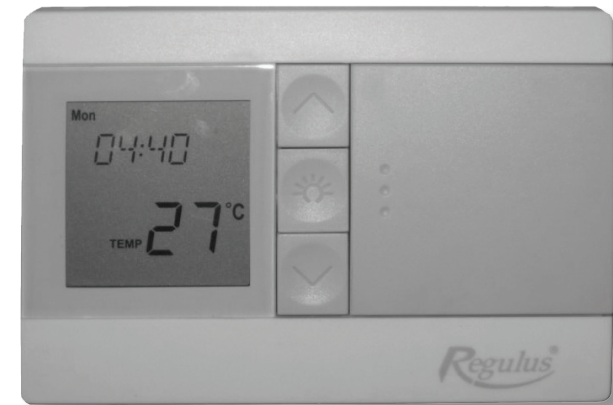


User's manual

## Programmable Room Thermostat TP 07 - 01



11/2015

**Regulus**

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CE

EN  
v1.2

**Regulus**

# Programmable room thermostat - user's manual

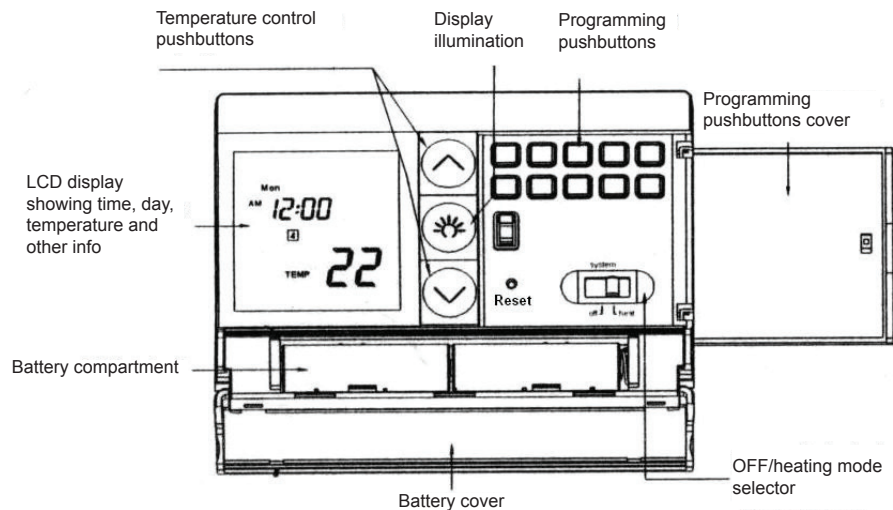
Model: TP07 - 01

Thank you for buying Regulus programmable room thermostat. This product has been manufactured with regard to its quality, reliability and user comfort.

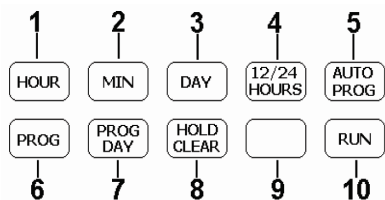
The thermostat switches heating on in advance so that the desired room temperature is reached by the preset time.

Thanks to it, all the functions of a heat source are available also in the room unit.

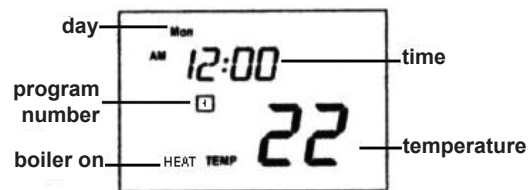
## Control elements:



## Programming pushbuttons:



## Display:



## Read carefully this Manual before installing the thermostat!

### Technical data:

Power supply: AA batteries, 2 pcs  
 Contact: AC24 - AC230V / 5A  
 Range of temperature settings: 7 - 35 °C

Contents: Programmable room thermostat  
 2 AA batteries  
 4 dowels, 4 screws to fix the thermostat

## Battery substitution:

- If a blinking or permanent text BATT appears on the display, substitute the batteries with fresh ones without delay.
- Open the battery compartment and take out the batteries. The thermostat will keep the set values without batteries for at least 20s.
- Insert new batteries.

**Advice:** Before leaving for more than 30 days, use new batteries as a prevention.

## Troubleshooting:

Problem:	Solution:
Display shows nothing or an error message	1) Check batteries or insert new ones if needed 2) Press RESET *)
Programs cannot be modified	Check if the HOLD mode is not active
Heating does not turn on (off)	Check the position of the mode selector
Other problems	Call a service worker.

\*) NOTE: Pressing RESET will reset the thermostat to factory setting and time to zero.

