

BS222GB

TWS Bluetooth Headset

User Manual

Bluetooth headset should be used with the compatible devices which support Bluetooth wireless technology. This allows you to make two calls and enjoy the music streaming at any time freely. Please read this user manual carefully before using the headset, and also read your device's user manual regarding the Bluetooth function, and pay attention to those important safety and maintenance information.

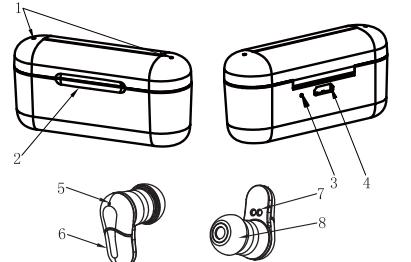
Please keep the headset away from children.

Specifications

Bluetooth Version :	V5.0
Bluetooth Profiles Supported:	HSP, HFP, A2DP, AVRCP
Audio Decoding Protocol:	SBC, AAC
Transmission Power:	Class 2
Operation Range:	Up to 10 meters
Frequency Range:	2.4GHz-2.48GHz
Battery of Headset:	48mAh Li-polymer Battery
Charging Voltage of Headset:	5V
Charging Time of Headset:	About 1.5 hours
Battery of Base:	300mAH Li-polymer Battery
Charging Voltage of Base:	5V
Charging Time of Base:	About 1.5 hours
Charging Headset Times from Charging Base:	About 2 times
Music Playing Time:	Up to 6 hours
Talk Time:	Up to 6 hours
Standby Time:	About 100 hours
Driver:	φ6mm
Driver sensitivity :	90±3dB
Driver impedance:	16Ω±15%
Driver frequency range:	20Hz-20kHz
Dimensions of Charging Base(mm):	L43×W37.5×H30
Dimensions of Headset(mm):	L24.6×W12.9×H24.1
Weight(one headset):	About 4.6g
Total Weight :	About 41g

*The time mentioned above may vary due to user's operation mode and device settings.

Structure Sketch



1) Charging Base Indicator for Headsets
2) Charging Base Opening Snap
3) Charging Base Indicator
4) Micro USB Charging Port
5) Indicator and Mic Hole
6) MFB
7) Charging Pogo Pin
8) Ear Tips

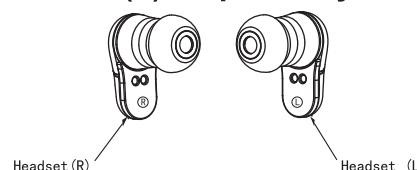
Headset Mode

Status No.	Status	Charging Base Performance
1	The Single Pairing headset(R)	The indicator light of headset(R) flashes red and blue alternately
2	TWS Pairing	After TWS pairing successed, the indicator light of right flashes red and blue alternately.
3	Standby Mode	The indicator light flash blue once every 5 seconds.
4	Call Mode	When in a call, the indicator light of headsets flash red every 5 seconds.
5	Headset Charging Mode	The indicator light of the headset is red when being charged, and will turn off automatically after being fully charged.
6	Turn-on Mode	The indicator light flashes blue for 3 times.
7	Power Off State	The indicator light flashes red for 3 times.
8	Low Voltage Alarm State	The indicator light flashes red once every 20 seconds

Charging Base Mode

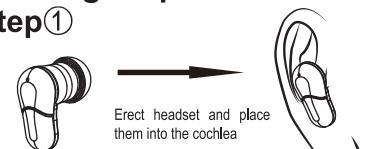
Status No.	Status	Headset Performance
1	The Indicator Instruction	1. The indicator flash red when being charged. The red will flash according times until the battery is up to the corresponding level. 2. No being charged or discharging to the earbuds, the indicator is off. 3. The indicator light is red when being fully charged.
2	Charging Mode	The indicator flashes red quickly every 2 seconds; once means 25% battery, twice means 50% battery, 3 times means 75% battery and 4 times means 100% battery.

