

BS251FL TWS Bluetooth Headset User Manual

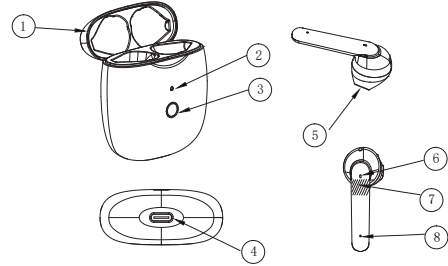
Bluetooth headset should be used with compatible devices which support Bluetooth wireless technology. This allows you to make any calls with Bluetooth function at any time freely. Please read this user manual carefully before using the headset, and also read your device's user manual regarding the Bluetooth 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
Battery of Headset:	40mAh Li-polymer Battery
Charging Voltage of Headset:	DC 5.0V±0.25V
Charging Time of Headset:	≤2 Hours
Battery of Base:	300mAh Li-polymer Battery
Charging Voltage of Base:	DC 5.0V±0.25V
Charging Time of Base:	≤2 Hours
Charging Headset Times from Charging Base:	About 3 times
Music Playing Time:	≥4 Hours (50% volume)
Talk Time:	≥3 Hours (50% volume)
Standby Time (TWS connect with mobile):	> 60 Hours
Driver:	φ12mm
Driver sensitivity :	102±3dB(at 1KHz)
Driver impedance:	16Ω±15%
Driver frequency ring range:	20Hz-20kHz
Dimensions of Charging Base(mm):	L51.2×W59.3×H23.1
Dimensions of Headset(mm):	L43.45×W16.8×H17.5
Weight(one headset):	About 3.9g
Total Weight :	About 38.5g
Charging temperature :	0°C~45°C
Non-charging temperature :	-10°C~60°C
Storage temperature :	-20°C~40°C

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

Structure Sketch



- 1) Charging Base Lid
- 2) Charging Base Indicator
- 3) Charging Base-One-Key-Reset Button
- 4) Type-C Charging Port
- 5) Headset Sound Port
- 6) Headset Indicator+ Side Mic Hole
- 7) Touch Panel
- 8) Headset- Mic Hole

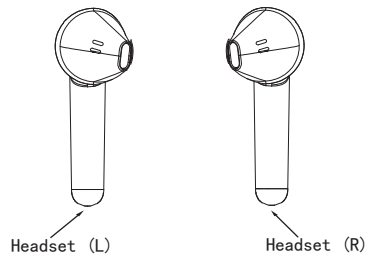
Headset Mode

Status No.	Status	Indicator	Prompt
1	Power On	/	"Power on"
2	Power Off	/	"Power off"
3	TWS Pairing Mode	Flashes white quickly once every 0.2 seconds	/
4	TWS Connected	The indicator light flashes white slowly once every 1 second	"TWS connected" (if first time pairing)
5	Phone Pairing Mode	The indicator light of master headset flashes white once every 1 second and slave headset flashes white once every 5 seconds	"Pairing"
6	Phone Connected	The indicator light of the headset flashes white once every 5 seconds	"Connected"
7	Low Battery Alarm State	/	"Low Battery " (once every 3 minutes)
8	Reset	Flashes red for 3seconds(reset) and white quickly 5 times	/
9	Headset Charging	White being charged, turns off after fully charged	/

Charging Base Mode

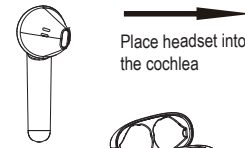
Status No.	Status	Charging Base Performance
1	Charging Base Charging	Red when being charged, turns to green after fully charged
2	Charging Base Battery Capacity	Open the lid or press the (3) button, indicator show different battery capacity for 2 seconds, red is less than 20%, orange between 20%-79% and green if more than 80%
3	Charging Base charging for headsets	Charging base flashes green for 3 times if found the headsets put inside (finish within 1.5s)

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



Wearing Steps:

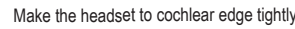
Step ①



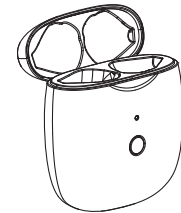
Step ②



Step ③



Charging Ways of Headset

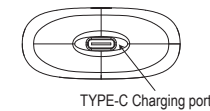


Headset is charged once put in charging base, charging base indicator flashes green 3 times.

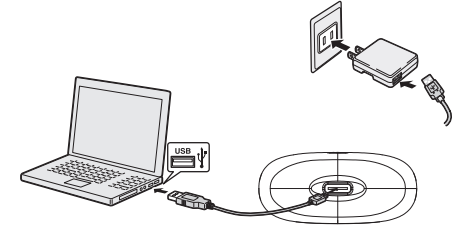
Put the headset (L) (R) to the corresponding position of the charging base.

Charging Ways of Charging Base

1. When the TYPE-C charging interface access to power, the indicator light red when being charged, and turns to green automatically after being fully charged.



■ Use the Type-C cable to connect with computer



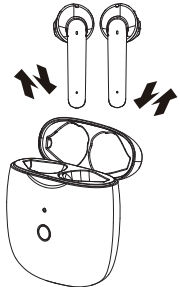
■ Use the Type-C cable to connect with mobile phone charger

- 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 will 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 dispose of the headset into fire or water.

Turning ON/OFF

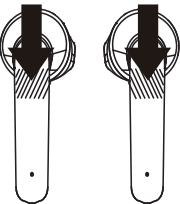
1 Method

Turn ON: Open the charging base lid to turn on automatically. (It is advised to pick up the headset after open lid for 1 second)
 Turn OFF: Put the headset back to the charging base and close the lid for 1 second to turn off and charge. (It is advised not to open and close the lid too frequently)



2 Method

Turn ON: In OFF MODE, touch the panel of headset(R) or headset(L) for 2 seconds to turn on.
 Turn OFF: Headset will turn off automatically after the headset(R) or headset(L) disconnected from device for 5 seconds.



