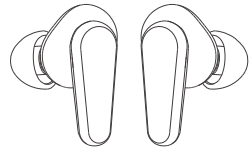


61.75 mm

90.00 mm

JOWAY



H112

使用操作说明

User manual

FCC ID: 2AEZ4-H112

真无线3D游戏音乐耳机



无线连接操作

单个耳机连接:

1. 请将无线耳机和手机（或其他连接设备）的距离在 1 米的范围内，越近越好；
2. 确保耳机在关机状态，从充电盒拿出无线耳机，耳机自动开机后立刻长按按键约4S进入手机配对模式（红蓝交替闪）；
3. 开启用户手机无线功能（或其他无线设备），并进行搜索或扫描，此时手机会搜索到附近所有的无线设备，点选搜索到的耳机名称：JOWAY H112 3D，成功配对连接后，耳机指示灯由红蓝交替闪转为红蓝灯常亮1秒后熄灭，表示配对连接成功！此时可以进行手机电话、听歌了！

两个耳机连接：

1. 从充电盒中取出左右耳机，此时耳机自动开机，当其中一只耳机红蓝灯闪烁而另一只耳机无闪灯时，表示完成TWS配对。
2. 开启手机设备无线功能进行搜索，选择 JOWAY H112 3D，点击连接，完成配对，此时可以进行手机电话、听歌了！

TWS耳机异常：

1. 请将两个无线耳机的距离在 0.5 米的范围内，越近越好，确保耳机在关机状态，从充电盒拿出两个无线耳机，此时耳机各自自动开机（LED蓝灯亮1S）、立刻长按按键约4S、使其两个耳机进入手机配对模式（红蓝交替闪）再双击按键使其两个耳机进入TWS配对状态（LED蓝红同时闪烁）
2. TWS 配对成功后，首次左耳机蓝灯红灯交替闪烁，右耳机无灯闪（耳机再次使用先连接手机的为灯闪）

3. 开启用户手机无线功能（或其他无线设备），并进行搜索或扫描，此时手机会搜索到附近所有的无线设备，点选搜索到的耳机名称：JOWAY H112 3D，成功配对连接后，耳机指示灯转为红蓝灯常亮1秒后熄灭，表示配对连接成功！此时可以进行手机电话、听歌了！

充电盒电量显示说明

- (1). 充电显示（即用外部充电器给产品充电时的电量显示）：
开盖电量从0%~100%闪烁递增充电电量在100%充电时显示100常亮。
- (2). 放电显示（即本产品给配套无线耳机充电时指示效果）：
开盖电量在100%~0%时LED屏常亮递减式显示电量放空后显示屏熄灭
- (3). 放电(给配套无线耳机充电)使用说明：
放电：充电盒给无线耳机充电，当无线耳机充满时，充电盒会自动进入休眠低功耗状态。整体耗电电流小于 100uA。

耳机使用

(1). LED指示状态

- 手机配对状态：蓝红灯交替闪烁；
- 回连状态：蓝灯快闪；
- 开机状态：蓝灯亮1S；
- 关机状态：红灯亮2S；
- 充电状态：红灯常亮；
- 充电完成：红灯熄灭；
- TWS配对状态：红蓝同时闪；
- TWS配对成功状态：一个耳机红蓝交替闪烁，一个耳机不闪烁（耳机再次使用先连接手机的为灯闪）；
- 手机配对成功：红蓝亮1秒后熄灭
- 清除配对列表：红蓝亮1S后红灯亮1S

(2) 按键功能操作

- 开机：拿起无线耳机，耳机自动开机蓝灯常亮1S，同时有提示音；
- 关机：将无线耳机放入充电盒耳机自动关机，进入充电状态，红灯常亮；
- 回连状态：从充电盒拿起无线耳机，耳机开机后自动进入回连状态(约20S)；
- 接听：有来电时，双击按键实现接听；
- 挂断：在接听状态，双击按键实现挂断电话；
- 来电拒接：有来电时，长按按键约2秒实现拒接电话；
- 语音拨号：在已连接、待机状态三击左或右耳机按键即可启动苹果手机的 Siri 助手及部分安卓手机的 语音助手；
- 音量默认最大音量
- 游戏模式：在已连接状态长按按键2S打开游戏模式或启动音乐模式；并有相应“游戏模式”、“音乐模式”语音提示音。（默认为关闭状态，不帶记忆）；
- 游戏低延时：当玩游戏时长按按键，低延时功能瞬间启动；
- 暂停/播放：双击实现暂停/播放；
- 语音切换（英/中文）：耳机在配对模式三击按键（默认中文）；
- 手动开机：耳机在关机状态下，长按耳机按键约2S(耳机未在充电盒、且关机状态)
- 清除配对列表：回连状态下三击按键，且第三次不松手约2S直到红蓝灯同亮后进入关机，表示清除配对列表成功；
- 复位：充电时自动复位；

