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Intelligence
Inside

Smart Control Panel

Product Manual

KCP-TH4

KEPLER electronics

KE

Preparation before use

1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check the rathings given in the instructions and on the product to make sure the product is suitable for your application.
3. Installer must be a trained, experienced service technician.
4. The main power switch must be cut off before installing or disassembling this product to prevent electric shock.
5. This product needs to be kept away from fire and water sources during installation and use.
6. This product cannot be used in humid environments (such as bathrooms).
7. The product needs to be installed in an outlet box or cassette that meets the standards of related countries.
8. After installation is complete, check out product operation as provided in these instructions.

About control panel

The **Control panel** is directly compatible with central air conditioning fan coil systems for smart temperature control. Before installation, please verify your equipment. If you are using a different type of temperature control device, please select the appropriate switch model.
The **Control panel** offers features such as gateway functionality, temperature control, interactive functions, and a scene panel.

Front Screen

Sener

System upgrade interface (reserved by engineers)

11.5mm

86mm

86mm

Product specifications

Product name	Smart Control Panel
Screen size	4 inches
Input	95 ~240 VAC, 50/60Hz
Wireless protocol	Wi-Fi,Bluetooth,Zigbee
Ambient Temp.	-5℃-45℃
Ambient Humidity	5 ~ 95 % RH (Non Condensing)
Product size	86×86×11.5mm(without base) including base: 86×86×44.5mm

Wireless For EU Type	Frequency	Max. Power
Wi-Fi	2400-2483.5MHz	20 dBm
Bluetooth	2400-2483.5MHz	10 dBm
Zigbee	2400-2483.5MHz	12 dBm

RISK OF FIRE
Install only in concrete
### or other non-combustible wall

Wiring

This version is equipped with a European standard base, supports fan coil thermostat function, can be adapted to 2-pipe, 4-pipe, 0-10v DC output fan coil thermostat function, optional 485, the specific wiring method is as follows

2-pipe, 4-pipe

0-10V

AC220V-N
AC220V-L
High
Med
Low
Valve1
Valve2
485-
485+

AC220V-N
AC220V-L
PHigh
Med
Low
0-10V
GND
0-10V
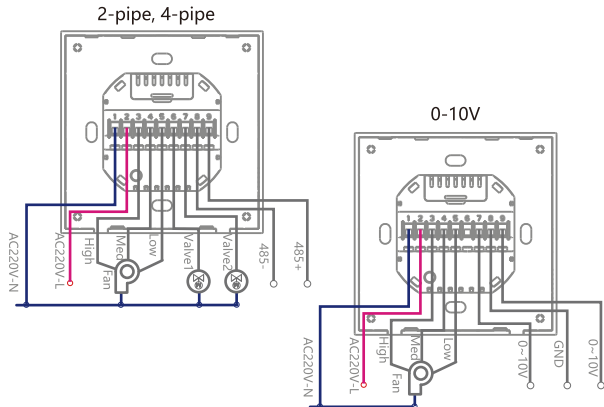
1.The distribution box must be plastic and non-hygroscopic material, with a minimum fire-resistance rating of 5V.
2.There should be no other metal conductive objects in the distribution box.
3.The distance between the opening of the product body and the opening of the junction box should be at least 1 cm.
4.This product is powered by the neutral wire,please arrange the neutral wire in advance.

Installation instructions

● Check the wiring to make sure that the copper wire is in good contact with the terminal and there is no exposed wire.

● Use the correct type of screws, countersunk screws for Asia-Pacificregion, panhead screws for Europe region, to fix the base to thecassette, and then buckle back the panel.

● Please note that the screws should not be tightened too tightly during the installation process to avoid deformation or damage tothe screen or hardware.

● If you encounter any problem with the installation, do not press toohard to force the installation. You should level the wall first and check the bracket.

