

Are your rooms too warm/too cold?

+	Press + or - to increase or decrease the room temperature setpoint in increments of 0.5 °C / 1 °F. Proceed as follows:
-	
ok	
set mode	

Do you want to change the operation mode?

mode	The thermostat provides Comfort mode, Economy mode, and Auto mode. Changeover between the operating modes can be made manually by pressing mode . ☀ Comfort mode is the permanent (24 h) selection of Comfort. Select this mode to maintain Comfort temperature permanently without any time switch. It is used during occupancy periods, for example. ☾ Economy mode is the permanent (24 h) selection of Economy. Select this mode to maintain the Economy temperature permanently without any time switch. It is used during non-occupancy periods, for example at night. ⌚ In Auto timer mode , operating modes (Comfort, Economy) are changed automatically according to the time switch set. ! Note: Frost protection is a function always active in the background. As soon the room temperature falls below 5 °C, the unit automatically activates the heating icon .
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Do you want to set permanent temperature setpoints?

set ok + - mode	<ul style="list-style-type: none"> Press set and select Press ok to confirm Press mode to choose an operating mode, Comfort or Economy mode Press + or - to adjust the setpoint permanently Press ok to confirm Press mode to exit or wait for a timeout to exit automatically ! Note: This permanent setpoint is used during Auto timer mode.
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Energy saving tips without sacrificing comfort

- Select Auto timer mode during the heating period, and set the time switch according to your normal habits at home
- Select Economy mode or Holiday mode during long periods of non occupancy and during summer period

Do you want to set your Holiday mode?

set ok + - mode	Use the Holiday mode to set the thermostat to a constant temperature while absent.
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- Press **set** and select
- Press **ok** to confirm
- Press **+** or **-** to adjust the temperature setpoint
- Press **ok** to confirm
- Press **+** or **-** to adjust the number of days for holidays (Note: 0 = Holiday mode OFF)
- Press **ok** to save the value
- When Holiday mode is activated, the remaining days are displayed on the screen

! **Note:**
 If you press **mode** while Holiday mode is active, the function is turned off and the symbol disappears.
 If the Comfort and Economy setpoint values are both locked, the lowest locked setpoint value is the Holiday mode setpoint value. You can adjust the setpoint temperature from 5 °C up to the lowest locked setpoint value.

Do you want to enter your own Time switch?

Option 1: Time switch with individual day selection (P11=0)

set ok + - mode	You can select Comfort mode or Economy mode at 15 minute intervals throughout the day. The 0:00 to 24:00 hour time bar allows you to set the operating mode for the selected day(s). Example:
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① Visible bars: Control to Comfort temperature
 ② Invisible bars: Control to Economy temperature

When Auto timer mode is enabled, changeover between the operating modes is automatic after the settings are saved.

Proceed as follows:

- Press **set** and select .
- Press **ok** to confirm.
- Time switch for day Mon(1) is displayed.
- Press **+** or **-** to select the day, from Mon (1) to Sun (7).
- Press **ok** to confirm the selection and initiate time programming.

During programming step:

- Press **mode** to select an operating mode, (Comfort or Economy) or
- Press **+** or **-** to adjust the time setpoint by 15 minutes for the selected mode.
- Press **ok** to save the time switch.
- Repeat steps 4-8 for all remaining days (if required); or
- Press **mode** or wait for the program to exit automatically..

Option 2: Time switch with the same 7 day selection (P11=1)

set ok + - mode	You can set all the 7 day time switches at the same time. Example:
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① Visible bars: Control to Comfort temperature
 ② Invisible bars: Control to Economy temperature

Proceed as follows:

- Set the parameter (P11=1). Please refer to the section "**Do you want to change parameters**".
- Press **set** and select .
- Press **ok** to confirm.
- Time switch for period Mon (1) - Sun (7) is displayed.
- Press **ok** to initiate time programming.

During programming step:

- Press **mode** to select an operating mode, (Comfort or Economy) or
- Press **+** or **-** to adjust time setpoint by 15 minutes for the selected mode.
- Press **ok** to save the time switch.
- Press **mode** or wait for the program to exit automatically.

Option 3: Time switch with 5-2 day selection (P11=2)

set ok + - mode	You can set Monday - Friday time switch at once and Saturday - Sunday time switch at once. Example:
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① Visible bars: Control to Comfort temperature
 ② Invisible bars: Control to Economy temperature

Proceed as follows:

- Set the parameter (P11=2). Please refer to the section "**Do you want to change parameters**".
- Press **set** and select .
- Press **ok** to confirm.
- Time switch for period Mon(1) - Fri(5) is displayed.
- Press **+** or **-** to select the period, Mon (1) - Fri(5) or Sat (6) - Sun (7).
- Press **ok** to confirm the selected period and initiate time programming.

During programming step:

- Press **mode** to select an operating mode, (Comfort or Economy) or
- Press **+** or **-** to adjust the time setpoint by 15 minutes for the selected mode.
- Press **ok** to save the time switch.
- Repeat the steps 5-9 for the other period if necessary; or
- Press **mode** or wait for the program to exit automatically.

Factory default of 7-day time switch

Default value	Day/s	Comfort mode	Economy mode
	Mo (1) – Fr (5)	6:00 – 8:00 hr 17:00 – 22:00 hr	22:00 – 6:00 hr 8:00 – 17:00 hr
	Sa (6) – Su (7)	7:00 – 22:00 hr	22:00 – 7:00 hr

Do you want to pair transmitter and receiver?

+ - learn mode	RDE100.1RF communicates with RCR100RF on 433 MHz frequency. To pair transmitter and receiver, proceeds as follows:
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RCR100RF Receiver setting:

- Press and hold the **learn** button on RCR100RF for at least 3 seconds and then release it.
- Red and green LED flash alternatively to indicate RCR100RF is in learning mode.

RDE100.1/RF Transmitter setting:

- On the transmitter, enter the parameter settings (See section on **Do you want to change parameters**).
- Check that parameter P19 is not 0. 0 means the wireless function is disabled. By default, parameter P19 is 1.
- Proceed to parameter P20. Press **ok** and parameter P20 = 0 (OFF) flashes. Adjust the value by pressing **+** to change to P20 = 1 (ON), and then press **ok** to confirm.
- During the stages of wireless learning, the LCD displays "rF" and "Lrn". Wait for it to time out, and the transmitter exits the parameter setting mode.

Successful wireless learning:

- The green LED on the RCR100RF flashes for 10 minutes to indicate that the RCR100RF has successfully completed the wireless learning.

Recommendation:

- Additional test to ensure the wireless signal is fine:**
 On the RDE100.1/RF, change the operating mode by pressing **mode** or change the setpoint by pressing **+** or **-**. On the RCR100RF, the green LED should blink for 3 seconds before turning solid green. In parallel, observe your radiator, boiler or heater indication (if it has one) that it has changed the mode.

- If step 7 or step 8 is working fine, this means you have successfully paired the units.

Unsuccessful wireless learning:

- If RCR100RF fails to receive wireless data, the red LED starts to flash **. Repeat steps 1 to 8 until the pairing is successful.

! **Note:**
 Always start the Receiver's learning before starting the pairing with the Transmitter.
 The units must be placed in a way that ensures that Transmitter and Received signals have limited external wireless interference.
 **In normal operation, if a drop in wireless may occurs due to unforeseeable noise interference, just leave the receiver and it will recover automatically.
 The pairs are saved even if there is a power shut down. The communication restarts automatically after several minutes without any user manipulation.