

Bone Conduction Headphones

SOG-BH02

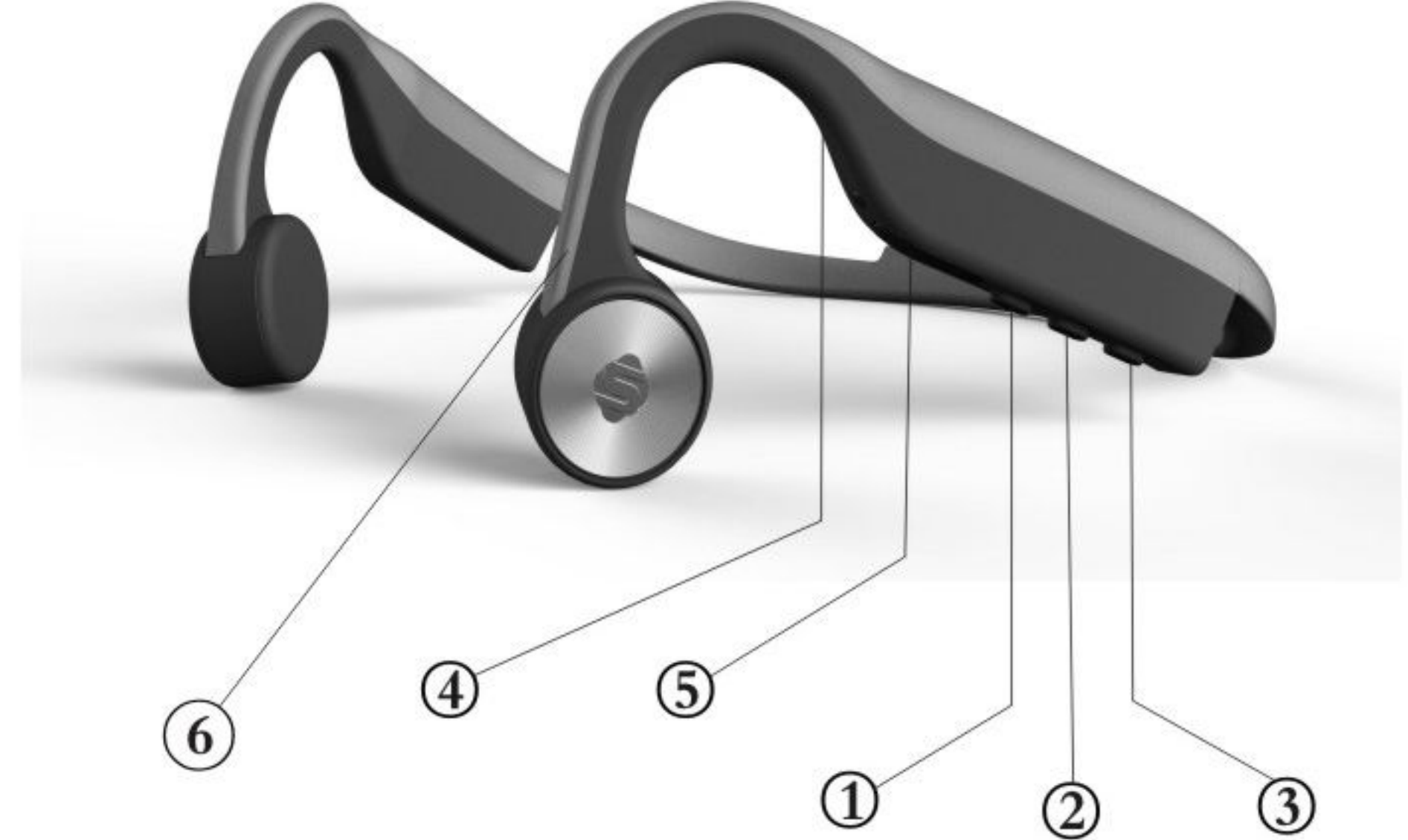
User Manual

Special thanks

Thank you for your trust and support in purchasing our product. Please read the user manual carefully prior to using this product. In order to continuously enhance the performance and quality of the product and provide users with better experience in using our product, we will keep improving and optimizing this product. Thus design and specifications are subject to change without notice.

I Product overview and accessories

1. Understanding the product



① Volume+ ② Volume- ③ Power button ④ LED indicator ⑤ Micro-USB charging port ⑥ Mic

2. What's included

- 1x Headphone
- 1x USB charging cable
- 2x Earplugs
- 1x Cloth pouch
- 1x User manual

II Product parameters

1. Bluetooth system

- Bluetooth version 4.2
- Connectable to Bluetooth competent mobile phones, desktops, laptops, etc. Compatible with profiles A2DP, HSP, HFP
- Dual Bluetooth pairing
- Stand-by time: Around 12 days
- Continuous playback time: 8 hours (Different volume and sound source will be different.)
- Continuous talking time: 7-8 hours
- Up to 10 meters barrier-free wireless range
- Lithium Polymer battery fully charged within 2 hours
- Speaker type: Bone conduction speakers
- Speaker sensitivity: 100 ± 3dB
- Microphone sensitivity: -40 ± 3dB
- Frequency Range: 20Hz ~ 20KHz

2. Other technical specification

- Product dimension: 150mm*100mm*50mm
- Net weight: 38g
- Operating environment: Temperature -10°C ~ 50°C Humidity 0 ~ 90%
- Waterproof rating: IP67
- Charging
 - Charger port: Micro-USB
 - Maximum charge voltage: DC 5.25V

III How to use

Voice prompts will be heard and the status of LED indicator will be different as per different functions during the use of this product.

