

# **A&S Batman TWS Wireless Charge TWS02SE**



## **User Manual**



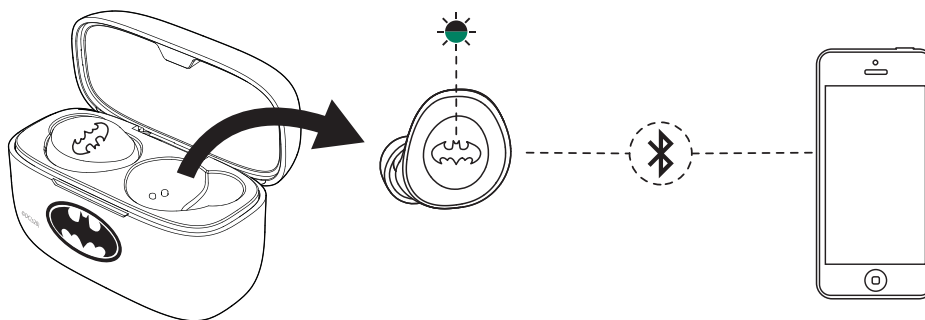
## Contents

Contents	1
Bluetooth Pairing	2
TWS Operation	4
Specifications	5
Precautions	6
FCC WARNING	7

## Bluetooth Pairing

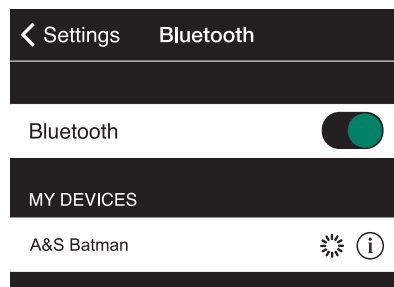
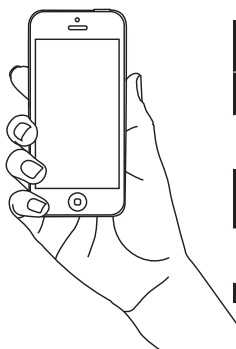


- a. Pairing your device for the first time:  
 First step - Please make sure the headset is fully charged before starting pairing.  
 \*The headphones and charging case are packaged separately.

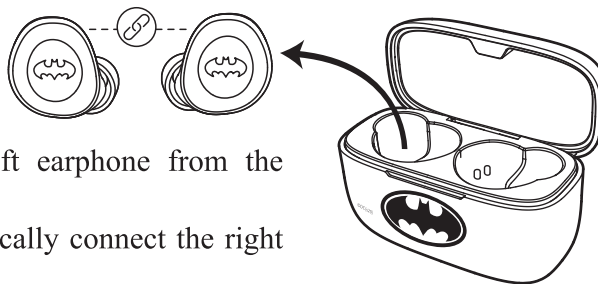


- Second step - Remove the right earphone from the charging case and it will automatically enter pairing mode.  
 Startup sound, Power On indicator flashes quickly.

## Bluetooth Pairing



Third step - Go to the Bluetooth menu in your device.  
Select "A&S Batman"  
Make a connection



The fourth step - Remove the left earphone from the charging case,  
It will automatically connect the right earphone.

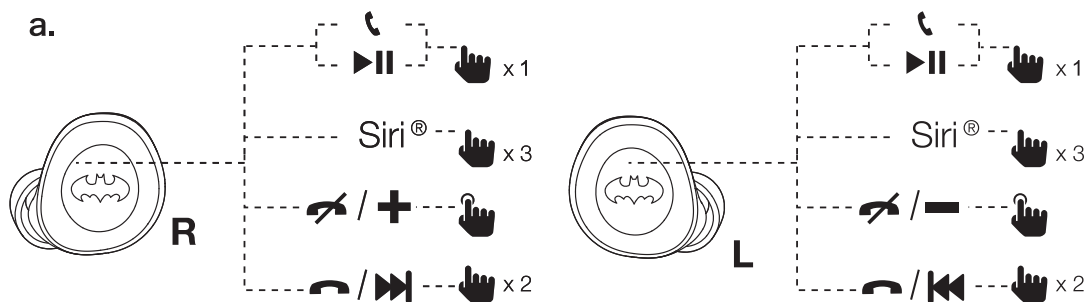
b. Second pairing:

When removing the headset from the charging case,  
The wireless connection is established automatically.



c. When put in the charging case, the headset will automatically turn off and start charging.

