

Wireless Charger

Product Manual

User Guide

Model: ACC

Thank you for choosing our product

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1 Basic Knowledge

1.1 Brief Introduction

Thank you for purchasing this wireless charger. This manual is designed to guide you through the product's functions, features, and safe usage instructions.

This wireless charger supports 10-watt fast charging for dedicated load devices. It features intelligent temperature control, foreign object detection, and multiple safety protection measures to ensure safe and efficient charging.

Some functions described in this manual may vary depending on the specific model and firmware version. Please refer to the actual product for the most accurate information.

We reserve the right to revise the contents of this manual without prior notice.

1.2 General Considerations

- Use only USB-C cables and adapters for optimal charging performance.
- Do not expose the wireless charger to direct sunlight, near heaters, or high-temperature environments (above 85 °C).
- Keep the wireless charger out of reach of children to avoid accidental injury or choking hazards.
- Do not use the wireless charger in damp or wet environments, such as bathrooms or near swimming pools.
- Do not place metal objects (keys, coins, magnetic-stripe credit cards) between the charger and your device, as this may cause overheating or data corruption.
- Before each use, ensure the charging surface is clean and free of dust, debris, or liquid.
- Do not cover or block the ventilation holes at the bottom of the charger during operation.
- Place the wireless charger on a flat, stable surface to prevent the device from slipping.

1.3 Safety Precautions

- Do not disassemble or modify the wireless charger, as this may cause electric shock, fire, or product damage.
- If the power cord is damaged, stop using the charger immediately and contact customer support for replacement.
- Do not use a charger with a damaged or worn power cord.
- Unplug the charger from the power outlet before cleaning or during long periods of non-use.
- Do not drop or subject the charger to impact, as this may cause internal damage.
- Do not use the charger near flammable materials or in explosive atmospheres.
- This charger is for indoor use only. Do not expose it to rain or moisture.
- If the charger emits unusual odors, smoke, or abnormal noises, unplug it immediately and contact customer support.

1.4 Charging Your Device

Follow these simple steps to start charging:

- Step 1: Connect the wireless charger to a power outlet using a USB-C cable and power adapter.
- Step 2: Place your dedicated load device in the center of the charging pad with the LOGO side facing up.
- Step 3: The LED indicator will light up to confirm that charging has started.
- Step 4: For best efficiency, keep the device stationary on the pad during charging.

Charging automatically pauses when the device is removed; charging resumes once the device is placed back on the base.

For first-time use, charge the device for at least 2 hours to ensure complete battery initialization.

1.5 Notes for Wireless Charger

- Use a USB-C cable and matching power adapter. Using a lower-power adapter may result in slow or unstable charging.
- Do not stack multiple devices on the charging pad, as this may reduce charging efficiency.

- Keep the charger away from magnetic items such as magnetic car mounts or magnetic phone cases, as they may interfere with the charging process.
- The charger may become warm during normal operation. This is normal and does not indicate a malfunction.
- Do not place the charger in enclosed spaces with poor ventilation.
- Do not place water-filled containers near the charger to avoid damage from liquid spills.

1.6 Cleaning and Maintenance

To maintain the performance and appearance of the wireless charger:

- Always unplug the charger before cleaning.
- Wipe the surfaces of the charger and charging base with a soft, dry cloth.
- For stubborn stains, slightly dampen the cloth with clean water or mild detergent.
- Do not use alcohol, acetone, benzene, or other strong solvents to clean the charger.
- Never immerse the charger in water or any other liquid.
- Store the charger in a cool, dry place when not in use for extended periods.
- Regularly inspect the power cord for signs of wear or damage, and replace if necessary.

2 Introduction

2.1 Icons

The table below describes the LED indicator icons displayed on the wireless charger:

Operating Status	LED Color	Blink Mode
Power-on Initialization	Red & Blue LED	Simultaneously blink 2 times
Standby Mode	None	None
Normal Charging	Red LED	Steady ON
Fully Charged	None	None
Protection Fault (Over-temperature / Over-current / Over-voltage / Under-voltage)	Blue LED	Steady ON
Foreign Object Detection Triggered	Blue LED	Blinking

2.2 Product Layout

The wireless charger consists of the following components:

NO.	Component
1	HOUSING-TOP
2	reflector
3	HINGE
4	HOUSING_BOTTOM
5	INNER_BOTTOM
6	INNER_TOP
7	Margnet
9	FOOT-RUBBER
10	Margnet
11	Screw

12	Heatsink
13	Coil Module
14	PCBA

2.3 Getting Started

2.3.1 Power Switch

Power On: Connect the charger to a power outlet using a USB-C cable and adapter. The LED indicators (red and blue) will blink simultaneously twice, indicating the charger is ready.

