



Electric Plinth Heater Instruction Manual

PH501E



Contact Cable on 0117 938 7420 for spare parts or www.cable.co.uk

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SAFETY INSTRUCTIONS

Read these instructions carefully and completely before using your plinth heater, keep it in a convenient place for reference when necessary.

WARNINGS

- This appliance can be used by children aged from 8 years and above.
- Persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge must be supervised and given appropriate instruction concerning the use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance should not be carried out by children without supervision.
- Children less than 8 years of age should be kept away unless continuously supervised.
- The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements.
- To prevent fire hazards do not block the ventilation grille.
- Keep all flammable materials away from the appliance.
- It is dangerous to alter or modify the specifications of the appliance in any way.

- This appliance is intended to be used in household and similar applications such as:
 - › Staff kitchen areas in shops, offices and other working environments.
 - › Farm Houses.
 - › By clients in hotels, motels and other residential type environments.
 - › Bed and breakfast type environments.
- Ensure that the supply cord is not wedged during the installation. If the supply cord is damaged, it must be replaced by a Caple service technician or similarly qualified persons in order to prevent a hazard.
- Do not use harsh abrasive cleaners or sharp metal scrapers to clean the grille, as this may damage or scratch the surface.
- Ensure the appliance is switched off before any cleaning or maintenance.
- A Caple approved engineer or highly competent person(s) should be used for other maintenance requirements.



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. This appliance is marked according to the European Directive on Waste Electrical and Electronic Equipment (WEEE).

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The symbol on the product indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. Disposal must be carried out in accordance with local environmental regulations for waste disposal.

For more detailed information about treatment, recovery and recycling of this product, please contact your local council, your household waste disposal service or the retailer where you purchased the product.

CE DECLARATIONS OF CONFORMITY **CE**

This appliance has been manufactured to the strictest standards and complies with all applicable legislation, Low Voltage Directive (LVD) and Electromagnetic Compatibility (EMC).

UKCA DECLARATIONS OF CONFORMITY **UK CA**

This appliance has been manufactured to the strictest standards and complies with all applicable legislation.

WARRANTY

Your new appliance is covered by warranty. The warranty card is enclosed - if it is missing, you must provide the following information to your retailer in order to receive a replacement: date of purchase, model and serial number (placed on the inside of the appliance storage drawer). Registration can also be completed online by visiting www.caple.co.uk.

Ensure you keep your warranty card safe, you may need to show it to Caple Service together with proof of purchase.

If you fail to show your warranty card you will incur all repair charges.

Spare parts are only available from Caple Service and spare parts authorised centres.

FITTING INSTRUCTIONS

The plinth heater pack contains the following items:

1 x Heater unit

1 x Stainless steel fascia grille with fixing screw pack

1 x Wall controller

1 x Instruction manual

LOCATION

Select a location in a cavity beneath a kitchen cupboard ensuring the area is clean and level. Care should be taken not to store perishable goods in the cupboard directly above the heater.

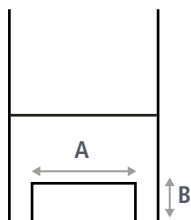
NOTE

This plinth heater must not be fitted in a bathroom or other high humidity area.

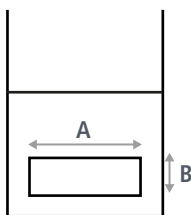
PREPARATION

This product is normally fitted directly onto the floor. Once the position has been decided, mark out and cut the plinth to the dimensions as shown below. Please take care to make the cut out sizes as accurate as possible as the grill is 100mm high.

It is recommended that a gap of 20mm is left between the top of the plinth and the shelf of the cupboard above to ensure adequate airflow.



Floor mounting



Plinth mounting

A	B
360mm	96mm

A = Width of cut out

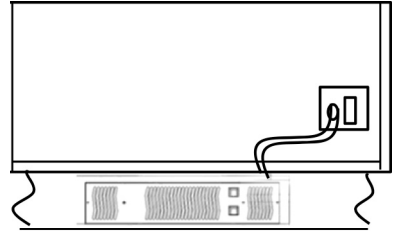
B = Height of cut out

ELECTRICAL SUPPLY

WARNING

Ensure the power supply to the socket is isolated before starting any work.

Electrical connection should be via a double pole 10 amp fused spur with a minimum contact gap of 3mm. The fused spur should not be directly above the heater unit, but should be accessible after installation. This appliance must be earthed.



NOTE

It is recommended that all electrical work is carried out by a qualified electrician and Electrical installation must comply with local and national regulations.

WALL CONTROLLER

INSTALLATION INSTRUCTIONS

Installation and connection should only be carried out by a suitably qualified person and in accordance with the current edition of the IET wiring regulations.

WARNING

Isolate mains supply before commencing installation.

