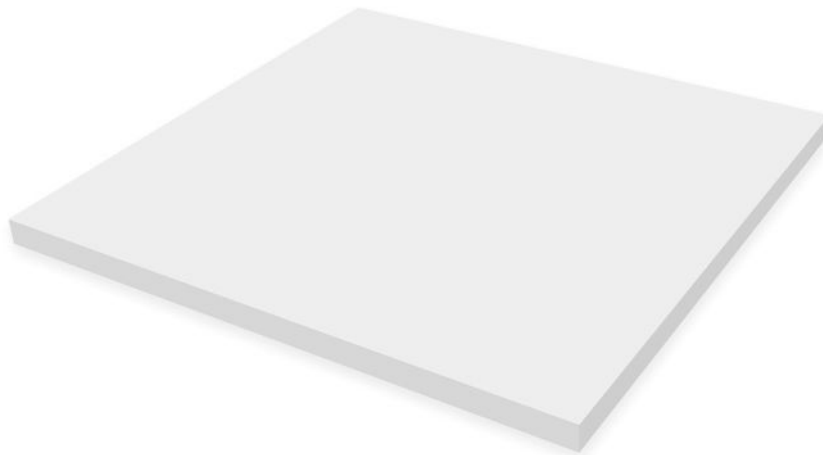




Installation & Control Guide for Radiant Ceiling Tile Heater for SL Wireless Controllers

Models

RCT250SL 250w

All electrical appliances produced by the Company are guaranteed for one year against faulty materials or workmanship. This applies only if the appliance has been used for purposes in accordance with the instructions provided and has not been connected to an unsuitable electricity supply, or subject to misuse, neglect, damage or modified or repaired by any person not authorised by us. This guarantee is offered to you as an extra benefit and does not affect your legal rights.

The correct electricity supply voltage is shown on the rating label attached to the appliance.

Reasonable care has been taken to ensure that this guide is accurate at the time of printing. In the interest of progress the Company reserve the right to vary specifications from time to time without notice.

Overview

Please read this guide carefully and retain for future use and maintenance. This appliance has been designed and manufactured to the highest international standards. However, care must be taken for optimal results and safety. This appliance also meets the requirements of EU Directive 2004/106/EC for EMC and 2009/125/EC Directive.

Safety & Care

The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Warning

- Do NOT site the appliance in a corner.
- Do NOT touch the heater when it in use.
- Do NOT use the appliance if damaged.
- Do NOT leave the appliance unattended.
- Do NOT use the heater in hazardous areas.
- Do NOT leave the wireless receiver on top of the heater.

Cleaning

Always isolate the heater from the mains before cleaning. The heater should not require any maintenance, but it is strongly advised that it is kept clean. An occasional wipe over with a soft cloth is all that should be necessary.

- Do NOT use metal or furniture polish on any part of the heater.
 - Do NOT touch the heater with wet hands or in any way bring water into contact with it.
- If the supply cord is damaged, the whole cord must be replaced by a competent electrician.

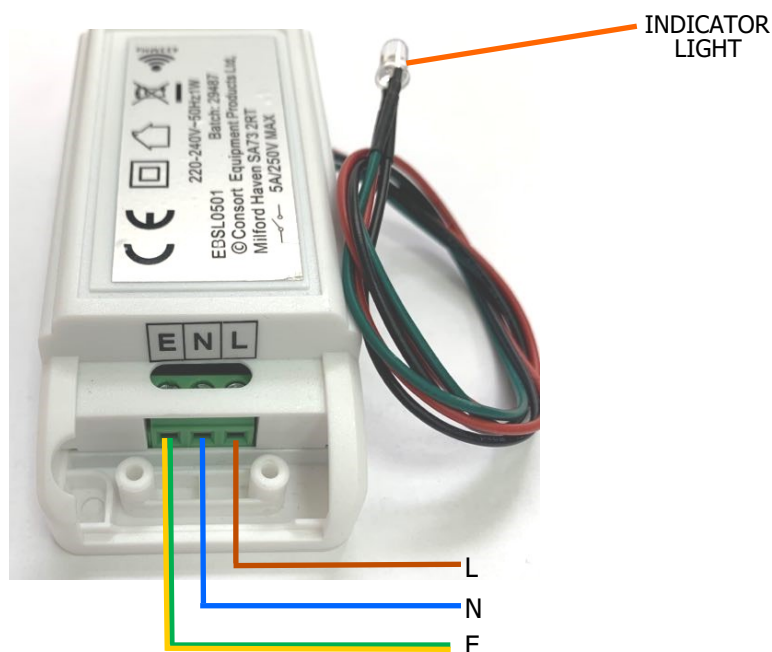
If Your Heater Does Not Work

- Check that power is available to the heater. The LED light on the SL receiver should be illuminated
 - Check that the fuse in the spur unit has not blown. This can be done by replacing the fuse with another suitable fuse.
 - Check if the heater is paired with the SL controller
- Should none of the above remedies work, then telephone the helpline number shown in these instructions (UK ONLY). Do not attempt to repair the heater.