● Illustrations for voice prompts

Status /Function	Voice prompt	Notes
Power on	Hello	
Power off	Good bye	
Pairing mode	Pairing	
Bluetooth connected	Your device is connected	
Weak battery	Battery Low	
Bluetooth disconnected	Your device is disconnected	
Incoming call notification	Caller's numbers announcement	
Turning FM radio on	No voice prompt for turning FM radio on.	
Factory reset	Beep	Press and hold the Volume+ and power button for 5 secs to reset it to factory default.

● Color of indicator and the corresponding status

Color of indicator	Status
Red(solid)	Charging
Blue(solid)	Fully charged
Blue and red (flash)	In pairing mode
Red(slow flash)	Unconnected
Blue(quick flash)	Answer a call through headphone
Blue(flash)	Outgoing call/incoming call
Red(light to dark gradual flash)	Answer a call through mobile phone
Green(slow flash)	Turn FM radio on

1. Turn on/off

Press and hold the power button for 1 sec to turn the headphone on followed by a voice prompt "Hello" .
Press and hold the power button for 2.5 secs to turn the headphone off followed by a voice prompt "Good bye" .

2. Bluetooth pairing

- ▼ While off, enter the pairing mode by pressing and holding the power button for around 5 secs until you see alternative red/blue flash accompanied with a voice prompt "Pairing" .
- ▼ Locate the Bluetooth menu on the device and select "SOG-BH02" . Enter "0000" if the password is required.
- ▼ A voice prompt "Your device is connected" will be heard when pairing is successful.

Notes:

- (1) Pair the headphone to a commonly-used device for the first use. After pairing, re-pairing is unnecessary for the re-connection to the same device if SOG-BH02 isn't deleted from the Bluetooth menu of the device. After the headphone is turned on, it will reconnect to the device automatically or select "SOG-BH02" manually from the Bluetooth menu of the device .
- (2) The headphone turns off automatically 5 minutes later when it is unconnected to the device or the connection fails.
- (3) If out of range (more than 10 meters) when connected to a device, the headphone will disconnect from the device. Once back within range, it will automatically reconnect within 10 minutes. Double click the power button to make the headphone reconnect to the device when 10 minutes have passed. The headphone turns off automatically 15 minutes later when it is unconnected to the device.
- (4) The headphone initiatively activates the re-connection to the last paired device. When it is successfully connected, you will hear a voice prompt "Your device is connected" . If the connection fails, double clicking the power button will require the re-connection.

3. Play music

- ▼Follow the above instructions to turn the headphone on and pair it to a mobile phone or a desktop/laptop.
- ▼Start a music player from your mobile phone or desktop/laptop and wear the headphone to enjoy music.
- ▼Music stops playing when the music player is closed from your mobile phone or desktop/ laptop.

Operation instructions:

- (1)Play/Pause:Single click the power button to pause music under playback status. Single click the power button to play music under pause status.
- (2)Previous/Next Song:Press and hold the Volume+ or Volume– for 2 secs to skip forward or skip back.
- (3)Adjust volume:Single click the Volume+ or Volume– to adjust the volume up and down. Continuous click increases or decreases the volume.

4. Answer/Make calls

- ▼Follow the above instructions to turn the headphone on and pair it with a mobile phone.
- ▼Answer a call:Single click the power button to answer a call through the headphone.
- ▼Reject a call: Press and hold the power button for 1 sec.
- ▼End a call:Single click the power button.
- ▼Answer the new incoming call and end the current call:Double click the power button.
- ▼Answer the new incoming call and hold the current call:Single click the power button.
- ▼Redial the last number: Double click the power button.
- ▼Adjust volume during a call:Single click the Volume+ or Volume– to adjust the volume up and down. Continuous click increases or decreases the volume.
- (When talking in noisy environment, blocking your ears with your fingers or the included earplugs will make the hearing significantly improved.)

5. Multipoint connection (Dual Bluetooth pairing)

This product comes with a multipoint connection feature(Dual Bluetooth pairing).The headphone can be connected to two Bluetooth devices simultaneously.

- ▼Follow the pairing procedures described earlier and pair the headphone to the first Bluetooth device(e.g mobile phone).
- ▼Turn off the Bluetooth of the first device and follow the pairing procedures to get the headphone successfully paired to the second device(e.g mobile phone).
- ▼Turn on the Bluetooth of the first device without disconnecting the Bluetooth of the second device and choose “SOG–BH02” from its Bluetooth menu to complete the multipoint pairing process.