Countersunk screws for Asia-Pacific region

Panhead screws for Europe region

Wall

Cassette
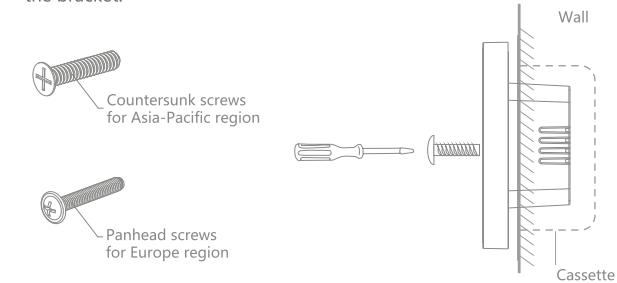
Operating Instructions

1.Download and open the app
① Search for "Smartlife" in Apple Store or Google Play （ Fig 2.1 ）or scan the QR code on the instructions to download and nstall the App(Fig 2.2).

Download on the App Store
GET IT ON Google Play

Fig 2.1

Fig 2.2 IOS/Android

② For the first-time use, please click the "Register "button to register an account; If you already have an account, click the "Login" button.

For first-time use of this thermostat, ensure that the wiring is correctly installed. Once confirmed, turn on the power switch. The screen will light up and guide you through the initial setup process.

2. After entering the welcome interface, tap the screen to select your preferred language (Chinese and English are available). Then, connect and configure your network settings (only supports **2.4GHz** network).

Hello

Language
English
简体中文

Select network

Fig 1.1

Fig 1.2

Fig 1.3

3. Connection Settings
Turn on your phone's Bluetooth and Wi-Fi, then open the app.
Scan the QR code on the device to configure the network (Fig. 2.3-2.4).
After successful commissioning, follow the on-screen instructions to complete the setup.
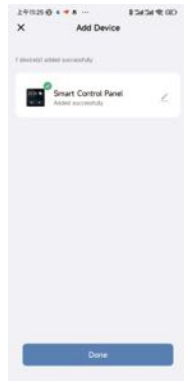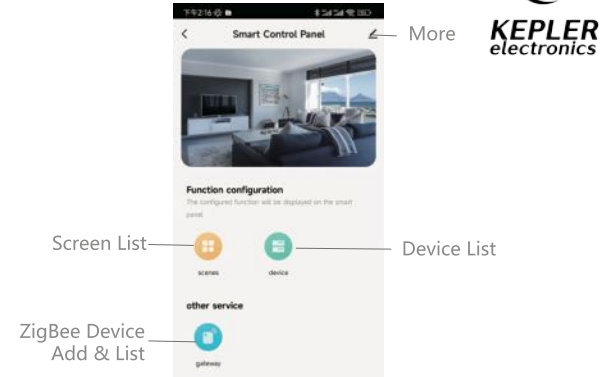
Fig 2.3

Fig 2.4

Add Device
Smart Control Panel

Fig 2.5

After the smart control panel is installed, click "OK" to enter the operation interface (see Fig. 2.5).

Smart control panel APP interface

Smart Control Panel

More

Function configuration

Screen List

Device List

other service

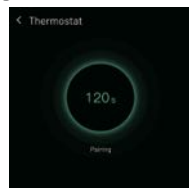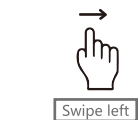ZigBee Device Add & List

gateway

The smart control panel supports linked control of multiple categories and quantities of Tuya smart devices.
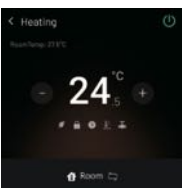
1. ZigBee Device Addition
The smart control panel has a built-in ZigBee gateway function, allowing you to add ZigBee-compatible smart devices.
For example： when using the device for the first time, you need to add the local thermostat. Swipe left on the main screen to enter the configuration page, tap the pairing icon, and open the phone app. Follow the on-screen instructions to complete the setup, as shown in the figure below (Fig3.1-3.4).

Thermostat

Heating
120s
24

Swipe left

Swipe Left to 2nd (local thermostat)

Added successfully

Function configuration
gateway
other service

Please make sure the child devices are already in distribution network model...

