

en Operating instructions

REV13.. – the 24-hour room temperature controller for the right temperature at the right time. The REV13... offers you 2 individually selectable and adjustable switching patterns. All factory settings already provide optimal living comfort. You can easily adjust the controller to your individual needs with the user-assisted clear-text display and program selection slider.

Note the following when placing the controller:

- Make sure no other influencing factors adversely affect the controller's temperature sensor (no direct solar radiation and no influence from other heat or refrigeration sources)

If the selected operating mode does not support the setting, the time display shows **PASS**.

Special symbols displayed

The controller display can show the following special symbols:

Is symbol displayed?

The alarm indicates an error!

Press the Info button and check the error message (e.g. radio clock signal, radio link to receiver, etc.). Contact a specialist if required.

Is symbol displayed?

This symbol tells you that you must replace the batteries within the next 3 months.

Insert 2 new alkaline batteries type AAA, 1.5 V as follows:

Remove the controller from its mounting base; open the battery compartment at the rear; remove the old batteries; insert the new batteries; close the battery compartment and reinsert the controller in its mounting base.

Caution: Time of day and date are retained for **1 minute**.
(All other settings are fixed and remain unchanged!)

Dispose of the old batteries as per regulations.

Is symbol displayed?

The radio clock symbol only appears if the receiver is set up and activated to receive the time signal from Frankfurt (Germany). A permanent symbol indicates that both time of day and date of the controller are synchronized to Frankfurt radio clock (DCF77). The symbol blinks if the time signal is not received for more than 1 week.

Commissioning the controller and quick start

The controller contains a factory-set switching pattern and temperature values. For initial commissioning, proceed as follows:

	Remove the controller from its mounting base and pull off the black transit tab from the 2 batteries: The controller turns on automatically. Reinsert the controller in its mounting base.
	After startup, a welcome message appears for about 2 minutes. Press any of the buttons to interrupt the running display. Language selection starts with "ENGLISH" (factory setting). Press or until your language appears. Press or move the slider to confirm your language.
	Slider in position 1 (time setting): Press or to set the time of day. Note: You do not need to enter the time of day when the DCF77 receiver for the time signal from Frankfurt (Germany) is fitted.
	Slider in position 2 (date: day - month - year): Press or to set the date. Note: You do not need to enter the date when the DCF77 receiver for the time signal from Frankfurt (Germany) is fitted.
RUN	Move the slider to the very right to position RUN (only way to close the cover).
	Select the operating mode with the operating mode selector. Factory setting is .

Fold the operating instructions again and reinsert them in the mounting base.

Turn on display lighting, check error messages or other important information

	Press the Info button once to activate display backlighting. Backlighting goes off automatically after a short time. Continuing to press the Info button activates the info display: Info is lit. The controller first shows pending error messages and then important information (e.g. switching programs, etc.).
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Change the temperature level in the time switch program, or are you not at home for a while?

	In the time switch program, press this button to change from the current temperature level to the next and back. Quickly activate the energy saving temperature when you leave the apartment for a short time to save energy. The change appears on the display. It is valid only until the next switching time.
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Tips to save energy without sacrificing comfort

- Heat your rooms to max. 21 °C
- Press to switch to energy saving temperature even if you are absent only briefly
- Air out your rooms briefly, but windows wide open



Select operating mode

Press the operating mode button  to select one of 5 modes.

Operating modes with time program




The controller offers 2 time programs:  and .

Do you feel too warm / too cold?



Press  or  to set the required temperature. The setting is temporary and active only until the next time the controller activates a change.

Note: To set your own time programs, refer to section "Enter customized temperatures and switching times".







Continuous operating modes

The controller offers the continuous operating modes "Continuously Comfort mode" , "Continuously Energy Saving mode"  and "Frost Protection mode" .

Do you feel too warm / too cold?

Press  or  to set the required continuous temperature.

Enter time of day and date

























	Slider in position 1 (time setting): Press  or  to set the correct time of day.
	Slider in position 2 (date: day - month - year): Press  or  to set the date.
RUN	Reset the slider to the RUN position.

Note: You do not need to enter the time of day and the date when the DCF77 receiver for the time signal from Frankfurt (Germany) is fitted. The time display shows **PASS**.

Enter customized temperatures and switching times

The controller offers 2 Automatic modes  and  that you can set with the program selector slider.

Proceed as follows:




	Slider in position 3 (start time 1 for Automatic mode with 2 heating phases): Press  or  to set the required start time.
	Slider in position 4 (end time 1 for Automatic mode with 2 heating phases): Press  or  to set the required end time.
	Slider in position 5 (start time 2 for Automatic mode with 2 heating phases): Press  or  to set the required start time.
	Slider in position 6 (end time 2 for Automatic mode with 2 heating phases): Press  or  to set the required end time.
	Slider in position 7 (start time for Automatic mode with 1 heating phase): Press  or  to set the required end time.
	Slider in position 8 (end time for Automatic mode with 1 heating phase): Press  or  to set the required end time.
	Slider in position 9 (comfort temperature for Automatic mode A and B): Press  or  to set the required comfort temperature.
	Slider in position 10 (energy saving temperature for Automatic mode A and B): Press  or  to set the required energy saving temperature. <i>Note:</i> The energy saving temperature in time programs A and B is independent of the energy saving temperature in operating mode "Continuously Energy Saving mode".
RUN	Move slider back to the RUN position and close the cover.

Enter temperature for active remote control







With active remote control, you are free to select the temperature. Activating remote control immediately enables control to the remote operating temperature regardless of the current operating mode. After you switch off remote control, the controller returns to the selected operating mode.

Symbol  **blinks with active remote control.**





Proceed as follows:

	Slider in position 11 (temperature for active remote control: Press  or  to set the temperature for active remote control.
RUN	Move slider back to the RUN position.


Reset to factory settings


	Press  and  together with the operating mode button  for 3 seconds. All temperature and time settings are reset to their default values. The clock starts at 12:00.
	
	
Caution: All customized settings will be lost!	

Factory settings: Heating



	20 °C
	16 °C
	8 °C
	12 °C

Factory settings: Switching times

	A1	A2	A3	A4
	06:00	08:00	17:00	22:00










	B1	B2
	07:00	23:00

Activate Party mode

You can activate Party mode only in operating modes  and . In Party mode, the unit controls to any selectable temperature for any selectable time.

In Party mode, symbol  **is displayed along with the end of Party mode.**

Proceed as follows:

	<ol style="list-style-type: none"> 1. Press  for 3 seconds. 2. Press  or  to set the duration of Party mode. Party mode can last a maximum of 9 hours. The entry is confirmed after 20 seconds or when you press . 3. Press  or  to set the required temperature. 4. Party mode ends automatically after the party duration ends or when you press  or .
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Notes (e.g. customized settings):