## TWS Operation



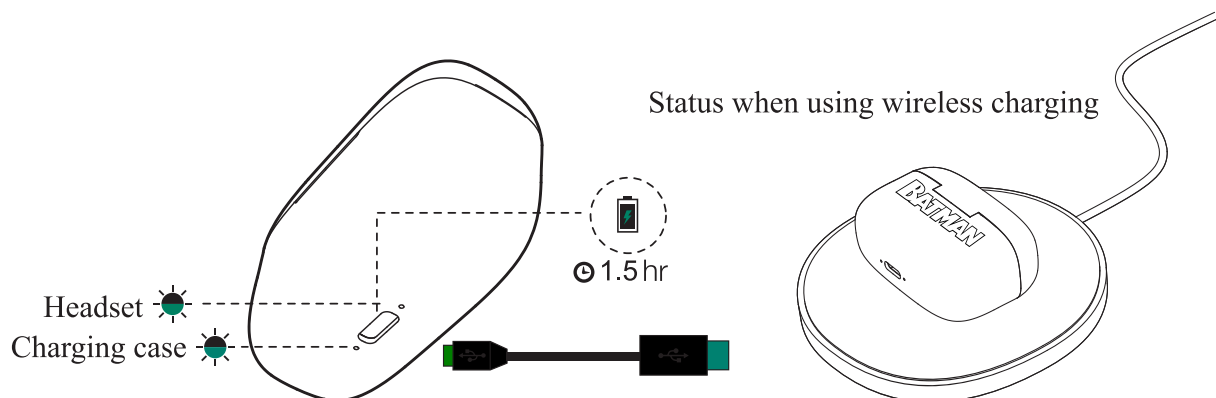
b. Press and hold for 5 seconds to switch on manually



c. Clear Binaural Pairing

Touch the left or right ear three times in unpaired mode (third press and hold for 3 seconds)

## Charging Case





## Specifications

Speaker Size:  $\varnothing 6\text{mm}$   
Speaker Impedance:  $16\Omega$   
Frequency Range: 20Hz-10kHz  
Sensitivity:  $99 \pm 3\text{dB}$

Bluetooth Version: 5.0  
Bluetooth Technology: 2.4G  
Bluetooth Protocol: HSP, HFP, A2DP, AVRCP  
Bluetooth Transmission Distance: 10-15M

Charging Box Charging Method: ① Type-C ② Wireless Charging  
Charging Box Charging Voltage: DC5V ~ 6V  
Charging Case Charging Current: 0.4A  
Charging Case Standby Power Consumption: 75uA  
Charging Box Output Current: 0.5A  
Charging Time: 1.5H  
Charging green light 1Hz blinks. Full green light is always on.  
Discharge blue light is always on. Low battery blue light flashes at 1Hz.

Charging Box Battery: 500mAh can charge the TWS 3-4 times  
TWS Battery: 50mAh 2pcs

TWS Charging Method: Put into the charging box with the contact of the thimble contact to charge  
TWS Charging Current: 45mA  
TWS Charging Time: 1.2H  
TWS Full Playback Time: 6H-8H  
TWS Function Switch Working Mode: Touch

TWS Waterproof Rating: IPX5



## Precautions

### Avoid Hearing Damage

WARNING: permanent hearing loss may occur if headphones are used at high volume. Set the volume to a safe level. You can adapt over time to a higher volume of sound that may sound normal but can be damaging to your hearing. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked. The louder the volume, the less time is required before your hearing could be affected. Hearing experts suggest.