Search device
1 device(s) have been successfully added

Fig 3.1

Smart Control Panel
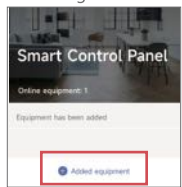Online equipment

Fig 3.2
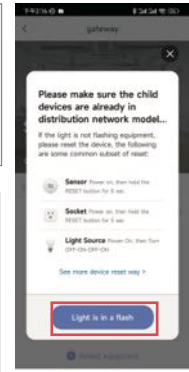
Fig 3.3

Fig 3.4

2. Wi-Fi Device Addition

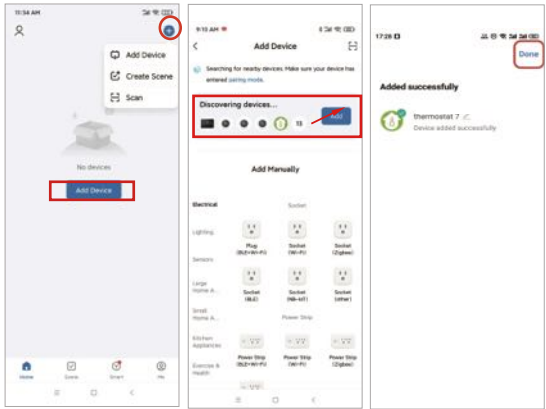The steps to add Wi-Fi enabled smart devices are shown in the figures below (Fig. 4.1-4.3).

| Fig 4.1 | Fig 4.2 | Fig 4.3 |

3.Scene Creation and Execution

The application scenario needs to be created in the Smart Life app. Enter the app's homepage, select the "**Scene**" function, then click **Create Scene → Launch Tap-to-Run** (Fig. 5.1-5.3).
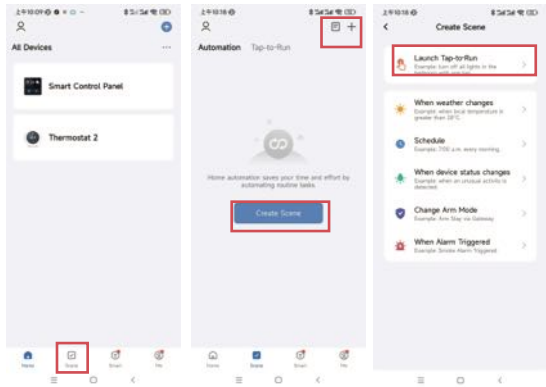

| Fig 5.1 | Fig 5.2 | Fig 5.3 |

After completing the above steps, select the option to **Control a Single Device → Choose the controlled device → Perform the control operation** (the available operations on this interface may vary depending on the smart control product). Save the settings to create the scene (Fig. 5.4-5.9).
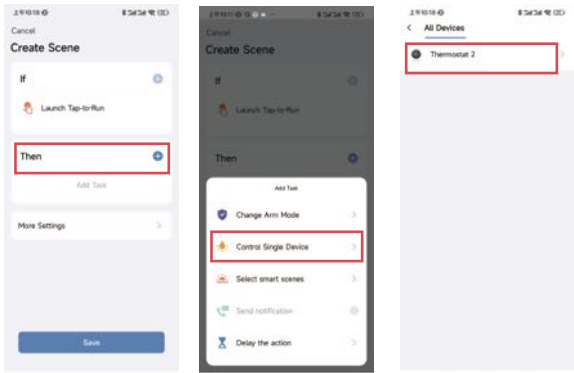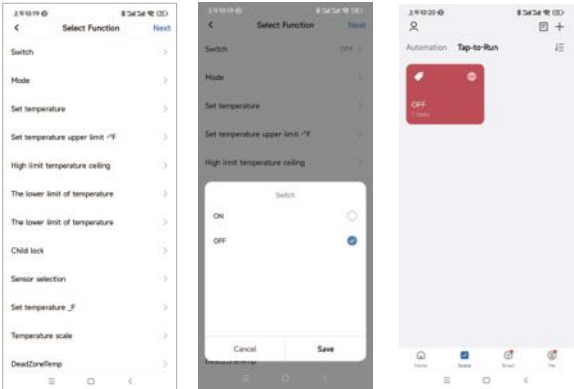

