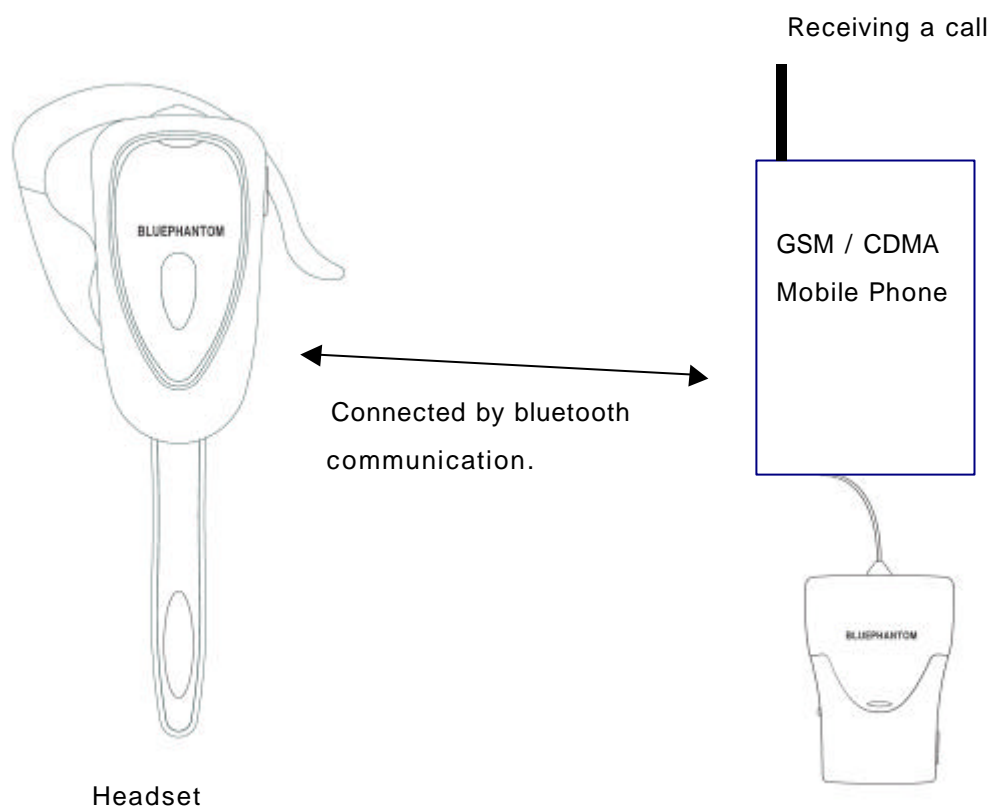
### 3 Using guide



### 3.1. Turning the Headset and Audiogate on

- 1) Press the power button of the Headset, and it sounds a “ding-dong-dang” and the green LED flashes on and off at intervals of 1second.
- 2) Connect the Ear Jack of the Audiogate to Ear Jack port of mobile phone.
- 3) Press the power button of the Audiogate, and the green LED flashes on and off at intervals of 1~1.5 seconds.
- 4) After 4~7 minutesThe initialization is over normally, it sounds a “ding-dong-dang” from Headset and then the communication between Headset and terminal becomes possible and the green LED flashes on and off at 3 second intervals.

### 3.2 Receiving a call



- 1) The phone is ringing, but **the ring isn't heard at the Headset.**
- 2) While the mobile phone is ringing, press the "connection" button of the Headset, and it sounds a "ding".
- 3) The communication channel between the mobile phone and the Headset is connected. And then the LED is on continuously instead green LED flashes at 3 second intervals and it sounds a "ding-dong".

