K6H WIFI THERMOSTAT USER GUIDE

Welcome

Thank you for your trust and support.

We use higher-end technology and more perfect craftsmanship to make your new thermostat provide you with a suitable temperature environment every day in the future, making your life more satisfying and your living environment more fashionable and beautiful.
For detailed instructions on installing and using this thermostat, please read this manual carefully.
Please contact a professional to install this thermostat for you and use this product within the scope of the law.

Application

This intelligent digital thermostat is a floor heating system suitable for room temperature control and household temperature control. It controls the operation status of floor heating equipment by comparing the ambient temperature and the set temperature, and improves comfort while achieving the purpose of energy saving.
This digital thermostat adopts microcomputer control technology, full-screen display touch buttons, elegant design, easy to use, with manual, automatic, programmable, and state memory functions.

Technical Data

1. Temperature Sensor: NTC
2. Temperature Accuracy: ± 1℃
3. Display: LCD
4. Working Environment: -5 ~ 50 ° C
5. Power Consumption: <1W
6. Temperature Setting: 5 ~ 60 ° C
7. Display Range: 0 ~ 50 ° C
8. Input Voltage: AC 90-240V
9. Load Current: plumbing 3A (resistive), electric heating 16A

Product Model

K6RH3A Plumbing Linkage
K6H16A Electric Heating

Product Packaging

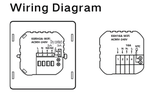
Thermostat Main Unit ----1PCS
Compliance Certificate -- 1PCS
Sensing Cable (optional) --1PCS
Instruction Manual -- 1PCS
Screw ---------- 2PCS

User Notice

1. Please read this manual carefully. Improper operation may damage the product or cause a dangerous situation.
2. The installation staff must be a well-trained and experienced service technician.
3. After the installation is complete, please read this manual carefully and operate the product according to this user guide.

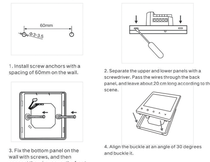
CAUTION: Risk of electric shock or equipment damage.

Wiring Diagram



Installation Steps

This product is installed with standard 86 control switch (complies with EU regulations)



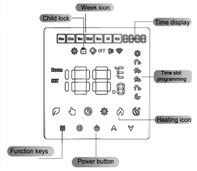
1. Install screw anchors with a spacing of 60mm on the wall.

2. Separate the upper and lower panels with a screwdriver. Pass the wires through the back panel, and leave about 20 cm long according to the scene.

3. Fix the bottom panel on the wall with screws, and then connect the wire, cover the front panel on the bottom panel.

4. Align the buckle at an angle of 30 degrees and buckle it.

Description of Display & Icon



Operation Guide

1. Power on/off: Press ⏻ key to turn on/off the thermostat
2. Press ⊞ key to switch between manual and automatic modes.
3. In automatic mode, press ∧ key or ∨ key to enter automatic temporary mode, which only runs for several minutes.
4. Press ◷ key to enter the clock setting, and press ∧∨ keys to adjust the value of each parameter.
Note: WiFi model will automatically obtain the Internet time.
5. Child Lock: Press ∧ and ∨ key simultaneously and hold in power on to enable or disable.
6. Press ⚙ and ∨ key simultaneously and hold in power off to disconnect WiFi.
7. Press ⊞ and ∨ key simultaneously and hold in power off to enter the advanced option setting.
8. Long Press ◷ key to enter the regular setting, and press ∧∨ keys to adjust the value of each parameter.
9. In the shutdown state, the clock button is pressed for a long time to start the machine at a fixed time. Long time clock key for timed shutdown in power on state
1. ⚙ Mode Description
2. ⌂ + ▦ floor heating manual mode
3. ◷ + ▦ floor heating automatic mode

Period Programming Instructions

In the power-off state, long press key ⊞ + ◷ key, then press ⊞ key to switch options, press ∧ key or ∨ key to adjust the parameters, and press ⏻ key to exit with saving.

No.	Option	Icon	Time	Adjust Tim	Default	Adjust Temperature
	workday	1	06:00		22℃	
		2	08:00		22℃	
		3	11:30		22℃	
		4	12:30		22℃	
		5	17:00		22℃	
		6	22:00		22℃	
	off day	1	08:00		22℃	
		2	23:00		22℃	

Advanced Option Settings

In the power-off state, press ⊞ key and ∨ key simultaneously for 5 seconds to enter advanced option setting.
Press ⊞ key to enter the next option, press ∧ key and ∨ key to adjust, and press ⏻ key to exit advanced option.

No.	Advanced Option Name	Default	Range
1	Temperature Adjustment	-2℃	-9~9℃
2	NTC Select	IN	0 : IN 1 :OUT 2:ALL
3	High Temperature Protection	60℃	5~60℃
4	Temperature Tolerance	0.5℃	0.5~5℃
5	Low Temperature Protection	On	0: On 1: Off
6	Weekly Programming	5+2	0:Off 1:5+2 2:6 3:7
7	Maximum Temperature	40℃	30~90℃
8	Minimum Temperature	10℃	5~20℃
9	Restore Factory Defaut	--	---
10	Backlight Brightness	01	01-08
11	Voice Room Settings	1	1 : 2 : 3 : 4 : 5 : 6
12	Key LED Brightness	07	01-08
13	Keep-warm mode Squence adjustment	18	5-60

WIFI and Bluetooth

Before using the WiFi thermostat for the first time, you must set up the WiFi signal and configuration via your smartphone or tablet, which will allow communication between your connected devices.

Bluetooth connection: please turn on the bluetooth of your smartphone.

1. APP download

Search "Tuya Smart" in application markets or scan the following QR code to download

2. Sign Up

If you don't have the APP account, you can choose to register or log in via SMS verification code. Click "Create New Account", you will enter the Tuya Smart Platform Privacy Policy page, click Agree, and formally enter the registration page of the phone number.

The system automatically determines the current country/region, or you can manually select the country/region, enter your mobile phone number or email address, and click "Get Verification Code". Enter the received verification code, then enter the password, and click "Finish" to complete registration.

(WiFi connection) When the thermostat is power on, enable bluetooth and open Tuya APP on the mobile phone, Click Add Device to search thermostat. Select the device and click Add, then WIFI icon will be displayed on the thermostat.

Find the thermostat product (Bluetooth + WIFI model) in the (small home appliances) device list, in the specified network distribution mode, click the confirmation button on the page, select the WIFI in the working area of the device that can be connected to the Internet and enter the WIF (password, click Next Step 1: According to the prompt on the page (Figure 2), click "Connect" and follow the instructions to find the prompt content (Figure 3), click "Prompt content", and then return to Tuya APP to enter the network distribution process.

3. Add Devices

1: (Bluetooth connection) Turn on the Bluetooth of your smartphone, keep your thermostat turned on, enter the Tuya APP on the smartphone, click "Add Device" or "+" in the upper right corner of the APP homepage, and enter the "Add Device" interface. It will prompt: If you find a device to be added, just follow the prompts.

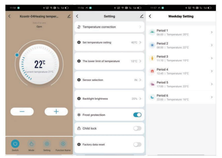
2: "Auto Discovery" to search for devices, just follow the prompts on the phone to add devices.

If the network configuration fails, the APP will display the page as shown below, you can choose to add it again or view the help.

Note: If the connection fails, please confirm whether the thermostat has entered the pairing state.

If you choose default mode to configure the network, the process is as shown in Figure 1 below, and the netwo·k configuration successfully displays the interface shown in Figure 2. The device whose network is successfully configured can change its name or chooos its room location .

4.Thermostat APP interface display



FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,
which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.
To maintain compliance with FCC’ s RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.