| Fig 5.4 | Fig 5.5 | Fig 5.6 |

| Fig 5.7 | Fig 5.8 | Fig 5.9 |

The scenes created in the app and the smart devices added can be viewed in detail on the app interface. Successfully added content can be synchronized to the host device (Fig 5.10-5.12)
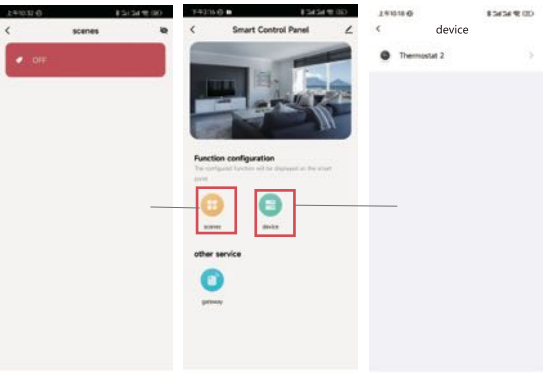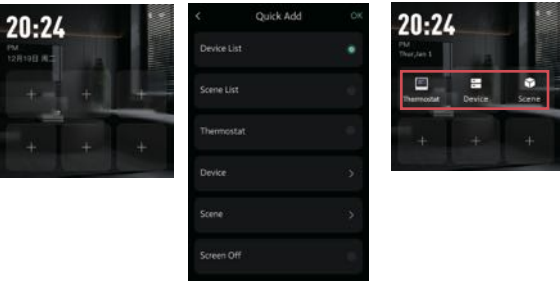

| Fig 5.10 | Fig 5.11 | Fig 5.12 |

Features Overview:

Quickly add by selecting Add at the bottom of the homepage. Click on it and choose to add multiple modules.


Home Screen Swipe Options

1. In addition to swiping left to access the local thermostat on the sub-screen, swiping continuously to the right will take you to the device list and scene list, as shown below.

Swipe right

Swipe Right to 2nd (local thermostat)(device list)

Swipe Right to 3nd (scene list)
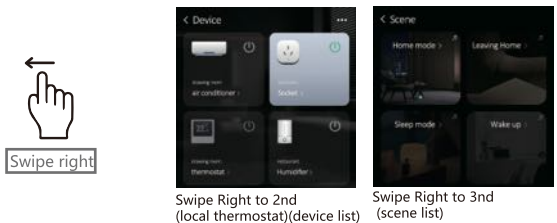
Successfully synchronized scenes and devices from the mobile app will be displayed here. (If they are not displayed, please click the sync icon.).

2. Slide down on the device to access the drop-down function key menu.

Swipe down

Home
Data synchronization
Quick Management
Setting
One-click screen off
Volume
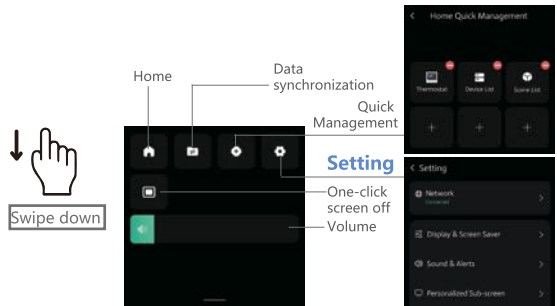
Settings Page

The settings page includes **network , Display & Screen saver, Sound & Alerts, Personalized sub-screen, Thermostat, Gateway, System**, and **About** settings.