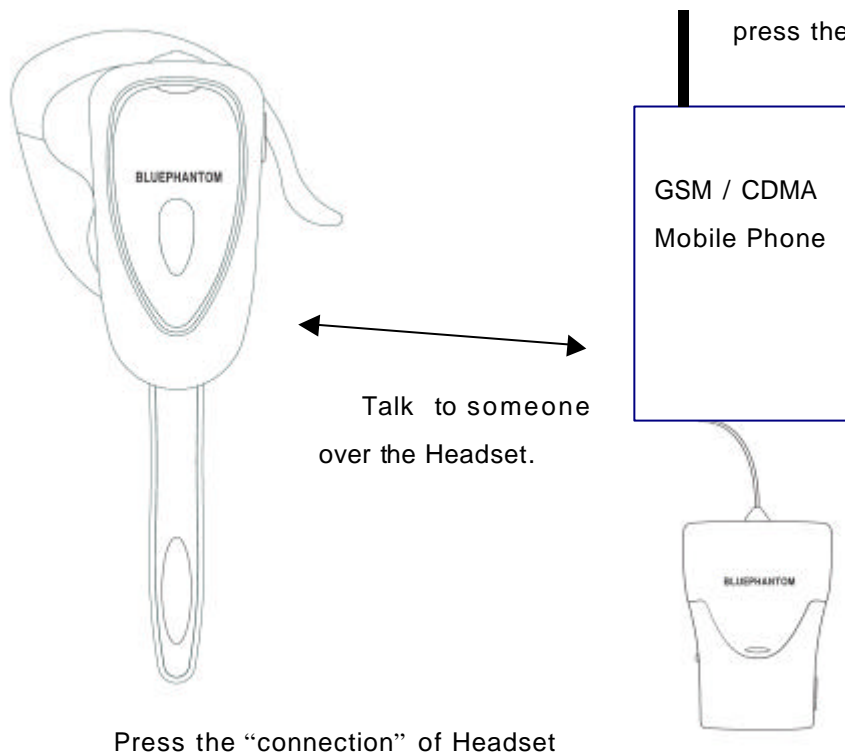
Talk to someone over the Headset. During communication LED is on continuously.



### 3.3 Making a call

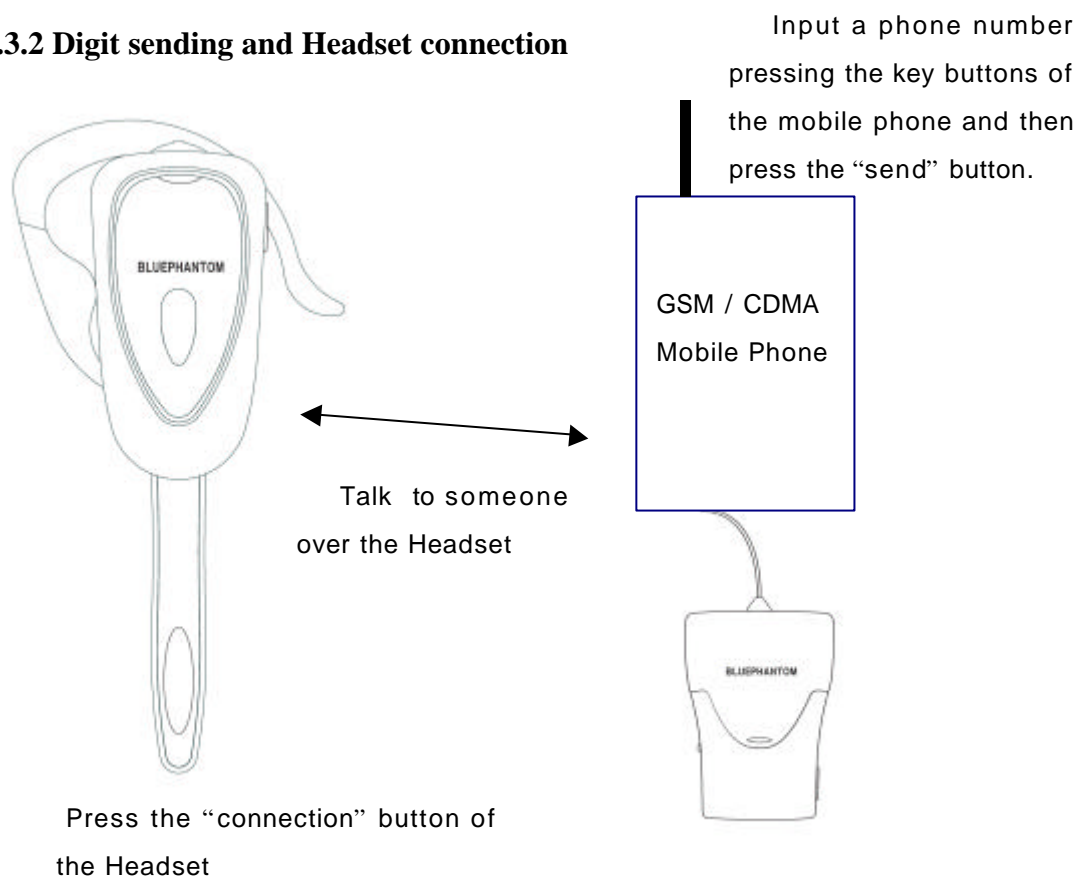
#### 3.3.1 Headset connection and digit sending

Press the phone number on key button of mobile phone and then press the “send” button.