Connection to the Main Supply

Electrical installation should be carried out by a competent installer, preferably registered with NICEIC in accordance with the latest edition of the IEE Wiring Regulations, (BS.7671), and any relevant Local Authority Bye-Laws. This heater is fitted with a 3-core mains supply cable and must be permanently connected to the electricity supply via a double pole switch having 3mm gap on each pole. **There are no exceptions.** A switched Fused Connection unit to BS.1363. Part 4 is a recommended mains supply connection accessory to ensure compliance with safety requirements applicable to fixed-wiring installation.

WARNING: This appliance must be earthed.



Installation

Claudgen RCT radiant ceiling tile heaters can be installed "invisibly" in a 600 x 600 ceiling tile system and offer each office, showroom or store maximum interior or showroom free display space. With the integrated mounting system the panels are easy to mount in any type of ceiling.

The ceiling heaters warm up everything within range of the radiant panel, just as the sun heats the earth. This is done in a very short amount of time. They are perfect for those areas that are not occupied the entire day, need to be heated quickly and free up wall space.

Claudgen RCT radiant ceiling tile heaters only produce radiant heat. The high intensity of the infrared heat waves results in a comfortable feeling in just a few minutes.

Mounting

2.1 Ceiling grid system.

- Place the heater in the required ceiling square. The heater will fit most standard ceiling grid systems.

NOTE! Avoid fixing vertical bars in the T-profile where a heating panel is to be installed. The panel fills out the whole square. It is recommended that the ceiling frame is adequately supported.

- Connect the panel.

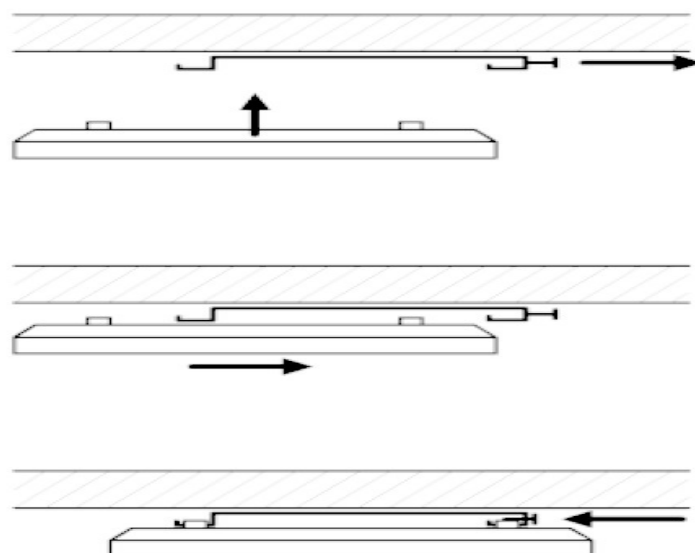
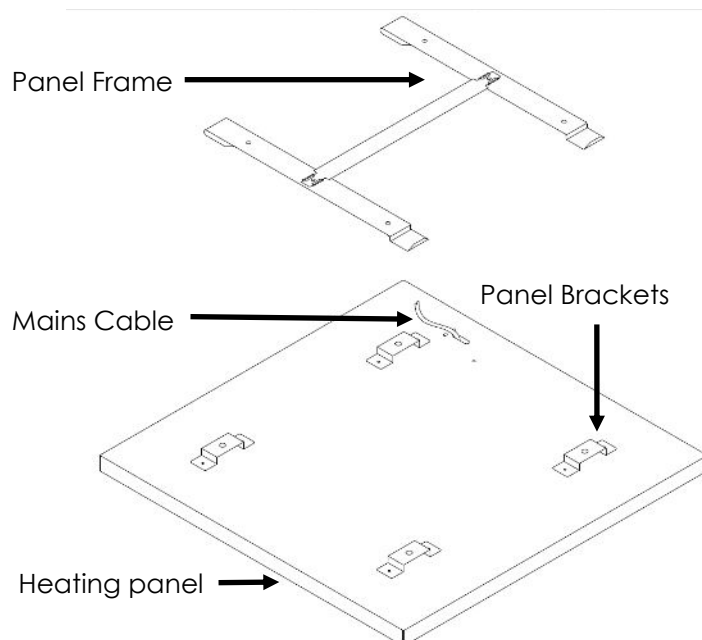
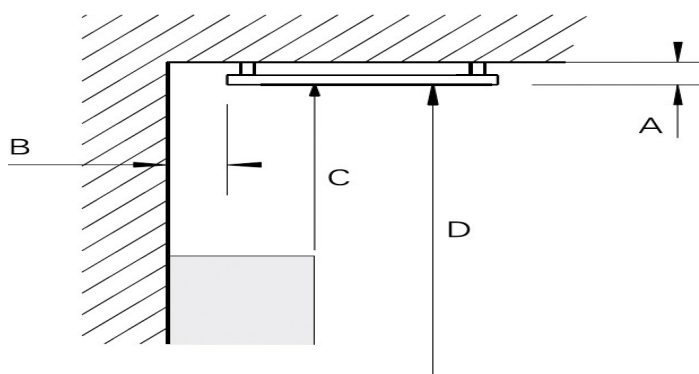
2.2 Bracket mounting