耳机参数

- ▷ 产品名称: 真无线3D游戏音乐耳机
- ▷ 型号: H112
- ▷ 无线版本: Bluetooth V5.0
- ▷ 支持无线协议: A2DP V1.3、AVRCP V1.6、AVDTP V1.3、AVDTP V1.4、HFP V1.7、SPP V1.2、HSP V1.2、GATT V1.0

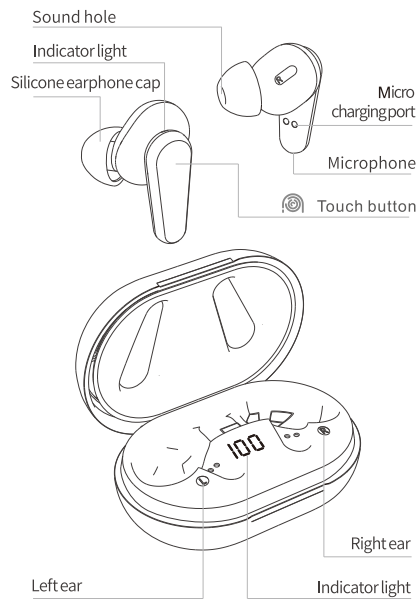
- ▷ 无线工作频率: 2.402GHz-2.480GHz
- ▷ 控制方式: 1个触摸按键
- ▷ 扬声器单元: 6mm, 16R高保真钕铁硼
- ▷ 接收灵敏度: -91 dBm
- ▷ 电池容量: 43mAh
- ▷ 音乐时间: 约5小时 (80%音量)
- ▷ 通话时间: 约5小时 (80%音量)
- ▷ 耳机+充电舱 播放时间: 约25小时
- ▷ 充电时间: 约 1.5
- ▷ 无线有效距离: ≥10m
- ▷ 最佳通话距离: <10m

充电盒参数

- ▷ 电池容量: 500mAh
- ▷ 充电输入标准: TYPE-C, DC5V, 300mA
- ▷ 充电时间: 约2小时
- ▷ 续航能力: 约4次(双耳充电)

产品使用时警告事项及注意事项！

1. 切勿使用具有磨蚀性的清洁剂清理本产品。
2. 切勿让本产品加热或靠近火源，如煮食炉。
3. 切勿让本产品长时间受阳光直接照射。
4. 切勿将本产品弃置于火中，避免发生爆炸。
5. 切勿尝试拆开本产品作出任何修改，因为它并不包含任何维修组件。
6. 切勿在雨中使用本产品。
7. 如果长时期内不打算使用本产品，请您将它储存在干燥的环境中，并每月至少为耳机充电一次以延长寿命，避免极端的温度和灰尘。
8. 充电接触点表面脏污会导致充电接触不良，请及时清理。



Bluetooth Connection Operation

Single earphone connection:

1. Make sure that the distance between the bluetooth earphone and the mobile phone (or other connected devices) is within 1 meter. The closer, the better.
2. Make sure the earphone is in off state, take out the earphones and they will power on automatically, then long touch the button for about 4s to enter into pairing mode.
3. Turn on the bluetooth function of the device, search and connect with the Bluetooth: JOWAY H112 3D. After connecting, the blue light will turns on for 1s then turns off from the red and blue light flash. Then you can answer the phone call and listen to music!

Two earphones connection:

1. Take out the two earphones and they will power on automatically, one earphone with red and blue light flash alternatively and the other with no light, TWS paired.
2. Turn on the bluetooth on the device, search and connect with JOWAY H112 3D. Then you can answer the phone call and listen to music!

TWS earphone abnormal:

1. Make sure the distance between left and right bluetooth earphones is within 0.5m. The closer, the better. Take out bluetooth earphones from the charging case. The earphones will power on automatically (LED blue light turns on for 1s), then long touch the button for about 4s to let the two earphones enter into TWS state. (Red and blue light flashes at the same time).
2. After TWS paired, one earphone with red and blue light flash alternatively and the other with no light. (Later, the earphone which connect wit the mobile first light flashes.)
3. Turn on the bluetooth function of the device, search and connect with the Bluetooth: JOWAY H112 3D. After connection, the red and blue light turn on for 1s then turn off! Then you can answer the phone call and listen to music!

