

Shenzhen Higi Technology Co.,LTD

User manual

FCCID: 2AKSC-GH

Name	Wireless headset
Model	BH101

➤ Change history

Version	Date	Person	Remarks
V0.1	2015-11-12	CYX	First release
V0.2	2016-6-17	CYX	1,update standby time; 2,update PCB draw

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➤ Product feature

- Bluetooth Compatible Specifications: V4.1
- Operating Frequency Band: 2.402GHz~2.480GHz unlicensed ISM Band
- Output Power: Class 2 Power Output, up to 10 meters
- Support Profiles: HSP1.2,HFP1.6,AVRCP1.4,A2DP v1.2
- Support SBC,APtX codec
- Voice prompt
- Battery Used: 90mAh (Rechargeable Lithium Polymer), 3.7V DC
- L30.0mm*W6.5mm*T4mm
- Play Music time: up to 5Hours
- Standby time: up to 200 hours
- Charger time: about 2hours

➤ Product appearance



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➤ Operation

Turning ON/OFF

To turn on the BT HEADSET

When BT HEADSET is under off mode, press and hold the “**MFB**” button 2 seconds until you hear “Power On” and blue LED light 1 5.second.

To turn off the BT HEADSET

Press and hold the “**MFB**” button 4seconds until you hear “PowerOff” and red LED light 1.5 second.

When losing the connection. The BT HEADSET will be automatically turned off in 5 minutes later.

Pairing

You are required to pair the BT HEADSET with you mobile phone before using it.

- 1)under power off mode. press and hold the “**MFB**” button 6 seconds power on BT HEADSET, BT HEADSET will enter pair mode after power on;
- 2).The phone will search all Bluetooth devices within 10 meters and display them as a list
- 3).Select “**BH101**” from the list. Enter the passkey “**0000**” to pair and connect the BT HEADSET to you phone.
- 4).The LCD Bluetooth logo icon will turn on when both devices are successfully paired.

Note: If the pairing can't be completed within 2 minutes after the pairing mode is activated, the BT HEADSET will be enter idle mode, please repeat step to pair the BT HEADSET.

Answer Calls

When incoming call, short press the “**MFB**” button on the headset to answer the call.

Ending Calls

During the call, short press the “**MFB**” button end the call.

Rejecting Calls

When in coming call, press and hold the “**MFB**” button for 2second to reject an incoming call.

Answer or reject the second call:

-Answer the second call: during a call, when another call coming, double press the “**MFB**” to pick up the call and the first call will be hold

-Reject the second call: during a call, when another call coming, press and hold “**MFB**” for 2second to reject the call.

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Swap the call

- During the three way call, double press “**MFB**” button twice to swap the call
- During the three way call, short press “**MFB**” button to end the current call and another call will be active automatic

Mic mute/unmute

- Mute: During the call, short press the “**V+**” and “**V-**” button to mute the microphone.
- Unmute:under mute mode, short press the “**V+**” and “**V-**” button to unmute the microphone.

Play/Pause

- If BT HEADSET is connected the phone or other audio deivce , short press the “**MFB**” button to starting the music playing.then short press the “**MFB**” button again pause the music.

Forward

- Under music mode, long press the “**V+**” button 2seconds to forward song.

Backward

- Under music mode, long press the “**V-**” button 2seconds to backward song.

Adjusting the Volume

- To increase the volume** –During the call or Music, Press the “**V+**” button to increase volume by one level, repeat this procedure until you have reached the desired level.

- To decrease the volume** –During the call or Music, Press “**V-**” button to decrease the volume by one level, repeat this procedure until you have reached the desired level.

Factory reset

- Under power off mode. Press and hold “**MFB**” button for 10 seconds to factory reset. The paired list will be deleted.

➤ **Low battery indication and charging**

- BT headset charging voltage via USB to 5V.When the battery voltage is lower than 3.3V, the red LED begins to flash And A tone sounds every 2 minutes. When the battery voltage is lower than 3.0V BT HEADSET will automatically shut down

➤ **Summary of LED Indication**

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Status	LED	LED Indication
Power on	Blue	On 1.5 second
Power off	Red	On 1.5 second
Standby mode(connected)	Blue	500ms_ON, 7.5s_OFF; repeatedly
Idle mode(disconnected)		RED LED Blink once every 3 seconds
Pairing in progress	Blue/Red	1s_BT_ON&&PWR_OFF, 1s_BT_OFF&&PWR_ON; repeatedly
Call active	Blue	Same as "Bluetooth connected"
Play Music	Blue	Same as "Bluetooth connected"
low battery	Red	250ms_ON, 250ms_OFF; 250ms_ON, 250ms_OFF; 250ms_ON, 8750ms_OFF; repeatedly
Charging in progress	Red	LED steady on
Charging completed	Red	LED off

➤ Power consumption

Status	Result
Power off	0.03uA
Standby mode(connected)	0.45mA
Idle mode(disconnected)	0.42mA
Play music -10dBFS IEC268-1.wav	16.8mA
Charge current	78mA
low battery level	3.3V
Low battery power off level	3.0V

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Federal Communications Commission (FCC) Statement

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.

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 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.

Warning: Changes or modifications made to this device not expressly approved by Shenzhen Higi Technology Co.,LTD may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.