



KÖNIGHAUS
INFRAROT

SMART THERMOSTAT

Könighaus Smart Thermostat



Functions

- Sensor for temperature measurement
- Keeps the temperature with an accuracy of 0.5°C
- Child lock
- Weekly programming mode
- Automatic and manual mode
- Vacation mode
- Smart home control via app and WiFi
- Open window detection

Product specifications

- Size: 140x67x40mm
- WiFi compatibility: 2.4GHz and 4GHz cell phone hotspot
- Power: 230Vac 50/60
- Current: 16A/250V
- Limit temperature range: 0 ~ 70 °C
- Automatic frost protection: room temperature < 5 °C

Important notes

- Do not operate covered
- Do not plug in one after the other
- Use this product only in dry and covered areas
- Ensure that the product is not damaged and does not come into contact with water or other liquids.

Safety instructions and disclaimer

Never attempt to open the unit to make repairs or modifications. Avoid contact with the mains voltages. Do not short circuit the product. The device is not waterproof, please use it only in dry conditions. Protect it from high humidity, water and snow. Keep the device away from high temperature. Do not expose the device to sudden temperature changes or strong vibrations, as this could damage the electronic parts.

Check the device for damage before use. The device should not be used if it has been bumped or damaged in any way. Please observe the national regulations and restrictions. Do not use the device for purposes other than those described in the instructions. This product is not a toy. Keep it out of reach of children or mentally impaired persons. Any repair or modification to the device not carried out by the original supplier will void the warranty claims. The device may only be used by persons who have read and understood this manual. The instrument specifications are subject to change without prior special notice.

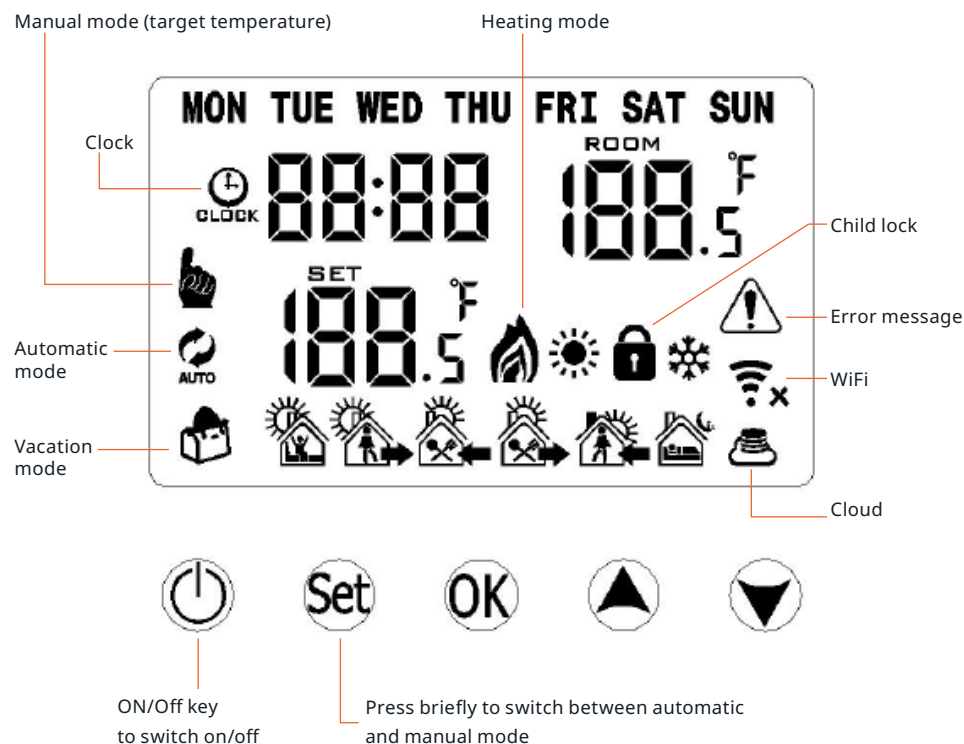
Disposal

According to the European WEEE directive, electrical and electronic devices must not be disposed of with household waste. Their components must be recycled or disposed of separately, because toxic and hazardous components can cause lasting damage to the environment if disposed of improperly. You are as a consumer:in required by the Electrical and Electronic Equipment Act (ElektroG) to return electrical and electronic equipment devices at the end of their service life to the manufacturer, the point of sale or to public collection points set up for this purpose free of charge. Details are governed by the respective state law. The symbol on the product, the operating instructions or/and the packaging indicates refers to these regulations. By separating, recycling and disposing of old appliances in this and disposal of old equipment, you are making an important contribution to protecting our environment.

