

User Manual for Wireless Charger



1. Product functions

1.1 Introduction to wireless charging

This product achieves short-distance wireless power transmission by means of magnetic induction. It is suitable for charging 5V1A digital products, as well as digital products used in communication, furniture, fire control, and water proofing. This product meets WPC wireless charging standard, and all receiving terminals complying with WPC standard can be charged with it.

1.2 Description of indicators on transmitting plate

Charge: green indicator on means the charger is in charging mode. When receiving terminal is removed, the blue indicator is on and it returns to standby mode.

Protection: red indicator on means the transmitter is in protection mode. Please remove the receiver, and do not charge until the transmitter restore to standby mode (blue indicator is constantly on).

2. Operating environment

Operating temperature: 0 °C to 40 °C

Relative humidity: 10% to 80%

3. Specifications

Rated input: DC5V 3000mA

Receiving distance: ≤5mm

Rated frequency: 100KHz~200KHz

Size: 199.7X79.7X17MM

Conversion efficiency: ≥72%

Weight:

①

4. Tips for placing the receiver

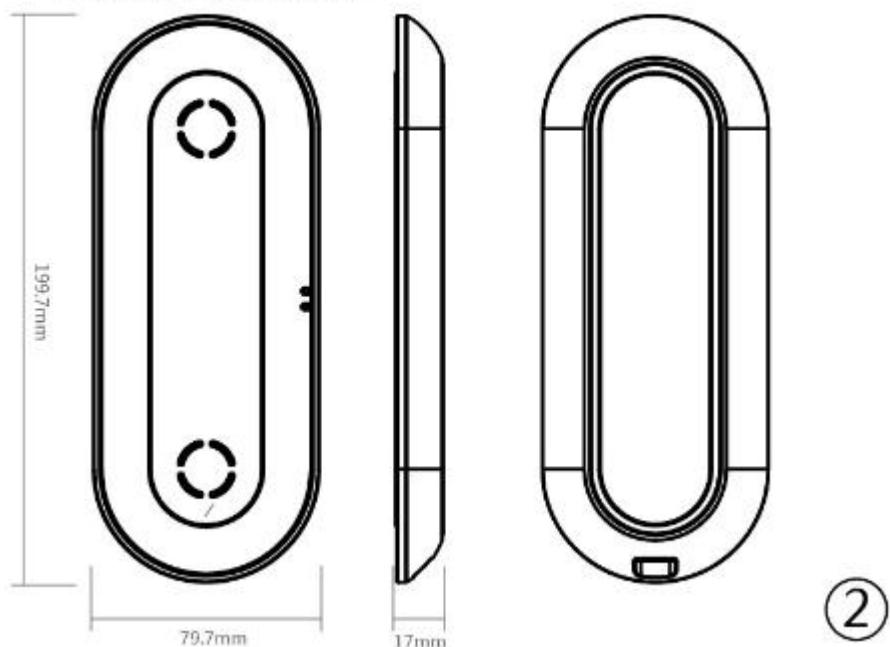
Tips: The greater the deviation of distance, the lower the charging efficiency. When the required distance ($\pm 2.5\text{mm}$) exceeds the deviation from the center of receiving coil on the mobile phone to the center of transmitting coil, the blue and green indicators flashes one after another to indicate incorrect placement. The transmitter will automatically turn off, and the blue indicator is on. Remove the mobile phone for 5 seconds and reposition it correctly, the device will re-enter the status of charging.

5. Automatic protection

When the transmitter detects overloading current (current exceeds rated output value), the transmitter will automatically turns off the connection to the receiver for self-protection, and the red indicator is constantly on. Remove the device for 5 seconds, and reposition it correctly. After successful connection, it enters charging status again.

6. Product outline

Size: 199.7X79.7X17MM



7. About the wireless charger

With this wireless charger, you can charge the mobile phone wirelessly.

Just put your phone on the charger, the phone will immediately start charging.

Some components of this product are magnetic. Metallic materials may be absorbed to the product. Do not place credit cards or other magnetic storage media near the product, to avoid demagnetizing and erasing the stored information.

The product does not contain nickel on the surface.

