

Vaxis Air User Manual

Model: L220406

1、 Product Overview.

L220406 is an open ear Bluetooth sports headset developed by our company, the product is designed with Qualcomm QCC3034 main chip. The solution has the characteristics of high quality and compatibility. After the Bluetooth function of mobile phones, computers, PDAs and other digital products are connected to the headset, you can enjoy Bluetooth music or hands-free calls through the device.

2、 Application areas.

Products are mainly used for short distance music wireless transmission, headphones can be easily connected with laptops, mobile phones, PDA and other digital products Bluetooth devices to achieve wireless transmission of music; connected to mobile phones can achieve hands-free call function;.

3. Performance parameters.

Main chip QCC3034

Bluetooth specification Bluetooth V5.1

Frequency range 2.4GHz - 2.480GHz

Wireless transmission range approx. 10m

Bluetooth protocol support HSP HFP AVRCP A2DP SBC APTX APTX_LL APTX_HD

Output audio Dual speaker stereo

Speaker specification \varnothing 16.2mm 16 Ω 118 \pm 3Db 20HZ~20KHZ

Connectable device 1pc

L220406 Open Ear Bluetooth Headset with Mic Bar

Operating voltage DC 3.1V-4.2 V

Operating current approx. 25mA (current varies by code)

Shutdown current approx. 1.4uA

Low battery alarm voltage 3.4 V

Low battery shutdown voltage 3.1V

Built-in lithium battery 250mAh

Charging voltage DC+5V

Charging normal operating temperature 0~45°C

Charge protection cut-off voltage approx. 6.0V

Charging current approx. 170mA

Fully charged time approx. 2H

No connection auto shut-off time 10 minutes

Out-of-range auto switch-off time 10 minutes

Calling function Yes

Voice assistant Yes

Clear pairing list No connection, press and hold the plus/minus key for 6 seconds to clear the pairing list

Number of keys 3

Toggle switch 1

External connector Type-C USB holder

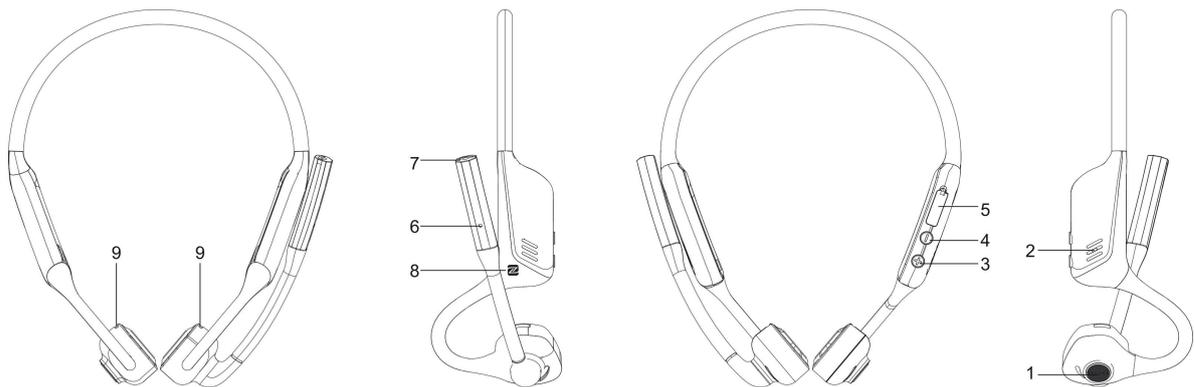
L220406 Open Ear Bluetooth Headset with Mic Bar

3. Product appearance.

3.1 Renderings



3.2 Key interface definition



1. Multi-function keys: power on/off; pause/play; answer/hang up

2. Indicator light

3. Next song/Volume+

L220406 Open Ear Bluetooth Headset with Mic Bar

4. Previous song/Volume -
5. Type-C charging port
- 6/7. Microphone
8. NFC Pairing
9. Speaker outlet

4. Operation steps

4.1 Switch on: Press and hold the multi-function key for 3 seconds, the Bluetooth device will automatically switch on, the blue light will be on for 1 second and then the blue light will flash slowly intermittently; (if there is no pairing record, the red and blue lights will flash alternately)

4.2 Power off: press and hold the multi-function key for 3 seconds, the red light will be on for 2 seconds and then the Bluetooth device will automatically power off.

Note: the power on state, to the headset charging, the headset will automatically shut down.

5. Usage instructions

5.1 Pairing with a mobile phone

1. First time use, the headset needs to be paired with a mobile phone connection.
2. In the off state, long press the multi-function key for about 6 seconds until the red and blue lights flash alternately, the device automatically enters pairing mode; (no pairing connection record in the case of power on, the red and blue lights flash alternately)
3. Open the Bluetooth function of your mobile phone, search for the Bluetooth device name "L220406",

L220406 Open Ear Bluetooth Headset with Mic Bar

select it and connect it.

4. If necessary, you can enter the password "0000".
5. After successful connection, the blue light intermittently indicates.

Note: After successful connection, the next time you turn on the L220406, the headset will automatically connect back to the last connected phone.

5.2. Music playback

1. pause/play: short press the multi-function key.
2. next song: long press the "+" key.
3. previous song: long press the "-" key
4. volume up: short press the "+" key
5. volume down: short press on the "-" key

5.3 Bluetooth calls

1. answering an incoming call: short press on the multi-function key to answer the incoming call.
2. Hang up: short press the multi-function key to hang up the current call.
3. Reject a call: long press the multi-function key for 1 second to reject the call.
4. Call back: double-click the multi-function key to call back the last call made by the phone.
5. Call switching: while on a call, press and hold the multi-function key for 1 second to switch calls between the phone and the device.
6. Incoming calls while on a call:

1> Short press the multi-function key to answer a new call and hang up the current call.

2> Long press the multi-function key for 1 second to answer a new call and keep the current call.

L220406 Open Ear Bluetooth Headset with Mic Bar

7. call volume plus: short press the "+" key.

8. call volume down: short press the "-" key.

Note: Turn the microphone to the front end when talking and set the microphone mute switch to the non-mute mark position to avoid affecting the call effect.

5.4 Voice assistant

When the phone is connected, press and hold the "+ -" key for 1 second to switch the voice assistant function on or off.

5.4 Mute the microphone

When talking, turn the microphone mute switch to the mute mark position so that the other party cannot hear your own voice.

5.6 Clearing the Bluetooth pairing list

When there is no connection, press and hold the "+ -" button for about 6 seconds until the red and blue lights are on for 2 seconds at the same time, the headset will automatically clear the Bluetooth pairing list and re-enter pairing mode.

5.7 Low battery alarm

When the battery is low, the Bluetooth device will automatically alarm and the status light will change to a red indicator; if the power runs out, the headset will automatically switch off.

5.8 Charging the device

L220406 Open Ear Bluetooth Headset with Mic Bar

When the device is low on power or cannot be switched on, it can be charged by inputting DC 5V through the USB cable; the red light is on for a long time when charging; the red light automatically turns off when the battery is full.

Note: The headset will automatically switch off when the charging cable is plugged in during the power on state.

6. Caution:

1. please use a Type-C USB cable to connect a DC+5V adapter to power or charge the product to avoid abnormal working of the product.
2. Because the wireless signal of Bluetooth will be blocked and absorbed by surrounding objects, try to place it in an obstacle-free position from the Bluetooth connected device in use so that you can enjoy better quality music.

Any 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.

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.

L220406 Open Ear Bluetooth Headset with Mic Bar

- 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.