That to protect your hearing:

- Limit the amount of time you use the headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn down the volume if you can't hear people speaking near you.

WARNING: To prevent possible hearing damage, do not listen at high volume levels for long periods

### Keep Out of Reach of Children

WARNING: the small parts included with product can be a choking hazard. This product is not intended for use by small children and should be kept away from children under 3 year of age.

### Do Not Use While Driving

Use of headphones while operating a vehicle is not recommended and is illegal in some areas. Check and obey the applicable laws and regulations on the use of headphones while operating a vehicle. Be careful and attentive while driving. Stop listening to your audio device if you find it disruptive or distracting while operating any type of vehicle or performing another activity that requires your full attention.

### In case of skin Irritation

Headphones can lead to ear infections if not properly cleaned. Clean the earbuds frequently with an antiseptic such as isopropyl alcohol. If a skin problem develops discontinue use. If the problem persists, consult a physician.

### Avoid Electrostatic Shock

When using headphones in areas where the air is very dry, it is easy to build up static electricity and possible for your ear to receive a small electrostatic discharge from the headphones. To minimize the risk of electrostatic discharge from the headphones in extremely dry environments, or touch a grounded unpainted metal object before inserting the headphones.

### Disposal and Recycling

This symbol indicates that this product and/or battery should not be disposed of with household waste. When you decide to dispose of this product and/ of its battery, do so in accordance with local environmental laws and guidelines program.



## FCC WARNING

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. Any changes or modifications not expressly approved by the party responsible for compliance

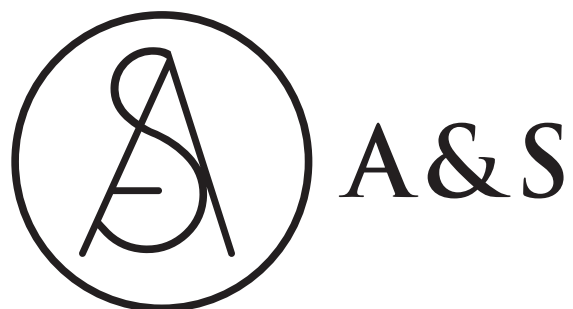
could void the user's authority to operate the equipment.

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





**A&S Batman  
TWS Wireless Charge  
TWS02SE**



**说明书**



## 目录

目录	1
无线设备配对	2
耳机操作	4
充电盒	4
产品规格	5
注意事项	6

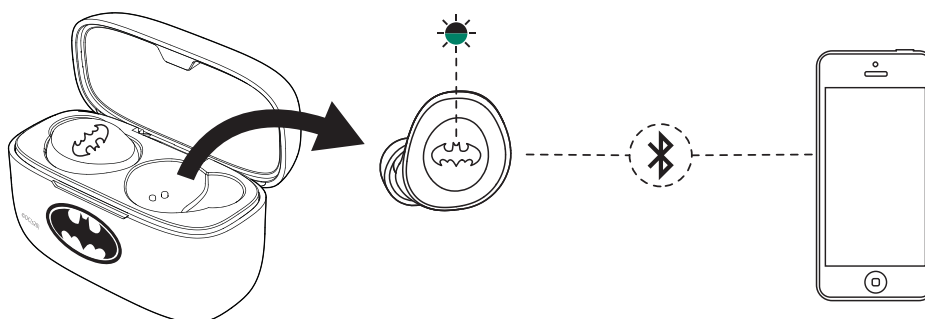
## 无线设备配对



a. 首次与设备配对：

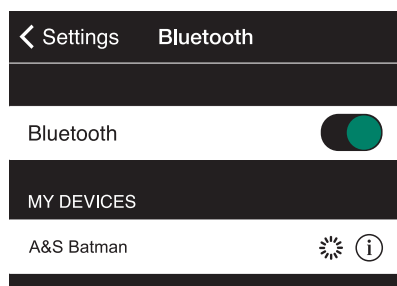
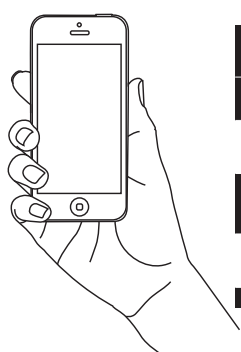
第一步 - 请在开始配对前确保耳机完全充电。

