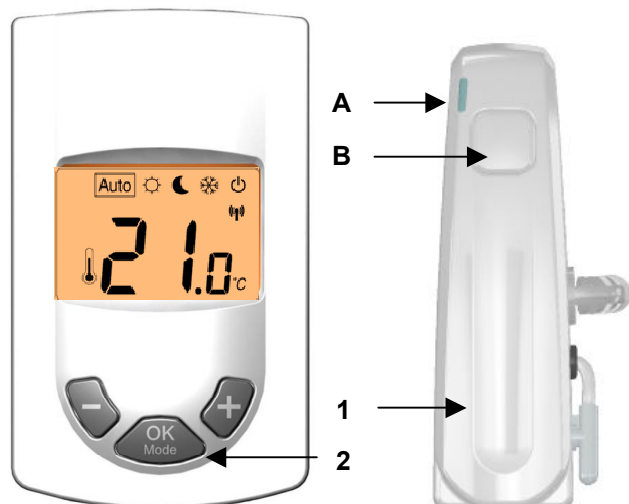


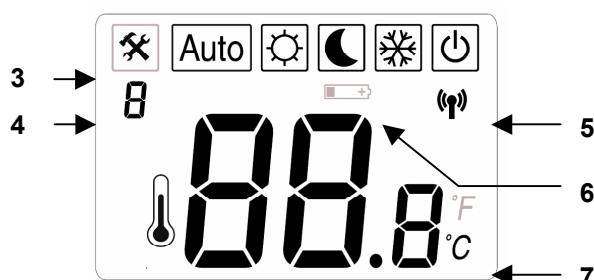
Installation and use

Radio Frequency Thermostat 868 MHz



Presentation

This radio frequency room thermostat (868 MHz) is designed to bring you comfort and energy savings. It allows you to operate your heater by remote control. Using radio frequency, it can control multiple devices over a maximum distance. It allows you to regulate room temperature to a desired temperature (temperature setting).



A. Heater activity LED
B. Heater On/Standby button

1. Receiver
2. Transmitter

3. Operating mode
4. Installer Menu tab

5. Radio Frequency transmission indicator
6. Low battery indicator
7. Room temperature

Getting started with the installation

IMPORTANT: The receiver "1" must never rest on the floor. Always use wedges during installation.

1. Receiver

Connect your appliance to the electrical installation. Press the "B" button on the receiver at the bottom of the appliance to start the heater. LED "A" will light up.

Operating mode	LED status - heater paused	LED status - heater heating
Standby	Off	-
Comfort	Solid green	Solid red
Reduced	Flashing green	Flashing red-green
Frost protection	Slow flashing green	Slow flashing red-green
Sensor default or measured T°C > 35°C	Flashing red	-

The RF receiver has an autonomous control system that memorises status (on/off) information and temperature settings. Storing the last setting makes it possible to regulate even when the transmitter is off or if the batteries are dead.

IMPORTANT: your heater will not receive orders from the RF thermostat when the receiver is in "Standby" mode (turned off).

2. Transmitter:

Remove the battery protection strips. When powered on for the first time, or after a long battery change (>2 minutes), the appliance starts in Auto mode.

To establish communication between the transmitter and receiver (pairing):

1- Press the + and - keys simultaneously for 5 seconds (from Auto mode) to access the installer mode ✕

2- Press the **OK** key on the transmitter twice so that a blinking "rF" appears:

3 - Press "B" button on the receiver so that the "A" LED flashes rapidly. Communication between the transmitter and the receiver of the desired heater is established.

Once all receivers have been paired, pressing the OK key takes you to AUTO mode, with the display of the room temperature.

The transmitter can be paired with as many heaters as desired. These will then receive the same order.

The receiver must be installed away from splashing water, direct sunlight and any disturbance from direct heat such as lamps, television sets, heating pipes, air flows, etc.

Description of thermostat modes

Use the **OK** key to switch from one mode to another (press repeatedly).

AUTO temperature operating mode

The transmitter instructs the receiver to follow the orders received from a wired programmer connected to the pilot wire from the receiver or from a wireless programmer. The receivers then use the temperatures set for each mode for their own regulation.