Identify according to L&R and wear the headset (R) and headset (L) respectively



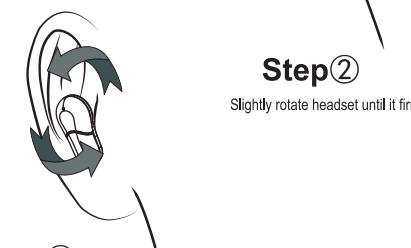
Wearing Steps:

Step①



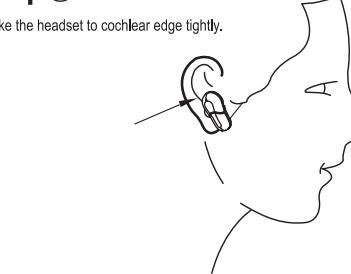
Erect headset and place them into the cochlea

Step②



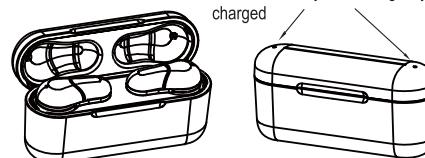
Slightly rotate headset until it firm

Step③



Charging Ways of Headset

The indicator light of headset is red when being charged, and will turn off automatically after being fully charged



Put the headset (L) (R) to the corresponding position in the bottom of the charging base.

Charging Ways of Charging Base

Use the USB charging cable to charge



Use the USB cable to connect with computer



Use the USB cable to connect with mobile phone charger

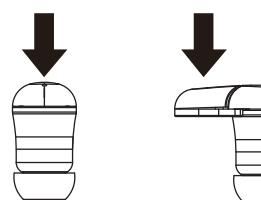
Note 1: Check the charging device is suit to the headset or not.
 Note 2: Use only the supplied charger to charge the headset, if use other device may violate the validation or the maintenance article of this product and may cause danger.
 Note 3: Do not attempt to force open the built-in battery as this could damage the headset.
 Note 4: A fully charged headset will lose its power automatically if left unused. It is recommended to charge the headset each three months.
 Note 5: Do not leave the headset in a too hot or too cold condition (best between -10°C and 50°C) which may affect the headset's operations although it is fully charged.
 Note 6: Do not dispose of the headset into fire or water.

Turning ON/OFF

1 Method

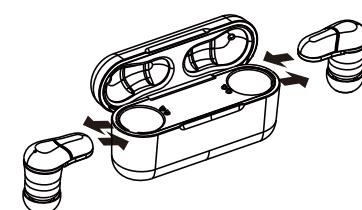
In OFF MODE, press and hold headset(R) or headset(L) MFB for 2 seconds to turn on.

In ON MODE, press and hold headset(R) or headset(L) MFB for 5 seconds to turn off.



2 Method

Put the headset (L) (R) to the corresponding position in the bottom of the charging base to turn on automatically.
 Put them back and close the case cover to power off.



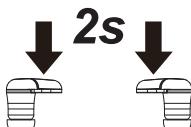
TWS Pairing

1



Pick up the two headsets from the charging base to power on automatically, the two headsets will enter auto-pairing mode. The two headsets connect with each other after few seconds, the headset (R) alternately flashing red and blue, and then open the phone's bluetooth function to search.

2



In OFF state, press MFB key of headset "R" or "L" for 2 seconds to power on, the two headsets will enter auto-pairing mode. The two headsets connect with each other after few seconds, the headset (R) alternately flashing red and blue, and then open the phone's bluetooth function to search "BS222GB".

Do as the above ways: 1 or 2 ,and it prompts "Connected" after TWS paired successfully: left headset prompts "Left channel" and right headset prompts "Right Channel-Pairing".



TWS Reconnected

Method1: Press and hold MFB of headset(R) or headset(L) for 2 seconds to power on—wait for few seconds, the two headsets connect automatically—the headset pair with the mobile phone that has ever paired after few seconds—reconnected successfully.

Method2: Pick up the headsets from charging base to power on—wait for few seconds, the two headsets connect automatically—the headsets pair with the mobile phone that has ever paired after few seconds—reconnected successfully.