\*耳机和充电盒均会单独包装。

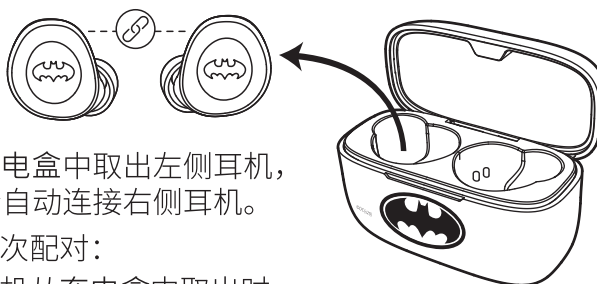


第二步 - 从充电盒中取出右侧耳机，它会自动进入配对模式  
开机提示音, Power On 指示灯快闪。

## 无线设备配对

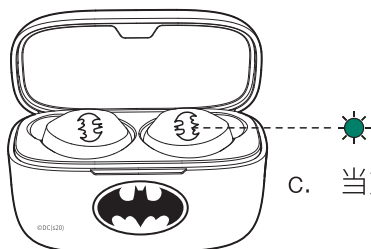


第三步 - 在设备中转至蓝牙菜单。  
选择“A&S Batman”  
进行连接



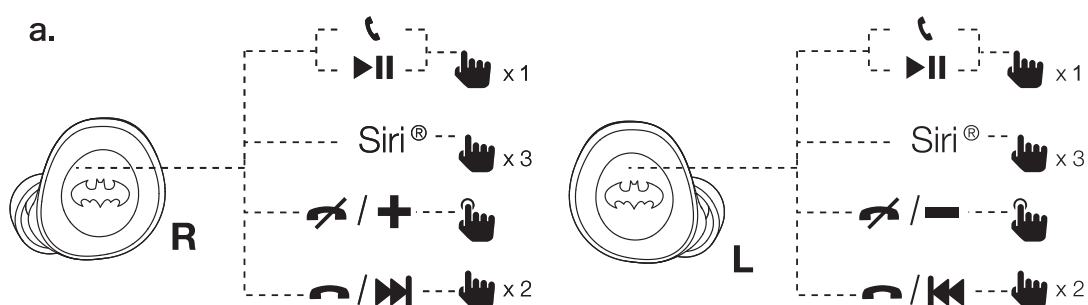
第四步 - 从充电盒中取出左侧耳机，  
它会自动连接右侧耳机。

- b. 第二次配对：  
将耳机从充电盒中取出时，  
无线连接会自动建立。



- c. 当放入充电盒时，耳机会自动关闭并开始充电。

## 耳机操作



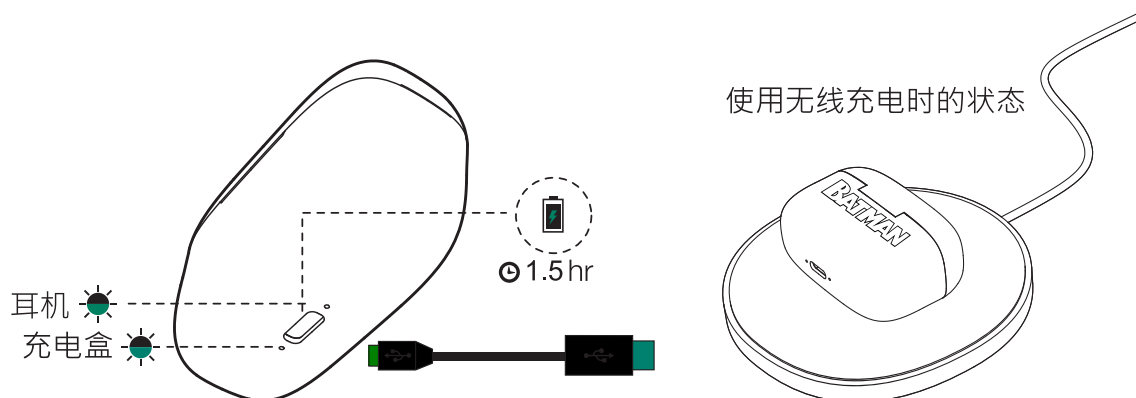
### b. 长按5秒手动开机



### c. 清除双耳配对

在未与设备配对模式下 左耳或右耳任意一边触碰三下 (第三下长按3秒)

## 充电盒





## 产品规格

喇叭尺寸:  $\phi 6\text{mm}$   
喇叭阻抗:  $16\Omega$   
频率范围:  $20\text{Hz}-10\text{kHz}$   
灵敏度:  $99\pm 3\text{dB}$

蓝牙版本: 5.0  
蓝牙技术: 2.4G  
蓝牙协议: HSP, HFP, A2DP, AVRCP  
蓝牙传输距离: 10-15M

充电盒充电方式: ①Type-C ②无线充  
充电盒充电电压:  $\text{DC}5\text{V}\sim 6\text{V}$   
充电盒充电电流:  $0.4\text{A}$   
充电盒待机功耗:  $75\mu\text{A}$   
充电盒输出电流:  $0.5\text{A}$   
充电充电时间:  $1.5\text{H}$   
充电绿灯 $1\text{Hz}$ 闪烁 满电绿灯常亮.  
放电蓝灯常亮 电量不足蓝灯 $1\text{Hz}$ 闪烁

