

Timekeeper Plus

Operation:

Congratulations on purchasing your Heirloom Timekeeper Plus. Using the HTP will allow you to save up to 2/3 on your heated towel rail running costs. It can be installed with either a Concealed Cord (for use where the towel warmer is installed with the power cord concealed in the wall cavity) or an External Cord (for use where the towel warmer is installed with the power cord external to the wall cavity)

Features

- Five operational modes.
- Easy to use single button control.
- LED indicator lights.
- The LED lights run at a very low intensity 24-7, so you can find the Timekeeper Plus in the dark.

Modes

The HTP has five operational modes. Decide which option best suits your home.

1. **3 hours countdown:** Press the button once, the first LED is on. The towel warmer will run for three hours and switch off. It does not repeat.
2. **5 hours once daily:** Press the button twice, the second LED is on. The towel warmer will run for five hours on, 19 hours off, from the time of switching on.
3. **4 hours twice daily:** Press the button three times, the third LED is on. The towel warmer will run for 4 hours on, 8 hours off, twice daily
4. **6 hours twice daily:** Press the button four times, the fourth LED is on. The towel warmer will run for six hours and six off, twice daily
5. **24 hour operation:** Press the button five times, the fifth LED is on. The towel warmer will run continuously.

Boost: (extra time)

Press the button once, during any cycle adds four hours to the chosen cycle. This mode is indicated by the LED corresponding to the chosen mode flashing three times before the LEDs scroll across.

Switching off

Press and hold the button for two seconds; the unit will give an audible click

Notes about cycle modes

1. Set your Timekeeper Plus initially at the time you want the cycle to start running. For cycles that operate twice daily, they can be set morning or evening
2. You can identify which part of the cycle it is in. The LEDs will **all flash on**, then display the selected mode, then scroll across every five seconds. During the **off** part of the cycle, the LEDs will all turn off, then display the selected mode, then scroll across every five seconds.
3. To change to an alternative mode, the unit must first be switched off (for 10-15 seconds)
4. After a power failure, the timer must be reset.
5. In installations with solar power, length of cycle time may be affected

INSTALLATION:

Technical information

Power supply	220-240V ac, 50-60Hz
Load capacity	10A (resistive), 4 A inductive
Operating temperature	-10°C to 30°C
Compliance	AS/NZS3100:2002 AS/NZS CISPR14:2002 AS60529:2004 (IPx4 certification)

Safety

When using any electrical appliance, safety precautions should always be observed. Read these instructions carefully, and retain for future reference. The product must be installed by an authorised person

Installation Instructions:

Regulations require that electrical work be carried out only by authorised persons. For your own safety, and that of others, please ensure this is done.

If the installation is for Concealed Cord (i.e. the power cord is internally wired and concealed in the wall cavity) then use the Timekeeper switch as supplied and discard the supplied cable glands.

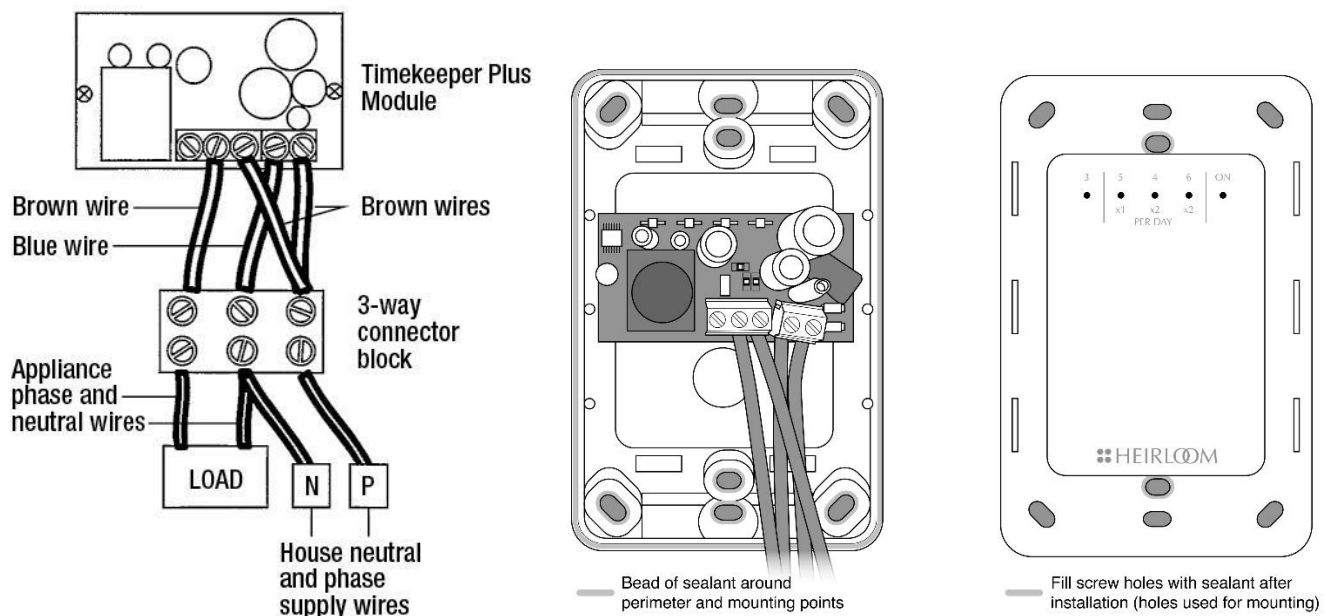
If the installation is for External Cord (i.e. the power cord is external to the wall cavity) then a hole must be made for the power cable to exit the front of the Timekeeper faceplate. Take a very sharp knife and carefully cut a hole in the faceplate covering to match the hole in the faceplate plastic cover.

Note: For Exposed Flex installation, the supplied cable gland or cable clamp will need to be fitted to the front of the faceplate. The cable gland must be fitted before connecting the appliance / towel warmer wires.

Important ! The screw type cable gland is recommended to ensure the best IP rating for the installation.

Connection:

1. Electrically isolate the existing switch or socket by switching off the circuit breaker for that circuit
2. Before removing the existing plate and disconnecting the attached wires, look to see how the existing switch is wired to the house wiring.
3. Identify the phase (red) and neutral (black) wires from the house, and the phase (red or brown) and neutral (black or blue) coming from the load (the appliance). Label them if needed.
4. Attach the supplied 3-way connector block to the HTP as shown below. **Important:** This is a sensitive electronic device; do not over-tighten the module screws



5. On the other side of the connector block, connect the house phase (red) and neutral (black)
6. Wire in the load (the appliance / towel warmer) phase and neutral as shown. The neutral is shared between the house and load. Earth wires can be connected together with a screw connector (not supplied)

IMPORTANT NOTE:

To maintain IPx4 compliance, a bead of silicon should be applied to the perimeter, mounting points and screw holes, as shown above. Care should be taken to ensure that water cannot bypass the sealant and come in to contact with live parts. Use the screw type cable gland for exposed flex installations.

Warranty

Heirloom Timekeeper Plus is warranted against manufacturing faults for 2 years from date of purchase. Heirloom is only liable for replacement or repair of the faulty unit and is not liable for any consequential damages caused or costs incurred. Refer any servicing questions to the supplier you bought the unit from or call 0800 434 756. Made in New Zealand and Distributed by:

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