- Measure, drill and screw the panel frame to the ceiling.
- Hook the panel brackets to the panel frame on the ceiling
- Connect the panel.

Note : - When mounting in gypsum board, make sure that the panel frame is anchored in the beam behind. During long-term high temperatures the strength of the board is reduced.

Fig A minimum distance

A: Ceiling	80mm	C: Obstacle	500mm
B: Wall	50mm	D: Floor	1800mm



SL Receiver Installation

The heater is supplied with the SL wireless receiver pre-wired. The cable length is approximately 0.9m. The receiver should be screwed to the wall with 2x screws and suitable wall plugs. Care should be taken when installing the receiver. It must not be positioned above, behind or below the heater.

The receiver has an LED plugged into the side of it. this can be used for indication and to see the heater's current status. The LED is optional, the receiver will operate regardless.

Technical information

Output	250w
Voltage	230v
Amps	1.09A
Max surface temp	110°C
Size	590x590mm
Weight	4.7Kg

Operation

When the appliance is connected to the mains supply, the LED indicator will light up green, showing that the power is available to the unit.

When the heat output has been enabled by a controller, the LED indicator light will turn red.

This heater must be used in conjunction with an SL wireless controller. Each SL controller can control any number of heaters providing they are in the RF range.

Please refer to the SL user and operating instructions for full operational details.

CUSTOMER HELPLINE

Should you need any advice on the use of your new Consort product, please contact our Helpline:

Consort Equipment Products Limited

Thornton Industrial Estate, Milford Haven, Pembrokeshire, SA73 2RT

Tel: 01646 692172 Fax: 01646 695195

Email: technical@consortepl.com Web: www.consortepl.com

Operation hours: Mon to Thu 8.30am to 4.30pm | Fri 8.30am to 3.30pm

BS EN ISO 9001 Registered Company No FM12671

Declaration Of Conformity

In accordance with UK Government Guidance.
WE HEREBY CERTIFY THAT THE APPLIANCES DETAILED HEREON HAVE BEEN
INSPECTED AND TESTED, AND CONFORM TO THE REQUIREMENTS OF THE
FOLLOWING UK STATUTORY INSTRUMENTS WHERE APPLICABLE:

Electrical Equipment (Safety) Regulations 2016 SI. 2016 1101

Electromagnetic Compatibility Regulations 2016 SI. 2016 No. 1091

Radio Equipment Regulations 2017 SI. 2017 No. 1206

The Ecodesign for Energy Related Products and Energy Information (Amendment) (EU Exit) Regulations 2019. SI. 2010 2617

The Restriction of use of Certain Hazardous Substances. SI. 2012 No. 3032

The Waste Electrical and Electronic Equipment Regulations 2013. SI. 2013 No. 3113

Security Requirements for 'Connectable Products' PTSI Acts 2022

The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023

Transposed standards used:

- | | |
|---------------------------|--------------------------------------|
| • BS EN 55014 (2006) | • EN 50663 (2017) |
| • BS EN 301489.1 & .3 | • EN 60730-2-9 (2010) |
| • BS EN 300220.1 & .2 | • EN 60730-1 (2011) |
| • BS EN 60730.2.9 | • ETSI EN 300 220-1 V3.1.1 (2017-02) |
| • BS EN 60335.1 (2012) | • ETSI EN 300 220-2 V3.2.1 (2018-06) |
| • BS EN 60335.2.30 (2009) | • ETSI EN 301 489-1 V2.2.2 (2019) |
| • ETSI BS EN 303645 | • ETSI EN 301 489-3 V2.1.1 (2019) |

PART NUMBER AND DESCRIPTION OF APPLIANCE:

RCT250SL

NAME OF RESPONSIBLE PERSON:

POSITION:

DATE:

DAVID O'SULLIVAN

OPERATIONS MANAGER

24/06/24



FM 12671

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