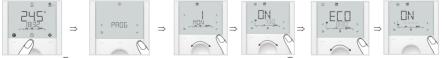
			SIEMENS
Operating Instructions en			DG200KN, RDG204KN
RDG2KN – Room thermostat wi	th KNX communications allow		DG260KN, RDG264KN
temperature, relative humidity and the operating modes Comfort, Ec	nd CO2 level (RDG204KN&RDG	i264KN). The thermo	ostat offers
In addition, it can operate in Auto	o mode as per a schedule via k		
The fan operates either in Auto n Users can either use the factory s			
()命食≉∭扁⊙⊙♣命-▲宫∳司 2	Main display	2	Operating mode
	<ul> <li>Operating mode selection</li> <li>Scheduler</li> </ul>	on *	Holiday mode Protection mode
	Fan speed selection	EC0	Economy mode
	5 Escape	<b>I</b>	Comfort mode
	Delete schedule	*	Cooling mode Celectric heater active
	Confirm parameters	<u></u>	Heating mode
Dø G	Number of schedules o	r slave alarms 🛄	Scheduler mode
SIEMENS	Outside temperature		Manual changeover
SIEMENS	Parameter 245 Digits for setpoint dis		Auto mode
0AM 4 6 8 12 4 18 8 124PM	Time bar for schedule		Temporary timer Fault
	on, such as outside temperatu	re, time of	Fresh air indication
	e humidity, or indoor air quali	-	Condensation in room
0/+11	Afternoon: 12-hour format °C		(dewpoint sensor active) or
οθα	°F Degrees Celsius or Fahi	renheit T	humidity control active
Indoor air quality24.5Value with thermometer:	ppm CO <sub>2</sub> values	_	Button lock
Operating mode button *	B Fan mode button		Automatic fan _ Fan speed I
C Rotary knob	D Green leaf		_ Fan Speed II
Protection hospitality mod			Fan Speed III
* When P002 = 3, the icon is displayed code for the latest version info).	as ${\ensuremath{\mathfrak{O}}^{\circ}}^{\mathbb{C}}$ F and the button can be use	d to switch unit betwee	en °C and °F. (scan the above QR
Changing the room temperatu	re		
245 Turn the rotary kn temperature setpo	ob clockwise to increase, or co nint.	ounterclockwise to d	ecrease the current room
Note: The setting	range is 540 °C; it can be lim		P013 and P016.
(for parameter set	tings, see Control parameters	on page 2).	
Adjusting the fan speed			
	ss the right button repeatedly		
Speed I	Auto mode Auto, the fan speed	is automatically sele	cted by the thermostat
Speed I Speed I Speed II Speed II Speed II In A	Auto mode Auro, the fan speed bending on setpoint and curre Manual mode, the fan operate	is automatically sele nt room temperature s independently and	cted by the thermostat e.
Speed I Speed II Speed II Speed III Speed III	Auto mode Auto, the fan speed bending on setpoint and curre	is automatically sele nt room temperature s independently and	cted by the thermostat e.
Speed I Speed II • In A Speed II • In A dep	Auto mode Auro, the fan speed bending on setpoint and curre Manual mode, the fan operate r: speed I / speed II / speed III.	is automatically sele nt room temperature s independently and	cted by the thermostat e.
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Speed I Speed II Speed I	Auto mode $\frac{1}{\sqrt{100}}$ , the fan speed bending on setpoint and curre Manual mode, the fan operate r: speed I / speed II / speed III.	is automatically sele nt room temperature s independently and	Auto mode
Speed I Speed I Speed II Speed II Changing the operating mode Comfort mode	Auto mode $\frac{1}{\sqrt{100}}$ , the fan speed bending on setpoint and curre Manual mode, the fan operate r: speed I / speed II / speed III.	is automatically sele nt room temperature s independently and	Auto mode
Speed I Speed II Speed II Speed III Changing the operating mode Comfort mode Comfort mode 1. Comfort mode In A	Auto mode $\frac{1}{\sqrt{100}}$ , the fan speed bending on setpoint and curre Manual mode, the fan operate r: speed I / speed II / speed III.	is automatically select nt room temperature s independently and Protection mode	Auto mode
Speed I Speed II Speed II Speed III Changing the operating mode Comfort mode I. Comfort mode I. Comfort mode I. Comfort mode, the thermore with the rotary knob.	Auto mode $\sqrt[4]{mode}$ , the fan speed bending on setpoint and curre Manual mode, the fan operate r: speed I / speed II / speed III. Economy mode	is automatically select nt room temperature s independently and Protection mode	Auto mode
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- Press button  ${}^{igodol }$  once and then turn the rotary knob or press button  ${}^{igodol }$  continuously to select programming mode PROG.
- Press button  $\checkmark$  once to enter scheduler mode  $\blacksquare$
- Turn the rotary knob to select the weekday to be set, then press button  $\checkmark$  once.
- Turn the rotary knob to view existing schedules, then press button  $\checkmark$  once to select the schedule that need to be edited.
- Comfort mode setting of selected schedule and icons 👔 and 🕮 are displayed, then press button 🗸 once. The start time for Comfort flashes and can be changed by turning the rotary knob.
- Press button 🖌 once to confirm the adjusted value and enter the Economy mode setting for the schedule. Icons 😳 and 📰 are displayed, then press button 🗸 once. The start time for Economy flashes and can be changed by turning the rotary knob.
- Press button  $\checkmark$  once to confirm the adjusted value. Then users can view other schedules by turning the rotary knob and enter other schedule settings (same as edited schedule). Note: User can press button iii to delete any schedule or 🗢 (Esc) to cancel the change. The maximum number of set schedule is

