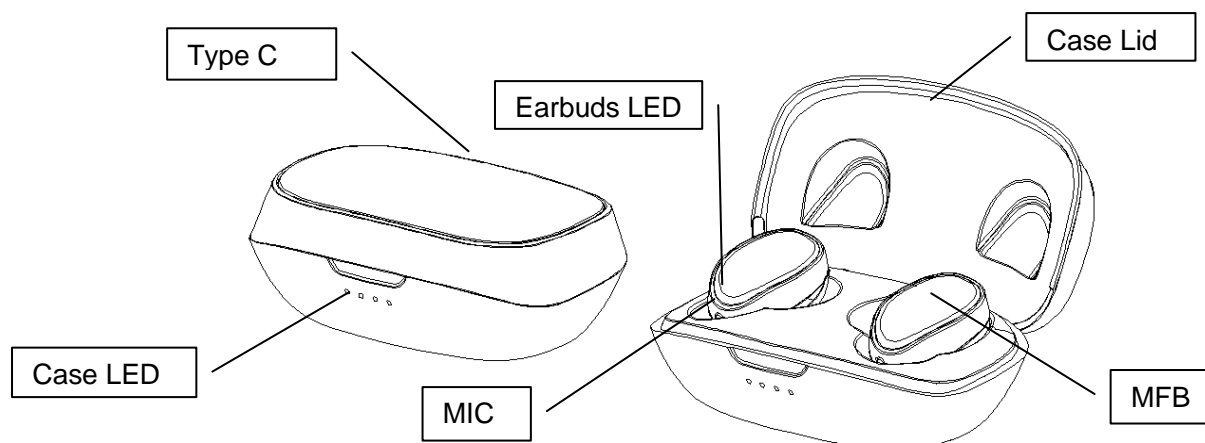


User manual

Aikun TWS hello V68

True wireless stereo Bluetooth earbuds specifications

Version 20200321



V68 TWS Earbuds basic parameters

- **Dimensions:** (Width: 41MM, length: 65MM, height: 27.6MM)
- **Weight:** Charging warehouse 32.4 ± 3g- Finished product: 41.6 ± 3g
- **Charging Port :** TPYE-C
- **Charging light indicators:** Charging light flashes / If full battery light always on
- **Case battery:** lithium polymer rechargeable battery, 702025, 300mAh
- **Case charging current:** 250mA-300mA
- **Case Charging time:** 1 - 1.2 Hour
- **Charging headset Cycles :** 3 times
- **Earbuds battery:** lithium polymer rechargeable battery, 401015, 45mAh
- **Earbuds charging current:** 40mA-50 mA
- **Earbuds charging time:** about 1- 1.2Hour
- **Working voltage:** 3.1V-4.2V
- **Music listening current:** MAX 6-11mA (depending on volume and audio content)
- **Call current :** max. 20mA
- **Shutdown current :** 32uA
- **Headphone standby time :** about 72hs
- **Music time :** 3.5-4 hours (@50% Sound Volume - depending on volume and audio content)
- **Talk time:** 3 hours
- **Bluetooth version :** Bluetooth 5.0
- **Bluetooth chip:** AC69536D
- **Support Profile :** HSP, HFP, A2DP, AVRCP
- **Multi Function Button:** MFB (Play / Pause / Voice Assistant / Answer-Reject Call / Hang Up/V+/V-)
- **Pairing name:** V68 – Customized MOQ 3K
- **Pairing code:** No pairing code required
- **RF transmit power:** Class 3
- **RF input impedance:** 50ohm
- **RF emission intensity:** 0 dBm
- **RF receiving sensitivity:** -86dBm
- **Transmission range (Hz):** 2.402GHz ~ 2.480GHz

- **Communication distance:** 10m (35m in open space without obstacles)
- **Audio sampling accuracy:** 16bits
- **Audio sampling rate :** 44.1 ~ 48kHz
- **Audio encoding format :** SBC, AAC
- **Signal to noise ratio :** > 93dB
- **Working temperature :** -15 °C ~ + 60 °C
- **Operating humidity :** 10% ~ 85% (non-freezing state)

