

MS01C True Wireless Stereo Earphone User Manual

---Version 20171031

Earphone Basic Specifications

- Size: single-earphone 23.6×16.3×23.7mm
- Weight: 4.4g (single-earphone)
- Charging port: magnetic type
- Keys: 3 (MFB button, volume+ button, volume- button)
- Charge indicator: Red LED light (Charging) / light off (Charging completed)
- Battery :Lithium-ion Polymer rechargeable battery, 551215 , 55mAh
- Earphone Charging Current:55mA
- Earphone Charging time: 1 hour
- Working Voltage: 3.3V~4.2V
- Standby time: about 40 hours
- Battery and Power
- Earphone with Charging case:
 - Music Time:10.5~12 hours
 - Talking Time:12~13.5 hours
- Earphone(single charge):
 - Music Time:3.5~4 hours
 - Talking Time:4 ~4.5 hours
- ※ Working time of main earphone in the state of two earphones:<3.5 Hours
- Bluetooth version: Bluetooth4.2
- Bluetooth chip: CSR
- Support Profile: HSP, HFP, A2DP, AVRCP
- The remote control to speaker: MFB (Play/Pause/Stop);Vol+/ Next song, Vol-/ Previous song
- Paring name: MS01C(R),MS01C(L)
- Pass: 0000
- RF transmit: class 2
- RF input impedance: 50ohm
- Receive sensitivity: -89dBm
- Transmission Range (Hz): 2.40GHz ~ 2.48GHz

- TWS function: after two headsets pair and connect, they can work as true wireless stereo headset
- Earphone R & L connected, only main earphone support call function(the one connected with phone);
Earphone R & L disconnected, each earphone support call function.

- Audio sampling accuracy: 16bits
- Audio sampling rate: Up to 96 kHz
- Audio encoding format: CVSD、mSBC、SBC、ACC
- SNR: >95dB
- Working temperature: -15°C ~ +60°C
- Working humidity: 10%~85% (in a non-frozen state)

Speaker

- Speaker specifications / mode: Φ6mm
- Impedance: 16Ω/ typ
- Frequency(Hz): 20Hz ~ 20KHz
- Sensitivity: 93±3dB
- Input Power: 2 mW (normal), 5mW (maximum)

MIC

- MIC type: silicon MIC
- MIC sensitivity: -42±3dB
- SPL: 130dB

Basic Specifications of Charging Case

- Size: φ 32*81.15mm
- Weight: 60.5g
- Charging Port: Micro USB
- Charging LED indicator/charging completed indicator: Blue LED lighting/Light off
- Charging base(Full) provide power to earphone: 2~3 times
- Battery: Lithium-ion Polymer rechargeable battery, 702030, 400mAh
- Charging time: 2hrs
- Input Voltage: DC5V
- Charging current: 300mA
- 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, pick up earphones from the charging case, auto power on, The LED indicator will flash for one second in blue. R earphone with "Right Power on" prompt tone, L earphone with "Left Power on" prompt tone.

Power Off

When the earphones is power on, put earphones into the charging case, earphones auto power off and start to charging, lighting red.(earphones separated to power off)

Pairing

1. When the earphone is off, Pick up earphone A, the one need to be paired with the phone and make sure the other one, earphone B is on the base. A power on automatically, double-click MFB, enter pairing mode, red and blue LED flashing, with "pairing" prompt. MS01C (R) or MS01C (L) device name displayed on the phone, click the device name, after connected, with "Connected" prompt,.

2. After earphone A connected with phone is finished, pick up earphone B from the charging case, earphone A & B connected automatically, with "TWS connected" prompt from each earphone.

Notes:

Music function ,A&B is synchronous;

Call function just apply to main earphone(the one connected with phone)

Two Earphones pairing operation

- 1) Pick up earphone A from the charging case, and disconnected with any device;
- 2) Long press MFB of earphone A for 5 seconds, the LED indicator flashes red and blue, with "TWS Pairing" prompt tone, enter earphone pairing mode;
- 3) Pick up earphone B from the charging case, repeat step 1&2 , Earphone A & B paired and connected, with "TWS connected"

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

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

Disconnect TWS earphone: long press MFB and Vol+ / Vol-.

Call Operation:(ONLY MASTER EARPHONE IS IN FUNCTION)

Answering calls

If a call comes in when listening to music or headset is standing by, press 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. (Only Main earphone operates effectively)

Reject Calls

If a call comes in, press and hold the MFB button for 2 seconds to reject the incoming call. You will hear the words “Call Rejected” from the speaker of the headset. (Only Main earphone operates effectively)

End Calls

Press the MFB to terminate when you finished your call, you will hear the words “Call Terminates”. (Only Main earphone operates effectively)

Volume

To adjust the volume when talking on the phone, press the V+ or V- to adjust the volume up or down. When you reach the max/min volume, you will hear a warning tone. (Only Main earphone operates effectively)

Last Number Redial

When listening to music or headset is standing by, double click MFB to redial the last number. You will hear the words “Last Number Redial” from the speaker of the headset. If you are listening to music, it will pause automatically during the call. (Only Main earphone operates effectively)

Transfer Calls

When you are talking on the phone and receive another incoming call,

- 1) clicking the MFB once time, end first call and answer new coming call;
- 2) double click MFB, answer new call and first call will be placed on hold;
- 3) press the MFB for 2 seconds to reject the incoming call;
- 4) if new coming call answered and first call on hold, double click MFB ,switching between two calls.

(Only Main earphone operates effectively)

Music Play Operating (ONLY MASTER EARPHONE IS IN FUNCTION)

Music Play

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

Pause and Restart Music

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

Volume

To adjust the volume when listening music, press the V+ or V- to adjust the volume up or down. When you reach the max/min volume, you will hear a warning tone.

Play Previous Song

Press Vol+ button for 2 seconds

Play Next Song

Press Vol- button for 2 seconds

Answering the incoming call in music playing:

Short press the MFB button(music will pause)

End the call in music playing:

Short press the MFB button(music will restart)

Reject the incoming call in music playing:

Press and hold the MFB button for 2 seconds

Make call in music playing:

Double click the MFB button to automatically redial the last number(music will pause)

Earphones LED Indicator Status

Charging	Red LED Light
Charging Complete	Light off
Power ON	Blue LED light flashes for one second
Power Off	Red LED light flashes for one second
Pairing Mode	LED light flashes in red and blue alternately
Power On (Not Connected)	Blue LED light flashes once every 2 seconds
Power On (Connected)	Blue LED light flashes once every 5 seconds
Power On (Talking)	Blue LED light flashes once every 5 seconds
Power On (Dial Call)	Blue LED light flashes once every 1 seconds
Power On (Incoming Call)	Blue LED light flashes once every 1 seconds
Power On (Play Music)	Blue LED light flashes once every 5 seconds
Battery Low	Red LED light flashes once every 20 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. Pull charging case: Blue light breathing
2. Close charging case: light off
3. Charging (charging case is closed):lighting blue
4. Charging completed (charging case is closed):light off
5. Low battery (pull charging case):blue light flashing
6. Earphone R & L put into the charging case(Blue light breathing):after closed the charging case, charging case light off; earphones in charging, bright red LED light; earphones charging completed, earphones light off.
7. When charging case of electricity shortage, Using Micro USB cable to connect computers or USB port adapter power to charging, light blue led light when charging; charging completed, case light off.

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.