

SIEMENS

en
Operating Instructions
REV23M

Commissioning and quick start



1. Remove controller from its base and open cover of the battery compartment.
2. Remove the black battery transit tab. The controller will switch itself on.
3. Close the battery compartment and replace the controller.
4. Switch on the boiler.

Selecting the operating mode



The operating mode selector enables you to select 5 different operating modes:

- Automatic operation with a maximum of 3 heating periods
- Continuously comfort mode
- Continuously economy mode
- Continuously frost protection mode
- 24-hour mode with current comfort setpoint

Changing temporarily the current setpoint temperature



The change is maintained until the next switching point is reached!

20.8 °C

1. When pressing the or button for the first time, the currently valid setpoint temperature will be displayed. It can be readjusted in increments of 0.2 °C (max. +/-4 °C).
2. After 3 seconds, the initial display will automatically appear again.

Changing temporarily the temperature setpoint (savings tip)

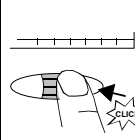


In operating modes **Auto** and , this button can be pressed to make a manual change from comfort to economy mode, or vice versa. The change will automatically be canceled when reaching the next switching point or when selecting another operating mode.

Symbole			Burner active		Economy setpoint		1 heating period
	"Time" menu		Error message		Setpoint frost protection		2 heating period
	"Temperature" menu	Auto	Automatic operation		Setpoint remote operation		3 heating period
	"Heating periods" menu		Continuously comfort mode		Absence setpoint	1 2 3 4 5 6 7 ▲ Current weekday	
	"Absence" menu		Continuously economy mode		Actual room-temperature	1 2 3 4 5 6 7 ▲▲▲▲▲ Workingday group	
	Battery change		Frost protection		Actual outside temperature (*)	1 2 3 4 5 6 7 ▲▲ Weekend group	
	Remote operation		24-hour mode		Hot water temp. setpoint (*)	1 2 3 4 5 6 7 ▲▲▲▲▲▲▲ Entire week	
	Absence		Comfort setpoint		Actual boiler water temp. (*)	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 Time schedule	

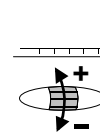
(*) Display only possible if these values are delivered by the boiler.

Functions of the roller selector



Press:

- You access the menu level
- You activate the menu
- You save the inputs
- You switch to the next menu item
- You accept the menu item



Roll:

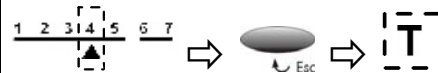
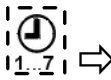
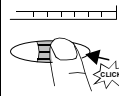
- You go from one menu to the next
- You change the setting variables (temperature in increments of 0.2 °C, time in increments of hours and minutes)
- You select predefined functions

Escape button

Press the Esc button to return to the menu level previously activated or to leave the menu level in a number of steps until you reach the initial display (the settings currently displayed will be accepted).



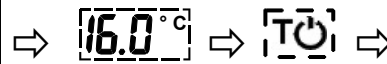
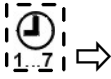
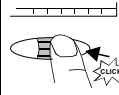
Setting the time of day and the weekday



1. Press: You access the menu level; the **clock** flashes.
2. Press: You accept the menu; the **hours** flash.
3. Roll: Set the current **hour**.
4. Press: You save the input; the **minutes** flash.
5. Roll: Set the current **minute**.
6. Press: You save the input; the **weekday** flashes.
7. Roll: Select the current **weekday**.
8. Press the Esc button to return to the menu level: the T menu flashes (change not necessarily required; press the Esc button again to return to the initial display).

If no button is pressed for 20 seconds, the setting displayed will be accepted and the initial display will appear again.

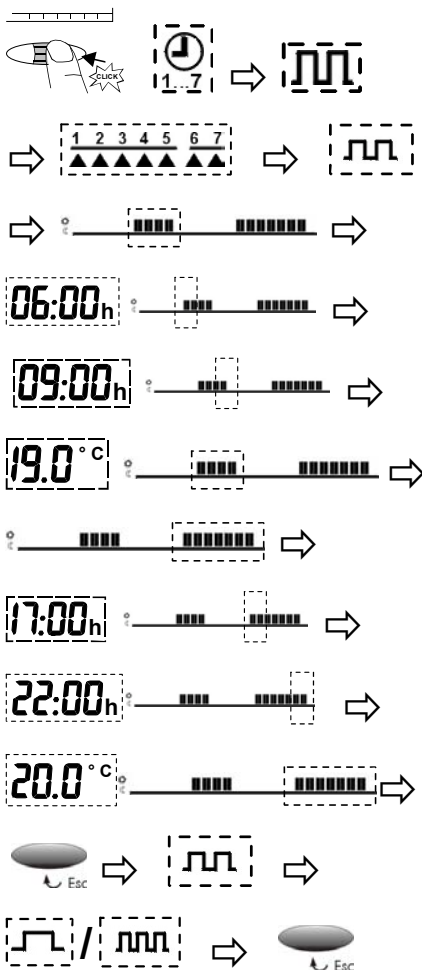
Changing temperatures long-term



1. Press: You access the menu level; the **clock** flashes.
2. Roll: Toward the display to the T menu.
3. Press: You accept the menu; symbol flashes.
4. Press: You accept ; the **setpoint** flashes.
5. Roll: Set the **comfort temperature**
6. Press: You save the input; symbol flashes.
7. Press: You accept ; the **setpoint** flashes.
8. Roll: Set the **economy temperature**.
9. Press: You save the input; symbol flashes.
10. Press: You accept ; the **setpoint** flashes.
11. Roll: Set the **frost protection temperature**.
12. Press: You save the input; symbol flashes.
13. Press: You accept ; the **setpoint** flashes.
14. Roll: Set the **temperature setpoint** while **remote operation** is active.
15. Press the Esc button to return to the menu level: The heating periods menu flashes. (change not necessarily required; press the Esc button again to return to the initial display).

