

# Smart Thermostat



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## Look out

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Located on the device's face is the energy saving e-ink display, and 3 control buttons:

- button: a short press decreases the setpoint temperature by 0.1 degrees, a long press by 1 degree

+ button: a short press increases the setpoint temperature by 0.1 degrees, along press by 1 degree

o button: a short press locks/unlocks the weekly table, a long press activates pairing of the device

Located on the device's back is: the removable battery cover and wall bracket.

## Safety instructions

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### Cleaning

- Use only a dry, soft cloth for cleaning.
- The use of water or organic solvents is prohibited.

### Battery change

- It is forbidden to recharge an exhausted battery!
- Replace the battery with an identical, fully charged model.
- The battery replacement process is described in the section “Installing the battery”.

### Battery disposal

- Radio-controlled system components are powered by LR6 (AA) type batteries.
- When replacing batteries, be sure to dispose of used components properly.
- In accordance with the law in force in a given territory, batteries

## Smart Thermostat installation

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To install the Smart Thermostat first ensure that your Smart Hub is correctly installed and registered. (See: Smart Hub instructions for installation & registration process.)

### Tools required:

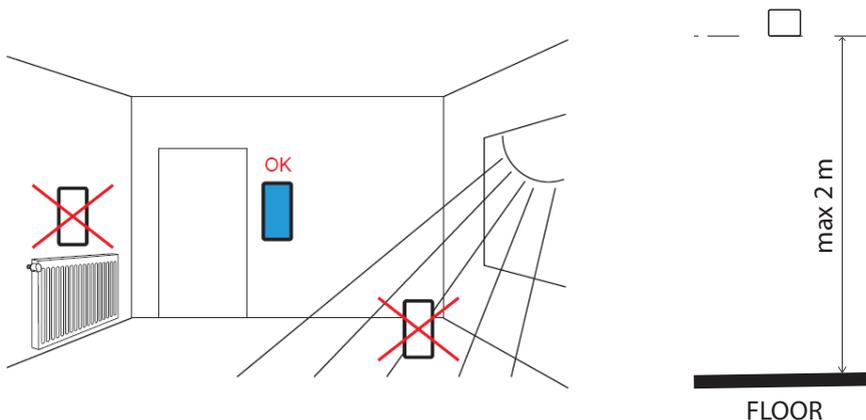
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- A smartphone with the WundaSmart App
- Philips screwdriver
- 2 x M2 screws or adhesive tape

### Smart Thermostat location

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For the best connection between the Smart Thermostat and the Smart Hub, devices should be situated away from any metal obstacles, transformers, engines, fluorescent lamps, microwave devices, refrigerators and other industrial equipment. To ensure the best measurement results, the Smart Thermostat should be installed away from direct sunlight, draughts and heat-emitting devices (heaters, radiators, light bulbs).



#### **WARNING!**

Don't mount device above 2 m over the floor level.

## Battery replacement

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Use 2 x1.5V - alkaline battery LR6 (AA)

Remove the battery cover and insert two AA batteries. Make sure the batteries are correctly oriented.



### **WARNING!**

Risk of explosion if the battery is replaced by incorrect by an incorrect type.

## Fixing to the wall

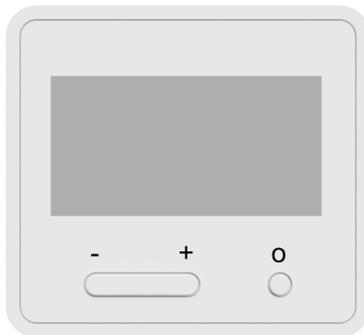
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1. Disconnect the bracket from the device
2. Using two screws, fix the bracket to the wall
3. Reconnect the Smart Thermostat to the mounted wall bracket.

## Device pairing

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1. Open the WundaSmart application and log in to your device, select a Room which you wish to install the Smart Thermostat in and then enter the Settings tab.
2. At the bottom of the settings menu is “Radio Devices”, select Add a new device and then Add Smart Thermostat.
3. You have 30 seconds to pair the Smart Thermostat. Press the O button until paired appears on the display. The sensor has started to operate.

## Technical Specification

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|                                     |  |
|-------------------------------------|--|
| Nominal supply voltage              | 2x1.5V - alkaline battery LR6 (AA)                     |
| Radio communications                | 869.85 MHz, two-way                                    |
| Radio coverage                      | up to 500 m in an open area                            |
| Maximum transmit power              | < 5 dBm  |
| Antenna:                            | yes (built in)   |
| Operating temperature range:        | 5°C to 45°C (excluding condensation)                   |
| Temperature measurement resolution: | 0.1°C  |
| Temperature measurement accuracy:   | ±0.3 °C  |
| Humidity measurement range:         | 0% to 100%   |
| Humidity measurement accuracy:      | ±3% for 20–80% humidity,<br>±5% in the remaining range |
| Humidity measurement resolution:    | ±1%  |
| Degree of protection                | IP 20  |
| Dimensions                          | 88x80x25   |
| Weight                              | 140g   |

