

Specifications and User Manual

TWS EARPHONE

T2



Earphone Basic Specifications

- Size : single-earphone (23.6x16.3x23.7mm)
- Weight : (single:4.6g)
- Earphone Charging Port:magnetic type
- Touch Button: 1 (MFB)
- Charge indicator:Flashing blue light (Charging) / light off (Charging completed)
- Battery :55mAh(One earphone)
- Earphone Charging Current:55mA
- Earphone Charging time: 1Hour
- Working Voltage:3.3V-4.2V
- Play music current: MAX 18mA
- Talking current: MAX 18mA
- Power Off current: 13umA
- Standby time:40hrs
- Earphone with Charging case: :
Music Time : 9~10 Hours
Talking Time : 9~10 Hours
- Earphone(single charge)
Music Time : 3~3.5 Hours
Talking Time : 3~3.5 Hours
- ※ Working time of main earphone in the state of two earphones : < 3.5Hours
- Bluetooth Version : Bluetooth 5.0
- Chipset Solution : **BES2000**
- Support Profile : HSP、HFP、A2DP、AVRCP

- The remote control to speaker: MFB (Play/Pause/Stop, Volume+/Volume-, Next song, Previous song)
- Pairing name : **T2**
- Password : 0000
- RF input impedance : 50ohm
- RF Receive sensitivity : -89dBm
- Transmission Range (Hz) : 2.40GHz~2.48GHz
- Transmission distance: 10m
- TWS function: after two earphones pair and connect, they can work as true wireless stereo earphone
- Audio sampling accuracy : 16bits
- Audio sampling rate: Up to 96 kHz
- Audio encoding format : CVSD、mSBC、SBC、AAC
- SNR : >95dB
- Working temperature : -15°C ~ +60°C
- Working humidity: 10%~85%(in a non-frozen state)

Speaker Basic Specifications

- Speaker specifications / mode: Φ 6mm
- Impedance: 16 Ω / typ
- Frequency(Hz): 20Hz~20KHz
- Sensitivity: 93 $\pm$ 3dB
- Input Power: 2 mW (normal), 5mW (maximum)

MIC Basic Specifications

- MIC Type : silicon MIC
- MIC sensitivity: -42 $\pm$ 3dB
- SPL : 130dB

Basic Specifications of Charging box

- Size : 79x32x32x32mm
- Weight : 53g
- Charging port : Micro USB
- Charging LED indicator/charging completed indicator:Flashing blue light/display **100**
- Charging box(Full) provide power to earphones: 2 times
- Battery:400mAh
- Charging time : 2.5hrs
- Input Voltage :DC5V
- Charging current: : 250mA
- Output Voltage : DC5V
- Discharge current : 55mA
- Working temperature: -15°C ~ +60°C

- Working humidity: 10%~85%(in a non-frozen state)

Operating Instructions

Power ON

When the earphone is off, remove the earphones from the charging case, power on automatically, The LED indicator will flash for one second in blue. Earphone with "Power on" prompt tone.

Power Off

When the earphones is power on, put earphones into the charging case, earphones power off automatically .

Pairing with Phone

- 1、 Remove R & L earphone from the charging case at same time, after automatically turn on R & L connected automatically in 10 seconds,with "power on" "TWS connected" prompt from each earphone, R & L connection is finished;
- 2、 After the left connect to the right, Right with "pairing" prompt tone, the LED indicator flashes blue;
- 3、 On your device, go to Bluetooth menu, select for: **T2**, pair and connect. You will hear "Connected" when pairing is complete.

Notes:

Music & calls function ,R & L is synchronous;

Voice assistant

Triple-touch the right earphone(Master) to active voice assistant.

Answering calls

If a call comes in when listening to music or headset is standing by, touch once time the MFB to answer the incoming call. If the music is playing, it will pause automatically during the call, the music will start playing automatically.

Reject Calls

If a call comes in, touch and hold the MFB button for 3 seconds to reject the incoming call.

End Calls

Touch once time the MFB to terminate when you finished your call.

Pairing Left&Right earphone Guide:

1. Put both earphones back to the charging case. then Pick out the both earphone from the charging case;
2. Make sure both of earphones didn't connected with any devices;
3. Touch and hold the main button of both earphones for 3 seconds, You'll hear "ding". While the indicator light was flashing blue;
4. Wait until you hear "TWS Connected" from both earphones, Pairing done.

※ If no voice after master & deputy earphone connection ,put earphone R & L into the charging case, then pick up earphone R & L at same time. Earphone R & L reconnect the device after earphone connection.

TWS earphone reconnection: earphone R & L connection automatically after earphone paired once time, with "TWS connected" prompt tone.

Music Play Operating

Music Play

Operate on the phone or touch MFB of the earphone (Music will play automatically on some mobile phones when it connect with Bluetooth device)

Pause and Restart Music

When listening to music, touch MFB to pause music and touch MFB again to restart music.

Play Previous Song

Double touch left earphone to go back one track.

Play Next Song

Double touch right earphone to go to the next track.

Answering the incoming call in music playing:

Touch once time the MFB (music will pause)

Reject the incoming call in music playing:

Touch and hold the MFB button for 3 seconds

Volume Up

Touch and hold the MFB of right earphone

Volume Down

Touch and hold the MFB of left earphone.

	Left earphone (L)	Right earphone (R)
Play/Pause	X1	X1
Previous Song	X2	
Next Song		X2
Volume +		Touch and hold
Volume -	Touch and hold	
Answer/End a call	X1	X1
Reject call	Touch and hold for 3 seconds	Touch and hold for 3 seconds
Voice assistant		X3

Earphones LED Indicator Status

Charging	Flashes blue LED Light
Charging Complete	Light off
Power ON	Blue LED light flashes for one second
Power Off	Blue LED light flashes for one second
Pairing Mode	LED light flashes blue
Battery Low	Every 30 seconds with reminding tone “battery low”

Notes:

It will turn off automatically after 5 minutes if without any connection with mobile phone when it turns on.

Pairing time: 3 minutes. It will quit the pairing mode automatically after 3 minutes if without any connection with mobile phone when it is in the state of pairing.

In addition, display battery state on Apple devices.

Charging case operation

Charging case LED Indicator Status

1. Charging :Blink blue
2. Charging completed :Display **100**
3. Low battery (pull charging case):Display light flashing

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

Changes or modifications to this unit 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.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.