Könighaus Smart Thermostat

Advice!
For the configuration use the app on your smartphone.

Symbols description



Factory setting

- Switch off the thermostat in the plugged-in state. Press **SET** and hold until **A1** appears.
- Press **SET** several times until **AC** appears and hold **OK** for a long time.

Attention: Thermostats purchased before summer 2022 will be reset by the menu item **AB**.

Set time and day of the week

- Press the **OK** key and set the **minutes** with the **▲** **▼** keys.
- Press **OK** to confirm and use the keys **▲** **▼** to set the hour.
- Confirm again with **OK** to adjust the day of the week with **▲** **▼**.
- Confirm again with **OK** to save the settings.

Shortcuts

Child lock

- Long press **▼** to lock/unlock.



Vacation mode

- Long press **OK** to enter vacation mode.
- Change **OFF** to **ON** and use **▲** **▼** to set the duration of your absence and the temperature. Then confirm with **OK**.




Antifreeze protection

- Switch off the thermostat while it is plugged in. Press and hold **SET**, until **A4** appears.
- Press several times until **AC** appears and keep **OK** pressed for a long time.

Könighaus Smart Thermostat


Use **SET** to switch between manual mode  and automatic mode . The corresponding icon will appear at the bottom left of the display.

Manual mode

- The manual mode  makes it possible to quickly and easily set the desired room temperature.
- The current room temperature is displayed at the top right of the screen.
- Use the   buttons to set the target temperature. This is displayed at the bottom left of the screen. **Further confirmation is not necessary.**



Note: After the target temperature is reached, the thermostat will turn off the heating automatically. Heating is only turned on when the temperature has dropped by 0.5 degrees. The better the isolation, the longer the temperature is maintained.

Automatic mode

- The automatic mode  enables you to create an individual heating profile for a full week. Here a distinction is made between working days and the weekend ('5+2'). The once set times and temperatures are then repeated constantly.




Attention: Directly on the thermostat the working days are always programmed the same. It is not possible, for example, to program only Tuesday afternoon differently.

The following procedure allows you to programme the six periods for the day in question.

Hold down the **SET** button to enter programming mode. As soon as the days of the week appear at the top, use the   buttons to select the desired day and confirm your selection with the **SET** button. **ON** (switch-on time) will then flash.

Press **SET** again to set the time. Repeat this procedure for **OFF** (switch-off time) as soon as the display flashes. Then press the **SET** button again until the target temperature flashes to set it. As soon as you press **SET** again, **P2** is displayed on the right. This takes you to the next period, which you can then set. This procedure is repeated accordingly for all remaining periods (**P1-P6**).

Period	P1 Wake-up	P2 Away	P3 At home	P4 Away	P5 At home	P6 Sleep
Time	06:00 – 08:00	08:00 – 11:30	11:30 – 13:30	13:30 – 17:00	17:00 – 22:00	22:00 – 24:00
Temperature	20°C	15°C	15°C	15°C	15°C	15°C



- The days of the week for which the current programming is valid, now appears at the top of the display. By shortly pressing **SET** and using the   buttons, you can adjust the times and the temperatures as desired. **Be careful not to use the  key.**

Attention: In the system settings you can also activate the following heating profiles.

