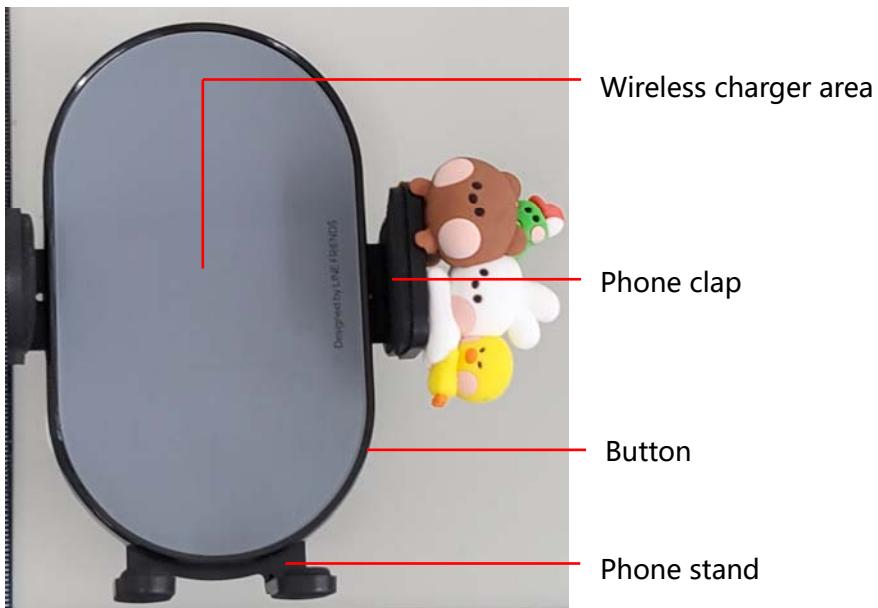




---

# User Manual

## 1、Appearance



## 2、Specification:

- Materials: PC+ABS
- Diameter SIZE: 107.1\*62.7\*22mm
- Input Voltage: 5V/2A, 9V/2A Max / QC2.0, QC3.0
- Output Power: 5W, 7.5W, 10W, 15W
- USB: TYPE-C, Cable length 100cm
- Coil Size:  $\varnothing$ 83mm\*2.5mm
  
- Super Capacitor: 1.0F, 30s  
Make the product open and close twice within 30s after power failure
- Working temperature: -10°C ~ +45°C
- Compatible for: All devices with wireless receiver or QI supported devices.
- Effective distance:  $\leq$ 6mm (Recommended working distance 3-5mm)

### 3、Wireless charger transmitting terminal description

This product realizes short-distance radio energy transmission through electromagnetic induction, and the receiver compatible with Qi standard can use this product for charging. Induction wireless charger supports fast charging of 15W (compatible with 10W and 7.5W 5W downward), and it also has the function of touch sensitive automatic expansion clamp.

### 4、Transmitting terminal electrical performance

#### 4.1 Transmitting terminal input

(Consignments) : Dual coils	(Charging mode) : (Electromagnetic induction)
(Input voltage) : 5V/2A, 9V/2A	(Working frequency) : 110K~205KHz
(Charging efficiency) : <b>75%-80%</b>	(Transmission power) : 5W, 7.5W, 10W, 15W
(Product size) : 107.1*62.7*22mm	(Input interface) : Type-C
(Material) PC+ABS	

#### 4.2 Transmitting working indication

Power on Indicator: green and blue lights flash alternately once

Standby Indicator: blue light on, the arm open

Charging Indicator: blue light breaching

Full charging Indicator: blue light breaching

Foreign object Indicator: green and blue lights flash alternately

Abnormal voltage Indicator: blue light flashes

#### 4.3 Working mode

4.3.1 Power on: clamp open

4.3.2 Standby: the clamp is normally open, touch the key, the clamp is closed and then opened back to the original normally open state

4.3.3 Working: in standby mode, any object that can be sensed by the coil is placed within the sensing range of the coil, and the clamp is closed.

Touch the key, the clamp opens and pauses 5S.

After 5S, if the mobile phone is taken off, the clamp will not move, and it will be in the

maximum opening state,

When FOD (foreign object alarm) is triggered in the working state, and the clamp remains closed

#### 4.3.4 Outage

The clamp in the closed state: touch the key, then the clamp is opened, and touch the key again to close the clamp (Touch failure when Super Capacitor voltage is lower than main control working voltage)

The clamp in the open state: touch the key, the clamp is closed, and touch the key again to open the clamp (Touch failure when Super Capacitor voltage is lower than main control working voltage)

### 4.4 Circuit protection function

4.4.1 Input under-voltage protection:  $5V \leq 4.5V$ ,  $9V \leq 8V$ , when the voltage is lower than this value, the product will not work normally (excluding connecting wire)

4.4.2 Input over-voltage protection:  $5V \geq 6V$ ,  $9V \geq 10.5V$ , when the voltage exceeds this value, the product will not work normally (excluding connecting wire)

4.4.3 FOD foreign object detection: use 25mm diameter metal, stop working after detecting foreign object

## 5、Weather conditions standard

### 5.1 Weather condition

Operating temperature  $-10^{\circ}\text{C} \sim +45^{\circ}\text{C}$

Operating humidity: 10 % R.H. ~85 % R.H. (No steam condensation)

Storage temperature:  $-20 \sim +65^{\circ}\text{C}$

Storage humidity: Less than 75 % R.H.

## 6、Operating environment and maintenance

6.1 Do not use this product near a strong magnetic field.

6.2 Please do not use unapproved or incompatible power supply or charger,

---

otherwise it may cause product failure, Fire, explosion or other hazards.

- 6.3 Please use this product within the range of temperature -10 ~ +45, and at temperature -20 ~ +65. Enclose the product in the enclosure. When the ambient temperature is too high or too low, it may cause product failure, fire or the explosion.
- 6.4 Please keep the equipment dry. Rain, moisture and all kinds of moisture can cause circuit damage.
- 6.5 Before cleaning and maintenance, please stop using the product and disconnect the product power.
- 6.6 Please do not use detergent, alcohol and other cleaning products, use clean, dry soft cloth to wipe.
- 6.7 Do not throw, knock or pull the product components to avoid product failure

## 7、Safety Cautions:

**Please read and follow the following instructions when using this product in the car.**

7.1 When the mobile phone falls due to user error triggering or strong magnetic or electro static interference, etc. The vehicle should be parked in the safety area of the road to pick up the mobile phone. Please do not pick up the mobile phone while driving.

7.2 Please keep in mind that safe driving is your first duty. Do not operate this product while driving, or do somethings will distract you.

7.3 Please do not install this product on the car airbag or airbag after expansion can be reached area. Otherwise, when the airbag inflates, the product may be compressed by the airbag to the occupants person causes harm.

7.4 Please check the firmness of the installation of this product regularly to avoid the loss of control of the vehicle and cause damage to the personnel.

**A minimum separation distance of 20 cm must be maintained between the antenna and the person for this appliance to satisfy the RF exposure requirements.**

**CAUTION: Change or modification not expressly approved by the party responsible for Compliance could void the user's authority to operate the equipment**