Network

Sound and prompts

Display & screen saver

Personalized sub-screen

Gateway
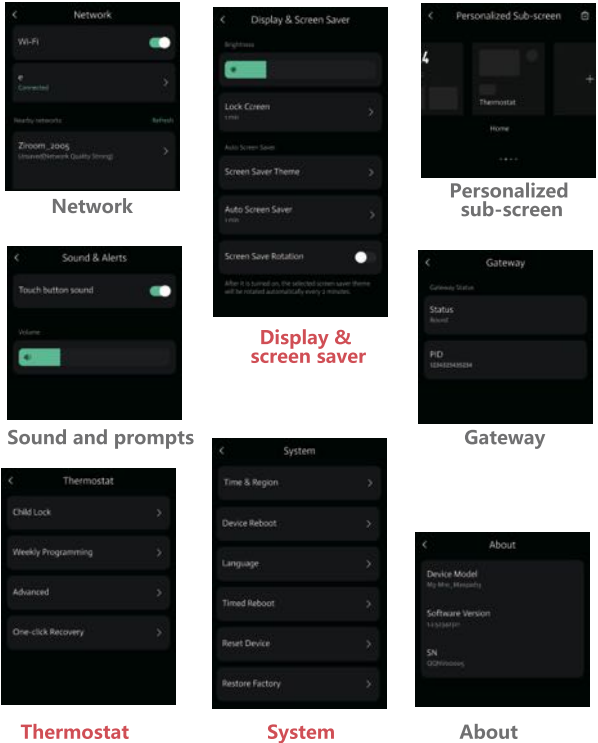
Thermostat

System

About
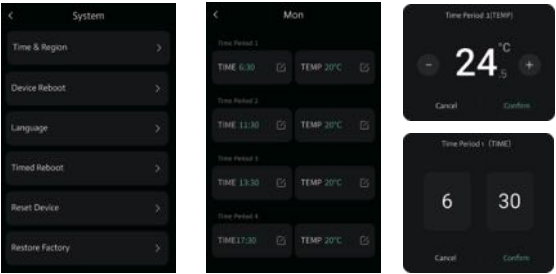
Display & screen saver setting

In Display & screen saver setting, you can modify the screen brightness, screen off time, screen wallpaper, etc.
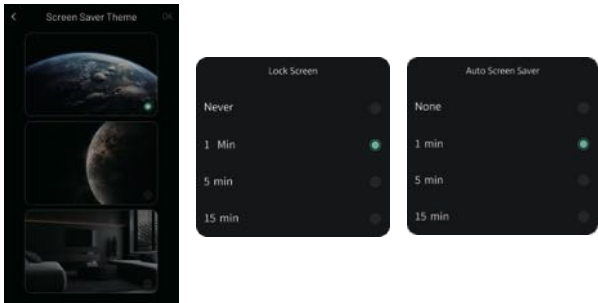
Thermostat setting

Thermostat settings include **Child lock, Weekly programming, Advanced options**, and **One-click recovery**.

Weekly Programming setting

Default settings for program schedule

Time display	MON.		TUE.		WED.		THU.		FRI.		SAT.		SUN.	
	TIME	TEMP	TIME	TEMP	TIME	TEMP	TIME	TEMP	TIME	TEMP	TIME	TEMP	TIME	TEMP
Period 1	6:00	20	6:00	20	6:00	20	6:00	20	6:00	20	6:00	20	6:00	20
Period 2	11:30	20	11:30	20	11:30	20	11:30	20	11:30	20	12:00	20	12:30	20
Period 3	13:30	20	13:30	20	13:30	20	13:30	20	13:30	20	14:30	20	14:30	20
Period 4	17:30	20	17:30	20	17:30	20	17:30	20	17:30	20	17:30	20	18:30	20

Advanced

Function	Setting and options	Default
Temp Display	Celsius / Fahrenheit	Celsius
Pipe Selection	2 Pipes / 4 Pipes	4 Pipes
Temp Compensation	-9 to 9 ℃	-3℃
Deadzone Temp.	0-5℃	1℃
Temp Limit	Min Temp :5-15℃ Max Temp :35-45℃	Min 5℃ Max 35℃
Energy Saving	CLOSE / OPEN (Energy Saving Temp : 0-30℃)	CLOSE

System setting

The system settings menu interface includes 6 setting options:
Time & Region, Device Reboo, Language, Timed Reboot, Reset Device, Restore Factory.
You can select the option you wish to configure, enter it, and make the necessary modifications

Service

Your thermostat carries an 24 months warranty from date of purchase.
Service out with the warranty period may incur a charge.
More detail please contact with us directly.

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