

TRTS / TRTSB / TRTSL / TRTSLB

7 Day Programmable Timer

Installation & User Guide



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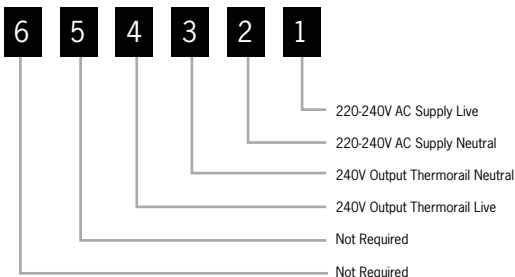
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Installing the timer

Carefully remove the back of the timer by placing a flat head screwdriver into the slots on the bottom of the unit and push to release.

Unplug the cable connector from the back of the timer screen.

Connect the Thermorail towel rail to the timer as seen in the below wiring diagram.



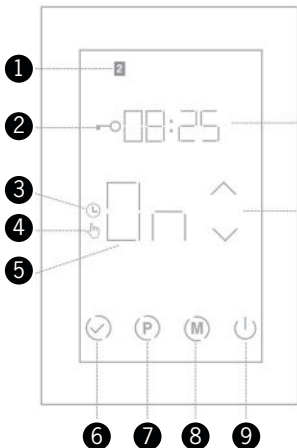
Installing the timer

Please note the timer is a 240Volt unit, so both the input and output voltage is 240Volt and it DOES NOT have a transformer incorporated in the unit. For a low voltage towel rail, the towel rail needs to be wired directly to a suitably rated transformer. A lead from the 240Volt side of the transformer is then wired into terminals 3 & 4 of the timer, so the transformer is positioned between the towel rail and the timer.

Screw the back plate of the timer to the electrical plate.

Plug the cable connector into the back of the timer screen and connect the screen to the back of the timer.

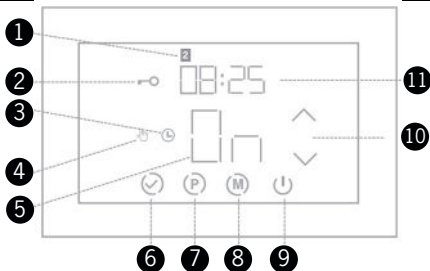
User Interface: Portrait



1. Day indicator
2. Key lock icon
3. Schedule mode icon
4. Manual mode icon
5. ON/OFF indicator
6. Confirm settings
7. Program button
8. Mode button
9. Power button
10. Up & down arrows
11. Time

Please note, the TRTS & TRTSB are portrait units only and the screen cannot be changed to landscape orientation.

User Interface: Landscape



- | | |
|-----------------------|----------------------|
| 1. Day indicator | 7. Program button |
| 2. Key lock icon | 8. Mode button |
| 3. Schedule mode icon | 9. Power button |
| 4. Manual mode icon | 10. Up & down arrows |
| 5. ON/OFF indicator | 11. Time |
| 6. Confirm settings | |

Please note, the TRTSL & TRTSLB are landscape units only and the screen cannot be changed to portrait orientation.

Setting the date and time

Press ⌚ and the time will begin to flash

Use ^ v to select the correct time

Press ⌚ until the day begins to flash (Note: Monday is Day 1)

Use ^ v to select the correct day

Press ⌚ to save the settings

Heating Modes

When the timer is on, press the  to switch between manual and schedule modes.

Manual Mode

In manual mode press the   to set the ON/OFF status.

Schedule Mode

In the schedule mode the timer will follow the heating schedule that is set. Refer to page 10 for programming instructions.

Advanced Settings

To access the advanced settings, turn the timer off by pressing 

Press  to display setting 01

Use the   to adjust the settings

Press  to cycle between setting 01 to 03

Press  to save the settings

Menu	Description	Range	Default
01	Clock Format	12 or 24	24
02	5+2 or 7 Day Programming	01=5+2 Day Program 02=7 Day Program	01=5+2 Day Program
03	Screen Saver	ON = Activated OF = Not Activated	OF=Not Activated

Set up your heating schedule (For 5+2 Day Program)

Turn the timer on by pressing 

To set up the heating schedule for Monday to Friday press 

Press  if the  is not showing.

The time for P1 will flash. This is the first ON period for the day.

Use the   to adjust the time to when the heated towel rail will turn on in the morning.

Press  and the ON / OF will flash.