three per day.

## Set TIME





- Press button  $\odot$  once and then turn the rotary knob or press button  $\odot$  continuously to select programming mode TIME.
- Press button  $\checkmark$  once and then turn the rotary knob to select time format (12H). Press button  $\checkmark$  once and then turn the rotary knob to select AM or PM. Press button  $\checkmark$  once and enter the hour setting.
- •
- .
- The hour value flashes and can be changed by turning the rotary knob. Press button  $\checkmark$  once to confirm the adjusted value and enter the minutes setting.

Note: When time format is 24 h, AMPM is not displayed. Repeat the steps as for the hour.



- Press button  ${}^{igodol}$  once and then turn the rotary knob or press button  ${}^{igodol}$  continuously to select programming mode DATE
- Press button once to enter date setting.
- Turn the rotary knob to select month / weekday / year, then press button 🗸 once. For example, enter the year setting. The Year value flashes and can be changed by turning the rotary knob. Press button  $\checkmark$  to confirm the adjusted value, or  $\bigcirc$  (Esc) to cancel the change.

Repeat steps for month and weekday settings.



- Press button  $^{(1)}$  once and then turn the rotary knob or press button  $^{(2)}$  continuously to select programming mode AWAY. Holiday mode 📖 is displayed.
- Press button 🗸 once to enter scheduler mode 🛄
- Turn the rotary knob to adjust the holidays, then press button  $\checkmark$  once. Set the start time (AWAY): Set the month (MON) and then press button  $\checkmark \Rightarrow$  Set the day (DAY)
- Press button V once to confirm the adjusted value; the idle page for Holiday mode is displayed once the start time reaches.

## Button lock

ig (by qu instaner)

To adapt the thermostat to your system and optimize control performance, a number of control parameters can be adjusted. This can be done during operation, either via the buttons on the thermostat or via a commissioning tool

## Control parameters



To change control parameters, proceed as follows: 1. Press left and right buttons simultaneously for 3 seconds or until device beeps if buzzer function is enabled (P030).

- 2. Service level: Release and within 0.5...4 seconds, press the right button again until "P001" is displayed. **Expert level**: Release and within 0.5...4 seconds, press the left button again until the temperature disappears. Turn the rotary knob counterclockwise minimum ½ rotation. **P050** displays.
- 3. Select the required parameter by turning the rotary knob.
- 4. Press button  $\checkmark$  (OK). The current value of the selected parameter flashes and can be changed by turning the rotary knob.

5. Press button  $\checkmark$  (OK) to confirm the adjusted value, or  $\bigcirc$  (Esc) to cancel the change. To adjust additional parameters, repeat steps 3 through 5, or press  $\bigcirc$  (Esc) to quit parameter setting mode. Note: If password protection (needs to be done by HVAC installer) is enabled, users must enter the password to open parameter setting mode. If the password is mistyped 5 times, the thermostat is locked and the password cannot be entered for 5 minutes. Symbols 🕥 and 🖬 are displayed.

