

# WPC Wireless Charge Suit

## WPC Macaroon Dongle& Pad User Manual

### 1. Product Introduction

Release your electronic devices; enjoy your life more freely.

Rattan Wireless Charging Suit will better up your life with more freely and comfortable charging.

WPC (Wireless Charger Suit) is suitable for digital products like MP3, MP4, mobile and other 3C products to charge wirelessly. It completely meet with the standard of WPC Qi1.1. The delicate receiver is designed as French specialty food Macaroon which will make you fall in love at the first sight. The Transmitter shines with colorful light in turns when charging. The ultrathin thickness makes your charge more comfortable.

### 2. Packed Contents

- 1set of PAD TX
- 1set of Macaroon Dongle RX
- 1pc of USB to micro USB Cable
- 1set of AC Adapter (Output : 5V / 2A)
- 1copy of user manual

### 3. Functional Features

#### Macaroon Dongle RX

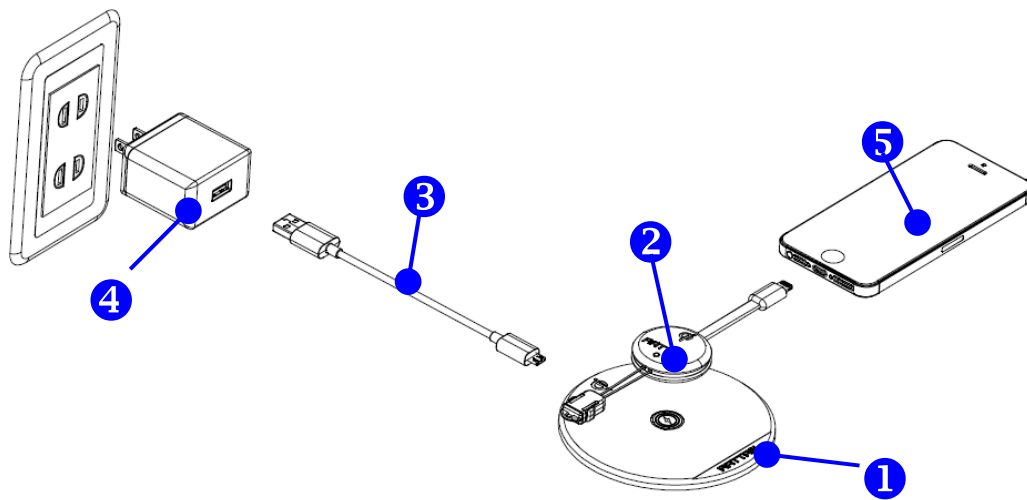
- Qi Compatible
- Macaroons Style Design
- Slim Flat Cable to Fit any Depth
- Optional Detachable Strap Design
- Apple Lightning and uUSB Ready

#### PAD TX

- Qi compatible
- Flexible Orientation
- Ultra Slim Design

#### 4. Components illustration

| Item | Name                   |
|------|------------------------|
| 1    | PAD TX                 |
| 2    | Macaroon Dongle RX     |
| 3    | USB to micro USB Cable |
| 4    | AC Adapter (5V/2A)     |
| 5    | Phone                  |



#### 5. Operation Steps

##### Step 1.

Connect the Pad TX to the AC adapter by USB to micro USB cable and push the plug into the socket on the wall.

##### Step 2.

Make sure that plug the AC adapter into the electrical outlet, keep the area around the Pad TX free, the bottom of Pad TX will cycle red light, green light, blue light, yellow light, purple light and cyan light.

##### Step 3.

Connect the Macaroon dongle RX to your phone. (iPhone 5/5S, HTC, Samsung, Nokia, Sony...etc)

#### Step 4.

Make sure that there's nothing on the Pad TX surface. Place the Macaroon dongle RX onto the center of Pad TX surface.