CHOOSING A POSITION IN THE ROOM

The control unit should be fixed to the wall in a position which avoids areas of draft or direct sunlight. Do not position above or close to other heaters or heat sources. Also avoid areas which are damp or where the controller can be mechanically damaged.

WIRING BOX MOUNTING

The controller is designed to fit directly onto a single gang back box. When a metal box is used this must be earthed. The controller is powered by mains 240VAC 50HZ and has a power consumption less than 1W. The maximum size of wire that can be used is 1.5mm². Do not overtighten the connector screws. Take care not to damage the components when connecting the cables.

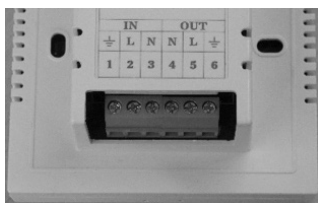
PLEASE ENSURE THAT ALL INSTALLATIONS COMPLY WITH CURRENT IER REGULATIONS

COMMISSIONING THE TIME SWITCH

Ensure all dust and debris has been cleared away from the work area before removing the time switch from its packaging.

FITTING THE TIME SWITCH

Connect the mains power supply cables Earth, L and N to the IN connectors Earth (1), L (2) and N (3).

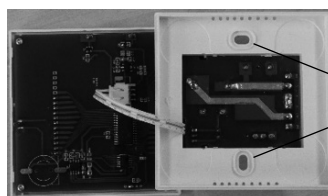


IN			OUT		
⊥	L	N	N	L	⊥
1	2	3	4	5	6

Connect the heater power cables N, L and Earth to the OUT connectors N (4), L (5) and Earth (6).

Electrical installation should be carried out by a competent installer in accordance with the IET wiring regulations (BS.7671) and any relevant local authority by-laws. The heater is fitted with a 3 core mains supply cable and should be permanently connected to the electricity supply via a double pole switch having 3mm gap on each pole. A switched fuse connection to BS.1363. Part 4 is a recommended mains supply connection accessory to ensure compliance with safety requirements applicable to fixed wiring installation.

Once the cables are connected, to fit the controller to the back box, remove the front display unit from the back plate by gently placing the end of a flat head screwdriver in the 2 slots at the bottom of the controller and twisting gently as shown in the diagram below.



Fixing holes

Gently lift up the end of the fascia and unclip from the tabs at the opposite end of the controller. Do not force the fascia off as it could damage the location tabs.

Once the fascia is removed you will see the 2 fixing holes to allow the unit to be screwed onto the back box.

Once back plate has been screwed to the back box place the fascia on the location tabs and close the fascia onto the back plate until it locks in place.

GENERAL INFORMATION

Before handing over the installation to the user, always ensure that the system responds correctly on all control programmes and that other electrically operated equipment and controls are correctly adjusted. Explain how to operate the controls and hand over the operating instructions to the user.

SAFETY

- › Do not handle the controller with wet hands.
- › Do not use the controller in rooms where excessive dust is generated or present.
- › Ensure all apertures on the controller are kept clear always.
- › Do not cover the controller.
- › Do not use the controller if it is damaged.

SPECIFICATION

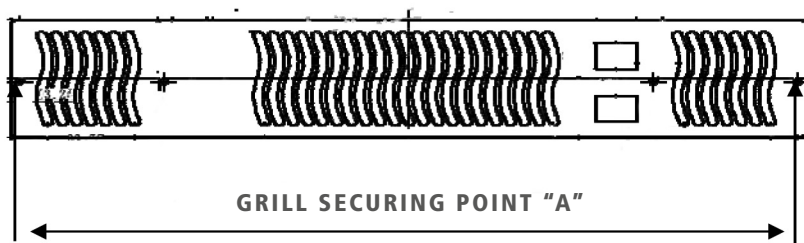
- | | |
|-----------------------------|---|
| › Supply – 240VAC 50 HZ | Temperature Accuracy +/- 1°C |
| › Maximum load current 10A | Temperature display range 5°C - 35°C |
| › Dimensions 86 x 86 x 14mm | Temperature control accuracy $\leq 1^\circ\text{C}$ |

POSITIONING THE HEATER

Once the power supply has been connected ensuring that the electrical cable is not in contact with any hot surfaces and the plinth is placed in position, slide the heater unit into the plinth cut out ensuring the power cable is not snagged. Push the unit fully in until the grill touches the plinth ensuring the heater is centralised in the cut out and that the unit is sitting flat on the floor.

SECURING THE GRILL

Once the heater is in the correct position secure the grill to the plinth using the 2 screws provided at point "A".



OPERATION

- › Switch the unit on at the wall socket.
- › Select the heat setting (lower switch) to Low " I " .
- › Switch the power switch (upper switch) to ON " I " .
- › If you require more heat move the bottom switch to Boost " II " - To switch off move the power switch to OFF " 0 " .



