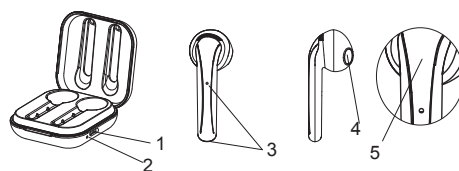# BS301RK
TWS Bluetooth Headset
User Manual

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:	HFP, HSP, A2DP, AVRCP
Audio Decoding Protocol:	SBC, AAC, APTX,CVC
Transmission Power:	Class 2
Operation Range:	Up to 10 meters
Frequency Range:	2.4GHz-2.48GHz
Battery of Headset:	40mAH Li-polymer Battery
Charging Voltage of Headset:	DC 5V±0.2V
Charging Time of Headset:	About 1.5 hours
Battery of Base:	400mAH Li-polymer Battery
Charging Voltage of Base:	DC 4.5 V-6.0 V
Charging Time of Base:	About 1.5 hours
Charging Headset Times from Charging Base:	About 2-3 times
Music Playing Time:	≥ 4.5 hours
Talk Time:	≥ 5 hours
Standby Time:	≥ 100 hours
Driver:	φ10mm
Driver sensitivity:	93±3dB (1KHz)
Driver impedance:	16Ω±15％
Driver frequency ring range:	20Hz-20KHz
Dimensions of Charging Base(mm):	L51.5×W51.5×H21.1
Dimensions of Headset(mm):	L43.1×W16.6×H17.2
Weight(one headset):	About 3.4 g
Total Weight:	About 37.2 g

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

To Know Your Headsets

1）Charging Base Type-C
2）Charing Base Indicator
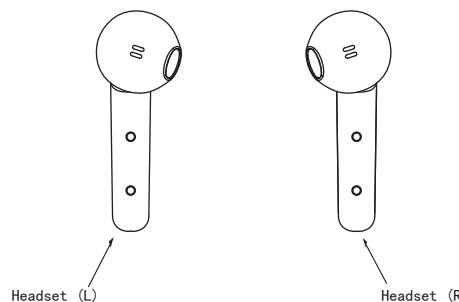3）Headset Indicator & Mic Hole
4）Speaker
5）Touch Panel

Headset Indicator

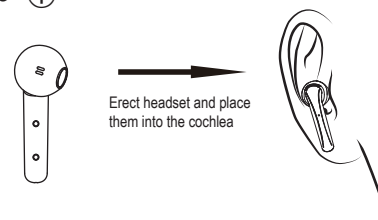| Status No.	Status	Headset Performance
1	TWS Pairing Mode	The indicator flashes white quickly
2	Ready for pairing to phone	After TWS paired,right headset flashes white slowly, left headset flashes white once each 5 seconds.
3	Headset Charging	The indicator is white when being charged, will turn off automatically after being fully charged.
4	Power On	The indicator flashes white for 3 times.
5	Power Off	The indicator flashes white for 3 times

Charging Base Indicator

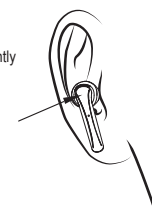| Status No.	Status	Charging Base Performance
1	Charging	1.When using USB to charge, the indicator flashes red 2.The indicator will stop flashing after being fully charged 3.The indicator will turn off if it is not charging
2	Working	The indicator light flashes red each 2 seconds, once means 0%-25% battery, twice means 25%-50%, 3 times means 50%-75%, 4 times means75%-100%

Wear the headset (R) and headset (L) respectively

Headset（L）   Headset（R）

How To Wear:
Step ①

Erect headset and place them into the cochlea

Step ②
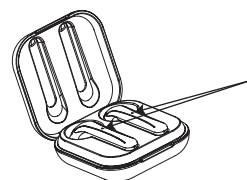Slightly rotate headset until firm

Step ③
Make the headset to cochlear edge tightly
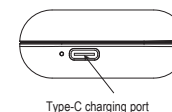

How To Charge The Headset

The indicator is white when being charged, will turn off automatically after being fully charged.

Note: When the battery power is lower than 10%, the headset will remind you of "low battery please charge" every 60 seconds.

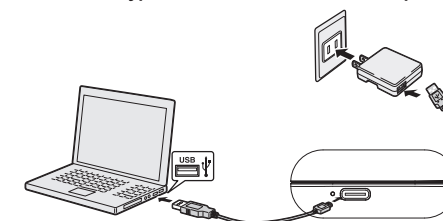Put the headset (L) (R) to the corresponding position in the bottom of the charging base.

How To Charge The Charging Base

Please use Type-C to charge. The indicator will stop flashing after being fully charged.