Digit 0 means: **5+2** > Monday – Friday + Saturday and Sunday (default)

Digit 1 means: **6+1** > Monday – Saturday + Sunday

Digit 2 means: **7** > Monday – Saturday

- For these settings, turn off the thermostat but keep the electricity on. Then press **SET** and hold the key until **A1** appears in the display. Then press the **SET** key repeatedly until **A8** appears. Use the arrow keys   to set the number **0**, **1** or **2**. Then wait a few seconds. **The thermostat switches off automatically and saves the new setting.**

Advice!
Detailed settings
are possible with the
Könighaus-App. There
you can also adjust
individual workdays
when needed.

Könighaus Smart Thermostat

Programming mode (extended)

- When switched off, press **SET** for 3-5 seconds to access the advanced settings. The setting selection A1 to AB appears on the display.
- Press briefly **OK** to select the option **SET**. Adjust the data with **▲** **▼** buttons and then press **SET** to switch to the next option.
- Wait approx. 5 seconds to finalise the settings.

Display	Setup project	Parameter setting function	Factory setting
A1	Calibrating the room temperature	10,05–28,5°C	-1
A2	Control temperature difference. (difference between room temperature and target temperature)	0.5–2.5°C	1
A3	Factory set Child safety lock	0: Half lock; 1: Full lock	0
A4	Limit value of the low temperature for external sensor	1-10°C, if the setting is set to 10°C, the following appears when the symbol (--) appears again when the button ▲ is pressed. The low temperature protection has been deactivated.	5
A5	Setting the minimum temperature limit	1~10°C	5
A6	Setting the maximum temperature limit	20~70°C	35



A7	Switch on/off status	<p>0: The device is in the on/off state before it is switched off and returns to this state when it is switched on again.</p> <p>1: When the device is switched on, it starts in the shutdown state. All functions are deactivated or inactive here.</p> <p>2: After switching on, the device is in normal operating mode, in the Power On state, in which it is fully functional.</p>	0
A8	Programme selection (automatic mode)	<p>0: 5+2</p> <p>1: 6+1</p> <p>2: 7</p>	0
A9	Setting the heating and cooling function (cooling function not available for infrared heating)	<p>0: Cooling function</p> <p>1: Heating function</p>	1
AA	Trigger temperature of the open window function	If the temperature is 5~25°C and the setting is set to 10°C, pressing ▼ the symbol (--) is displayed. The window opening ventilation function is activated.	--
AB	Duration open Window function	5–60 minutes	15
AC	Return factory settings	Press the OK button until all symbols are displayed and the device switches off.	N/A

Könighaus Smart Thermostat

Installing the app on your smartphone

In the Google Play Store or Apple App Store, download the **'Könighaus Smart Home'** App and register your account.

Connect the app with the thermostat

- Open the app and press the '+' icon on the top right.
- Press **'Add device'** and then select the **'Könighaus Smart'** thermostat in the section **'Könighaus'**.
- Enter your Wi-Fi data and password. Make sure to write the password correctly. There is no verification of the data.
- Put your device into pairing mode. Press and hold **SET** and **OK** at the same time, until the  and  icons (bottom right) start flashing on the display.

If only one icon appears, or the icons do not blink, press and hold **SET and **OK** again.**

Advice!
The thermostat supports only a 2.4GHz frequency of the router. Be sure to turn off the 5 GHz frequency for the connection period.



- Now follow the instructions in the APP. The device is activated now and is displayed under **'all devices'**.

Our customer service

Whether you need advice for the optimal room equipment with infrared heaters or you have questions about the thermostat – our friendly customer service is there for you.

We distinguish ourselves through personal support, fast response times and open communication.

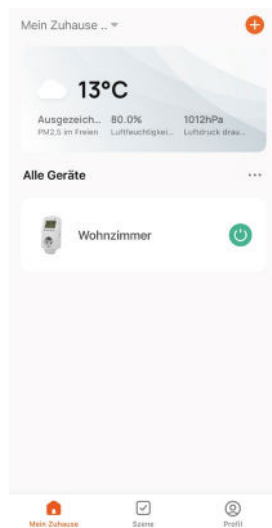
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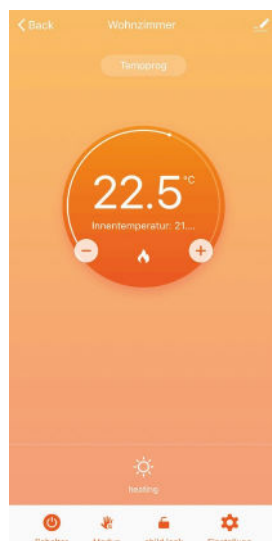
Könighaus Smart Thermostat

Quick start



After you have successfully connected your Smart Thermostat with the Könighaus app, you can control your heating system comfortably from on the road, from the sofa or anywhere else.

