

Wireless Distance Charger: Best Practices and Trouble Shooting

By Raffel Systems

Features of the Wireless Distance Charger:

- Charges through a variety of materials, including foam, plastic, and upholstery
- Able to charge through a phone's protective case
- Works with most Qi-enabled devices
- Up to 10W fast charging
- Input over-voltage and over-temperature protection to prevent excessive heat buildup on the charger
- FCC certified and UL Listed

Wireless Charging may not activate if:

- The phone is not wireless charging compatible
- The phone's charging coil is not correctly aligned with the wireless charging coil
- There is a thick object between the phone and the distance charger
 - Examples include: remotes, books, pencils, etc.
- There is a metal object between the charging coil and phone.
 - Examples include: keys, silverware, etc.
- There are aftermarket accessories that interfere with the charging field and should not be placed on top of the wireless charger. This includes, but is not limited to:
 - Metal phone cases
 - Magnetic mounts
 - Phone cases with credit card wallet
 - Popsocket or similar grip accessories
 - Phone cases with metal hardware, example: springs for a kickstand
- The distance between the charger and the phone is less than 15mm
- The distance between the charger and the phone is greater than 25mm
- The wire connections are loose, not connected, or connected to the wrong power supply.
 - The correct power supply is a SPS 2A29 VDC

Additional troubleshooting information:

- To prevent overheating, an air cavity is recommended. For the air cavity specifications, reference page 4.



DANGER – TO REDUCE RISK OF ELECTRIC SHOCK:

Do not reach for an appliance that has fallen into water. Unplug immediately.

Never use pins or other metallic fasteners with this appliance.

Keep the charging area clear of any metal objects.

Discard the appliance if the covering shows any sign of deterioration, such as checking, blistering, or cracking.

Keep dry. Do not operate in a wet or moist environment.

No COD's will be accepted.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce risk of injury to persons:

READ INSTRUCTIONS BEFORE OPERATING.

INJURY MAY RESULT FROM IMPROPER USE.

NEVER REMOVE COVERS.

This appliance should never be left unattended when in operation.

Unplug appliance from outlet before relocating or troubleshooting.

Do not connect an extension cord to this unit.

Close supervision is necessary when this appliance is used by, on, or near children, invalids, or disabled persons.

Use this appliance only for its intended use as described in the operating instructions.

Do not use attachments not recommended by the manufacturer.

Keep all cords away from heated surfaces and pinch points.

Do not use outdoors. INDOOR USE ONLY.

Do not use on an infant or on a sleeping or unconscious person.

Do not use on sensitive skin. Prolonged exposure may have an adverse effect on sensitive skin – Always check the skin in contact with the heated area of the appliance.

Never operate this appliance if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Contact a service center for examination and/or repair.

To disconnect, turn all controls to the off position, then remove plug from outlet.



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This warranty applies only for normal use of the product, and shall not be effective for products or parts which do not function properly due to misuse, alteration, installation, accident, negligence, misapplication, modification, improper maintenance or commercial use, or if any product or part has been serviced or repaired by other than Raffel Systems. This warranty extends only to consumers and does not extend to Retailers.

This warranty is effective only if the product is operated in the country in which the product was purchased. A product that requires modifications or adoption to enable it to operate in any other country than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications is not covered under this warranty.

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Raffel Systems Consumer Relations
N112W14600 Mequon Road
Germantown WI 53022
No COD's will be accepted.



WIRELESS DISTANCE CHARGER AIR CAVITY

BY RAFFEL SYSTEMS (WCP BL 03)

Following both the recommended minimum air cavity dimensions and the charging distance specifications ensures an optimum charging experience.

For the best charging performance, the **charging distance specs** are:

- Min. thickness: 15mm
- Max. thickness: 25mm

The air cavity depth should be **at least 3"** from the bottom of the charger

Maintain a **margin of at least 1"** on all sides of the charger

