

## Product specification

### 1. Introduction of car wireless charging function :

The product could achieve short-range radio transmission by magnetic induction, Using regulate voltage working mode, applicable to charging for digital products of 5V 1A, communications, furniture, fire protection, water proof and other digital products, this product meets Qi wireless charging standard, compatible with all Qi enabled devices, and support fast wireless charging.

This product has wide operating voltage (DC 5V-9V) which can adapt to most USB A adapter and QC2.0/QC3.0 adapter. It has a built-in 40mAh battery that can power the circuit to drive the stepper motor to open and close in case of power failure;

How to use: Connect the adapter through Type-C cable( standard cable). It maximum support 5W loads under normal charging mode when connect to 5V output adapter. And it can achieve 7.5W fast wireless charging mode for iphone8/iphone8Plus/iphone x and maximum support 10W loads when connect to QC2.0/QC3.0 adapter. When the product is connected to the adapter or the car charger, it will automatically open. When the phone is put on to sense that the phone is charging, it will automatically clamp the phone for quick charging. When the phone needs to be taken away, just press the left button or the right button to open it. If the phone is not taken away within 5 seconds after opening, it will automatically clamp the phone and continue to charge. If the phone is not taken away after power failure, you can press the left button or the right button to open and take the phone;

### 2. Transmitter pad indicator light working description :

2.1 Power on: The blue light flashes once, the green light flashes once, the blue and green light flash at the same time, then turn to the long green light, enter standby mode;

2.2 Standby: Indicator light will turn green for a long time.

2.3 Charging: Indicator light will turn blue for a long time, remove the receiver, the indicator light will turn green, enter into standby mode. The blue and green lights flickered at the same time.

### 3.Receiver location hints

Tips: The greater deviation distance, The lower charging efficiency  
If the receiver coil of phone offset transmitter coil position allowed distance ( $\pm 5\text{mm}$ ),the transmitter will not work. It need to put the phone in the correct position and the device will re-enter the charging status.

### 4.Basic Performance Parameters

- 4.1 Transmitter input voltage/current: DC5V/2A 、 9V/1.67A、
- 4.2 Output voltage/output current: 5V/1A、 7.5V/1A、 9V/1A
- 4.3 Transmitter standby input current(no load):  $\leq 45\text{-}60\text{mA}$
- 4.4 Transmitter limited input current: DC5V/1.8-1.9A or DC9V/1.4-1.5A
- 4.5 Conversion efficiency (full load):  $\geq 74\%$
- 4.6 10W Working Frequency: frequency conversion 115 KHz -205 KHz
- 4.7 7.5W Working Frequency: fixed frequency 127.7KHz
- 4.8 Over voltage protection:10.2V
- 4.9 Relative humidity: 10%~80%

## 5 . Automatic protection function

When the transmitter detected its connector's load current is too large (current exceeds the rated output), the transmitter will shut off with the mobile receiver connection automatically, safety protection automatically. Put the mobile phone in correct position again after move the mobile 5 seconds later. It will re-enter charging status when the connection is successful.

## 6.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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. During the operation of device a distance of 15 cm surrounding the device and 20 cm above the top surface of the device must be respected.