

# wunda

## Smart Thermostat

### Installation Guide



### Smart Thermostat installation

To install the Smart Thermostat first ensure that your **Smart Hub** is correctly installed and registered. (See: *Smart Hub Installation Guide*)

#### The packaging contains:

- Smart Thermostat
- 2 x AAA 1.5V batteries

#### Tools required:

- A smartphone with the **WundaSmart App** or a PC/Mac with Internet access
- Phillips screwdriver
- 2 x M2 screws or adhesive tape

#### Manufacturer

**Wunda Group PLC**  
Unit 10  
Kingsway Buildings, Kingsway  
Bridgend Industrial Estate,  
Bridgend,  
Glamorgan,  
CF31 3YH

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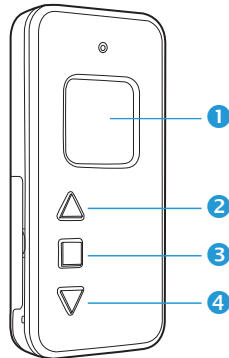
### The device appearance

Located on the device's face is the energy saving **1 e-ink display**, and 3 control buttons:

**2** 1<sup>st</sup> button: a short press increases the setpoint temperature by 0.1 degrees, a long press by 1 degree

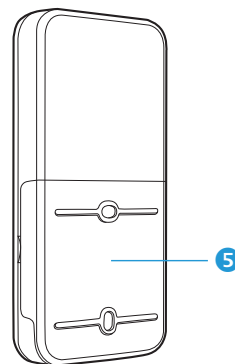
**3** 2<sup>nd</sup> button: a short press locks/unlocks the weekly table, a long press activates pairing of the device

**4** 3<sup>rd</sup> button: a short press decreases the setpoint temperature by 0.1 degrees, a long press by 1 degree



Located on the device's back is:

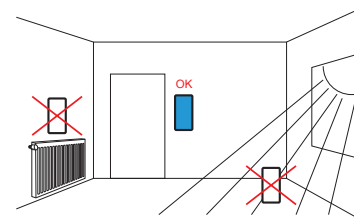
**5** the removable battery cover and wall bracket.



### Smart Thermostat location

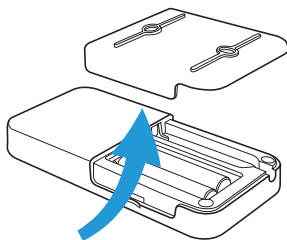
⚠ For the best connection between the **Smart Thermostat** and the **Smart Hub**, devices should be situated away from any metal obstacles, transformers, engines, fluorescent lamps, microwave devices, refrigerators and other industrial equipment.

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).

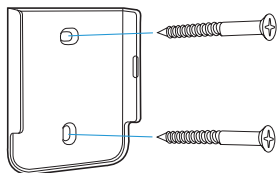


## Fixing to the wall

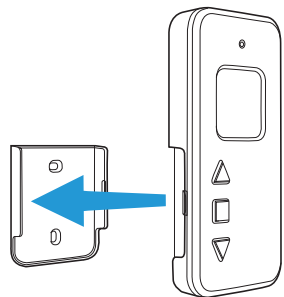
- disconnect the bracket 5 from the device



- using two screws, fix the bracket 5 to the wall



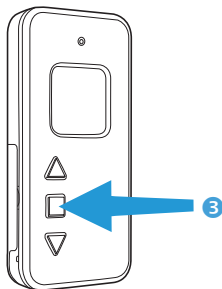
- Reconnect the Smart Thermostat to the mounted wall bracket 5



⚠ For the best performance the **Smart Thermostat** should be fixed to the wall.

## Device pairing

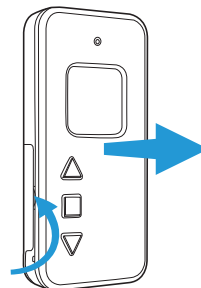
- Open the **WundaSmart application** and log in to your device, select a **Room** which you wish to install the Smart Thermostat in and then enter the **Settings tab**.
- At the bottom of the settings menu is **"Radio Devices"**, select **Add a new device** and then **Add Smart Thermostat**.
- You have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



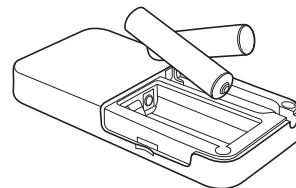
## Battery replacement

Battery charge status is indicated in the application or on the Smart Thermostat display.

- Remove the battery cover 5 (wall bracket) and remove the empty batteries.



- Insert new batteries as indicated on the housing.



- Reconnect the Smart Thermostat to the mounted wall bracket 5.

## Technical data

Nominal supply voltage:	2×1.5V - alkaline battery AAA type
Radio communications:	869.85MHz, two-way
Radio coverage:	up to 500m in an open area
Maximum transmit power:	<5dBm e.r.p.
Aerial:	Yes (internal)
Operating temperature range:	5–40°C (excluding condensation)
Measurement resolution:	0.1°C
Temperature measurement accuracy:	±0.3°C
Humidity measurement range:	0% ... 100%
Humidity measurement accuracy:	±3% for 20–80% humidity, ±5% in the remaining range
Degree of protection	IP20
Dimensions:	112×54×16mm