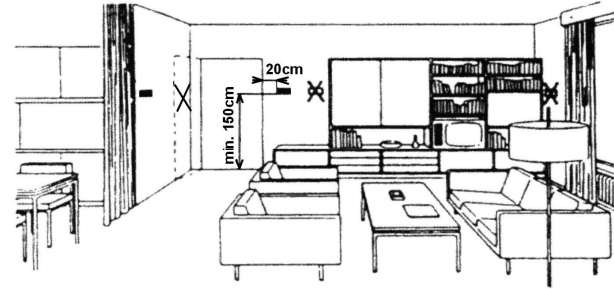
## Guidelines on a proper disposal of this product as required by the European Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE)

European Directive 2002/96/EC requires that the equipment bearing this symbol on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product should be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electric and electronic equipment via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your old equipment, please contact your local authorities, waste disposal service, or the shop where you purchased the product.



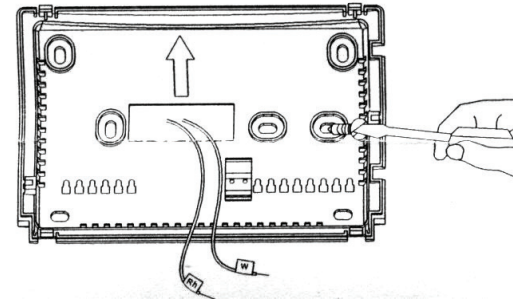
WEEE registration number:  
02771/07-ECZ

## Installation:



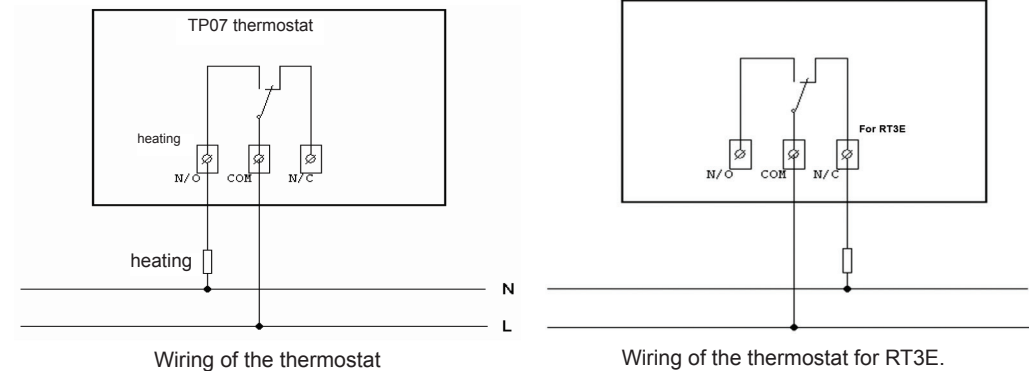
This thermostat is intended for indoor use only. It should be mounted on an inner wall, about 150 cm above the floor, located where room temperature changes can be felt thanks to freely circulating air.

**Do not install above a heat source (a TV set, heater, fridge etc.) or to places where it may be exposed to direct sunshine, draught, radiation from appliances, or to wet environment.**



- Press the latch on the bottom side to release the rear board.
- Position the rear board on the wall so that cables run directly through the rectangular opening and are not stuck under the board. Check that the arrow points upwards (see Pic.). Mark the position of the 4 fixing holes.
- Insert dowels into the drilled holes, run the cables through the rectangular opening and fix the rear board to the wall with 4 screws.

- Wire the cables to the terminal block on the rear board. **This may be done by qualified staff only.**
- Make sure the mode selector is in **OFF** position and batteries are removed from their compartment.
- Set the thermostat onto the two top latches on the rear board and slightly press the bottom latch to lock.



## Thermostat commissioning and programming:

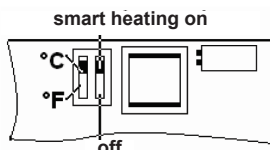
- Open the bottom compartment door and insert batteries. Mind the right polarity.
- Press open the door on the right side.
- Slide the mode selector to the „heat“ position.
- **Setting the time:** Select either 12- or 24-hour display mode by pressing **12/24 HOURS** pushbutton (4).
- Set the hour by pressing the **HOUR** button (1) and minute by **MIN** button (2). To save the setting, either wait for 10 sec or press **RUN** (10).
- **Setting the day:** Select the desired day by pressing **DAY** (3).

The following thermostat parameters can be set only when the mode selector is in the “heat” mode.

- **Setting a program:** The thermostat has a factory-preset program (see chart 1), identical for every weekday. This preset program can be restored by pressing **AUTO PROG** (5).