Power Off: Unplug the charger from the power outlet. The LED indicator will turn off.

2.3.2 LED Indicator

This wireless charger is equipped with a dual-color LED indicator ring that provides visual feedback on charging status:

- Red and blue LEDs blink simultaneously twice: Power-on initialization, indicating the charger is ready.
- Red LED steady on: Normal charging status
- Light off: Fully charged / standby
- Blue LED steady on: Protection fault (over-temperature, over-current, over-voltage, under-voltage)
- Blue LED (blinking): Foreign object detection triggered

3 Basic Functions

3.1 Wireless Charging

The main function of this device is wireless charging using electromagnetic induction technology. Place the dedicated load device on the charging pad, and the charger will automatically recognize the device and start charging.

- 10W: Fast charging for dedicated load devices

When used with a USB-C cable or power adapter

- Use a power adapter
- Connect the adapter to the charger using a USB-C cable.
- Place the dedicated device on the charging pad
- The LED indicator will turn red and stay on to confirm that fast charging has started.

3.2 Temperature Control

This wireless charger is equipped with an intelligent temperature control system that monitors internal temperature in real time.

- Normal range: Standard charging operation
- Warm: Charging speed may be reduced to prevent overheating.
- High temperature (above 85 °C): Charging will automatically pause, and the blue LED will stay on until the temperature returns to normal.

3.3 Foreign Object Detection

The Foreign Object Detection (FOD) function automatically detects metal objects (such as keys, coins, cards, etc.) placed on the charging pad adjacent to your device.

When a foreign object is detected:

- The LED indicator will blink blue.
- Charging will automatically pause

Simply remove the foreign object, and charging will automatically resume.

3.4 Over-Temperature, Over-Current, Over-Voltage and Under-Voltage Protection

This wireless charger features comprehensive protection mechanisms:

- **Over-temperature protection: Automatically cuts power or reduces output when charging/discharging temperature exceeds the threshold(85 °C); resumes operation after cooling down.**

- **Over-current protection:** Cuts power when the current exceeds the limit and a load is connected; operates normally under no-load conditions.
- **Over-voltage protection:** Rejects charging and cuts output when input voltage is too high to prevent device damage.
- **Under-voltage protection:** Cuts output under load even when remaining power is displayed.
- When a protection fault occurs (over-temperature, over-current, over-voltage, under-voltage), the LED indicator stays blue.

4 Frequently Asked Questions and Solutions

If you encounter any problems while using the wireless charger, refer to the table below for troubleshooting:

Problem	Possible Cause	Solution
Device is not charging	Device not properly positioned on the pad	Center the device on the charging pad
Device is not charging	Foreign object detected	Remove metal objects from the charging pad.
Device is not charging	Power adapter not properly connected	Ensure the adapter is firmly plugged in.
Device overheats	Ambient temperature too high	Move to a cooler, better-ventilated location.
Device overheats	Multiple devices stacked on the pad	Charge only one device at a time
LED indicator blinking red	Foreign object detected	Remove all metal objects from the charging surface.
LED indicator blinking yellow	Overheat protection activated	Wait for the charger to cool down and ensure proper ventilation.
Intermittent charging	Device not properly centered	Reposition the device on the charging pad
Intermittent charging	Loose cable connection	Check and reconnect the USB-C cable.
Charger overheats	Normal operation during fast charging	This is expected — ensure good ventilation.
Charger overheats	Charging in a high-temperature environment	Move to a cooler location
Reduced charging efficiency	Device battery nearly full	Charging naturally slows as the battery approaches 100%.
Reduced charging efficiency	Load device not detected	Reposition the device

Warranty Information

This wireless charger comes with a 12-month limited warranty from the date of purchase.

The warranty covers manufacturing defects and material failures under normal use. The warranty does NOT cover:

- Damage caused by misuse, abuse, or accidents
- Damage caused by using uncertified adapters or cables
- Normal wear and tear
- Damage resulting from unauthorized modification or repair
- Damage from using the product in unauthorized environments

To claim warranty service, please contact our customer support team with your proof of purchase.

FCC warning statements:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

The device has been evaluated to meet general RF exposure requirement 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.

IC warning statements:

-English Warning Statement:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).

-French Warning Statement:

L' émetteur/recepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L' exploitation est autorisée aux deux conditions suivantes :

1. L' appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that are deemed to comply without testing of specific absorption ratio (SAR). Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation du débit d'absorption spécifique (DAS).

Thank you for choosing our product!