With the Pilot Wire, only the comfort temperature is used.

COMFORT temperature operating mode

This is the desired temperature while the room is being used. It takes several hours for the temperature in the room to stabilise. Press the + or - buttons to define the comfort temperature, but it must be higher than the reduced temperature.

The measured room temperature reappears after a few seconds.

Note: After the comfort temperature is changed, the heater will take a few minutes to respond.

REDUCED temperature operating mode

This is the desired temperature while the room is not being used. Press the + or - buttons to define the reduced temperature.

The measured room temperature reappears after a few seconds.


FROST PROTECTION operating mode

This mode prevents the installation from freezing. It maintains a minimum temperature during a prolonged absence. Press the +/- buttons to define the Frost Protection temperature.

The measured room temperature  reappears after a few seconds.

STANDBY operating mode

The "Standby" mode turns off your system. So the receiver will no longer respond to the transmitter, the programming unit or pilot wire. This mode switches off all of the receiver's LEDs and prevents load control. The only way to get the receivers out of this mode is to switch the transmitter to another mode.

The measured room temperature  appears.

Note: regardless of the mode, the transmitter displays the room temperature by default (active symbol). To view the current temperature setting, press the "+" or "-" key.

Disabling the LED



The receiver LED can be disabled by pressing the "B" button and holding it down for 10 seconds if, for example, it is unpleasant in a bedroom. Press the "B" button twice to enable it.


Calibration (optional)

A calibration function is available to ensure that in optimal thermal conditions the orders actually match the room temperature measured in the room.

However, depending on the particular conditions of each system and each room: location, power/volume, insulation, etc., there may be a discrepancy between the temperature indicated and the temperature measured.

When powering on for the first time, set the temperature setting to


"Comfort" mode , then allow your installation to be regulated for a minimum of 4 hours. Next, measure the achieved room temperature and record this difference in the "Installer" mode 


Press and hold down (5 sec.) + and - simultaneously (from AUTO mode 

- 1- Position on segment "1", whose default value is 0.0 °C.
- 2- Note the temperature difference.
- 3- Confirm by pressing **OK**.

Return to the various operating modes by pressing the OK key twice.

Safety temperature (optional)

To limit a room's temperature, do the following in "Installer" mode 

- 1- Press and hold down (5 sec.) + and - simultaneously (from AUTO mode 
- 2- Position on segment "2", whose default value is 35 °C.
- 3- Change the value by pressing the + or - keys.
- 4- Confirm by pressing OK.

Maintenance

Before performing any maintenance, be sure to turn the device off. To ensure your device has a long life through simple maintenance, we recommend following the following tips:

- For maintenance on the outer walls of the heater, do not use an abrasive or corrosive product. Instead, use lukewarm soapy water.
- For the control unit housing, use a dry cloth (without solvent).

Replacing the transmitter batteries

When the low battery indicator is on, the batteries must be changed soon. Press the clip on the bottom and pull the front panel. Replace batteries with 2 AAA/LR03 1.5V alkaline batteries.

NOTE 1: You have up to 2 minutes to change batteries. After this period, if all segments light up when powering on again, you will have to reprogram your thermostat (calibration, safety temperature).

NOTE 2: In the event of a power cut, it is not necessary to repeat the steps of pairing the appliances. Likewise, the receivers will keep the last operating modes received when the device is powered on again. The order change will take effect at next transmission.

Specifications

Accuracy of temperature measuring 0.1°C.

Accuracy of temperature setting 0.5°C.

Temperature range:

- In Comfort and Reduced: 5°C – 35°C
- In Frost Protection: 0.5°C – 10°C

Electrical Protection:

- Receiver: Class II - IP44
- Transmitter: Class III - IP31

Batteries (transmitter) 2x AAA/LR03 1.5V alkaline batteries

Operating temperature (thermostat): -10°C to 50°C

Storage temperature (thermostat): -20°C to 50°C

Humidity: 90% max. at 25°C

Transmission frequency of the radio signal: 868 MHz

Transmission distance, thermostat to receiver: 30m