

## User manual

### BT TV Adapter



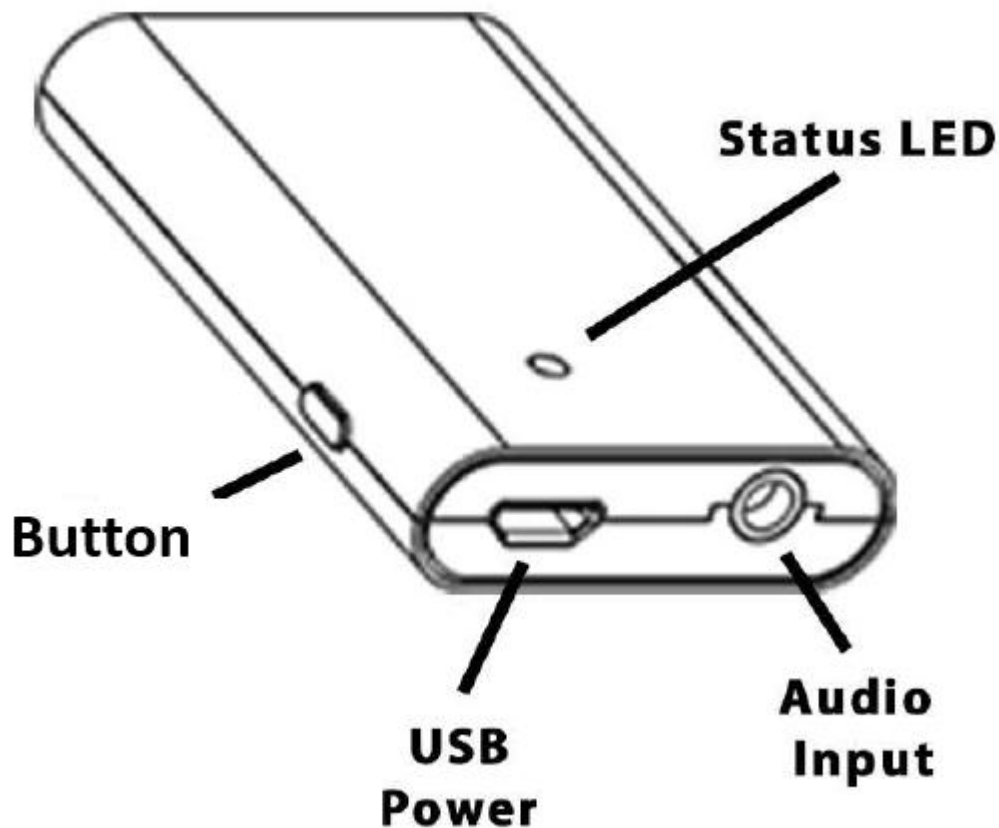
## 1. Product Description 产品描述

This product streams a stereo audio input via Bluetooth to another Bluetooth enable device such as the HLT Relay. The device is powered by a rechargeable lithium polymer battery (260mAh) and charged by a 5V USB Micro connector. It has a 3.5mm 3-pin audio input jack. It has one Button and LED for Bluetooth pairing and status.

本产品通过 1 个蓝牙到另外 1 个可用蓝牙设备立体声音频输入例如 HLT 转换器，该设备通过 5V Micro USB 连接器由可充电锂聚合的电池(容量需达到 260mAh，实物丝印为 240mAh)供电. 带 1 个 3.5mm 3PIN 音频输入插座，1 个按钮和 1 个状态 LED 灯用于蓝牙配对.

## 2. User Interface 用户界面

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### 3. Functions & Features 功能

#### 3.1 Power 电源

When the unit is receiving 5V power from USB connector, the unit is always in a NON-Sleep mode.

当机子从 USB 连接器接受到 5V 电源时，机子一直处于非睡眠模式

When the unit is not receiving 5V and the unit is in Sleep Mode, a press and hold for 2 seconds will wake the unit.

当机子未接受到 5V 电源时，机子处于睡眠模式，长按按钮 2 秒唤醒机子

#### 3.2 Button and Status LED 按钮和状态 LED

When the unit is awakes from Sleep Mode, and if there is no previously paired device, then the unit will enter Pairing Mode. If there is a previously paired device, then the unit enters Reconnect Mode.

当机子从睡眠模式唤醒时，如果之前没有与其它设备配对，那么机子将进入配对模式。如果之前有与其它设备配对，则进入重新连接模式。

If the user presses and holds the button for 2 seconds, then the unit will enter Pairing mode.