"0" OFF
"I" ON



"I" Low (950w)
"II" Boost (1900w)

WALL CONTROLLER

USER INSTRUCTIONS

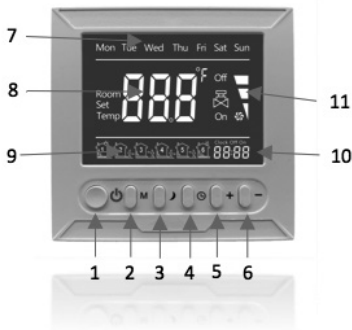
Reasonable care has been taken to ensure that this guide is accurate at the time of printing. As part of the ongoing development of our products the company reserve the right to vary specifications from time to time without notice.

The heater controller has 2 main functions:

1. Manually turn the unit on and off and adjust the room temperature.
2. Programme 3 fixed time periods with individual temperature settings.

The heater also has built in frost protection and an open window sensing, which means the product shuts down when a window is open to save energy. This is done by monitoring output against temperature, and stopping if the heater is on but the temperature is not changing.

CONTROLLER OVERVIEW



- | | |
|----------------|---------------------|
| 1. On/Off | 7. Day of week |
| 2. Memory | 8. Room Temperature |
| 3. Time period | 9. On/Off period |
| 4. Clock | 10. Time of Day |
| 5. Up | 11. Heater on/off |
| 6. Down | |

SETTING THE TIME OF DAY

1. Press the on/off button to switch on the unit.
2. Press the clock button and release. The hour display on the time will now flash. Adjust the hour display using the Up and Down buttons.
3. Press the Clock button again. The minute display will now flash, adjust using the Up and Down buttons.
4. Press the Clock button again. The day of the week display will now flash. Change the day using the Up and Down buttons.
5. Once complete press the Memory button.

SETTING THE ON AND OFF TIMES

1. Press the Time Period button so the time period is displayed on the screen.
2. Press and hold the Memory button for 5 seconds. When the first On/Off period starts to flash release the button.
3. The room temperature display will now flash, Use the Up and Down buttons to set the room temperature you require during this time period.
4. Press the Clock button. The time of day display will now flash. This is the time that the first time period will begin. Adjust the hour displayed using the Up and Down buttons.
5. Press the clock button again. The minute display will now flash, adjust using the Up and Down buttons.
6. To set the time you want the first time period to end, press the Clock button. The second time period will flash, Press the Time Period button, the room temperature display will now flash, Use the Up and Down button to set the room temperature you require after the first period has ended.
7. Press the Clock button. The time of day display will now flash, this is to set the time that the first time period will end. Adjust the hour displayed using the Up and Down buttons.
8. Press the Clock button again. The minute display will now flash, adjust using the Up and Down buttons.
9. Repeat steps 6, 7 and 8 to set the remaining 2 On/Off time periods.
10. Once all 3 time periods have been set press Memory.

AUTOMATIC OPERATION

To run the system in automatic mode, from a power off position:

- › Switch the heater unit to the ON position.
- › Press the power ON/OFF button on the controller.
- › Press the Time Period button, the On/Off display icon will now be visible on the screen.
- › The unit will now run in automatic mode until either the controller is turned Off or switched to manual operation.

MANUAL OPERATION

To run the heater manually from a power Off position:

- › Press the power ON/OFF button on the controller to switch the unit on. The unit is now in the manual function.
- › To set the fan On/Off room temperature use the Up and Down buttons.
- › Press the power ON/Off button on the controller to switch the unit off.
- › If you want to switch the heater to automatic function press the Time Period Button.

SERVICE AND REPAIR

This controller is NOT user serviceable. Please do not dismantle the unit in the unlikely event of a fault developing. If powering the unit on and off does not resolve the problem, please contact Caple Service.

TROUBLESHOOTING

FAN DOES NOT RUN ON ANY SWITCH SETTING

- › Check the power supply is switched ON.
- › Check fuse in fused spur.
- › Check the breaker in the main fuse box.
- › Check the wiring connections at the fused spur.

OVERHEAT PROTECTION SWITCH HAS ACTIVATED

- › Switch off the power at the fused spur.
- › Leave the unit to cool down for 5 mins.
- › Check the unit for any build up of dust or fluff and clean with a vacuum cleaner if required.
- › Once cooled down switch on power supply and retry.

NOTE

If a problem still persists please contact Caple Service 0117 938 7420 or service@caple.co.uk.

CARE AND MAINTENANCE

Before any maintenance is carried out on the unit the electrical supply must be isolated. Maintenance should be restricted to dust and lint removal around the unit. Do not tamper with any electrical parts. A Caple approved engineer should be used for other maintenance requirements.

TECHNICAL DATA

Heat output: 1.9kw (950w+950w).

Electrical supply: 220-240 V – 50 Hz.

Fuse rating: 10amp.



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