

SCANSTRUT

Waterproof Wireless Charger  
Sub 3 Coil

SC-CW-1GT, SC-CW-2GT, SC-CW-7GT

Electrical information &  
installation instructions.

REV A

(ENG) READ THESE INSTRUCTIONS BEFORE  
INSTALLING THE PRODUCT.  
(DE) LESEN SIE DIESE ANLEITUNG DURCH, BEVOR  
SIE MIT DER INSTALLATION BEGINNEN.  
(ES) LEA ESTAS INSTRUCCIONES ANTES DE  
INSTALAR EL PRODUCTO.  
(FR) VEUILLEZ PRENDRE CONNAISSANCE DE CES  
INSTRUCTIONS.  
(IT) AVANT DE PROCÉDER À L'INSTALLATION.  
(FIN) LUE NÄMÄ OHJEET ENNEN TUOTTEEN  
ASENTAMISTA.  
(SWE) LÄS DESSA INSTRUKTIONER INNAN  
PRODUKTEN INSTALLERAS.

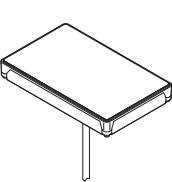


For latest tech info visit: [www.scanstrut.com](http://www.scanstrut.com)

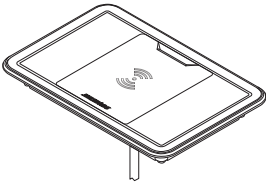
Scanstrut Ltd  
14 Dart Business Park,  
Clyst St. George, Exeter  
EX3 0QH

| Technical            |   |
|----------------------|---|
| IP Waterproof Rating | IPX6 Front and back                                       |
| Input voltage        | 10-30V DC (12/24V System)                                 |
| Input current max    | 2A  |
| Output power max     | 15W (12V 1.25A)   |
| Standby power max    | <1.2W   |
| Certification        | CE, UKCA, FCC, ROHS, C-Tick, UN ECE<br>R10, PSE Certified |

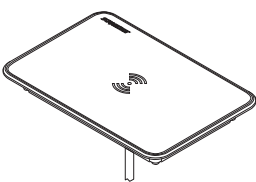
Part List



SC-CW-1GT



SC-CW-2GT



SC-CW-7GT

Tools required



Drill Bits

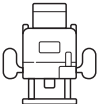
Ø6mm (0.24")  
Ø10mm (0.39")



Jig Saw



File



Router



Calipers

Optional

The product must be installed in accordance with the instructions provided. Failure to do so could result in personal injury, damage to your vessel/ vehicle and/or product failure.

Scanstrut recommends installation is carried out by a qualified electrician. No liability is accepted for damage and/or injury caused by incorrect installation.

The end-user is entirely responsible for conditions in which their device is used. See WARRANTY section for further details.

WARNING:

This product is to be connected to a 12V DC or 24V DC battery power source only.

The power supply must be switched off before installation.

An appropriate fuse or circuit breaker must be used between the battery / power source and this product. Check for correct polarity of all wiring before switching the power on.

This product may contain high voltages. Do not tamper with the product.

This product is NOT approved for use in hazardous/flammable atmospheres. Do NOT install in a hazardous/flammable atmosphere e.g. engine room.

Before drilling any holes, ensure the area behind the mounting location is clear of wires, fuel and all other hazardous objects.

Ensure any holes cut will not significantly weaken the structure of the mounting surface. If the product needs to be mounted outside, it must be mounted in a location safely above the waterline, where it is not at risk of being submerged.



CAUTION:

The product is designed specifically for the charging of Qi compatible devices.

The cable must be retained and not interfere with mechanical systems.

This product contains no user serviceable components. Do NOT attempt to repair or alter the product in any way.

This product will charge through non-metallic phone cases up to ~3mm thick. Phone cases may alter overall charge performance.

When used in a very high/low ambient temperature/direct or prolonged sunlight the product may temporarily shut down, this is a safety feature of the electronics.

The IP rating is only valid if correctly installed as per these instructions and on a perfectly flat, non-porous, smooth surface.

