Smart Radiator Head installation

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

The Smart Radiator Head has a mounting ring designed for M30 x 1.5 threaded TRVs. For radiators with any other valve type, an adapter should be used.

The packaging contains:

- Smart Radiator Head
- 2 x AA 1.5V batteries

Tools required:

- A smartphone with the WundaSmart App or a PC/Mac with Internet access

Device appearance

- View one: 1 control LED
- View two: 2 mounting ring
- View three: 3 battery compartment

Smart Radiator Head fixing

- Remove the battery cover 3 from the Smart Radiator Head. Insert the two AA batteries as indicated;
- Detach the used radiator head from the radiator and place adapter if required;

To ensure the best connection between the Smart Radiator Head and the Smart Hub, the device should be situated far from transformers, engines, fluorescent lamps, microwave devices, refrigerators and other industrial equipment.

Manufacturer

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

If for any reason you need to return your Wunda Smart products, simply return the product in its original box to us at the above address. Any return is subject to our refund policy so please don’t forget to check the terms and conditions.

By using Wunda Smart and other Wunda Smart products you agree to our terms and conditions, which can be found on our website www.wundasmart.com
After 60 seconds the pin will return to the starting position. When installed, the Smart Radiator Head will carry out automatic calibration.

Smart Radiator Head connection

Open the WundaSmart application and log in to your Smart Hub, select the Room in which you wish to install the Smart Radiator Head in and then enter the Setting tab.

At the bottom of the settings menu is "Radio Devices", select "Add a new device" and then select "Add Head".

You have 30 seconds to pair the head. Again touch the battery cover to the top of the Smart Radiator Head and wait until the LED starts emitting continuous green light. (about 8 seconds)

The installed Smart Radiator Head will appear on the device list in the Room.

Smart Radiator Head fixing

Touch the battery cover to the head front for 5 seconds until the LED emits continuous white light;

You now have 60 seconds to install the Smart Radiator Head on to the valve with the pin retracted.

After 60 seconds the pin will return to the starting position. When installed, the Smart Radiator Head will carry out automatic calibration.

Remove the battery cover from the top of the Smart Radiator Head. The pin inside the head will retract as far as possible.

You now have 60 seconds to install the Smart Radiator Head on to the valve with the pin retracted.

Touch the battery cover to the head front for 5 seconds until the LED emits continuous white light;

Remove the battery cover from the top of the Smart Radiator Head.

The pin inside the head will retract as far as possible.

Technical data

- Nominal supply voltage: 2×1.5V - alkaline battery AA type
- Radio communication: 869.85MHz (two-way)
- Maximum transmit power: <5dBm e.r.p.
- Radio coverage: up to 500m in an open area
- Aerial: yes (built-in)
- Software category: A
- Controller type: PID
- Operating temperature range: 5–50°C (excluding condensation)
- Temperature measurement resolution: 0.1°C
- Temperature measurement accuracy: ±1°C
- Measuring frequency: every 2 minutes
- Degree of protection: IP30
- Valve connection: M30×1.5
- Valve stem movement: max 5 mm
- Dimensions: 75 x 50 x 50 mm