Type-C charging port

Note: Please charge the base and headsets before usage
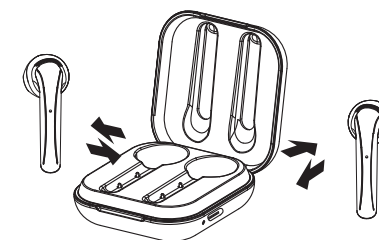
Use the Type-C cable to connect with computer

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

Note 1: Check the charging device is suitable for 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 loseits power automatically if left unused. It is recommended to charge the headset every three months.
Note 5: Do not leave the headset in a too hot or too cold condition (best between -10℃ and 50℃) 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

Pick up the headsets from the charging base to turn on automatically.
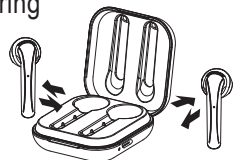Put them back to power off and charge the headsets.

2 Method

Touch the touch panel of headset(R) or headset(L) for 2 seconds to turn on.
Touch the touch panel of headset(R) or headset(L) for 5 seconds to turn off.
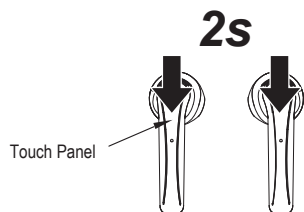
TWS Pairing

1 TWS Pairing

Turn on the headsets, it will pair to each other automatically.
While pairing successfully, the right headset indicator flashes white slowly, the left headset indicator flashes white once every 5 seconds
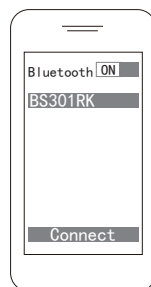
Voice notice:
After TWS paired: The right headset prompts "Pairing successful", both headsets prompts "DengDong" and right headset prompts "connected".

Note: 1. The TWS pairing period lasts for 2 minutes, headsets turn off automatically if pairing failed.
2.For first time usage or after reset, please put 2 headsets within 20 cm distance to build up connection.

2 Pairing with phone

2s

Touch Panel

After TWS pairing, the right headset indicator flashes white slowly, the left headset indicator flashes white once every 5 seconds, search "BS253RK" from your mobile phone Bluetooth set up.

Select "BS301RK" from bluetooth device list.
After connected with phone, the right headset will prompt "connected" .

Note:
Slave activation: For Iphone, after paired to the phone, there is Pop-Up window in 5 seconds, please click "pair" to activate the master and slave switching function.

Master-slave switching

The right headset is defaulted as master headset. When the master headset is placed in the charging base, the slave headset will automatically connect to the mobile phone and can be used as mono.
When the left headset is turned on first and reconnected with mobile phone , it becomes master, the right one becomes slave.

Note: To activate the mono function, please ensure you do the slave activation during pairing to phone.

TWS Reconnection

The headsets will reconnect to the device when you back into the working range after distance break.
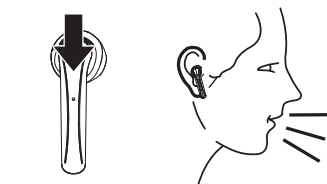
Once the earhones are paired to the device, it will reconnect automatically on second time usage.

Note:
If it cannot reconnect to your device, please turn on the device pairing function, select the BS253RK to connect again.

If you still cannot do the reconnection, please delete the pairing record on your device, do the set up again.

Answer /End a Call

1. Answer a call:
When call incoming, tap the touch panel of headset (R) or headset (L). If the headsets reconnect to the phone, the call will be answered too.
2.End a call:
Touch the touch panel of headset (R) or headset (L) for about 2 seconds or put one of headsets into charging base.

Reject a call

Touch the touch panel of headset(R) or headset(L) for about 2 seconds or put one of headsets into charging base, the call will be rejected.

Voice Assistant

Double tap on the headset(L) to activate the voice assistant function(Siri, Google assistant, etc.), double tap to turn it off.
Note: This feature only supports phones with voice assistant function.

Music Playing/Pause

Tap the touch panel of headset(R) or headset(L) to play music.
Double tap the touch panel of headset(R) to pause music.

Volume +/-

When play music, tap the touch panel of headset(R) for volume up , headset(L) for volume down.

Note:
You will hear ringtone notice when reach highest or lowest volume

Next/Previous Track

Touch the touch panel of headset(R) for 2 seconds for next song.
Touch the touch panel of headset(L) for 2 seconds for previous song.

Reset

Touch the touch panel of headsets for about 8 seconds, then double tap quickly in 1 second to reset.

Voice Notice:
1.Touch the headsets for about 8 seconds - "DingDingDing".
2.Double tap headsets - "Ding" . The indictor flashing white quickly
3.The headsets turn on - "Power on". The indicator flashes white for 3 times.

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
Can not turn on	Low battery	Charge 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	Charge both the headsets and charging base for 1-2 hours
No sounds after pairing	Pairing failed	Pair again
The two headsets pairing failure/TWS paired successful but can not find the headset(R)	Too many pairing records	Reset the headsets
Charging base without indicator light when being charged	NO DC power supply	Check the Micro USB charing cable connection
NO indictor light on headsets	The headsets couldn't beingcharged in charging base	1)Relocate the headsets 2)Charge the charging base
Turning off automatically	Low battery	Charge 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 interfere or out of working range	Change place or go back to working range
Low voice of the calling party	Wrong Wearing	Follow the wearing instruction

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.