TIMEGUARD®

Plug In Thermostat with 24 Hour Time Control

Model: TRT05

OFF `11:56`
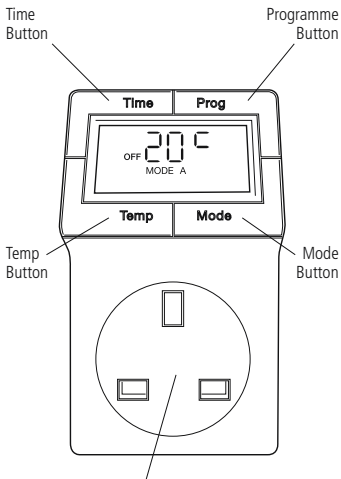
MODE

1. General Information

These instructions should be read carefully
and retained for further reference
and maintenance.

2. Safety

- Do not plug in any appliance that exceeds
  the capacity of the Timer.
- Always ensure the plug of any appliance
  is fully inserted into the timer outlet.
- If cleaning of the timer is required, remove
  from mains power and wipe timer with
  a dry cloth.
- Do not immerse in water or any other liquid.
- For indoor use only.

3. Technical Specifications

- 230V AC 50 Hz
- Switch Rating: 13A Resistive (3kW heating)
- 24 Hour Time Period: 3 Programmes
- Manual Override: Permanent ON or OFF
- Operating Temperature: 0°C to +40°C
- Set Temperature: 0°C to +35°C
- Non replaceable factory fitted rechargeable battery: 4 Weeks
- CE Compliant

Time
Button

Programme
Button

Time	Prog

2 0 °C
OFF
MODE A

Temp	Mode

Temp
Button

Mode
Button
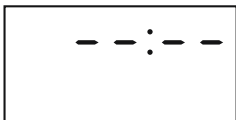
For all 13A appliances
up to 3kW

4. Battery

• Before programming for the first time,
  connect the unit to the mains for at least
  15 minutes prior to pressing the reset button.

  Note: The reset button is located on the back
  of the TRT05, which is only accessible when
  the unit is unplugged. This can be used
  to restore the factory default settings,
  and blank any programming.

2

- If the screen is completely blank the device will need to be fully re-charged. Plug in for 4 hours and press the reset button, located on the back of the device, to bring the screen on.
- The factory fitted non replaceable battery will keep the programmed times during power down situations for up to 4 weeks.
- The internal battery will continue to be charged as long as there is a supply to the unit.
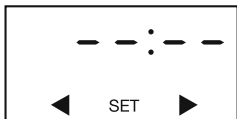- Battery life (approx.) 1000 hours.

5. Programming the Time

- From the first power up and reset, the display will show the following 4 dashes, indicating the device is ready to be programmed;

$$- - : - -$$

- Press and hold the 'TIME' button for approximately 3 seconds. Whilst holding the word 'HOLD' will be displayed;

HOLD

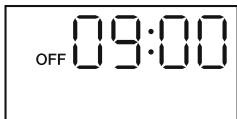- Release the button when 'SET' is displayed. The hour cursor will blink;

- Use the 'TEMP' button to increase the numeric value, or 'MODE' button to decrease the numeric value. The clock is set in 24 hour format.

  Note: When the 'TEMP' or 'MODE' buttons are held down, the adjusted setting will scroll more rapidly. Holding down the 'TIME' button for approximately 3 seconds will exit the programming time mode (this can be done at any time during programming).

4

- Set the hour and press the 'TIME' button to move to the minutes.
- Use the 'TEMP' or 'MODE' button to set the minutes.
- Press the 'TIME' button to save and exit the Time/Date entry and return to the operating mode.
- The display will now show the correct time, and the output status will show OFF. See the below example;

6. Setting the Temperature

- Press and hold the 'TEMP' button for approximately 3 seconds. Whilst holding the word 'HOLD' will be displayed;

```

HOLD

```

- Release the button when 'SET' is displayed. The temperature will blink;

```
20 C
◄    SET    ►
```

Note: The default temperature is 20°C.
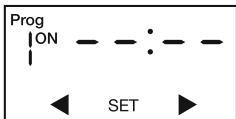The temperature set range is 0°C to 35°C.