Using   select ON for P1.

Set up your heating schedule (For 5+2 Day Program)

Press **P** and the ON / OF will flash.

Using **^** **v** select OF for P2.

Repeat above steps for P3 and P4 and then press **✓**

(Note: P3 is turning the heated towel rail on in the evening and P4 is turning it off in the evening)

If the heated towel rail is only required to be on once a day set to OF for both P3 and P4 and ensure that the time set for P3 and P4 is after the time set for P2.

When Monday-Friday has been set, press **P** to go onto the Saturday and Sunday schedule, 6 7 will show.

Please note, the timer cannot run over midnight. The schedule will need to end at 23:59 and if required, a new schedule start at 00:01.

Set up your heating schedule (For 5+2 Day Program)

The time for P1 will flash. This is the first ON period for Saturday and Sunday.

Use the $\wedge \vee$ to adjust the time to when the heated towel rail will turn on in the morning.

Press $\textcircled{P}$ and the ON / OF will flash.

Using the $\wedge \vee$ select ON for P1.

Press $\textcircled{P}$ to set period 2, which is when the rail will turn off. Use the $\wedge \vee$ to adjust the time.

Press $\textcircled{P}$ and the ON / OF will flash.

Using the $\wedge \vee$ select OF for P2.

Repeat above steps for P3 and P4.

Press $\textcircled{\checkmark}$ to save the program.

Set up your heating schedule (For 7 Day Program)

To access the advanced settings, turn the timer off by pressing . Press  to display setting 02 and use the   to select 02 for the 7 Day Program. Press  to save the settings.

The 7 day program option means that all 7 days can be programmed to the same schedule or all 7 days can be programmed individually.

Press  until the day display flashes.

If programming all 7 days individually use the   to select the day to program first.

If programming all 7 days to the same schedule, press and hold the  button for about 5 seconds to select all 7 days (all 7 days will display and flash).

Set up your heating schedule (For 7 Day Program)

To set up the heating schedule press **(P)**

The time for P1 will flash. This is the first ON period for the day.

Use the $\wedge$ $\vee$ to adjust the time the heated towel rail will turn on in the morning.

Press **(P)** and the ON / OF will flash.

Using the $\wedge$ $\vee$ select ON for P1.

Press **(P)** to set period 2, which is when the rail will turn off.
Use the $\wedge$ $\vee$ to adjust the time.

Press **(P)** and the ON / OF will flash.

Using the $\wedge$ $\vee$ select OF for P2.

Set up your heating schedule (For 7 Day Program)

Repeat above steps for P3 and P4 and then press 

(Note: P3 is turning the heated towel rail on in the evening and P4 is turning it off in the evening)

If programming all 7 days to the same schedule, the program is now set up.

If programming all 7 days individually, press  and use the   select the next day to program and repeat above steps.

Please note, the timer cannot run over midnight. The schedule will need to end at 23:59 and if required, a new schedule start at 00:01

Press  to save all programs.

Factory Reset

Press  to turn the timer off

Press and the hold  until **04** is displayed

Press and hold  for approx. 5 seconds

RES will display on the screen and then the timer has been reset.

Turn the timer back on to setup the program

Temporary override

Turning the timer onto temporary override will allow the timer to be operated on manual until the next programmed period.

In schedule mode, press the   and the ON/OFF display will flash.

Use   to adjust the desired setting and press  to confirm.

TEMPORARY will be displayed below the ON/OFF display. To cancel the override setting press .

Holiday Mode

This timer does not have a dedicated holiday mode. To suspend the heating schedule for a period of time turn the timer off using the  button.

This will ensure the heating schedule is held and then to resume the heating schedule press the  button.

Key Lock

To lock the key pad, press and hold the  for 5 seconds or until the  displays. To unlock press and hold the  until the  disappears.

Technical Data

Technical Specification			
Stock code	Size WxHxD (mm)	Colour	Warranty
TRTS	80 x 120 x 45 (27mm in wall)	White	2 Years
TRTSB	80 x 120 x 45 (27mm in wall)	Black	2 Years
TRTSL	120 x 80 x 45 (27mm in wall)	White	2 Years
TRTSLB	120 x 80 x 45 (27mm in wall)	Black	2 Years
Supply voltage		220-240VAC	
Maximum load		16A	
IP Rating		IP20	

Service and Support

Thermogroup



That little bit extra...

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