

# SAVE PAPER AND PRESERVE THE ENVIRONMENT

In order to protect the environment, we at Königshaus have switched to digital instruction manual. The QR code will take you directly and easily to your digital instruction manual and declaration of conformity. Scan the QR code with your mobile phone camera, and you will be redirected to the instruction manual. Please read the instruction manual carefully before use. Alternatively, you can view all current instruction manuals on our website at [www.koenighaus-heizsysteme.de/anleitungen](http://www.koenighaus-heizsysteme.de/anleitungen). Should you require a physical instruction manual, we will be happy to provide one for you.



**KÖNIGSHAUS**  
T H E R M O S T A T

# KÖNIGHAUS

## THERMOSTATS

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Enjoy your new Königshaus Smart Thermostat.

### Important information

- Do not operate if covered
- Do not plug in a row
- Only use this product in dry and covered areas
- Make sure that the product is not damaged and does not come into contact with water or other liquids

### Safety instructions and disclaimer

Never try to open the device to carry out repairs or modifications. Avoid contact with the mains voltage. Do not short-circuit the product. The device is not waterproof, please only use it in dry conditions. Protect the device from high humidity, water, and snow. Keep the device away from high temperatures. Do not expose the device to sudden temperature changes or strong vibrations as this could damage the electronic components. Check the device for damages before use. The device should not be used if it has received a shock or has been damaged in any other way. Please uphold the national regulations and restrictions.

Do not use the device for purposes other than the ones described in the instruction manual. The device is not a toy. Keep it out of reach of children or mentally impaired individuals. Any repairs or changes to the device that are not carried out by the original supplier will void the guarantee claims. The device may only be used by individuals who have read and understood these instructions. The device specifications are subject to change without prior notice.

### Disposal

In accordance with the European WEEE Directive, electrical and electronic devices may not be disposed of with the household waste. Their components have to be recycled or disposed of separately as toxic and dangerous components can cause lasting damage to the environment if disposed of incorrectly. As a consumer, you undertake to return electrical and electronic devices by the end of their service life to the manufacturer, the point of sale or to public collection points set up for this purpose, in accordance with the Electrical and Electronic Equipment Act (ElektroG). The details are regulated by the respective state law. The symbol on the product, the instruction manual, and/or the packaging, refers to these provisions. By exercising this type of material separation, usage, and recycling of old devices, you make an important contribution to the protection of our environment.

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### Funktionen

- Built-in temperature measurement sensor
- Keeps the temperature within the preset value with an accuracy of 0.5°C
- Child safety lock
- Weekly programming mode, can be programmed by the user
- Vacation mode
- Automatic mode with manual temperature control






### Product specifications

- Power: 240V 50HZ
- Amperage: 16A/2400W
- Temperature range: 5 - 35°C
- Size: 140x67x40 cm
- Probe sensor: NTC (10k) 1%
- Limit temperature range: 0 ~ 70°C
- Max. control accuracy: ±1°C

### Symbol description (Fig.1)

-  Manual mode (target temperature)
-  Automatic mode
-  Temporary manual mode
-  Child lock
-  Time
-  Vacation mode, public holidays, and temperature can be set to run in countdown mode
-  Six programmable symbols
-  Cooling mode is active when the target temperature is above room temperature
-  Error message
-  Heating mode is active when the target temperature is below room temperature
-  The open window detection turns off the heating during room ventilation when the room temperature drops.

### Tastenfunktionen (Abb.1)

NO.	symbols	Represent
1		Power ON/OFF
2		Short press to switch between manual and automatic control. Long press the button for 3 seconds and then release it to enter clock and timer setting mode.
3		Print to enter/confirm
4		increase button (up)
5		decrease button (down)
6	Indicator	Power LED is on – the heater power is on. Power LED is off – the heater power is off.

### Quick start guide

Insert the plug into the socket.

Press the power button once.

The display now shows the current room temperature and the required temperature. Select the required temperature by pressing the up and down buttons. With the child lock enabled, long press the down button for 3 seconds and then release it to unlock.

