

Short manual ATAG BrainQ RSC/2 RS/2 Intelligent clock thermostat

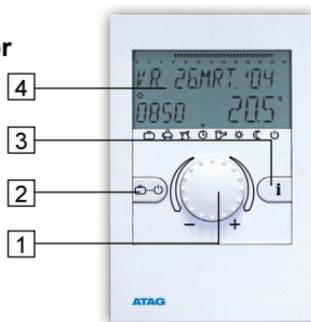
This short manual contains a summarized description of the most common functions.

Abbreviations

- HC = Central heating
 DHW = Domestic hot water
 HC = Direct circuit / central heating system

Operating instruments of the room sensor

1. Rotary pushbutton 
2. Program button 
3. Information button 
4. LCD display



Operation and symbols

General functions

The rotary pushbutton has 2 functions:

-   Press: select (selected) function or value, accept if necessary
-   Turn: select, change selected values
-   Press for 3 s: Entry into the programming level

Standard display

Day, date, time, current temperature. The arrow below shows the selected function. The automatic program is standard .

Special symbols

-  Frost-symbol: Frost protection of the burner switched on due to low outside temperature (standard: 3°C)
-  Sunshade: Heating switched off due to high outside temperature (standard: 21°C)
-  Alarm message: Alternates with standard display. If the alarm message returns after a reset of the burner (also check the hydraulic pressure first: 1,7 - 2 bar!): Contact your heating specialist.

Temporary change of room temperature

-   Press the rotary pushbutton 1 time briefly
-   Turn the rotary pushbutton to the desired temperature.
-   Press the rotary pushbutton 1 time briefly

Inquiry of installation information

To inquire after information on the plant, press the i-button . Turn rotary pushbutton (to the right) to inquire after the following:

- Outside temperature (when the outside sensor is connected)
- OUT Min./Max.: Minimum or maximum measured outside temperature in the last 24 hours
- Unit: Central heating water temperature (boiler temperature)*
- Domestic hot water: Domestic hot water tank temperature (when domestic hot water supply is connected)
- Modulation: Percentage of the current capacity, at which the unit is burning
- Hydraulic pressure: current hydraulic pressure (in bar) in the central heating system (between 1.7 and 2.0 bar = OK)
- Room sensor: indicates if there is a demand for heat for the DHW or HC
- Room temp HC: current temperature
- Unit OFF: HC-unit is switched off due to high outside temperature
- Auto day DHW OFF: Current program and status domestic hot water supply
- Auto day HC OFF: Current program and status HC

Depending on the plant and the selected programs, more or less information values can be visible.

Programs

Temporary programs:

-  Holiday til... (date to be selected from today): HC and DHW off during the entered period. Frost protected.
-  absent til... (length of brief absence to be selected, HC set to night temperature)
-  Party til... (length of temporary extension of heating period after expiration of the entered timeprogram to be selected, HC day temperature)

Long-term programs:

-  Automatic (HC and DHW according to set timeprogram). Optionally, 3 timeprograms (P1, P2 and P3) are available (request information from your heating specialist). The desired timeprogram can be selected here afterwards.
-  Summer DHW (HC switched off, DHW available depending on timer)
-  Heating (HC constantly at set day temperature)
-  Red. heating (HC constantly at set night temperature)
-  Standby (HC and DHW switched off, frost protected)

Program selection

Press program button. Operational mode appears followed by the currently set program. Turn the rotary pushbutton to the desired program.

Press the rotary pushbutton to select a program.

If necessary (depending on program): Turn rotary pushbutton to set time or date, press rotary pushbutton to accept the setting.

Return to automatic timeprogram (Automatic)

1. If a temporary program has been selected, the timeprogram will switch on again automatically after the program expires.
2. Cancelling a program prematurely: Press the program button for 3 sec.

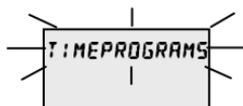


Programming the timeprogram and the time/date

The timeprogram should be adjusted as follows. For more information, see the detailed manual. Every flashing value can be changed by turning the rotary pushbutton and can be selected by pushing the rotary pushbutton. Return to previous setting: press . Return to standard display: press .



Entry into the programming level



Timeprogram



Entry into the timeprogramming level



1. Heating or domestic hot water:

HC=heating circuit
DHW=domestic hot water
MC1 = mixed circuit 1*
(*if available)



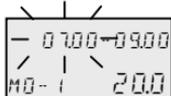
2. Selection of timeprogram P1, P2 or P3

3 separate timeprograms can be set here.
(Only appears when P1-P3 is enabled. Request information from your heating specialist)



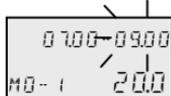
3. Selection of day and heating period

Setting sequence: Mo-1 cycle, Mo-2 cycle, Tu-1 cycle, Tu-2 cycle, We-1 cycle etc. After a cycle has been entered, the next is made available.



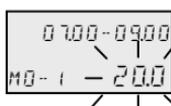
4. Setting the beginning of the heating period (switching-on time)

Setting range 0.00 to 24.00 h
The setting range appears in the top time bar as a flashing segment



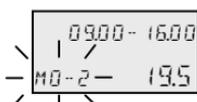
5. Setting the end of the heating period (switching-off time)

Setting range 0.00 to 24.00 h
The switching-off time appears in the top time bar as a flashing segment



6. Setting the desired temperature (during heating period)

Setting range 5.0 to 30 °C for heating; 10.0 to max.
DHW-setting unit



7. Setting the next cycle or next day

The setting method is described above.

To return to the programming level, there are 3 possibilities:

- Return to the standard display step by step.
- Return to the standard display directly by pressing once.
- automatically after no key has been pressed for 90 s.

Detailed information on the functions described here can be found in the supplied room sensor manual for the heating specialist.