If no button is pressed for 20 seconds, the setting displayed will be accepted and the initial display will appear again.

Settings for automatic operation with 2 heating periods



If no button is pressed for 20 seconds, the setting displayed will be accepted and the initial display restored.

1. Press: You access the menu level; the **clock** flashes.
2. Roll: Twice toward the display; menu flashes.
3. Press: You accept the menu; the **day selection** symbol flashes.
4. Roll: Select the days, the working days, the weekend or the week.
5. Press: You save the selection made; **heating period** flashes.
6. Press: Accept ; **heating period 1** flashes.
7. Press: You accept **heating period 1**; **start time** of heating period 1 flashes.
8. Roll: Set the **start time** of heating period 1.
9. Press: You save the input; **end time** of heating period 1 flashes.
10. Roll: Set the **end time** of heating period 1.
11. Press: You save the input; **setpoint** of heating period 1 flashes.
12. Roll: Set the **setpoint** of heating period 1.
13. Press: You save the input; **heating period 2** flashes.
14. Press: You accept **heating period 2**; **start time** of heating period 2 flashes.
15. Roll: Set the **start time** of heating period 2.
16. Press: You save the input; **end time** of heating period 2 flashes.
17. Roll: Set the **end time** of heating period 2.
18. Press: You save the input; **setpoint** of heating period 2 flashes.
19. Roll: Set the **setpoint** of heating period 2.
20. Press the Esc button to return to the **heating periods** menu:
Menu item **heating periods** flashes.
21. Roll: Toward the display or away from it to menu item;
 or heating periods
(change not necessarily required; press the Esc button several times to leave the menu level in several steps, thus returning to the initial display).

24-hour operation

24-hour operation with only one heating period (the heating period will automatically be generated from the current 24-hour program).

Start of the first heating period, end of the last heating period, plus the currently adjusted comfort temperature setpoint.

Retrieving the default values

Press the button behind the small opening for at least one second, thus resetting the user-specific and the "Permanent-self-learning operating mode" as well as display of flow temperature, outside temperature and d.h.w. setpoint to their default values (the heating engineer settings will not be changed).

The clock starts at 12:00.

When making a reset, all display fields will light up.

Caution: If the controller is removed from its base for more than 60 seconds, an error message will appear on the display.

When sliding the controller back to its base, the error message must disappear after 2 minutes at the latest.

Without inserted batteries, reset functions correctly for a maximum of 15 seconds only after removing REV23M from its base.

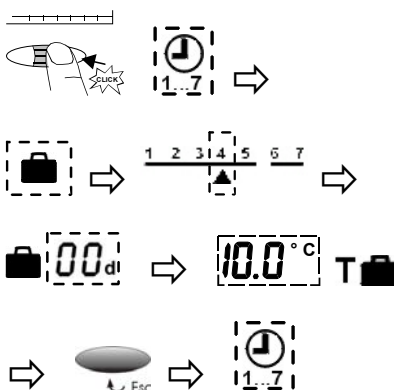
Default values Factory settings for heating

Operating mode			
Start of continuous operation	00:00	00:00	00:00
End of continuous operations	24:00	24:00	24:00
Setpoint of comfort mode	19 °C		
Setpoint of economy mode	16 °C		
Setpoint frost protection	5 °C		
Setpoint T remote operation	10 °C		
Setpoint T absence	12 °C		
Operating mode	Auto		
Selected periods			
Start of period 1	07:00	06:00	06:00
End of period 1	23:00	08:00	08:00
Start of period 2		17:00	11:00
End of period 2		22:00	13:00
Start of period 3			17:00
End of period 3			22:00
Setpoint of period 1	19 °C	19 °C	19 °C
Setpoint of period 2		20 °C	20 °C
Setpoint of period 3			21 °C
Setpoints T and T	See above		

Settings for automatic operation with 1 or 3 heating periods

The procedure to be followed is the same as that for automatic operation with 2 heating periods the only difference being that, in addition, a setpoint for heating period 3 can be entered (standard setting 21 °C).

Absence / holidays



If no button is pressed for 20 seconds, the setting displayed will be accepted and the initial display will appear again.

1. Press: You access the menu level; the **clock** flashes.
2. Roll: Away from the display, menu flashes.
3. Press: Accept ; symbol flashes.
4. Roll: Set the start (weekday) of your absence.
5. Press: You save the input; the number of days flash.
6. Roll: Set the duration of your absence; number of days (max. 99)
7. Press: You save the input; setpoint T flashes.
8. Roll: Set the temperature.
9. Press the Esc button to return to the menu level; the **clock** flashes.
(change not necessarily required; press the Esc button again to return to the initial display).

Changing the batteries 2 Alkaline batteries type AA 1.5 V

When this symbol appears, the batteries must be replaced within 3 months.

1. Remove controller from its base.
2. Open battery compartment at the rear and replace the batteries.
3. Close battery compartment and replace the controller.

Note:

When changing the batteries, the current data are maintained for a maximum of one minute.