

WSE-01 instruction manual

1. Overview

Neck mounted Bluetooth headset, metal earcase, dual battery design, magnetic suction, convenient storage, fashionable appearance

2. Product pictures



3. spec.

Product name	Bluetooth earphone
Product model	WSE-01
Bluetooth device name	Bluetooth earphone
Music transmission mode	A2DP
Voice call transmission mode	HFP
texture of material	ABS + TPE + aluminum alloy
Bluetooth transmission distance	$\geq 10\text{m}$ (open and barrier free)
Bluetooth version	Bluetooth.5
Bluetooth protocol	HSP/HFP/A2DP/AVRCP
Wireless transmission frequency	2400-2483.5MHz
Bluetooth audio decoding format	SBC/AAC

Headphone battery capacity	100mAh
Battery charging time	1-2 hour
Duration of continuous music playing	>6 hours (test condition: iPhone 6S, pink noise 50% volume)
Continuous call duration	>About 6 hours
Weight (headset)	33.2g

4. Electrical performance parameters

Headphone output voltage / current	4.2V-20mA (max)
Headphone charging current	90mA
Overcharge protection voltage	$4.3 \pm 0.1V$
Over discharge protection voltage	$3.1 \pm 0.1V$
Short circuit protection	Yes
working voltage	3.0V-4.2V
1KHZ 0db (iPhone 6s)	105dB
Call power consumption	$12mA \pm 5mA$
standby power	$1mA \pm 0.5mA$
Power consumption of shutdown	$<6\mu A \pm 2\mu A$
Bluetooth transmitting power	3dBm
Output power (1kHz 0dB)	2.6mW/16 Ω
frequency range	20Hz-20KHz
Audio signal to noise ratio (PCBA)	>85D, rated power
Audio output distortion rate (PCBA)	<0.3%,
microphone sensitivity	$-41dB \pm 2dB$
Horn sensitivity	$101 \pm 3dB$ at 1KHz

5. Function description (UI)

UI operation instructions

Key category	effect	current state	operation
many Work can key	Power on	Shut down	Press and hold "FMB" key for 3 seconds
	Shut down	Power on	Press and hold "FMB" key for 3 seconds
	Enter pairing state	Shut down	Press and hold "FMB" key for 5 seconds
	play	Connected	Short press "FMB" key once
	suspend	Music playing	Short press "FMB" key once

	Answer	The first call came in	Short press "FMB" key once
	refuse	The first call came in	Press and hold "FMB" key for 2 seconds
How much Bond work	Hang up	Both sides are on the phone	Short press "FMB" key once
Volume up Minus key	Increase the volume by one step	Increase the volume by one step	Press the "+" key for 1 second
	Next song	Next song	Press and hold the "+" key for 2 seconds
	Reduce the volume by one step	Reduce the volume by one step	Short press the "-" key for 1 second
	Last song	Last song	Long press the "-" key twice
Key combination	Switch between Chinese and English mode	Not connected or connected mode	Press and hold [volume up + volume down] for 5 seconds
When there is no connection / disconnection, it will shut down automatically in 5 minutes			

Description of LED indicator	
state	LED light indication
Power on	When the blue light flashes three times, the red and blue lights flash at the same time
Shut down	The red light flashes three times
Pairing status	Red and blue lights flash alternately
Connected	The blue light flashes every 4 seconds
Not connected	Red and blue lights flash alternately
Restore factory settings	Red and blue lights flash three times at the same time
Charging	The red light is always on

Fully charged	The blue light is always on
Play music	The blue light flashes every 4 seconds
Low power state	Turn to red light flashing (10% power starts to remind), only once (do not remind repeatedly)
Description of voice prompt	
Power on	Voice prompt "power on"
Shut down	Voice prompt "power off"
Enter pairing state	Voice prompt "pairing"

FCC Warning Statement

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

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