深圳市迈斯科技有限公司
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T5 TWS Specifications and User Manual

20200305

FCC ID: 2AR23-T5

Earphone Basic Specifications

■ Size: single-earphone 23.4x18.5x21mm
■ Weight:6.3g (Only one earphone)
■ Earphone Charging Port:magnetic type
■ Button: 1 (MFB)
■ Charge indicator:Blink blue light (Charging) / light off (Charging completed)
■ Battery :Li-polymer Battery 80mAh 3.7V/0.296Wh(One earphone)
■ Earphone Charging Current: 120mA
■ Earphone Charging time: 2 hours
■ Working Voltage: 3.3V~4.2V
■ Standby time: about 80 hours
■ Battery and Power
■ Earphone(single charge):
Music Time: 5.5~6 hours
Talking Time: 6 hours
■ Earphone with Charging case:
Music Time:55-66 hours
Talking Time:66 hours
※ Working time of main earphone in the state of two earphones:＜5 Hours
■ Bluetooth version: Bluetooth 5.1
■ Bluetooth chip: **JL AC6936D**
■ Support Profile: HSP, HFP, A2DP, AVRCP
■ The remote control to earphones: MFB (Play/Pause/Stop, Volume+/Volume-, Next song, Previous song)
■ Paring name: T5

■ Pass: 0000
■ RF transmit: class 2
■ RF input impedance: 50ohm
■RF Emissive Power: 9 dBm
■ 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、ACC
■ SNR: >95dB
■ Working temperature: -15℃～+60℃
■ Working humidity: 10%~85%(in a non-frozen state)
■ waterproof level ： IPX5

Speaker

■ Speaker specifications / mode: Φ9mm
■ Impedance: 16Ω/ typ
■ Frequency(Hz): 20Hz～20KHz
■ Sensitivity: 93±3dB
■ Input Power: 3 mW (normal), 5mW (maximum)

MIC

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

Basic Specifications of Charging box

■ Size:76.2x42.9x23mm
■ Weight:72g
■ Charging Port: Micro USB
■ Charging LED indicator/charging completed indicator: Blink blue/Steady blue light.
■ Battery:Li-polymer Battery 400mAh 3.7V/1.48Wh
■ Input Voltage :DC5V
■ Charging current:3000mA
■ Output Voltage:DC5V
■ Discharge current:120mA
■ Working temperature: -15℃～+60℃
■ Working humidity: 10%~85%(in a non-frozen state)

Operating Instructions

Bluetooth pairing

1. Take out both earphones from the charging case,they interconnected within 10 seconds,you can hear a “click” if wearing; with “Pairing” prompt tone, afterward to enter pairing mode;
2. Activate Bluetooth connection on your device and select T5, with “Connected” after successfully connected;

Music and calls

	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
Voice assistant		X3

*All the above function are for touch operations.
*Right earphone is master.

For MONO:
Right earphone as mono:

Charging

Charging the earphones

Place the earphones in the charging case,they will automatically shut down and start charging,indicated by a flashing blue light.Light turn off when it is completely charged.

Earphone status lights

Charging	Flashing blue light
Full charge	Light off
Pairing	Blink blue light

*Your earphones let you know your battery level is low.Every 20 seconds you will hear “Battery Low”when there is 5 minutes of battery level.

Charging the case

Connect an adapter with 5V output voltage (compatible) with a Micro USB cable.

Case status lights

Charging	Flashing blue light
Full charge	Steady blue light

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.

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.