- 1) Press the “connection” button of the Headset and it sounds a “ding”
- 2) The communication channel between the mobile phone and the Headset is connected. And then the Green LED is on and it sounds a “ding-dong”.
- 3) Press the phone number on key button of mobile phone and then press the “send” button.
- 4) Talk to someone over the Headset.

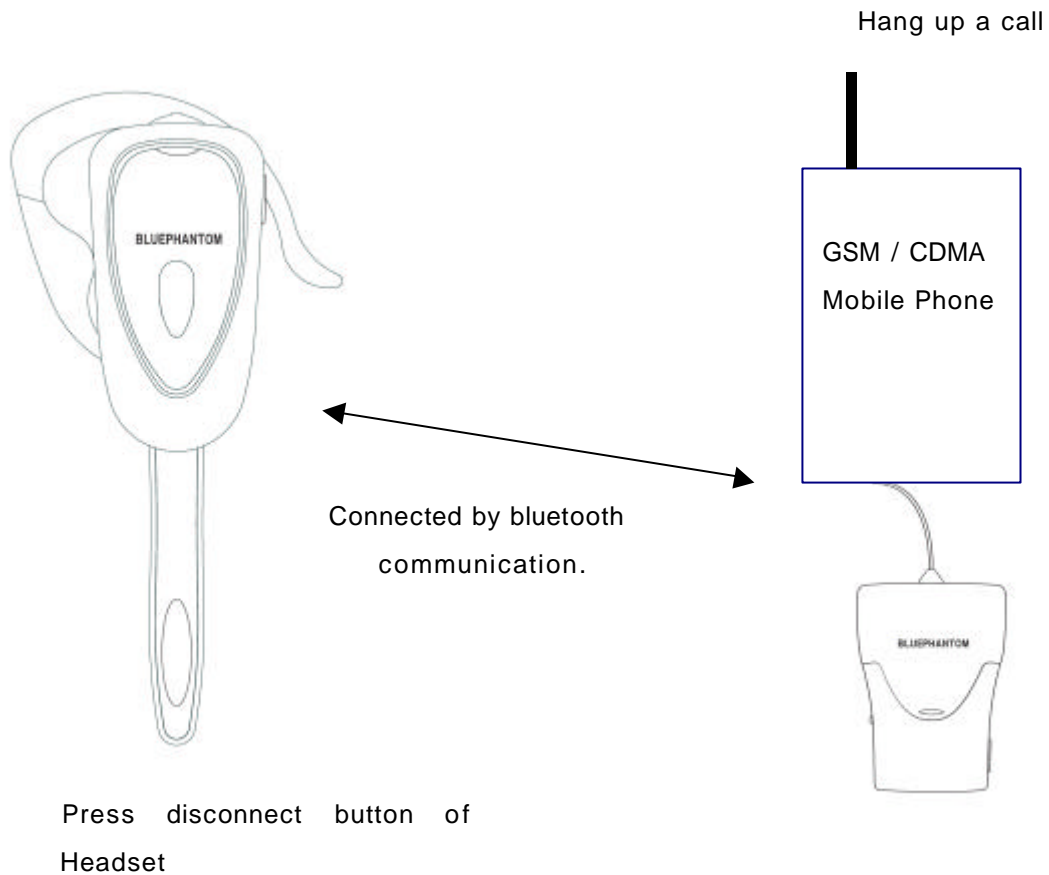
### 3.3.2 Digit sending and Headset connection



- 1) Input a phone number pressing the key buttons of the mobile phone and then press the “send” button.
- 2) Press the “connection” button of the Headset and it sounds a “ding” .
- 3) The communication channel between the mobile phone and the Headset is connected. And then the LED is on and it sounds a “ding-dong”.

