

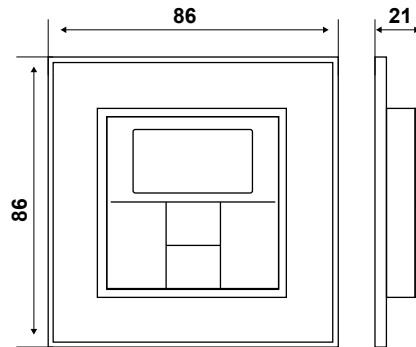
# C801

## Wireless programmable thermostat

Weekly programmable room thermostat suitable to control up to 8 wireless radiator thermostats model O81RF. The warm water flow into the radiators is managed through O81RF according to the room temperature and the preset values in order to allow a good comfort and cost saving on heating.



Dimensions (mm)



Temperature regulation range

Radio frequency and range

Power supply

Working temperature

Protection degree

C801	5 ÷ 30°C	868,3 MHz – 100 mt free field	2 batteries AAA 1,5 V	0 ÷ 50°C	IP20
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## ELECTRICAL FEATURES

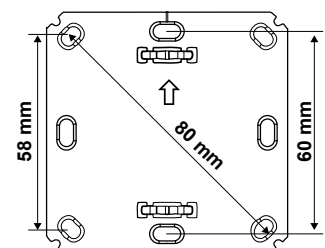
Supply voltage: 3V (2 batteries 1,5V AAA).

## HOMOLOGATIONS AND STANDARDS

Complies with EN 60730-1 standards  
Complies with 1999/5/CE R&TTE directive

## INSTALLATION

Wall mounting or built in box



# OPERATION

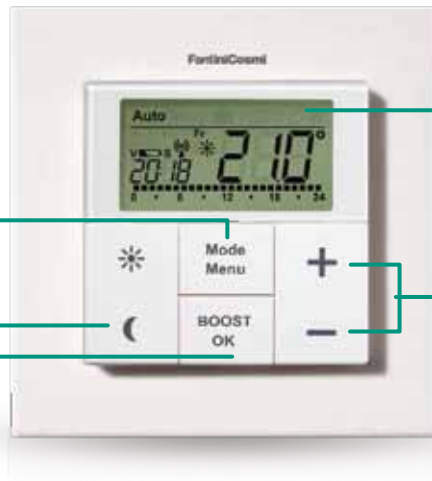
C801 is equipped with:

- Internal sensor that periodically transmits the ambient temperature readings to the O81RF wireless thermostats
- Weekly schedule
- Holiday, Party functions.
- Lock function

Automatic or manual mode selection and set up function

Comfort or Economy mode selection

Boost function to open completely the radiator valves for a preset time lapse



LCD display with ambient temperature display

Temperature setting

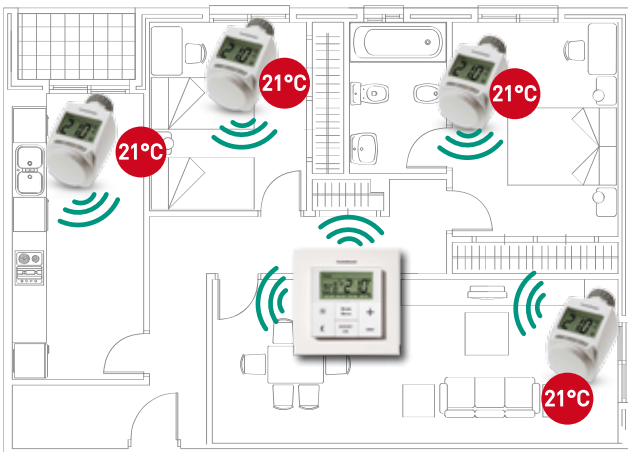
Thanks to the wireless technology C801 controls up to 8 radiators equipped with O81RF thermostats. C801 constantly sends inputs to the radiator thermostats based on the set values and the temperature readings in order to open or close the radiator valve.

The use of C801 is particularly recommended in an ambient where several radiators are installed or wherever the radiators can be covered by curtains or any other object that do not allow a correct temperature reading. The temperature control is made by the room thermostat while the radiator thermostat simply executes the radiator valve control.

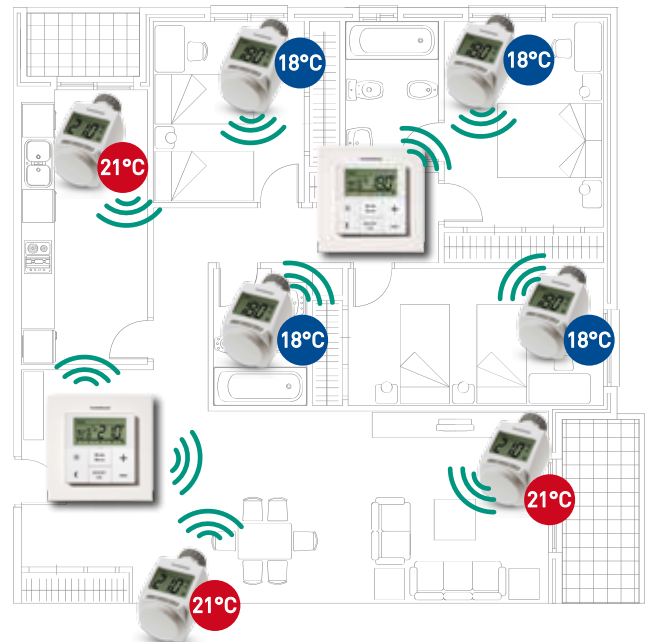
In case of manual setting of the temperature on O81RF, the setting change is automatically received by the room thermostat which adapts to the new setting by sending the same reading to the other radiator thermostats in the room.

In case of interruption of the RF communication between the room thermostat and the radiator thermostat (due to exhausted batteries f.e.) the temperature regulation will be made based on the last valid set point.

## EXAMPLE OF 1 ZONE REGULATION



## EXAMPLE OF 2 ZONES REGULATIONS



# CHARACTERISTICS

- Radio frequency: 868,3 MHz
- Range: 100 mt free field
- Battery life: approx 2 years
- LCD dimensions: 33 x 20 mm.
- Dimensions 86 x 86 x 21,5 mm.
- Weight 79 g.