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## Bluetooth Headset (GHSBTC)

### **Quick Start Guide**

## Product Parts



**1. Talk button (Power/MFB)**

**2. Volume up button**

**3. Volume down button**

**4. OLED Display**

**5. LED indicator**









# Man Machine Interface

## 1. Button Function

Button	Action	Function
<b>1. Talk</b>	Short Click	Answer an incoming call
	Short Click	Voice recognition dial
	Short Click	To establish an RFCOMM with a paired AG if the headset is in standby mode.
	Short Click	Hang up an active call
	Press and hold for longer than 2 seconds	Audio Transfer from AG to Headset or from Headset to AG
	Press and hold for longer than 2 seconds	To send "Last Number Redial" request to AG if RFCOMM is established and the running mode is Handsfree.
	Press and hold for longer than 2 seconds	To Reject the incoming call if the headset is running in Handsfree mode and there is an incoming call
	Press and hold for longer than 5 seconds	Power on the headset if it is currently OFF.
	Press and hold for longer than 5 seconds	Power off the headset if it is currently ON.
<b>2. Volume UP</b>	Short Click	To increase the volume
<b>3. Volume Down</b>	Short Click	To decrease the volume
<b>4. Talk and Volume UP</b>	Short Click	Show Bluetooth status in OLED display

Button	Action	Function
	Press and hold for longer than 2 seconds	Show battery status in OLED display
<b>5.Volume UP and Volume Down</b>	Press and hold for longer than 2 seconds	Enter pairing mode if the headset is in standby mode

## 2. OLED Display

#	Display Icon	Function	COMMENT
1	0123456789	Caller ID	If exceed 10 digits, display each 3 sec
2		Standby mode	7 sec display time and rolling.
3		Connection established	7 sec display time and rolling
4		Connecting As Master	Soon disappear if connecting fail/Success or 30 sec display time if AG no authorization , and rolling
5		Ring or SCO connection established	If no caller ID, 7sec display time and rolling
6		Pairing mode	30 sec display time and rolling
7		Adjusting volume	5 sec display time
7		Battery Status	5 sec display time and rolling for each battery status
8		Charging	Motion Icons, and fix if full-charged

## 3. Sound Indicator

#	Action	Sound played
1	Power ON	Ascending melodic; (Do-Fa-Si)
2	Power OFF	Descending melodic; (Si-Fa-Do)

#	Action	Sound played
3	Press Talk button for 2 seconds	2 beeps. (Do Do).
4.	Press Talk and V+ button for 2 second	2 beeps. (Do Do).
5.	Press V+ and V- button for 2 seconds	2 beeps. (Do Do).
6	Volume level reaches the max/Min	2 beeps
7	Active Connect to AG Fail	1 beep (Do)
8	Ring tone (Out-of-Band Ring)	Ascending melodic; (Do-Ra-Mi-Fa-So-La-Si-Do)
9	Low Battery Indicator	1 beep(Do) every 5 sec
10	Pair Operation Fail	1 beep (Do)

#### 4. LED Indicator

#	Event	Flashing Pattern	COMMENT
1	Power on	Flash 6 times ON (250ms) OFF (250ms)	Only applied when user power on the system.
2	Pairing	ON(300ms) OFF(300ms)	If any mobile devices paired exists, headset will do auto connection first. After auto connection, then pairing function will be workable
3	Standby	ON(100ms) OFF(4900ms)	N/a
4	Connecting as Master	N/a	N/a
5	RFCOMM connected	ON(100ms) OFF(1900ms)	N/a
6	SCO Connected	ON(1900ms) OFF(100ms)	N/a

#	Event	Flashing Pattern	COMMENT
7	Press and hold for longer than 2 seconds	Flash 2 times ON (250ms) OFF (250ms)	To indicate user to release button, and then long press function will be workable
8	Press and hold V+ and V- for longer than 2 seconds	Flash 2 times ON (250ms) OFF (250ms)	To indicate user to release button, and then Pair operation will be executable

## Operation

### . Charging the battery

Before using the Bluetooth headset, you will have to charge the battery.

