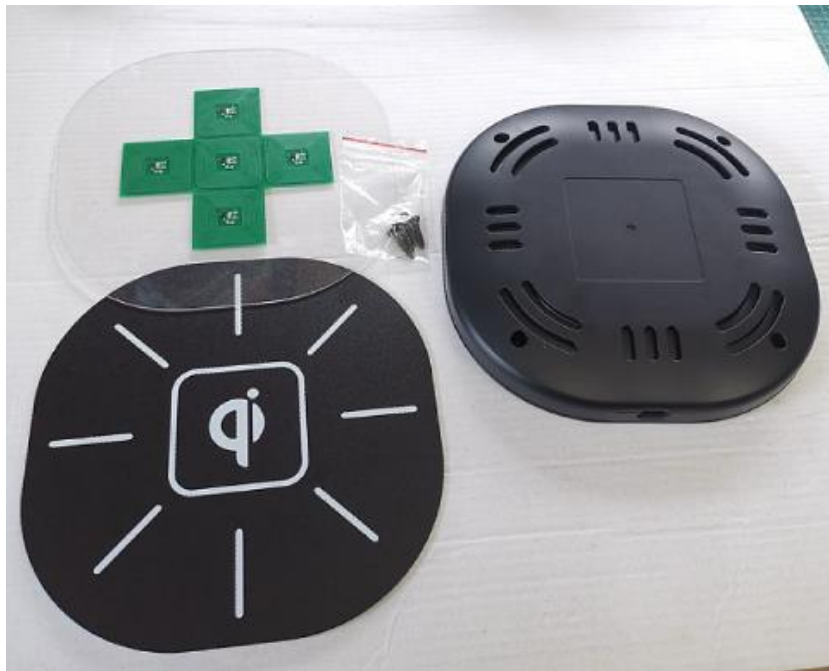


Model : LDWC-01

Model Name : Long Distance Wireless Charger



B.1 Product Description

This product is a smart phone charging stand that supports long-distance wireless charging at distance of 15~35MM. It can wirelessly charge and compatible with all devices (smartphones) with built-in wireless receivers. It has over-voltage protection, over-current protection, over-temperature protection, short circuit protection and foreign body detection. This product is widely used in offices, household, restaurants, conference rooms, etc.

B.2 Instruction for use

1. It is necessary to clean the installation area before installing the product. Then peel off 3M sticker on the product and stick on the installation area (you can also use screws to lock).
2. After completing the previous step, plug in the power supply. Use the LED light board for position coordination. The best position is when all four lights of the LED light board are on (35MM thickness only the middle light of LED light board is optimal). After adjustment to best position, mark the position.
3. Then use PC positioning sticker to fix the position. Peel the sticker on the back of positioning sticker and stick firmly on the fixed position.
4. After the alignment is completed, you can charge smartphones with wireless charging function.
5. Precautions : Please turn off the power when the product is not in use to avoid excessive/over heating

B.3 Electrical Specifications

3.1 Input power requirements :

◆24V/1A;

Note: When the wireless terminal outputs QC fast charge, it needs to be connected to a QC charger for power supply. The electrical distance range is 15mm to 35mm

Input voltage range	24Vdc±0.5Vdc
Rated input voltage	24Vdc
Working distance	15mm-35mm
Standby loss	< 1W
Rated input current	0.46A _{dc} @25mm · 5W Load
Input efficiency	>45% @25mm
Working frequency	110kHz-130kHz
Input current protection value (not in power transfer mode)	0.37A _{dc}
Input current protection value (has entered power transmission mode)	0.8A _{dc}
Coil current protection value (not in power transmission mode)	3A (peak)
Coil current protection value (has entered the power transmission mode)	3A (peak)
Working temperature protection value	85°C

3.2 Charging status indicator

Transmitter working status	Normal standby	Normal charging	Malfunction
red light	Glow	No light	Glow
Blue light	No light	Glow	Flashing (1Hz)

FCC Caution

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.