Preset program:

program No.	1	2	3	4
time	6:00	8:00	16:00	22:00
temperature (°C)	20	16	20	16



## Heating advance function:

This function permits the thermostat to switch heating before the preset program starts. This way the desired temperature is reached by the time of start of the next program. Heating advance is shown by RECO letters alternating with time display.

### Example:

According to the preset program, the current program is No. 2, keeping temperature at 16°C. It is 15:30 at the moment and the thermostat is switching on the heating in order to reach room temperature of 20°C by 16:00.

This function can be switched off with the sliding switch on the thermostat board (see fig.). This may be done only with the thermostat switched off and batteries removed (blank display). Only then you may slide the switch and insert batteries. **Warning:** All thermostat settings will be lost after this operation!

## Change of the units displayed:

The thermostat can display temperature degrees either in Celsius or in Fahrenheit. The change shall be made with a switch on the thermostat board, after the thermostat is switched off and batteries removed. Only when there is nothing displayed you may change the units and then insert batteries. **Warning:** all thermostat settings will be lost after this operation!

## Setting the program:

The preset program can be changed as follows:

- Select the desired day or a block of days (Mo-Fr or Sa-Su) by pressing **PROG DAY** button (7).
- Then press **PROG** (6), program number 1 is displayed.
- Set the desired time span by pressing **HOUR** (1) and **MIN** (2) buttons, and the desired temperature by the respective buttons with arrows.
- Then press **PROG** (6), program number 2 is displayed and at the same time program No. 1 is saved. If desired, continue programming time sections **2-4** in the same manner. When finished, either wait for 10s or press **RUN** (10), the thermostat will save the settings and return to normal operation.

## Setting the temperature difference:

- The thermostat is factory set to 0.5 °C temperature difference, i.e. it switches on/off 0.5 °C below/above the set temperature.
- This value can be changed by pressing both **UP** and **DOWN** arrows for at least 3s. **SPAN** is displayed.

SPAN:	1	2	3
difference (°C):	0,5	1	1,5

- This setting can be increased to 1.5 °C max. by pressing the **UP** arrow, decreased by pressing the **DOWN** arrow.
- Wait for 10 s or press **RUN** (10) to exit setting.

## Program viewing:

- The programs set can be viewed. Select the desired day by pressing **PROG DAY** (7).

- The time sections **1-4** are displayed by pressing the **PROG** (6) button. The time of change and the set temperature are displayed for each program. Wait for 10 s or press **RUN** (10) to exit viewing.

## Temporary program override:

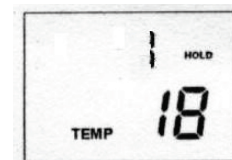
- Change the desired temperature by pressing **UP** or **DOWN** arrow. The override temperature is highlighted by a flashing program number.
- This temporary override can be cancelled by pressing **HOLD CLEAR** (8) button. If not cancelled, this temperature override is valid until the next time section (program) starts.

## Permanent program override:

- Press **HOLD CLEAR** (8), **HOLD** appears on the display.
- Set the desired temperature by pressing **UP** or **DOWN** arrows. This temperature will be maintained until cancelled.
- The desired temperature can be changed any time by pressing **UP** or **DOWN** arrows.
- The permanent program override can be cancelled by pressing **HOLD CLEAR** (8) repeatedly until the **HOLD** sign disappears from the display. The thermostat will return to running as programmed.

## Program override for several days:

- Press **HOLD CLEAR** (8), **HOLD** appears on the display.
- Set the desired temperature by pressing **UP** or **DOWN** arrows.
- Press **HOLD CLEAR** (8) repeatedly until the current temperature and number of days for override are shown (1 day, see pic.).
- Set the desired number of days (between 1 and 255) by pressing **DAY** (3) to increase and **HOUR** (1) to decrease the number. The set temperature will be kept for the set number of days.
- The number of the remaining days is shown on the display; by pressing **DAY** (3) or **HOUR** (1) it can be changed.
- The desired temperature can be changed by pressing **UP** or **DOWN** arrows.
- When the set number of days elapse, the thermostat will return to its programmed schedule.
- The override can be cancelled any time by pressing **HOLD CLEAR** (8) repeatedly until the **HOLD** sign disappears from the display. The thermostat will return to running as programmed.



## Warnings and error messages:

display	meaning	solution
Blinking BATT	weak batteries	insert fresh batteries
Error message E1 (see pic.)	defect sensor	
Error message E2 (see pic.)	defect thermostat	

Error message:

