tado°
Smart Thermostat

GERMAN DESIGN AWARD WINNER 2017

Time for Smart Heating

Replace your old radiator heads with the internet-connected tado° Smart Radiator Thermostats and experience a new level of comfort and control while saving energy, money and time. Using your phone's location, tado° automatically turns down the heat when you leave and warms up before you arrive.

Geolocation

tado° uses the residents' locations to adapt the heating: heats up when someone heads home and turns down when the last person leaves so that no energy is wasted.

Save money

tado° saves energy and heating costs and pays for itself within a short period of time.

Weather forecasts integration

tado° uses local weather forecasts in real time to control your heating most efficiently, e.g. heat less on a sunny day.

More Control

tado° always lets you know the current room temperatures and lets you change the settings from anywhere, at anytime.

Insightful reports

Instant access to your temperature and heating activity report for each room.

Building characteristics integration

Your home is unique. tado° quickly works out how fast it heats up and cools down to make sure your heating always starts at the right time.

tado°

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Additional features

Control from anywhere: have full access from your phone, tablet or computer

Easy use: Changing the temperature by turning the knob

Model predictive control: proprietary algorithms to optimise energy usage

Schedules: full manual control available including detailed day / night schedules

Auto updates: always have the latest software and get new features for free

Retrofitting: can be fitted to old or new radiators

Child lock: easy locking of the Smart Radiator Thermostat

Multi-Zone: control multiple heating zones and rooms separately

Synchronised: All Smart Radiator Thermostats in one room are synchronised

Specifications

Power supply: 3V DC (2x AA batteries, 1,200 mA/h, average life ~ 2 years)

Interface: LED display, mechanical control knob

Sensors: temperature / humidity / ambient light

Dimensions: Smart Radiator Thermostat 78 x 52 mm (L x D) / Internet Bridge 81 x 27 x 22 mm (L x W x H)

Weight: Smart Radiator Thermostat 178g / Internet Bridge 61g / Full packaging (single thermostat) 278g / Full packaging (Starter Kit) 880g

Environmental certifications: German engineered, production certified: ISO 14001 / ISO 9001 / BS OHSAS 18001 / EU RoHS compliant Recyclable packaging

Warranty: 2 year limited warranty

Internet connection: tado° Internet Bridge connected to an ethernet port of the home's internet router

Radio communication (between devices): 868 MHz, Mesh (6LoWPAN)

Data encryption: TLS 1.2 (SSL), 2048-bit Extended Validation Certificate / TLS 1.2 (SSL), 256-bit elliptic curve encryption / AES-CCM encryption

Product material and finish: PC+ABS plastics/ white, matte

Multi-language support: English, German, French, Italian, Spanish, Dutch

Compatibility

The Smart Radiator Thermostat works with the majority of radiator valves.

• Connection: M30x1.5 mm

• 3 adapters for different valve types are included

Versions:

horizontal

vertical

App

• For iOS 9, Android 4.0.3, Windows Phone 10

• Free download and app updates

Integration

Smart Radiator Thermostat – Starter Kit

Inside the box:

• tado° Smart Radiator Thermostat x 2
• 2 AA batteries x 2

• 3 adapters x 2
• tado° Internet Bridge
• Power adapter

• USB-cable
• Ethernet cable

EAN:

DE horizontal
4260328610732

CH horizontal
4260328610749

UK horizontal
4260328610718

UK vertical
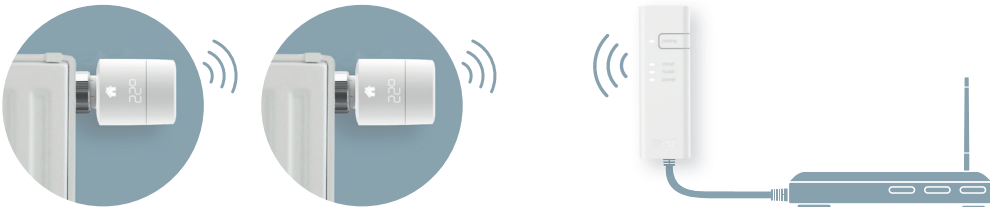4260328610725

Smart Radiator Thermostat

Inside the box:

• tado° Smart Radiator Thermostat

• 2 AA batteries
• 3 adapters

EAN:

All Countries horizontal
4260328610589

All Countries vertical
4260328610596

Setup

The Smart Radiator Thermostats communicate wirelessly among one another and with the tado° Internet Bridge, which plugs into the router to connect to the internet. Up to 25 devices can be added using one tado° Internet Bridge.

In Combination

The Smart Radiator Thermostats perfectly complement the tado° Smart Thermostat, which controls the boiler. As all the tado° devices communicate with one another, the boiler activity is aligned with the temperature control in single rooms, which saves energy and provides even more comfort.