Pairing Method

1 TWS pairing

1. Long touch the panel for 2 seconds, the headset into pairing mode automatically, after waiting for few seconds, the two headsets will automatically pair, then open the phone's Bluetooth function to search.

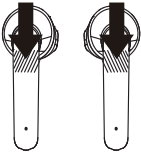
2. Open the charging base lid to power on and the two headsets will enter auto-pairing, after waiting for few seconds, the two headsets will successfully pair, then open the phone's Bluetooth function to search.



Note: When the TWS successfully paired, the headset prompts "TWS connected", and then enters phone Pairing mode, prompting "Pairing", the master headset flashes white once every 1 second, the slave headset flashes once every 5 seconds, if TWS cannot pair successfully, it will power off automatically after 5 minutes.

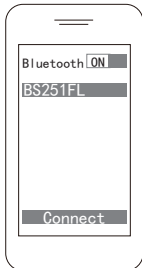
2 Connect with Bluetooth Device

1. In TWS connection state, after successfully connected with Bluetooth device, the headset prompt "connected" the indicator flashes white once every 5 seconds.



2. Disconnected with bluetooth device, the headset prompts "disconnected"

and it will enter into TWS pairing mode. If the headset doesn't connect with any bluetooth devices within 5 minutes, the headset will power off automatically. The headset prompts "Pairing" if in pairing mode, the master headset flashes white once every 1 second, slave headset flashes white once every 5 seconds.



Do as the above ways:

Using Bluetooth device to search "BS251FL" (Please refer to the Bluetooth device user manual), and select from Bluetooth device list. After connected with Bluetooth device, the headset will prompt "connected".

TWS Reconnected

Method1: Long touch the panel of headset(R) or headset(L) for 2 seconds to power on→wait for few seconds, the two headsets connect automatically→the headset(R) pairs with the mobile phone that has ever paired after few seconds →reconnected successfully.

Method2: Open charging base lid to power on→wait for few seconds, the two headsets connect automatically→the headset(R) pairs with the mobile phone that has ever paired after few seconds→reconnected successfully.

Enter TWS Pairing Mode by Manual

In TWS pairing Mode, long touch the panel for 3 seconds into Single Headset Pairing Mode, user can use phone to find and connect at this time, the indicator light flashes white once every 1 second.

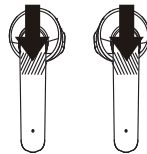
Answer /End a Call

When call incoming, double touch the panel of headset (R) or headset (L) to answer the call.

During calls, double touch the panel of headset (R) or headset (L) to end the call.



Reject a call



Long touch the panel of headset (R) or headset (L) for 2 seconds to reject the call.

Two Call Handling

When you are answering a calling, and there is another calling:

1. Long touch the panel for 2 seconds to end the current call and answer another one.
2. Double touch the panel to answer another call and hold on the current one.
3. After the above operation "2" settled, double touch the panel to transfer one call to another.
4. After the above operation "2" settled, touch the panel for 2 seconds to end the current calling and double touch the panel to end another one.

Note: The mobile should support HFP 1.5, and the call waiting (Internet service) function of the mobile phone must be enabled.

Music Pause/Playing



On music mode, single touch the panel of headset(R) or headset(L) to pause or play music.



Voice Dialing

Triple touch on the headset (L) to activate the voice assistant, triple touch to turn it off.

Volume +/-

In connection mode, long touch the panel of headset(R) to volume up (every 0.6 seconds, the volume increases by one); long touch the panel of headset(L) to volume down(touch 0.6 seconds, the volume decreases by one).

When the volume is up to maximum, you will hear "Di" once from headset. When the volume is down to minimum, you will hear "du" once from headset.

Pre /Next Song

In music playing mode, double touch the panel of headset(R) to next song;

double touch the panel of headset(L) to previous song.

Delete Pairing Records on the Headset

Open the charging base lid with headset inside, long press the charging base button for 10 seconds, the headset indicator flashes white 5 times and charging base light flashes red for 3 seconds to reset.

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.

Trouble Shooting

Trouble	Reasons	Solutions
Headsets always flash white/The headset can't reconnect/ The headsets make sizzling sound/ Can't operation	Headsets crash	Put the headsets into the charging base and close the lid, wait for 20 seconds to reset the headset
Not turn on by opening charging base lid or touch the panel	Low battery	Charging headset for 1-2 hours
No sounds after pairing	Pairing wrong	Delete pairing records and pairing again
TWS paired successful but can't find the headset(R)	Too many pairing records	Delete pairing records and pairing again
Headsets without indicator light when charging	The headsets couldn't being charged in charging base	1)Checking headset charging interface whether has impurities and touched POGO PIN of charging base the location is correct or not. 2)Charging for charging base
No sound on one headset after connecting	Connect fail	Delete pairing records and pairing again
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 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	Wearing headset is wrong	Adjusting wearing position of headset
The Indicator light of Charging base flash red once every 1 second	Checking headset charging interface whether has impurities causing a large over current in the charging short-circuit current protection	Remove the impurities after taking out the headsets, closing and opening the charging base lid
Not work when touch the panel	Touch operation time is too long or touch failure	Double or triple touch operate need to be within 700ms/ touch fail need to put in the charging case to activate and headset won't power off

FCC WARNING

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.

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

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. The device has been evaluated to meet general RF exposure statement.

The device can be used in portable exposure condition without restriction