6. FM radio

- ▼Turn FM on:While FM is off,press and hold the Volume + and Volume – for 2 secs until the indicator flashes green slowly.
- ▼Turn FM off: While FM is on,press and hold the Volume + and Volume – for 2 secs until the green light goes off.
- ▼Adjust FM volume: Short press the Volume+ will increase the volume.Short press the Volume– will decrease the volume.
- ▼Change FM frequency: Press and hold the Volume+ for 2 secs for a higher frequency. Press and hold the Volume– for 2 secs for a lower frequency.
- Note:When FM is on and there is Bluetooth audio output at the same time,FM will keep mute and only Bluetooth audio can be heard(Bluetooth audio priority).FM will work properly if there is no Bluetooth audio output.
- Reminder:The headphone is inconvenient to set the power saving mode of automatically turning off FM when FM is on. If FM is accidentally turned on,it will turn off when the headphone runs out of power.
- It is recommended to turn off FM in time when you do not use it.

7. Charging

Connect the headphone to a standard USB charging port on your PC or a wall charger with the included micro–USB charging cable. It will fully charge within 2 hours. The LED indicator will show solid red when charging and will turn solid blue when charging is completed. It is recommended to get the headphone to be fully charged prior to the first use.

8. Storage & Maintenance

- Store the headphone in cool and dry place. The working temperature should be –10~50℃.
- Using the headphone in too cold/hot environment or highly humid area will shorten the battery life.
- Recharge the headphone if it remains unused for an extended period of time.
- Clean the headphone with soft cloth.
- Do not bring the headphone into contact with sharp objects.

Note:

- (1) Ensure the USB cover is completely covered to protect against water when wearing the headphone.
- (2) It is not recommended to wear the headphone to shower or swim to avoid breakdown when the USB cover is not completely covered.

9. Troubleshooting

You may come across some unexpected problems during the use of this product.Some problems can be solved quickly by yourself if you follow the instructions below. For the problems you cannot solve by yourself, please consult the after–sales team of the manufacturer who will provide you with recommendations and solutions for these problems.

No.	Possible abnormal conditions	Situation analysis and disposal
1	Does not turn on	▼Make sure the battery has a charge and press the power button to check if there is any voice prompt.If not,please press and hold the power button again for 2.5 secs to check whether there is any voice prompt or not.If there is no voice prompt under the both circumstances,it is concluded that the battery needs to be charged. ▼It is recommended to reset the headphone to factory default if it still cannot be turned on after a full charge. Please press and hold the Volume + and the power button for 5 secs simultaneously to perform factory reset. ▼If this problem still exists after factory reset,it is roughly concluded that there is a failure of the electric circuit.Please communicate with the after–sales team of the manufacturer to get a solution.
2	Unable to pair	▼Make sure the pairing mode is entered while LED light flashes red and blue alternately. If you see the red LED only, it means the headphone is powered on but does not enter the pairing mode.Follow the correct steps of pairing describedabove. ▼If the headphone has been paired with another device before,it will connect to this device automatically within effective range. It is impossible to connect to the device at your hand. The solution is to delete the Bluetooth name SOG–BH02 from the menu of the previous device and then follow the pairing steps to pair it with the second device. ▼If the Bluetooth of headphone cannot be found by the Bluetooth–enabled device (e.g. mobile phone),try to remove all the Bluetooth names from the menu of your phone and put it back to pairing mode. ▼It is recommended to reset it to factory default if it still cannot get paired. Please press and hold the Volume + and the power button for 5 secs simultaneously to perform factory reset. ▼If this problem still exists after factory reset,it is roughly concluded that there is a failure of the electric circuit.Please communicate with the after–sales team of the manufacturer to get a solution.

3	Does not charge	▼Check whether there is electricity on the power outlet.(Check whether the socket switch is turned off,etc.) ▼Check whether the USB charger charges properly.(Try to charge other devices with this USB charger to make sure the USB charger is in good condition.) ▼Check whether your charging cable is firmly plugged on the bottom of the charging port. ▼Check whether the LED shows solid red. If not,it means charging isn't effective. LED turns blue when charging is finished. ▼It is recommended to reset it to factory default if it still does not charge . Please press and hold the Volume + and the power button for 5 secs simultaneously to perform factory reset. ▼If this problem still exists after factory reset,it is roughly concluded that there is a failure of the electric circuit.Please communicate with the after–sales team of the manufacturer to get a solution.
4	No FM frequency	▼Make sure you have entered FM mode. Press the Volume + and the Volume– for 2 secs simultaneously to enter FM mode. A slow green flash will appear when FM mode is entered. ▼The headphone will select a FM frequency initially after FM mode is entered. You will hear certain noises from the headphone if there is no FM signal. If there is no FM channel or there is buzzing noise after you change the frequency,it means the FM signal in this area is weak or zero.You can have further test in another area with strong FM signal. ▼If the headphone fails in entering the FM mode or there is no sound(including noises) after the FM mode is entered,it indicates that the FM is not workable. Please communicate with the after–sales team of the manufacturer to get a solution.

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 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.

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

FCC Radiation Exposure Statement

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.