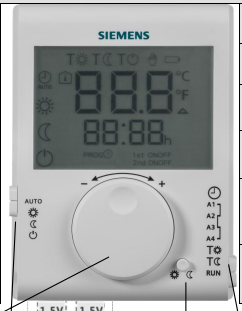
SIEMENS

Operating instructions RDJ100

The RDJ100 is a room thermostat with a 24-hour time program that allows you to set the desired room temperature (setpoint) for the desired time. The unit features an ergonomic setting knob for easy temperature control.

Display

	Actual room temperature in °C
T☼	The unit controls to the selected comfort temperature
T☾	The unit controls to the selected energy saving temperature
T⏻	The unit controls to the selected frost protection temperature
	Indicates when the temperature setpoint was changed by the user. This setpoint will be maintained until the next switching time. This function is only active in automatic mode and comfort mode.



	Indicates when heating is demanded
	Replace batteries
	Frost protection: The unit controls continuously to frost protection temperature
	Energy saving mode: The unit controls continuously to energy saving temperature
	Comfort mode: The unit controls continuously to comfort temperature
AUTO	Automatic mode: The unit controls to the selected time and temperature programs

Setting knob
Warmer/colder for selecting the temperature setpoint

Battery compartment
2 alkaline batteries type AA, 1.5 V

Operating mode selector

AUTO	Automatic mode: The unit controls to the selected time and temperature programs
☼	Comfort mode: The unit controls continuously to comfort temperature
☾	Energy saving mode: The unit controls continuously to energy saving temperature
⏻	Frost protection: The unit controls continuously to frost protection temperature. This setpoint is fixed at 5 °C

Advance button

Switches the operating mode from comfort to energy saving, or vice versa, until the next switching time in automatic mode

Programming selector

🕘	Time setting position
A1	First switch-on time
A2	First switch-off time
A3	Second switch-on time
A4	Second switch-off time
T☼	Comfort temperature setting
T☾	Energy saving temperature setting
RUN	Set the controller to RUN after programming is completed

Introduction

This leaflet provides easy-to-follow instructions to set up your RDJ100 room thermostat.

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Setting the time
Setting switch-on and switch-off times
Setting the comfort temperature
Setting the energy saving temperature
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Changing batteries
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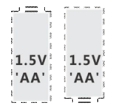
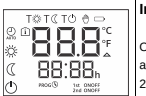


Commissioning

- Remove the black transit tabs from the alkaline batteries. Check to see if the battery compartment is in its correct position
- If no batteries are inserted, fit 2 alkaline batteries type AA in the battery compartment



Initial power-up

Once batteries are inserted, all symbols are displayed as shown for about 2 seconds.

Setting the time

1. Set the programming selector to position 🕘. The current time setting flashes
2. Turn the setting knob to the left to decrease the time, or to the right to increase the time
3. When the correct time is displayed, move the programming selector to any other position to confirm your setting

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Setting the first switch-on time (first comfort time)

1. Set the programming selector to position A1. The setting for the first switch-on time flashes.
2. Turn the setting knob counter-clockwise to decrease the time, or clockwise to increase the time.
3. When the required switch-on time is displayed, move the programming selector to any other position to confirm your setting.

Setting the first switch-off time (first energy saving time)

1. Set the programming selector to position A2. The setting for the first switch-off time flashes.
2. Turn the setting knob counter-clockwise to decrease the time, or clockwise to increase the time.
3. When the required switch-off time is displayed, move the programming selector to any other position to confirm your setting.

Setting the second switch-on time (second comfort time)

1. Set the programming selector to position A3. The setting for the second switch-on time flashes.
2. Turn the setting knob counter-clockwise to decrease the time, or clockwise to increase the time.
3. When the required switch-on time is displayed, move the programming selector to any other position to confirm your setting.

Setting the second switch-off time (second energy saving time)

1. Set the programming selector to position A4. The setting for the second switch-off time flashes.
2. Turn the setting knob counter-clockwise to decrease the time, or clockwise to increase the time.
3. When the required switch-off time is displayed, move the programming selector to any other position to confirm your setting.

NOTE

Switch-on and switch-off times are related. When trying to set a switching time to a time after the next switching time, the latter time will automatically be moved forward (or backward).

Setting the comfort temperature

1. Set the programming selector to position T☼.
2. The setting for the current comfort temperature flashes.
3. Turn the setting knob counter-clockwise to decrease the temperature setting, or clockwise to increase the temperature setting.
4. When the required comfort temperature is displayed, move the programming selector to any other position to confirm your setting.

Setting the energy saving temperature

1. Set the programming selector to position T☾. The setting for the current energy saving temperature flashes.
2. Turn the setting knob counter-clockwise to decrease the temperature setting, or clockwise to increase the temperature setting.
3. When the required energy saving temperature is displayed, move the programming selector to any other position to confirm your setting.

Changing the current setpoint temporarily

1. The current setpoint can be changed temporarily when the operating mode selector is in the AUTO position and the programming selector in the RUN position.
2. Turn the setting knob slightly in either direction to display the current setpoint, then turn it counter-clockwise to decrease the temperature setting, or clockwise to increase the temperature setting.
3. This setpoint is maintained until the next switching time. When this is activated, the hand symbol is displayed.

Setting the temporary comfort temperature

1. Turn the setting knob counter-clockwise or clockwise to adjust the desired temperature when the operating mode selector is set to Comfort mode (temporary override of Comfort temperature).
2. The temporary override of the Comfort temperature is cancelled when the operating mode is changed.

Changing the batteries

1. Get 2 new alkaline batteries type AA, 1.5 V.
2. Within 1 minute: pull out the battery compartment and remove the batteries, then insert new batteries and replace the battery compartment.
3. Make certain the old batteries are disposed of properly, in compliance with environmental requirements.

Energy saving tips without sacrificing comfort

- Never allow room temperatures to exceed 21°C
- Air out rooms for short periods of time only, but properly, with the windows wide open