To do so, select the matching Smart Thermostat under 'All devices' (e.g. 'Living room').



Set your desired temperature by **+** and **-**. The current room temperature is displayed below.

Switch: Turn the heater **ON** or **OFF**.

Mode: Select between manual mode, automatic mode and vacation mode.

Child lock: Enable or disable the child lock.

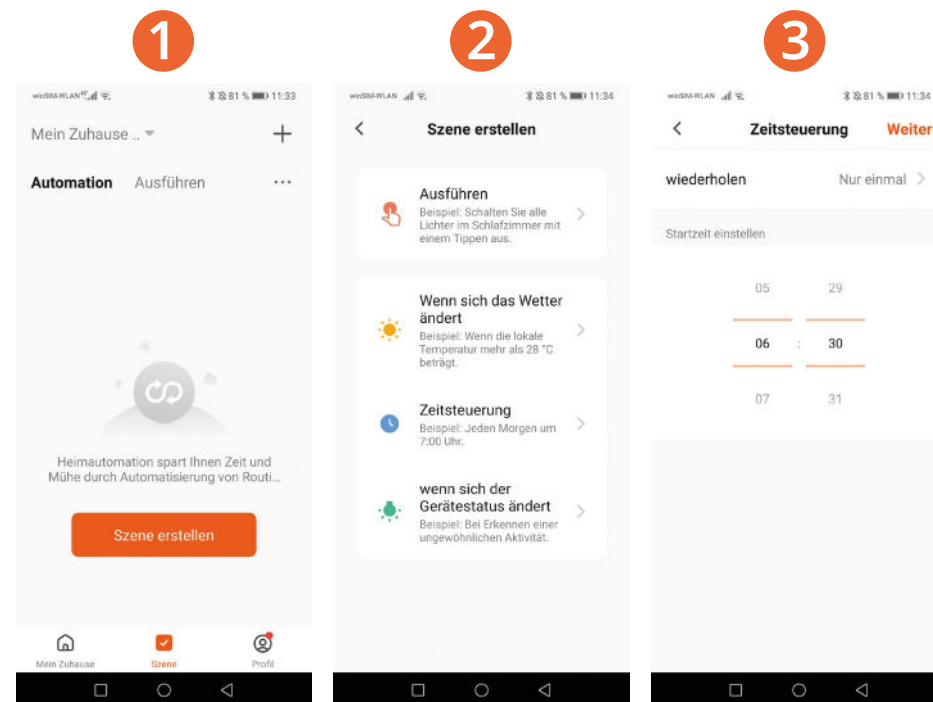
Setting: Opens the advanced settings. Here you can activate the 'open window function', set the frost protection temperature, adjust the high and low temperature and set the weekly program.

The password for changes is '123456'.

How do I create a smart scenario?

The smart scenarios offer individual customization options. Here, first a condition is defined ('when 6:30 a.m.') and then a condition is determined ('then heating living room ON').

We will show you how to create a smart scenario with this example.



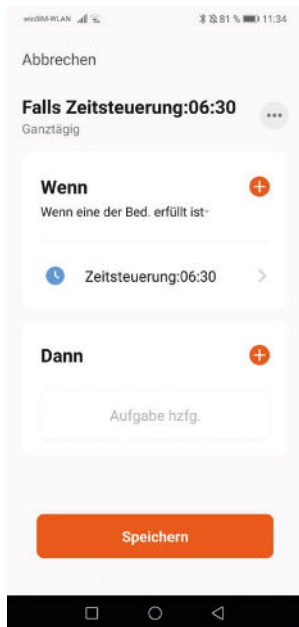
Click in the menu on 'Create Scene'.