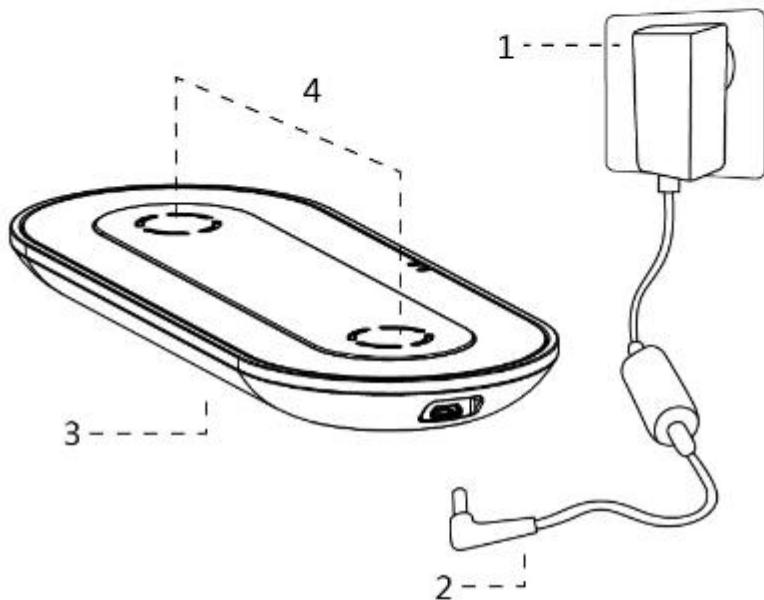
Before using the product, please read this user manual carefully, as well as the user manuals of devices connecting to this product.

8. About Qi

Qi is a global standard for the implementation of wireless charging. For devices compatible with Qi standard, no cable connection is needed. Simply put your device on the charging surface.

Qi employs the principle of magnetic induction, which currently applies to devices with power of no more than 5 watts (such as mobile phones). Since charger and devices meeting Qi standard use the same frequency, regardless of manufacturers or brands, all Qi products are compatible, as long as their working area can contact with each other.

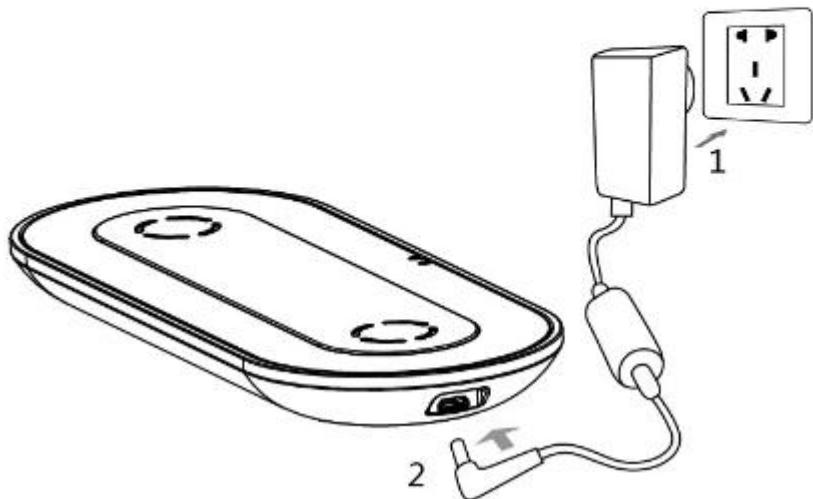
9. Keys and parts



- 1.1 power supply device
- 1.2 power cable
- 1.3 power supply socket
- 1.4 charging area (which can simultaneously charge two mobile phones)

When using this product, only Qi charging shells suitable for your mobile phone should be used.

10. Turning on and off the charger



The charger can only be used with the attached power.

Startup

1. Put the power supply into an AC power socket.
2. Connect the other end of the power cable to the charger.

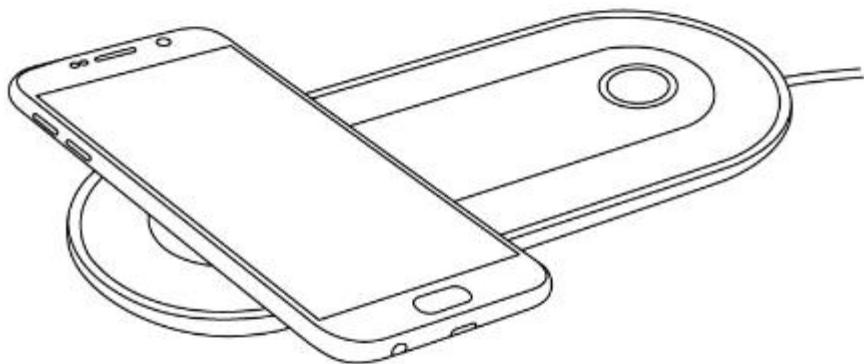
Even if your mobile phone is not charging, the charger can be left on the socket. When not charging, the charger hardly consumes power.

