

HEATSTRIP[®]



TT-MTR-PLUG Product Manual



DIY HEATSTRIP Controller TT-MTR-PLUG

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The TT-MTR-PLUG controller consists of a remote control and a plug-in wall socket timer unit to provide easy wireless timer operation of wall plug connected appliances.

The TT-MTR-PLUG has been designed to provide easy remote control timer functionality to wall socket powered Heatstrip heaters. The unit can however be used to remotely operate with timer functionality any device powered by a standard 10A Australian wall socket outlet.



Design Features

- The TT-MTR-PLUG provides an easy means of remotely turning on appliances that are normally permanently connected to a standard wall socket.
- An easily selected 1 hour, 2 hour and 4 hour timer function accessible on both the wall unit and remote
- The slimline design of the wall unit allows side by side installation of multiple units into a double wall socket outlet.
- Programmable remote control unit capable of controlling multiple units.

Specifications

Remote Battery	CR2025, 3v, Lithium
Remote Range	10m+
Wall Socket Supply	220V—240V, 50Hz
Max Load	10Amp (2400W)
Standby Consumption	<1W
Remote Frequency	38kHz IR
Dimensions (mm)	105 (H) x 55(W) x 60(D)
Approvals	Australian Standards AS/NZ



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Operation

To use the controller, simply plug the wall unit into a regular wall socket outlet and then connect your appliance to the controller. Switch the wall outlet on. The appliance can now be controlled by using either the buttons on the wall unit or on the remote control. To turn the appliance on press the On/Off button on either the wall unit or the remote control.

Timer

To use the timer, turn the appliance on and then press the Timer button on either the wall unit or the remote control. Each press of the timer button will scroll the timer delay from 1 hour, 2 hours, 4 hours and permanently on.

The appliance will remain on until the selected delay period has passed, after which the wall unit will turn the appliance off.

If the Timer button is pressed after the desired time delay has been selected, the new time delay period will initiate. For example, if the Timer button pressed 30 minutes into a 1 hour time delay, a new 2 hour time delay period will start.

Remote Control

The remote control will operate at a distance up to and usually over 10 meters. Objects such as windows and solid walls will reduce the remote range. The remote also has limited range when operated from sharp angles. The range of the remote is similar to most TV remotes.

Code Matching

Each TT-MTR-PLUG product is supplied with a remote control that is specifically programmed to operate only the wall controller unit supplied. This allows multiple controllers to be operated individually in a confined space without interference.

If multiple units are to be operated independently it is advised to mark or label each remote control to avoid confusion

It is also possible to control multiple wall units using a single remote control. To do this the wall unit must be 'code-matched' to the remote. To do this follow the step given below:

- 1) Insert a wall unit into a outlet socket
- 2) Turn on the wall socket power.
- 3) Press and hold at the same time both the ON/OFF and TIMER buttons on the WALL UNIT for a minimum 5 seconds until all 4 LED lights flash.
- 4) While the LED lights are flashing press either the ON/OFF or TIMER button on the REMOTE you wish to use the operate the wall unit. Note: If no button is pressed within 30 seconds the wall unit will exit the programming mode and the LEDs will stop flashing.
- 5) Once a button on the remote has been pressed the wall unit LEDs will flash 5 times quickly.
- 6) The wall unit is now match to the remote control.



Battery - WARNING!

Button batteries are extremely dangerous if swallowed. Please ensure the battery in the remote control is kept clear from all babies and all young children.

If you suspect a button battery has been swallowed:

Go to the hospital emergency department immediately, advise doctors & nurses that a coin-sized button battery has been swallowed

Provide the medical team with battery type code The TT-MTR-PLUG remote uses a "CR2025" battery

DO NOT let the child eat or drink until X-ray can determine if a battery is present

DO NOT induce vomiting

To insert or replace a battery into the remote, first remove the retaining screw from the rear of the remote control unit and withdraw the battery mount. Place the battery in the mount with the + toward the rear of the remote.

