

Instat 868-r1 Wireless Room Thermostat For Underfloor Heating Systems



The Instat 868-r1 wireless room thermostat can be used to control temperature in individual rooms and zones.

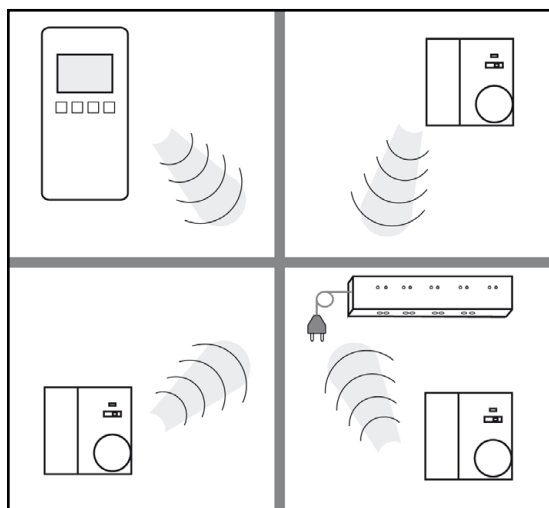
- **Wireless connectivity avoids the need to re-decorate and provides flexibility on mounting position**
- **With setback function (-4K or -2K)**
- **Selector switch for permanent comfort, permanent setback, automatic function or off**
- **LED indicating learning mode and low battery strength**
- **Tamperproof with temperature limiting and temperature locking facility**

Instat 868-r1 Wireless Room Thermostat

Features

- No wiring required
- Very simple operation with setting knob
- Timed temperature setback via INSTAT 868-r programmable thermostat or Instat 868-a8U connection strip
- Mode selector switch for
 - Permanent comfort temperature
 - Permanent setback temperature
 - Permanent Off
 - Automatic mode (time control by means of INSTAT 868-r master controller or Instat 868-a8U connection strip)
- Can control any number of receivers
- Self-learning address setting
- Transmitter suitable for all INSTAT 868-a receivers
- Power supply via 2 AAA batteries
- Setback temperature selectable (-2K or -4K)

Application example



Clock thermostat with analogue controller and 4 channel or 6 channel receiver. Master - Slave function.

Technical Data

Description	INSTAT 868-r1
Part Number	0536 10 291 933
Temperature setting range	5 to 30 °C
Operating voltage	Battery: 2 AAA (LR03), 2 x 1,5 V = 3 V
Battery lifetime	Approx. 3 years
Measurement interval	Approx. 10 min.
Indicator lamp	Red
Valve protection	Every 24 h (can be switched off)
Temperature sensor	Internal
Signal frequency	868,95 MHz
Antenna	Internal
Transmission interval	<10 min.
Typical range	1 ceiling and 2 walls
Degree of protection provided by the housing	IP 30
Class of protection	III
Operating temperature	-25 to 40 °C
Storage temperature	-25 to 70 °C
Range limiting	Under setting knob
Software class	A
Weight (without battery)	Approx. 100 g

Have you considered the benefits of wireless?

- No damage to wall coverings
- No unsightly surface wiring
- Positioning no longer restricted to areas accessible by cable runs
- No brick or plasterwork to chase out
- No damage to fabrics and furnishings

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Controls

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