The gasket ultimate bond strength will be achieved after 72 hours at room temperature.

When selecting a mounting location, avoid places exposed to heat-radiating appliances and poorly ventilated areas.

EMC INSTALLATION GUIDELINES:

Scanstrut products conform to Electromagnetic Compatibility (EMC) regulations, to ensure that electromagnetic interference between equipment is minimised. Ensure the product is installed as directed in these instructions.

WIRING:

When extending the cable from battery/ power source to the product, ensure there is consistently a minimum of 10V being provided to the product. A wire gauge of 18AWG (0.82mm<sup>2</sup>) is recommended for any length of cable extension.

ENVIRONMENTAL PROTECTION:



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

IMPORTANT:

Scanstrut Ltd. accepts no responsibility for any injuries or other damages arising from the use of their products in any circumstances.

WARRANTY:

A 5 year, non-transferable warranty covers this Scanstrut product only and not any devices that are positioned in it or on it. No warranty is given for users' devices and users expose their devices to hazards, known or unknown, at their own risk.



RoHS

LED indicator Instructions



White LED Constant: ON Charge



Red LED Constant: Standby (power ON)



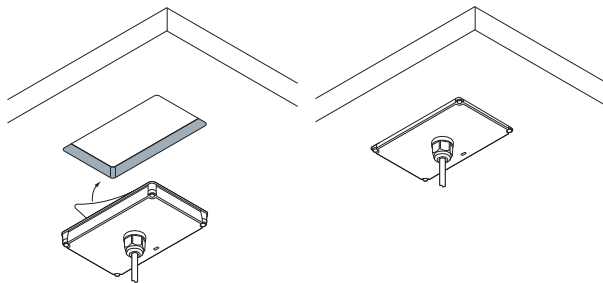
Red LED Flashing:

Foreign object detection: metallic object placed on top that is not Qi compatible.

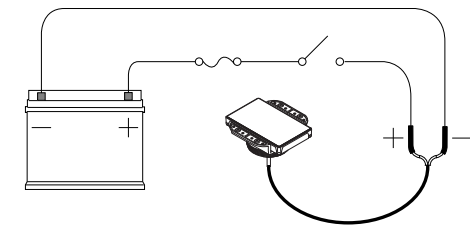
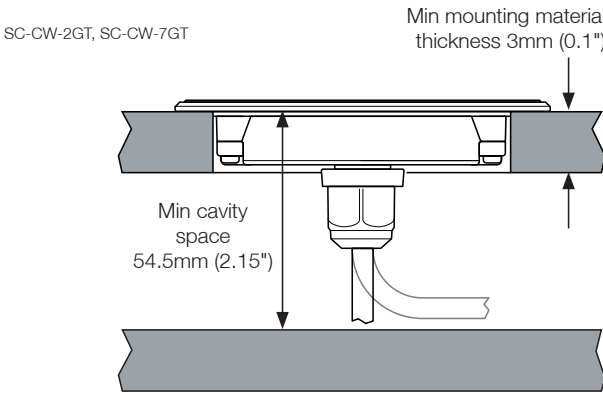
OR

Thermal cutout: The internal temperature is too high/ low. Wait for product to return to operating temperature.

SC-CW-1GT



SC-CW-2GT, SC-CW-7GT



- Connect wires or connectors to 12/24V supply, ensuring a waterproof connection.
- Fuse according to input voltage and current.
- Check LED indicator for standby power.

Note: The electrical schematic is to illustrate how the product should be connected to a 12V DC or 24V DC battery/power supply.

FCC Warning

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.

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.

FCC RF exposure statement:

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

FCC ID: 2APUP-SC-CW-7GT

Scanstrut Ltd, declares the product '3 Coil Wireless Sub 15W' SKU: SC-CW-7GT is in compliance with EMC CE-RED Directive (2014/53/EU) & standard EN 62368.

The CE certificate of conformity can be found at: [www.scanstrut.com/uk/compliance](http://www.scanstrut.com/uk/compliance).