ENSURE THE RETAINING SCREW IS REPLACED after replacing the battery.



Safety

The product is IP rated 2X which means it is not rated for outdoor exposed areas.

The product contains no user serviceable parts other than the battery. Return to retailer for warranty claims or safely dispose of if damaged.

Never clean the product while connected to power outlet. Only clean the product after removing from the power supply and use a soft slightly damp cloth. Ensure product is fully dry prior to operating again.

Remove spent batteries from the remote control and dispose of safely.

The TT-MTR-PLUG is rated for 10A only. Do not attempt to draw higher currents from the unit.

Any operation of the product outside the directions given are potentially dangerous and will void the product warranty.

Troubleshooting

Remote control not working

Flat Battery: Check that the LED light on the remote control lights up when a button is pressed.

If it doesn't, change the battery.

Out of Range: Ensure there is a clear line-of-sight between the remote and wall unit and there are no obstructions. Reduce the distance to confirm there is a response by the wall unit.

Code matching: Follow the code matching procedure given above to ensure the wall unit is programmed to be operated by the remote control.

Warranty

The below Warranty Terms and Conditions apply for **New Zealand and Australia only**.

Thermofilm warrants to the original owner that Thermofilm products will be free from defects in materials and workman-ship for a period of 12 months for residential use from the date of purchase in accordance with the following warranty

terms and conditions. For commercial use warranty is 12 months.

Provision of this warranty is subject to:

- The TT-MTR-PLUG controller must be installed and operated in accordance with the instructions provided in this booklet and in accordance with any relevant electrical standards and codes.
- The customer has not repaired, opened or altered the product in any unauthorized manner.
- This warranty excludes damage to the product or components arising from circumstances outside the control of Thermofilm, including, but not limited to, where the product is not used for intended purpose; where the product has been rectified in any way; incorrect installation; incorrect power supply; damaged caused during delivery; misapplication, misuse, abuse, vandalism, lack of maintenance or accident.
- Thermofilm's obligations under this warranty are limited to repair or replacement at Thermofilm's factory of any components of the product which Thermofilm identifies to its satisfaction to be defective.
- Transportation charges involved in return of the product to the Thermofilm factory (or any other location authorised in writing by Thermofilm) is the sole responsibility of the customer.
- All products are inspected and tested before despatch and are at the risk of the purchaser after the shipment from the Thermofilm factory, if not delivered by Thermofilm to destination.
- No products or components will be supplied in advance of an examination of the faulty product or components by Thermofilm or an authorized representative of Thermofilm.
- Thermofilm does not participate in any site related costs or labour expenses incidental to replacement of parts, repairing, removing, installing, servicing, transportation or handling of parts to complete products, and assumes no liability on parts repaired or replaced without written authorisation. Thermofilm shall not be liable for any default or delay in performance of its warranty obligations caused by any circumstances beyond its control, including, but not limited to, judicial or government restrictions, strikes, fires, floods, abnormal weather conditions, delayed supply of components.

Should products be determined as damaged on arrival, immediately notify the transport company of the condition and have them noted on the freight documents. If damage is discovered after unpacking, demand immediate inspection by the transportation company and insist that a record of the damage is made on the freight documentation.

The customer warrants using the product in accordance with:

- Any instructions provided to it by Thermofilm from time to time.
- All government and local regulations, including but not limited to all relevant electrical, environmental laws and regulations governing the installation, storage, use, handling and maintenance of the goods.
- All necessary and appropriate precautions and safety measures relating to the installation, storage, use, handling and maintenance of goods.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a re-placement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage.

You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

All warranty requests for repairs or replacements must be accompanied by a complete "Warranty Claim Form" available from Thermofilm, together with proof of purchase (and where possible, photos of the installation) and the heater returned to the place of purchase.

In the event of a warranty claim, the goods need to be returned to the distributor/retailer for repair/replacement.



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