1. Plug the USB cable into the mini USB port situated at the back of the headset and plug the other end into your computer's USB port.
2. When charging, the headset will automatically POWER ON, and BLUE LED will always ON, and OLED display will show the **ON**, and OLED display will show the charging motion icon.
3. The LED will turn off after the battery is fully charged and OLED display also show the full-charged icon.
4. After the battery is fully charged, it will perform best.

#### *NOTE:*

**a. The headset will work while it is charging**

**b. Please charge approximately 2.5 hours before initial use.**

### . System Power ON / OFF

To POWER ON:

Press and hold the Talk button for at least 5 seconds when the Headset is in power OFF mode. Once the Headset is powered on, the OLED display will show **ON** and the BLUE LED will flash 6 times and an ascending melodic tone (Do-Fa-Si) will be played. If users first use the Headset, it will enter the Pairing mode automatically. If Users have more than one paired AG already, After power on, the Headset will connect to the last paired AG automatically.

To POWER OFF:

Press and hold the Talk button for at least 5 seconds when the Headset is in power ON mode. The OLED display will show **OFF** and a descending melodic tone (Si-Fa-Do) will be played before the Headset is powered off.

**NOTE: if there is a charger plugged in, the system won't be able to be powered off.**




## **. Pair with a Mobile phone AG**

To Enter Pairing mode:

1. Make sure the Headset is in Standby Mode, it means the Headset didn't connect with any AG
2. Please make sure the Headset finish Active Connect to AG after POWER ON if the Headset has more than one paired AG already
3. Press and hold V+ and V- button for 2 seconds to enter pairing mode.
4. Operate the Mobile phone AG to perform the pairing process. The PIN code is **0000**.

The Headset will go into pairing mode when user press and hold V+ and V- button for 2 seconds. User can then operate the Mobile phone to search available Bluetooth device, and the device name will be "**GHSBTC**", and then do the bonding process. The fixed PIN code for the HS/HF is **0000**.

## **. OLED Display Information**

1. Press and hold Talk and V+ button to indicate the Bluetooth status, as  standby,  connected, or  ring SCO connection.
2. Press and hold Talk and V+ button for 2 seconds to indicate the battery status

## **. Establish a RFCOMM Connection with a Paired AG**

1. Make sure the Headset is in Standby Mode.
2. Press the TALK button.

**NOTE: if there is RFCOMM Connected, we didn't support normal disconnection from the Headset**

## **. Answer an incoming voice call**

1. The Headset plays a RING tone whenever there is an incoming call. Press the TALK button will answer the incoming call.

## **. Hang up an ongoing voice call**

1. The Headset has an active call.
2. Press Talk button will hang up the call.

### **. Voice recognition Dial**

1. Make sure the Headset has a RFCOMM connection with an AG.
2. Press the Talk button for will activate the voice dial functionality in AG -if it is supported in the Mobile phone, and any voice record will be prepared in the Mobile phone in advance.
3. Speak the name on headset.

### **.Adjust the Volume**

1. Make sure the Headset has an RFCOMM connection with an AG (in HandsFree mode) OR there is an SCO connection with an AG (in Headset mode).
2. Press the VolumeUP/VolumeDown Button to adjust the volume.

### **.Audio Transfer from Headset to AG**

1. Make sure the Headset is on an active call.
2. Press and hold Talk button for 2 seconds of the Headset.

### **.Audio Transfer from AG to Headset**

1. Make sure the Mobile phone AG is on an active call.
2. Press and hold Talk button for 2 seconds of the Headset.

### **. Last Number Redial in HF mode**

1. Make sure the Headset has an RFCOMM connection with an AG (in HandsFree mode) OR there is an SCO connection with an AG (in Headset mode).
2. Press and hold the TALK button for 2 seconds will request the Mobile phone AG to perform the last number redial functionality. The feature is only supported in HF mode.

### **.Reject Incoming Call in HF mode**

1. The Headset plays a RING tone whenever there is an incoming call.
2. Press and hold the TALK button for 2 seconds will Reject the incoming call.

## **Federal Communications Commission (FCC) Statement**

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

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.

Operation is subject to the following two conditions:

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.