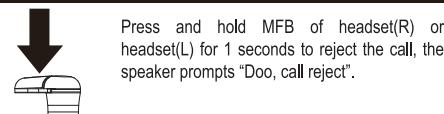
Note: The headset(R/L) will prompt "connected", left headset prompts "left channel", the right headset prompts "right channel". After connected with mobile phone successfully, the right headset prompts "connected".

Answer /End a Call

When call incoming, short press MFB of headset (R) or headset (L) to answer the call; In call mode, short press MFB of headset (R) or headset (L) to end the call when you hear "call end".

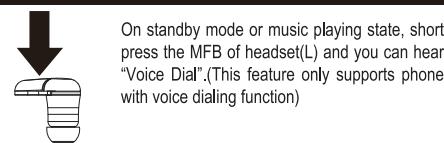


Reject a call



Press and hold MFB of headset(R) or headset(L) for 1 seconds to reject the call, the speaker prompts "Doo, call reject".

Voice Dialing



On standby mode or music playing state, short press the MFB of headset(L) and you can hear "Voice Dial".(This feature only supports phone with voice dialing function)

Two-call Handling

(Only support the mobile phone which has the function of handling two phones.)

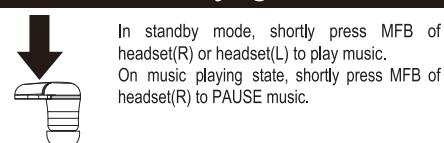
When you are answering a call, there is another call coming :

1. Long press and hold MFB of headset(R/L) for 1 second to end the current call and answer the incoming call;
2. Short press MFB of headset(R) to hold the current call and answer the incoming call;
3. After the second implementation, short press MFB of headset(R) to switch between two calls;
4. After the second implementation, long press MFB of headset(R/L) for 1 second to end the current call, and long press MFB of headset(R) for 1 second to end the other call.

Note:

All the above operations have to respect the precondition that Phone supported Bluetooth hands free profile V1.5 and Phones are running under call holding function (Network services) from telecom.

Music Pause/Playing



In standby mode, shortly press MFB of headset(R) or headset(L) to play music. On music playing state, shortly press MFB of headset(R) to PAUSE music.



Volume +/-

In call mode or music playing mode, double-click MFB of headset(R) to volume up; double-click MFB of headset(L) to volume down, when maximum or minimum volume, the speaker will prompt "Doo".

Pre/Next Song

In music playing mode, long press MFB of headset(R) for 1 second to next song; long press MFB of headset(L) for 1 second to previous song.

Delete Pairing Records on the Headset

In OFF mode, press MFB of headset(R) or headset(L) for 10 seconds(OFF MODE→On Mode when 2nd second→Delete Pairing Records when 10th second) until hearing "Doo" 4 times and indicators flash red and blue twice at the same time.

Maintenance

- Do not use abrasive cleaning solvents to clean the headset.
- Do not allow the headset to touch with any sharp objects as this will cause scratching and damages.
- Please keep headset away from high-temperature, humidity and dust.

Notice:

1. The headset (R) can not volume down and previous song when use singly.
2. The headset (L) can not use independently.

Trouble Shooting

Trouble	Reasons	Solutions
Can not turn on	low battery protection	Charging headsets for 1-2 hours
Can not turn on by picking up the headset/No indicator light when headset being charged	Charging base low battery protection	Charging both the headsets and charging base for 1-2 hours
No sounds after pairing	Wrong pairing	Pairing again
The two headsets TWS pairing failure/TWS paired successful but can not find the headset(R)	Too many pairing records	Delete pairing records
Charging base without indicator light when charging	DC power supply doesn't output power	Check whether the micro USB charging line is plugged well or not
Headsets without indicator light when charging	The headsets couldn't be charged in charging base	1/Checking headset charging interface whether has touched to POGO PIN of charging base and the location is correct or not. 2/Charging for charging base
Turning off automatically	Low battery	Charging headset for 1-2 hours
Headset echo	Volume is too loud or environment is noisy	Adjust the volume at phone or change a place
Noise in call	Environmental interference caused or distance between headset and mobile is too far	Change a place or move the headset close to the mobile phone
Low voice of the calling party	Wearing headset is wrong	Adjusting wearing position of headset

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

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

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.