### Time settings

Long press **SET** for 3 seconds and then release it to enter the settings screen. The clock symbol flashes. Press **OK** to enter the time settings mode where minutes, hours, and day of the week appear. The minutes flash. Press **▲** or **▼** to set the value. Press **OK** to confirm and to switch to hour and day of the week. Press **▲** or **▼** to set their values. Press the **OK** button to save the time settings and return to the previous screen.

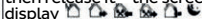

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### Timer settings

Long press **SET** for 3 seconds and then release it to enter the settings-screen. Press **SET** to select "ON" (until ON flashes) to set the timer switch-on time. Press **▲** or **▼** to set the value. Press **OK** to select "OFF" and set the timer switch-off time. Press **OK** to save. To cancel the timer function, press **▼** to set both the switch-on and switch-off times to 00:00.

### Timer settings

Mode	Explanation	Screen
Programmable Mode	<p>Long press <b>SET</b> for 3 seconds and then release it – the screen will display  (6 periods for each day of the week) and the days of the week "MON TUE WED THU FRI".</p> <p>The first period flashes – press <b>▲</b> or <b>▼</b> to set the temperature and then press <b>SET</b> to change the time setting. Press <b>SET</b> to jump to the next period and so on for all 6 periods for the days of the week. Now press <b>SET</b> to jump to the weekend programming with 2 periods for "SAT SUN" and set the temperatures and times in the same way as for the weekdays. Press <b>SET</b> once you're done. Please check the section on "Default periods and settings" for the standard values of the various time periods.</p>	

### Default time periods and settings

Period	Symbol	Standard time	Standard temperature
Weekdays	1	 06:00	20°C
	2	 08:00	15°C
	3	 11:30	15°C
	4	 12:30	15°C
	5	 17:30	20°C
	6	 22:00	15°C
Weekend	1	 08:00	20°C
	2	 23:00	15°C

### Temporary manual operation

While in programming mode, you can still adjust the temperature for the current period if necessary. If, for example, you are coming back from work an hour earlier (4:30 pm) than usual (5:30 pm) on a 4th day of the week (12:30 pm - 5:30 pm), you can press the Up/Down buttons to temporarily change the temperature (e.g. to 20°C). The thermostat will then keep the room temperature at 20°C until the next period (5:30 pm - 10:00 pm) when it returns to the usual program values.

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### Other functions and Factory Settings

This section shows how the thermostat settings can be adjusted for specific applications. This includes switching between heating and cooling mode, adjusting the temperature sensor (so that it matches another thermometer or baby monitor), changing the temperature difference to activate the heating (i.e. adjusting the frequency to turn on the heating), and other functions – see table below.

Long press ▲ for 3 seconds and then release it to enter the advanced settings mode, then press again SET to select the desired option. Press ▲ or ▼ to set the value. Press SET to save and to jump to the next option.

No	Display	Settings Option	Data Settings Function	Default Factory Settings
1	A1	Room ventilation function (the heating is off when the window is open)	5-25°C; 5-60min	Deactivated (–°C)
2	A2	Temperature difference to activate the heating element	1-9°C	2°C
3	A3	Temperature settings – maximum value	20-70°C	35°C
4	A4	Temperature settings – lowest value	1-10°C	5°C
5	A5	Temperature sensor calibration	±5°C	0.5°C Default calibration
6	A6	The freeze protection function switches the heating on if the temperature drops below 5°C	00: Freeze protection function OFF 01: Freeze protection function ON	00: Freeze protection function OFF
7	A7	Resuming operation after a power failure	1: Resuming operation after a power failure 0: Remains off after a power failure	1: Resuming operation after a power failure
8	A8	Operating mode	00: Cooling mode 01: Heating mode	01: Heating mode
9	A9	programmable or non-programmable	00: programmable 01: non-programmable	00: Programmable
10	A0	back to factory settings	88: do not reset to factory settings 00: back to factory settings	N/A

### Additional attachments

Thermostat display:

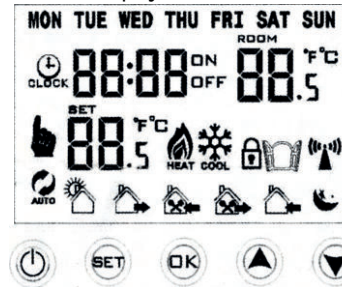


Fig.1