Charging Battery Display

- (1). Charging display (that is, the power display when using an external charger to charge the product):
The power of the cover opening flashes from 0% to 100% and increases When the battery is 100% full, the display shows 100 steady light.

- (2) Discharging Battery Display (Charge for the bluetooth earphones)
When the power of the cover is open, the LED screen is always on and the display is off when the power is empty.

- (3) Discharging usage (charge for the bluetooth earphones)
Discharge: the charging case charges the bluetooth earphones. When the bluetooth earphones are fully charged, the charging case will automatically enter into the sleep state with low power consumption. The overall power consumption is less than 100uA.

Earphone Usage

LED indicator light

- Pairing: blue and red light flash alternatively.
- Re-connection: blue light flashes quickly.
- Power on: blue light turns on for 1s.
- Power off: red light turns on for 2s.
- Charging: red light turns on.
- Fully charged: red light turns off.
- TWS pairing: red light turns off.
- TWS paired: one earphone red and blue light flash alternatively and the other without lights. (The earphone which connect with the mobile phone first with lights flash.)
- Paired with mobile: red and blue light turn on for 1s.

Clear the pairing list: red and blue light turn on for 1s then red light turns on for 1s.

Button Function

- Power on: take out the earphones and they will power on automatically with blue light turns on for 1s and prompt sound.
- Power off: put the earphones into the charging case and they will power off automatically and enter into charging state with red light.
- Re-connection: take out the earphones from the charging case and they will enter into re-connection state automatically. (about 20s)
- Answering: touch or double touch the button.
- Hang up: double touch the button.
- Voice dial: long touch the left/ right earphone about 2s to start up siri or other voice assistant of android mobile.
- Last song: long touch the right earphone button.
- Next song: long touch the left earphone button.
- Game mode: In the connected state, long press the button 2S to open the game mode or start the music mode.
- And there are corresponding "game mode", "music mode" voice prompts. (default is off state, without memory);
- Low-latency game: When you press and hold the button while playing a game, the low-latency function starts instantly;
- Pause/ play: touch or double touch.
- Language shift (Chinese and English): triple touch the button in paired mode. (English version by default)
- Clear the pairing list: during the re-connection mode, triple touch the button and press for 2s until red and blue light turn on at the same time and then turn off.
- Reset: the earphones will reset automatically when charging.
- Maximum volume by default

Parameter Information

- ▷ Product name: True wireless stereo bluetooth headset
- ▷ Model: H112
- ▷ Bluetooth version: Bluetooth V5.0

- ▷ Support Bluetooth profile: A2DP V1.3、AVRCP V1.6、AVDTP V1.3、AVDTP V1.4、HFP V1.7、SPP V1.2、HSP V1.2、GATT V1.0
- ▷ Bluetooth working frequency: 2.402GHz-2.480GHz
- ▷ The control mode: One touching button
- ▷ Speaker unit: 6mm, 16R NdFeB
- ▷ TYP: Receiving sensitivity: -91 dBm
- ▷ Battery: 43mAh
- ▷ Music time: About 5 hours
- ▷ Talk time: About 5 hours
- ▷ Earphone + Charging case play time: About 25 hours
- ▷ Charging time: About 1.5 hours
- ▷ Bluetooth range: ≥10m ▷ (TBR): <10m

Charging Case

- ▷ Battery: 500mAh
- ▷ Charging input criteria: TYPE-C, DC5V, 300mA
- ▷ Charging time: About 2 hours
- ▷ Charge times for earphone: 4 times (Double earphone charging)

Warm Prompt !

1. Please don't use corrosive detergent to clean the product.
2. please keep the product far away from hot.
3. please don't make the product be exposed by the sunlight for a long time.
4. please don't through it in the fire to avoid explosion.
5. Please don't attempt to disassemble the product, because it don't including any repair kits.
6. Please don't use the product in the rain.
7. If you don't use it for a long time, please put it in a dry environment and charge it at least once a month to prolong its service life.
8. The dirty surface of the charging contacts may lead to poor contact, please clean it in time.

FCC Caution.

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.
(2) this device must accept any interference received, including interference that may cause undesired operation.

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

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.