如果用户长按按钮 2 秒，机子进入配对模式

Pairing Mode 配对模式

- The unit will attempt to pair with the first Slave device it sees with an A2DP profile.  
机子尝试与第 1 个子设备(有 A2DP 协议)进行配对
- The LED will alternate between Blue and Red (1 second Blue, 1 second Red).

LED 在蓝色和红色之间交替闪灯(1 秒闪蓝色, 1 秒闪红色)

- If the unit pairs with a device, it will enter Paired Mode.  
如果机子与设备配对, 将进入配对模式
- If the unit doesn't pair with a device and it is not powered by USB, it will enter Sleep Mode after 1 min.  
如果机子没有与设备配对且没有通过 USB 供电, 1 分钟后将进入睡眠模式

#### Reconnect Mode 重新连接模式

- The unit will only attempt to reconnect with the previously paired device.  
机子将只尝试连接之前配对的设备
- The LED will flash BLUE (1 second ON, 1 second OFF).  
LED 将闪蓝灯 (亮 1 秒, 灭 1 秒)
- If the unit reconnects to the device, it will enter Paired Mode.  
如果机子与设备重新连接, 将进入配对模式
- If the unit doesn't pair with a device and it is not powered by USB, it will enter Sleep Mode after 1 min.  
如果机子没有与设备连接且没有通过 USB 供电, 1 分钟后进入睡眠模式

#### Paired Mode 配对模式

- The unit will stream stereo audio from the Audio Input to the paired device using the A2DP profile.  
机子从音频输入到配对设备 (用 A2DP 协议) 输出立体声音音频
- The LED will be BLUE always ON LED 一直亮蓝灯
- If the unit disconnects, it will enter Reconnect Mode. 如果未连接, 将进入重新连接模式

#### Sleep Mode 睡眠模式

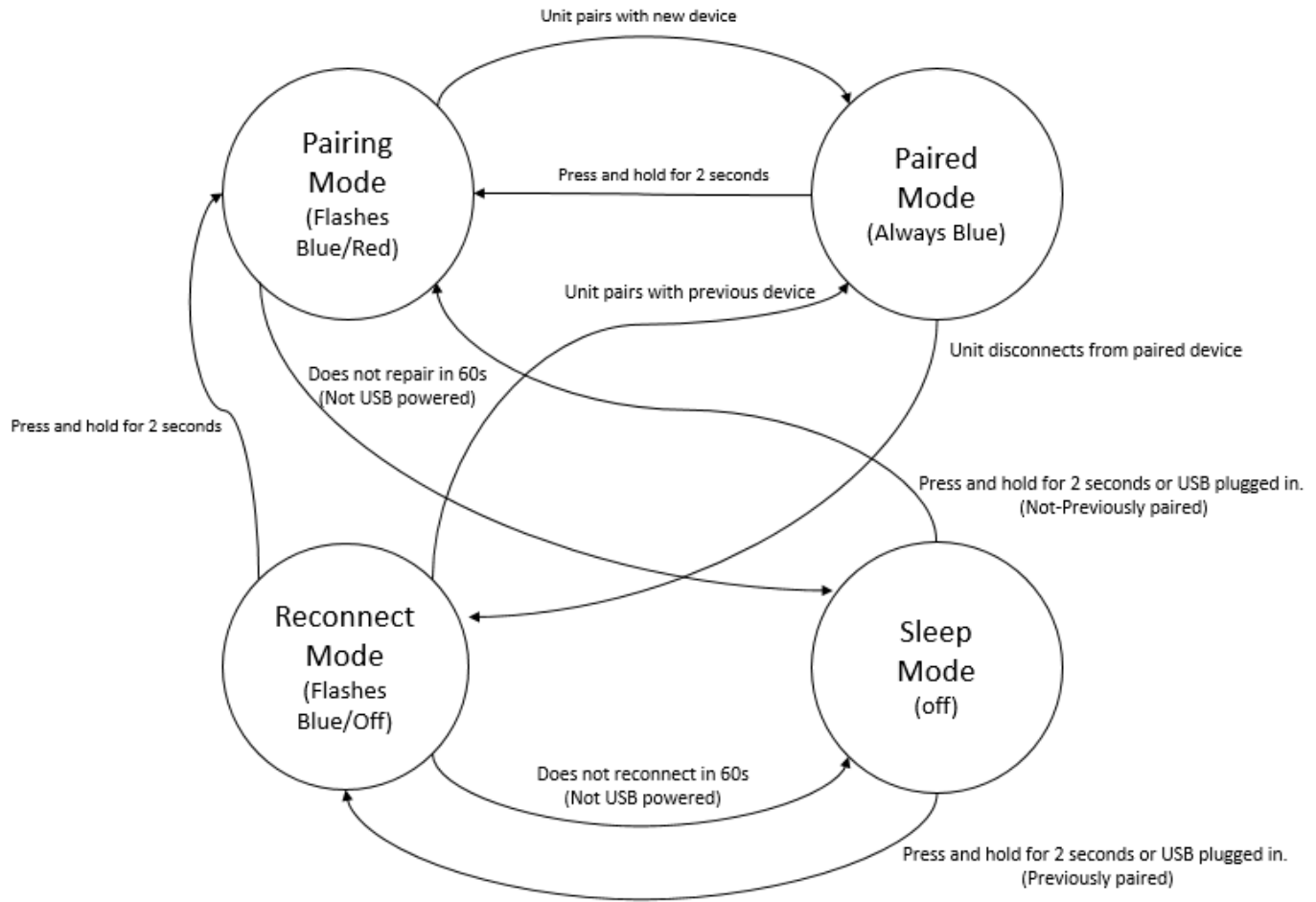
- The unit will go into the lowest power mode possible. 机子可能将进入最低电量模式