Shutdown

Disconnect the power from the charger, then unplug the power from the socket.

11. Charging for your mobile phone or other devices

To begin charging, connect your mobile phone to the receiver and put them on the charger. The green indicator is on. When the battery is fully charged, the indicator turns off.

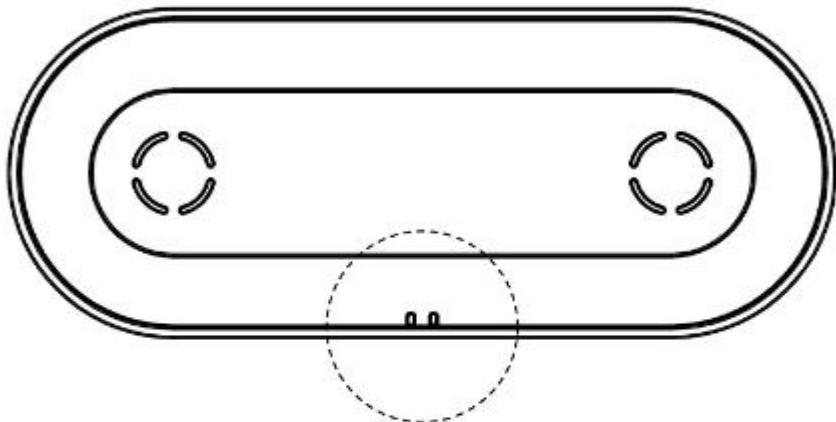


During charging, it is normal for the charger and the phone to get hot. Using the mobile phone during charging (for example, playing streaming music), will make it hotter.

Ensure there is no foreign substance in the area around the charger. The phone on the charger can not be charged with foreign substances around it.

12. Indicator

Do you want to know what status the charger's indicators show?



Blue indicator is constantly on	Energized base
Green indicator is constantly on	Mobile phone is charging
Red indicator is constantly on	Charging error

there is a problem with charging:

- Make sure there is no foreign substance on the charging board.
- Ensure that the charging board is not overheated. If it is overheated, please remove the phone from the charging board, and turn off the charging board. The charging board may automatically turn off when it is overheated. Please try to charge again after the charging board cools down.

13. Product and safety information

Use your device with care.

Please carefully handle your device, charger, and accessory. The following advices will help you to make the best use of your warranty.

- Keep the device dry. Rainwater, humidity, and all types of liquids or moisture can contain minerals that corrode electronic circuits. If the device gets wet, dry it.
- Do not use the charger for other purposes. Improper use or using an incompatible charger may lead to the danger of fire, explosion, or the risk of occurrence of other hazards. Never use damaged charger. Only use charger indoor.
- Do not attempt to charge devices with damaged battery shell, broken or opened devices, and devices incompatible with Qi.
- Do not use and store the device in dusty or dirty place. This will damage its detachable parts and electronic components.
- Do not store the device in place with high temperature. High temperatures can shorten the life of the device, and deform or melt the plastic parts.
- Do not store the device in cold place. Otherwise, when the device is put back to normal temperature, moisture will form inside, which may damage electronic circuits.
- Do not attempt to open the device.
- Unauthorized modifications may damage the device and violate regulations governing radio devices.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and structure.
- Clean and dry soft cloth must be used to clean the surface of the device.

Recovery

Always return your used electronic products, batteries, and packaging materials to dedicated collection sites. This can help prevent uncontrolled waste disposal and promote the recycling of materials.

Implantable medical devices

Medical equipment manufacturers recommend a distance of at least 15.3 centimeters (about 6 inches) between a wireless device and an implanted medical device (such as cardiac pacemakers, implantable cardioverter defibrillators, implanted cochlear, etc.), to avoid potential interference with the medical device.

Persons with such devices should follow the recommendations below:

- Always keep a distance of 15.3 cm (about 6 inches) or more between the wireless device and the medical device.
- When carrying the wireless device, do not place it in a breast pocket.
- If you have any reason to suspect that interference is taking place, turn off the wireless devices.
- Follow the manufacturer's instructions of implanted medical device.

If you have any questions about using wireless device and implanted medical device at the same time, please consult your health care provider.

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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.