充电盒电池型号:  $500\text{mAh}$  可对耳进行3-4次充电  
耳机电池型号:  $50\text{mAh}$  2PCS

耳机充电方式: 放入充电盒顶针触点接触方式充电  
耳机充电电流:  $45\text{mA}$   
耳机充电时间:  $1.2\text{H}$   
耳机满电播放时长:  $6\text{H}-8\text{H}$   
耳机功能切换工作方式: 触摸

耳机防水等级: IPX5



## 注意事项

### 避免听力受损

警告:如果大量使用耳机,可能会导致永久性听力损失。将音量设置为安全水平。随着时间的流逝,您可能会适应较高的音量,这听起来可能很正常,但可能会损害您的听力。如果您感到含糊不清的声音在耳边响起,请停止收听并检查听力。音量越大,听力受影响所需的时间就越短。听力专家建议。

保护您的听力:

- 限制高音量使用耳机的时间。
- 避免调高音量以遮挡嘈杂的环境。
- 如果您听不到周围人讲话的声音,请调低音量。

警告:为防止可能的听力损害,请勿长时间高音量收听

### 请将本品放在儿童不能接触的地方

警告:产品随附的小零件可能会造成窒息危险。本产品不适合小孩子使用,应远离3岁以下的儿童。

### 请勿在开车时使用

不建议在驾驶车辆时使用耳机,在某些地区这是违法的。在操作车辆时,请检查并遵守有关使用耳机的适用法律和法规。驾驶时请小心谨慎。如果在操作任何类型的车辆或进行需要您全神贯注的其他活动时发现音频设备令人不安或令人分心,请停止收听音频设备。

### 皮肤受到刺激时

如果未正确清洁耳机,则可能导致耳部感染。经常用异丙醇等消毒剂清洁耳塞。如果出现皮肤问题,请停止使用。如果问题仍然存在,请请教医生。

### 避免静电冲击

在空气干燥的地方使用耳机时,容易积聚静电,并且您的耳朵可能会从耳机中听到少量静电。为了在极端干燥的环境中最大程度地减少耳机静电释放的风险,或在插入耳机之前触摸接地的未上漆的金属物体。

### 处置和回收

此符号表示请勿将本产品 and/或 电池与生活垃圾一起处理。当您决定处置本产品和/或电池时,请按照当地的环境法律和准则程序进行处置。