**Note: The device should only attempt to pair and use A2DP profile. The firmware needs to remove AVRCP profile.**

**注意:** 设备只尝试与用 A2DP 协议的设备配对, 固件需去掉 AVRCP 协议

**State Diagram: 状态图**

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### 3.3 Audio Input 音频输入

The unit will have a 3.5mm jack for stereo audio input. 机子有 1 个 3.5mm 音频座用于立体声音频输入

## 4. Electrical 电子

The device is powered by a rechargeable lithium polymer battery (260mAh) and charged by a 5V USB Micro connector.

设备通过 5V Micro USB 连接器由可充电锂聚合的电池(容量需达到 260mAh, 实物丝印为 240mAh)供电.

**Bluetooth Range to the HLT Connect must be 10m.**

**HLT 蓝牙转换器的蓝牙范围必须为 10 米.**

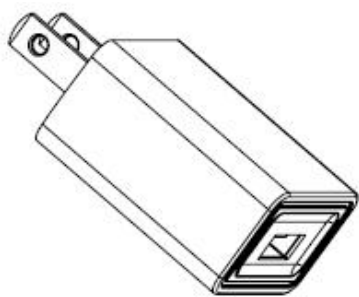
## 5. Mechanical 结构

### 5.1 Specifications 规格

### 5.2 Colors & Decoration 颜色&装饰

## 6. Packaging 包装

- Box and Tray Design 彩盒和吸塑盘设计
  - 4C Printing + Varnish 4 色印刷+光面
  - Approx. Dimensions: 7.5 x 9.5 x 3.5 inches (190 x 240 x 91 mm)  
尺寸约 7.5 x 9.5 x 3.5 英寸 (190 x 240 x 91 mm)
  - See Appendix C: Box and Tray Design and Appendix D: Cardboard Templates  
见附录 C: 彩盒和吸塑盘设计, 见附录 D: 纸板模板
- Accessories Included: 配件如下



**USB Power Adpater**



**USB Micro Cable**



**RCA Cable**



**Velcro**



**Audio Cable**

- 1 qty – Single USB Power Adapter – rated at least 500mA USB 火牛, 6 级能效,带 1 个 USB 座, 额定至少 500mA, 需包保护膜
  - 1 qty – Velcro Strip – 25.4mm x 25.4mm 魔术贴 (1 套), 尺寸: 25.4mm x 25.4mm
  - 1 qty – USB Micro Cable- 1.5m length Micro USB 线, 线长 1.5 米
  - 1 qty – 2 Male RCAs to Female 3.5mm Cable - 200mm (or closest standard available)  
200mm 音频线, 线长 200mm(或最接近标准线长),线尾其中一端带 2 个 RCA 插头, 另一端带 1 个 3.5mm 包胶款母插
  - 1 qty – 3.5mm to 3.5mm Audio Cable - 3-pin – 125mm length  
125mm 音频线(X1),线长 125mm,线尾两端各带 1 个 3.5mm 3PIN 音频公头
- Compliances & Regulatory 证书&规范
    - Operating Temp: 0C to 40C 操作温度: 0C to 40C

- FCC ?
- IC ?
- CE ?
- BLUETOOTH SIG ?
- WEEE /ROHS ?