## Parameter list

No.	Description	Factory setting	Setting range	Adj	
P001	Control sequence	2-pipe: 1 = Cooling only 4-pipe: 4 = Heating and cooling	2 = H/C changeover auto		
P002	Operation via room operating mode selector	1	1 = Auto *** - Protection / Auto - Comfort – Protection (when there is local scheduler) 2 = Auto *** - Comfort - Economy - Protection 3 = Auto *** (Comfort) - Protection Hospitality		
P003	Operation via fan operating selector	0	0 = Auto - Manual 1 = Manual 2 = Auto - Manual - Protection 3 = Auto - Protection 4 = Forced ventilation ***** 5 = Forced ventilation, fan auto-manual *****		
P004	Unit	0	0 = °C (parameter in °C)		
	Scheduler	OFF	1 = °F (parameter in °F) ON = Enabled: OFF = Disabled		
	Measured value correction	0 К	-55 K		
	Humidity value correction	0	-10010 %		
	Standard display	0	0 = Room temperature; 1 = Setpoint		
P009	Additional display information	0	0 = (No display) 1 = °C and °F 2 = Outside temperature 3 = Time of day (12 h) 4 = Time of day (24 h) 5 = Humidity 6 = Indoor air quality (numeric) ***** 7 = Indoor air quality (text) ***** 8 = Humidity and IAQ (numeric) ***** 9 = Humidity and IAQ (text) *****		
P010	Setpoint concept	1	1 = Comfort concept; 2 = Energy saving concept		
P011	Comfort basic setpoint	21 °C (70 °F)	540 °C (41104 °F)		
P013	Comfort setpoint minimum	5 °C (41 °F)	(P010 = 1): 5 °C (41 °F)P016-1 K (P010 = 2): 5 °C (41 °F)P014-1 K		
P014	Comfort setpoint maximum heating	21 °C (70 °F)	P013+1 KP015-1 K		
P015	Comfort setpoint minimum cooling	25 °C (77 °F)	P014+1 KP016-1 K		
P016	Comfort setpoint maximum	35 °C (95 °F)	(P010 = 1): P013+1 K40 °C (104 °F) (P010 = 2): P015+1 K40 °C (104 °F)		
P017	Summer time	1	OFF; 1 = Europe; 2 = Australia; 3 = New Zealand		
P019	Economy heating setpoint	15 °C (59 °F)	(0), 5 °CP020 (41 °FP020) P020 = 40 °C max. (P020 = 104 °F max.)		
P020	Economy cooling setpoint	30 °C (86 °F)	(0), P01940 °C (P019104 °F) P019 = 5 °C min. (P019 = 41 °F min.)		
P023	Indoor air quality setpoint *****	1000 ppm	102000 ppm		
P024	Humidity setpoint high	50	(0), P026 or 2090 %		
P025	Humidity setpoint high ECO	OFF	(0), P02690 %, or 2090 %		
P026	Humidity setpoint low	OFF	(0), 2090 % or P024		
P027 ****	Electric heater when cooling	ON	ON = Enabled; OFF = Disabled		
			0 = Unlocked 1 = Auto lock ✓ means function locked 2 = Manual lock		

P028	Keypad	0	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		
P029	Fan: Dead zone Comfort mode	0	0 = Fan disable 1 = Low speed (Heat and Cool) 2 = Low speed (Cooling only) 3 = Fan disable Auto & Manual 4 = Low speed Auto & Manual 5 = Low speed Auto & Manual Cooling		
P030	Buzzer function	ON	ON = Enabled; OFF = Disabled		
P031	Language	1	1 = English; 2 = Francais (French) 3 = Deutsch (German); 4 = Italiano (Italian) 5 = Espanol (Spanish); 6 = Nederlands (Dutch) 7 = Turkce (Turkish); 8 = Cesky (Czech) 9 = Suomi (Finnish); 10 = Polski (Polish) 11 = Magyar (Hungarian); 12 = Slovenski (Slovak) 13 = (Limba) Romana (Romanian); 14 = Dansk (Danish) 15 = Norsk (Norwegian)		
P032	Room operating mode holidays	0	0 = Economy; 1 = Protection		

\*\*\* When no time schedule via KNX exists, Auto equals Comfort.

\*\*\*\*

\*\*\*\* Parameter P027 is displayed only for application 2-pipe with electric heater. \*\*\*\*\* These parameter values are valid for RDG204KN and RDG264KN. All temperature settings are in increments of 0.5 °C (except P006 of RDG204KN & RDG264KN is in 0.1 °C).

\* Remember to record all changes!

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A6V11545973_end	A5W00031435A-AD	2023-04-21	Siemens Smart Infrastructure