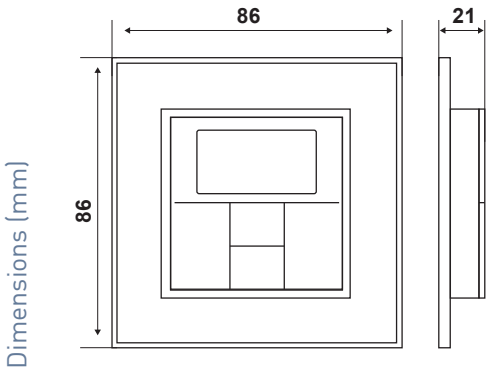
C801
Wireless programmable thermostat

Weekly programmable room thermostat suitable to control up to 8 wireless radiator thermostats model 081RF. The warm water flow into the radiators is managed through 081RF according to the room temperature and the preset values in order to allow a good comfort and cost saving on heating.



	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

EC

ELECTRICAL FEATURES

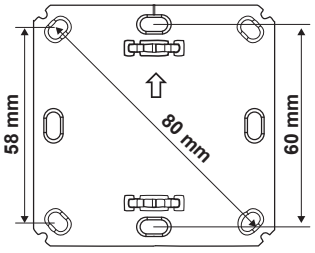
Supply voltage: 3V (2 batteries 1,5V AAA).

HOMOLOGATIONS AND STANDARDS

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

INSTALLATION

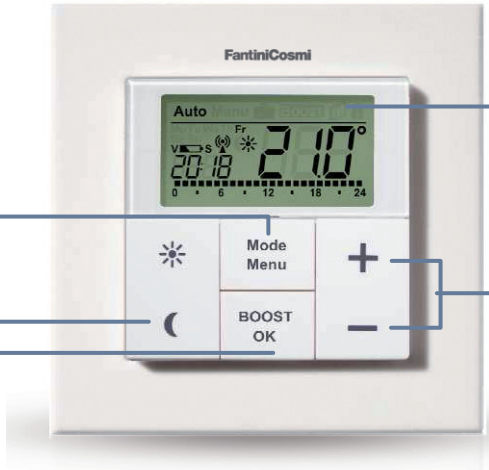
Wall mounting or built in box



OPERATION

C801 is equipped with:

- Internal sensor that periodically transmits the ambient temperature readings to the 081RF wireless thermostats
- Weekly schedule
- Holiday, Party functions.
- Lock function



LCD display with ambient temperature display

Automatic or manual mode selection and set up function

Temperature setting

Comfort or Economy mode selection

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

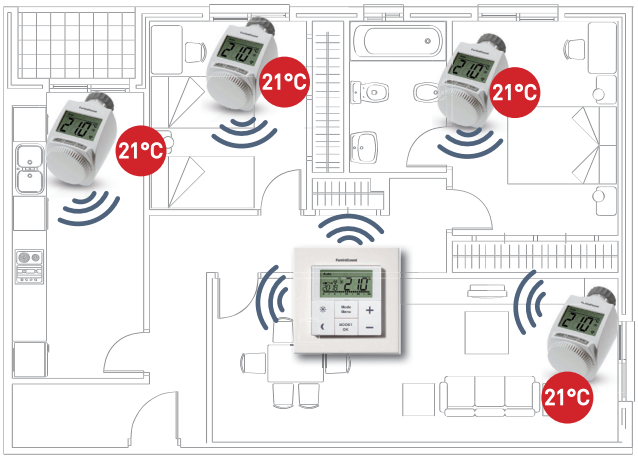
Thanks to the wireless technology C801 controls up to 8 radiators equipped with 081RF thermostats. C801 constantly sends inputs to the radiator thermostats based on the set values and the temperature readings in order to open or close the radiator valve.

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.

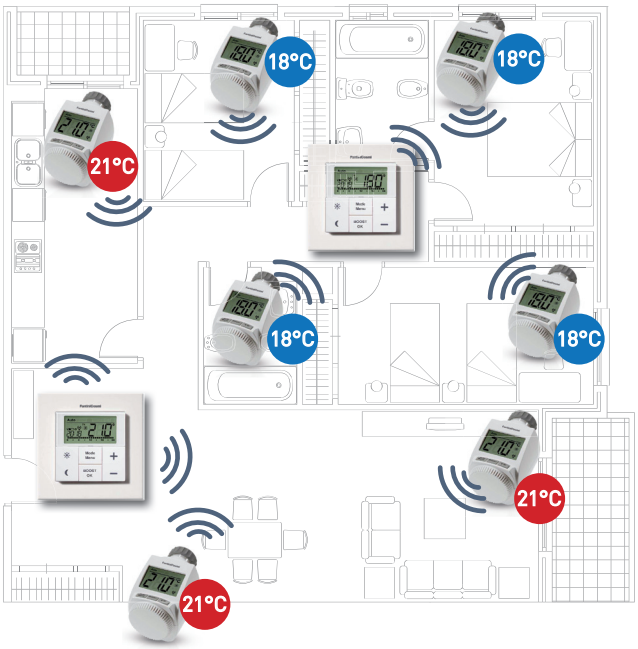
In case of manual setting of the temperature on 081RF, the setting change is automatically received by the room thermostat which adapts to the new setting by sending the same reading to the other radiator thermostats in the room.

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.