## 7. Appendix 附录

### 7.1 A: Engraving 雕刻

### 7.2 B: Screen Printing 丝印

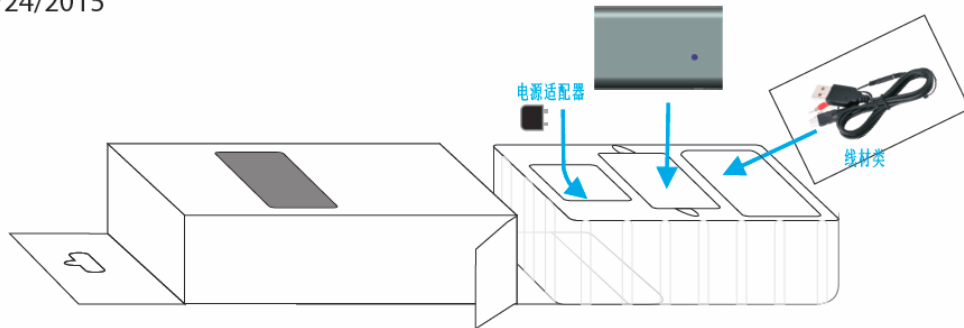
### 7.3 C: Package Design 包装设计

## Bluetooth Adapter Beauty Carton

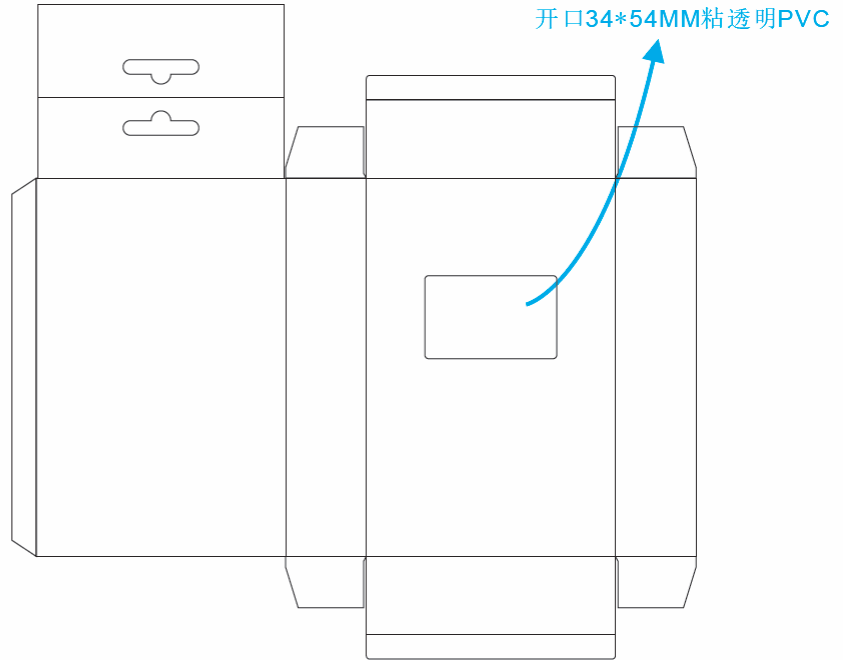
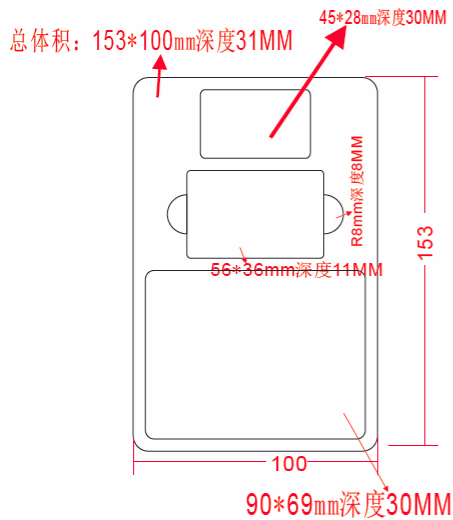
Revision: 0

Date: 8/24/2015

## 包装示意图



## 盒子尺寸102\*33\*155MM



### 7.4 D: Package Templates 包装模板

#### FCC Statement:

1. 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.

2. 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.