- Use the 'TEMP' or 'MODE' button to adjust the set temperature in 1 degree steps.
- Press and hold the 'TEMP' button to save and exit the temperature adjustment. Once the current time is displayed, release the button.
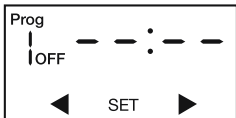
7. Programming 0N/OFF Times

- Press and hold the 'PROG' button for approximately 3 seconds. Whilst holding the word 'HOLD' will be displayed;

```
HOLD
```

- Release the button when 'SET' is displayed. The Display will also show 'Prog 1 ON', and the hour cursor will blink;

```
Prog
 |ON  — — : — —
 |
        ◄  SET  ►
```

- Use the 'TEMP' or 'MODE' button to set the hours.
- Press the 'PROG' button to save and move to the minutes.
- Use the 'TEMP' or 'MODE' button to set the minutes.
- Press the 'PROG' button to save and move the 'Prog 1 OFF' time;

```
Prog
 |
 |OFF  — — : — —
        ◄  SET  ►
```

6

- Use the 'TEMP' or 'MODE' button to set the hours.
- Press the 'PROG' button to save and move to the minutes.
- Use the 'TEMP' or 'MODE' button to set the minutes.
- Press the 'PROG' button to save and move to the 'Prog 2 ON' time. Follow the same procedure if more ON/OFF times are required, there are 3 ON/OFF programmes available.

  Note: If no more ON/OFF times are required, leave the remaining programs set to 4 dashes '--:--', and hold down the 'PROG' button for approximately 3 seconds. This will save and exit the programming time mode (this can be done at any time during programming).

7.1. Programming across midnight

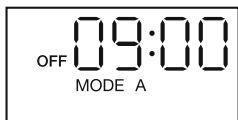For example: an ON time of 22:00PM, and an OFF time of 02:00AM;

- Using program 1, enter your ON time. Using the above example this will be 22:00.
- Leave the OFF time set to 4 dashes '--:--'.
- Using program 2, enter an ON time of 0:00 (i.e. midnight).
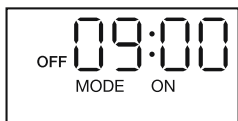- Enter your OFF time. Using the above example this will be 02:00.

8. Operating Mode

The TRT05 has four operating modes. You can press the 'MODE' button to scroll between these modes. Select one of the following modes after you have completed programming.
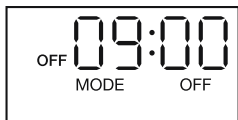
The Modes are;

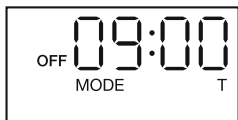MODE A – Auto mode: The output will be controlled by the set temperature only.

```
OFF  09:00
     MODE  A
```

MODE ON – Permanently ON: The output will be ON, irrespective of the set temperature.

```
OFF  09:00
     MODE  ON
```

MODE OFF – Permanently OFF: The output will be OFF, irrespective of the set temperature.

```
OFF  09:00
     MODE  OFF
```

MODE T – Timed mode: The output will be controlled by the set temperature, between the programmed ON and OFF times. There is only one set temperature and this cannot be set differently for individual timed periods.

```
      OFF ┌─┐┌─┐ ·┌─┐┌─┐
          │_│└─┘ ·│ ││ │
          └─┘└─┘ ·└─┘└─┘
          MODE            T
```

8.1 Display Options

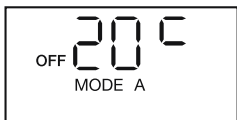You have the option to display the current time or the actual room temperature. By default the device will display the current time once programmed.

• In normal operating mode, if the 'TEMP' button is pressed briefly, the display changes to show the actual room temperature (not the set temperature);

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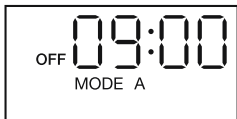
```
        ⸣⸠ ⸞
OFF  ⸏⸑  ⸏
    MODE  A
```

- If the 'TEMP' button is pressed briefly again, then the display reverts to showing the current time;

```
OFF  ⸠⸟⸍⸟⸟
    MODE  A
```

Note: In both auto, and timed mode, the ON/OFF will reflect the output of the TRT05.

If you experience problems, do not immediately return the unit to the store.
Telephone the Timeguard Customer Helpline:

HELPLINE
01582 544 548

or email helpline@timeguard.com

Qualified Customer Support Coordinators will be online to assist in resolving your query.

TIMEGUARD®

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