Talk to someone over the Headset. During communication green LED is on continuously.

### 3.4 Hanging up a call



- 1) If a call is finished, press the “connection” button of the Headset shortly.
- 2) The communication channel between the mobile phone and the Headset is disconnected. And green LED flashes on and off at intervals of 3~4 seconds. The terminal turns to idle state.

### **3.5 Changing a device**

#### **3.5.1 Changing to Mobile phone during talking over the Headset**

- 1) Talk over the Headset.
- 2) To talk over the mobile phone, separate the Audiogate from the mobile phone.
- 3) Talk over the mobile phone.

#### **3.5.2 Changing to Headset during talking over the Mobile phone.**

- 1) Talk over the mobile phone.
- 2) To talk over the Headset, insert the Audiogate into the Ear Jack port of the mobile phone.
- 3) Turn on the Headset and Audiogate.
- 4) Press the “connection” button of the Headset and audiogate (see section. 3-1), it is possible to talk over the Headset.

### **3.6 Turn off Headset and Audiogate**

- 1) Slice down the button of Audiogate to turn off.
- 2) To turn off the headset press down and hold down the Volume Up/Down button (power button) for 3 seconds until it sounds “Ding Dong” .

### **3.7. Using headset with another bluetooth device**

#### **3.7.1 Using headset with Mobile phone having bluetooth chip.(Without separate Audiogate)**

- 1) Press Volume Up/Down button (Power button) for 3 seconds and it sounds “Ding Dong Dang” and then “beep” .
- 2) “Beep” sound means the mobile phone discover the headset.
- 3) Green LED and Red LED is blinking by turns.
- 4) Check the mobile phone display and follow any instruction.

### 3.7.2 Pairing the headset from Mobile phone having bluetooth to Audiogate

- 1) While the headset is paired with mobile phone with bluetooth, press Volume Up/Down button (Power button) for 3 seconds and it sounds “Ding Dong” and then “Ding Ding Ding”.
- 2) And then press press Volume Up/Down button (Power button) until it sounds “Ding Dong Dang”.
- 5) “Ding Dong Dang” means the headset is connected to the audiogate that were packed with headset when you purchased this products .

### 3.8 Low Battery Indicator

- 1) If the headset is short of battery, it sounds a “ding-dong-ding-dong” at proper intervals.
- 2) Red LED is blinking at 3 seconds intervals .

### 3.9 Audio Signal (Headset Speaker)

- 1) Ding Dong Dang : When Idle (Before connection to audiogate))
- 2) Ding Dong : when connection is done  
when Headset turn off
- 3) Ding : when press the connection button of Headset,  
when press volume Up/Down button
- 3) Beep : when delete Pairing information and enter idle mode( see section 3.7.1)
- 4) Ding Ding Ding : Default Dongle (3.7.2).
- 5) Ding Dong Ding Dong : Low Battery

### 3.10 Volume Control

The volume of the Headset is controlled by handling the Volume control button.

The changed Volume is stored at memory.

## 4 Trademark

Windows™s a trademark of the Microsoft Corporation

BluePhantom™s a trademark of GENEX Telecom Co., Ltd.

## Appendix

### Audio & LED indicators

Headset state	Audio indication	LED indication
Power On	Ding Dong Dang	
Linked (Stand by mode)	Ding Dong Dang	Green LED at 3 seconds intervals
Pairing Failed		Green LED and Red LED is blinking by turns
Power on but is not linked to mobilephone( Pairing successful)		Green LED at 1 second intervals.
Disconnected	Ding Dong Ding Dong	Green LED at 1 second intervals.
Talking over the mobile phone		Green LED continuously
Connecting	Ding Dong	
Power off	Ding Ding	
Press button	Ding	
Low battery	Ding Dong Ding Dong	Red LED at 3 second intervals

**NOTICE:**

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 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.

**NOTICE:**

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and  
this device must accept any interference received, including interference that may cause undesired operation.

**WARNING:**

Changes or modifications made to this equipment not expressly approved by Genex Telecom Co.,Ltd may void the FCC authorization to operate this equipment.

The radiated output power of **GBH-200** is far below the FCC radio frequency exposure limits. Nevertheless, the **GBH-200** shall be used in such a manner that the potential for human contact during normal operation is minimized.