Earbuds Speaker parameters

- **Speaker specifications :** Φ8mm
- **Impedance :** 16Ω / typ
- **Frequency :** F50 ~ 20KHz
- **Sensitivity :** S.P.L95 + .- 3dB
- **Output power :** conventional 3MW

Earbuds MIC parameters

- **MIC type :** SMD type
- **Impedance :** 330Ω / typ
- **MIC sensitivity:** -42 ± 1dB
- **SPL:** 123dB

TWS headset operation

- **Auto Contact:** Open the charging case lid earbuds will power on and Automatically connect
- **Power On/Off:** Touch the left or right multifunction keys for 3 seconds to turn on or off
- **Play music:** Mobile phones will automatically start music player when Bluetooth is connected
- **Pause music:** When playing music, tap the MFB once to pause the music (left and right ear operations are effective)
- **Play music:** (in the pause state): touch the MFB again (the left and right ear operation is effective)
- **Previous song:** Touch **left** MFB twice for previous song
- **Next song:** Touch **right** MFB twice for next song
- **Answer call while playing music :** Touch the MFB briefly (the concert remains paused).
- **Play music after the call ends:** shortly touch the MFB (the previously paused concert restarts playing)
- **Call rejection when playing music:** Long-touch MFB for 3 seconds to reject incoming call
- **Volume Control + :** long touch the **right** ear MFB to increase the volume

- **Volume Control** – : long touch the **left** ear MFB to decrease the volume
- **Wake up voice assistant** : Touch the left and right MFB 3 times to wake up the SIRI function
- **Answering a call**: Press the left and right ear MFB for 1 second to answer the call
- **Hang up the call**: short press the left and right ear MFB for 1 second to hang up
- **Reject incoming call**: Press and hold left or right earbuds MFB for 3 seconds to reject call
- **In-Ear Detection**: When put in the ear will hear A “beep” and Auto play music. Take off the earbuds from ear will Auto pause the music

LED display in each state of the headset

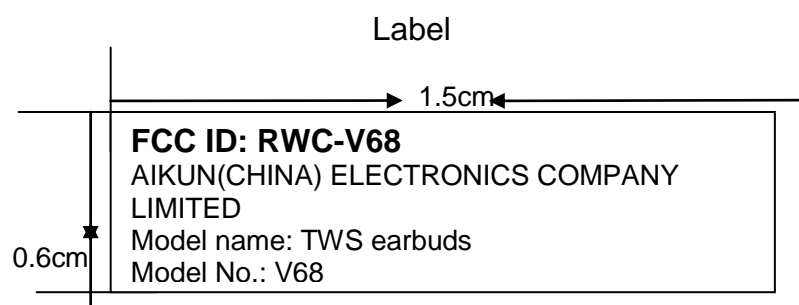
- **Power on** : White light stays on for 1 second
- **Shutdown** : White light stays on for 1 second
- **Pairing** : White light flashes quickly
- **TWS pairing** : the left ear flashes blue quickly, the right ear flashes slowly
- **Unconnected at startup (back connection state)**: blue light flashes slowly
- **Connected**: no light
- **Play music**: no light
- **Outgoing call**: no light
- **Incoming call**: no light
- **During call**: no light
- **Charging** : earbuds put into the charging case the blue light will breathing about 10 seconds
- **Charging completed**: The charging case light is **on** when the headset is fully charged
- **Battery indicators** : When the headset has 3% remaining battery power, it will prompt every minute. Accompanied by "Battery low" sound (no light)

Remarks:

If there is no mobile phone connected at startup, earbuds will automatically shut down after 5 minutes.

Pairing time: Automatically exit pairing mode after 3 minutes without connecting to the phone.

Apple mobile phone displays headset power



FCC warning statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

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