Choose a premise (in the example: time control).

Set the time (in the example: 6.30 am).

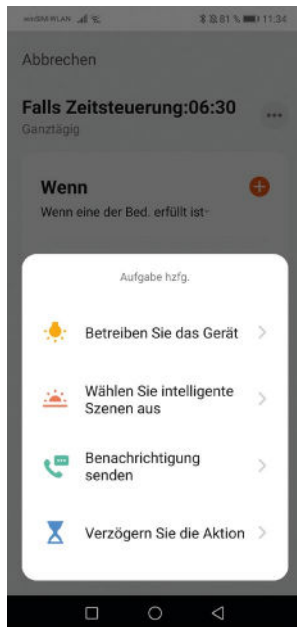
Könighaus Smart Thermostat

4



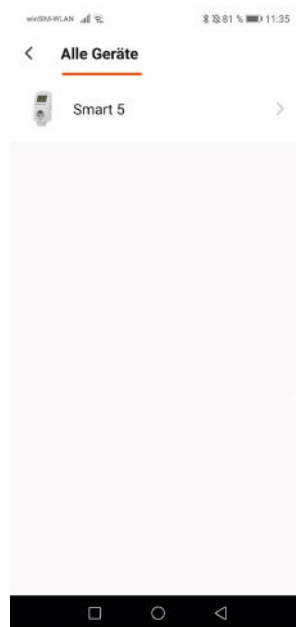
Click on the orange + behind the word 'Then'.

5



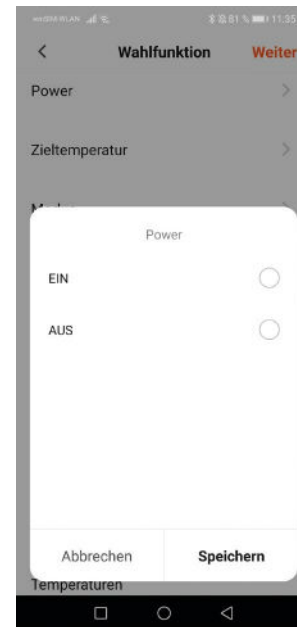
Click on 'Operate the device'.

6



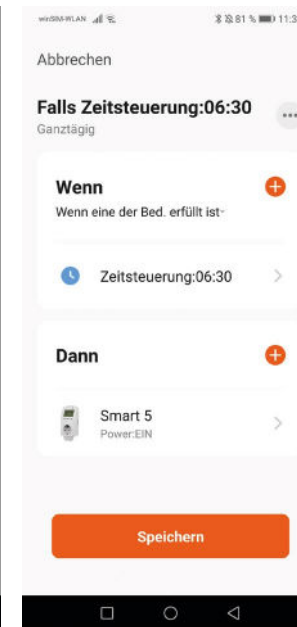
Select the desired device.

7



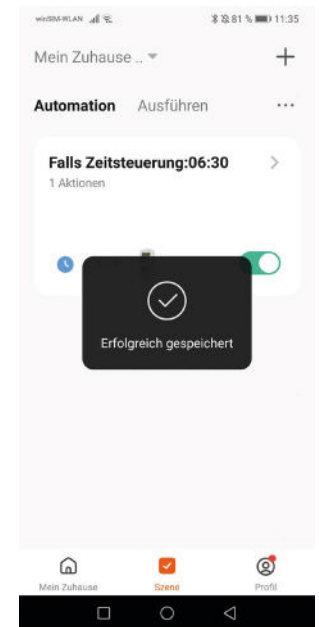
Set the status (in the example: 'ON').

8



Save the settings.

9



The settings are saved successfully.

Did you already know?

The QR code takes you directly and easily to the digital instructions for use of our infrared heaters and thermostats. This way we save valuable resources and protect our environment.

Before using the products, we ask you to read the operating instructions carefully.

Alternatively, you can visit www.koenighaus-infrarot.de/anleitungen to view all current operating instructions of our products.



Scan me!

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