#### Step 5.

The green light of Macaroon dongle RX on when placing Macaroon dongle RX directly on Pad TX within the range of valid charge; The green light of Pad TX on when the Macaroon dongle RX is properly positioned and charging begins.

#### Step 6.

If Macaroon dongle RX and Pad TX connect abnormally or other metals (FOD) are placed between Macaroon dongle RX and Pad TX, the green light of Macaroon dongle RX off and the red light blink of Pad TX.

#### Note:

FOD is the abbreviation of Foreign Object Detection.

If your phone has wireless charging meet for WPC Qi compliant, you can put your phone onto center of Pad TX to charge.

If your charging transmitter meet for WPC Qi compliant, you can use with our Macaroon dongle RX.

## 6. LED light instruction

### 6.1 Indicator lights - Pad TX

- Standby: Six-color light is flashing
- Charging: Green light on
- Charging problem: Red light blink

### 6.2 Indicator lights - Macaroon Dongle RX

- Charging: Green light on
- No connect or charging problem : Green light off

## 7. Electrical Performance

### 7.1 Pad TX

- Output Voltage: DC 5V
- Output Current: 1.4~1.8A

- Output Voltage: DC 5V
- Output Current: 0~1A

#### 7.2 Macaroon Dongle

- Output Voltage: DC 5V
- Output Current: 0.1~1A
- Support FOD

### 8. Cautions

- In order to use correctly and safely, please follow the instructions in this manual.
- Don't use with extension cord.
- Please keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that corrode electronic circuits.
- If your device gets wet, please allow the device to dry.
- Use the device for intended purposes only. Never use a damaged cable, AC adapter or device.
- Do not attempt to charge a device having a damaged, cracked or device that is not compatible with Qi.
- Do not store the device in high temperatures. High temperatures can shorten the life of the device, and warp or melt plastics.
- Do not store the device in cold temperatures. When the device warms to its normal temperature, moisture can form inside the device and damage electronic circuits.
- Rough handling can break internal circuit boards and mechanics.
- Do not drop, knock, or shake the device.
- Only use a soft, clean, dry cloth to clean the surface of the device.
- Close supervision of the device away from children.

### 9. Troubleshooting

- Problem-1:

Why can't my phone charge it?

- Solution-1:

1. Check that no other object is on the Pad TX Surface.
2. Make sure the Pad TX and Macaroon dongle RX do not get too hot. If this too hot, take the Macaroon dongle RX off the Pad TX and switch the Pad TX off.
3. Try charging again when the Pad TX has cooled down.

- Problem-2:

## **Federal Communication Commission Interference Statement**

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.

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 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.

**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The indication light of Macaroon dongle RX is not lit.

- Solution-2:

Check the Macaroon dongle RX is properly positioned onto the center of Pad TX, if not, Re-place Macaroon dongle Rx onto the center of Pad TX until the green light on.

- Problem-3:

Why is the red light blink of Pad TX?

- Solution-3:

Our Pad TX has FOD function of detecting foreign object. If the foreign object as metal or conductive material between Pad TX and Macaroon dongle RX, the red light Of Pad TX will blink. Please remove foreign object from Pad TX and re-place Macaroon dongle RX.

- Problem-4:

How long to charge my phone to use Macaroon dongle RX and Pad TX?

- Solution-4:

Charging time will depend on the size of mobile phone battery capacity, Pad TX and Macaroon dongle RX coupling of accuracy and power supply terminal of the power supply are affected. You use a wired approximately 1.3 times the charging time.

- Problem-5:

Can use one's own micro USB cable or AC adapter to connect Pad TX to charge it?

- Solution-5:

1. Please use the included micro USB cable and AC adapter to achieve optimum charging efficiency.
2. Other compatible micro USB cable can also be used, but may reduce its efficiency, and more than 1m cable may also reduce the charging efficiency.
3. Recommend you use of more than 5V 2A AC adapter, if under this specification will cause decrease in charging efficiency.