

ZYWUOY 4013

ZYWUOY Tuya Smart Thermostat (Model 4013) User Manual

Brand: ZYWUOY | Model: 4013

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ZYWUOY Tuya Smart Thermostat, Model 4013. This device is designed to control gas/boiler and radiator heating systems, offering both local and remote control capabilities for efficient temperature management.

Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. PRODUCT FEATURES

- **WiFi Connectivity:** Connects to your home network for remote control via the Smart Life app.
- **RF Wireless Connection:** The thermostat communicates wirelessly with the receiver for stable signal transmission.
- **Dual Temperature Display:** VA color screen shows both current room temperature and set temperature. When connected to the internet, local weather conditions and outdoor humidity can be observed.
- **Energy Saving:** Supports individual zone heating control and programmable schedules to optimize energy consumption by up to 30%.
- **Voice Control:** Compatible with Amazon Alexa and Google Home for convenient voice commands.
- **Remote App Control:** Manage your heating system from anywhere using the Smart Life mobile application.
- **Flexible Installation:** The receiver mounts near the heating unit, while the thermostat can be placed on a tabletop or wall-mounted.
- **Dual Power Supply:** Thermostat can be powered by 2x AA batteries or via USB (Type-C).
- **Temperature Accuracy:** Internal sensor detects ambient temperature with 0.5°C precision.
- **Weekly Programmable:** Supports different temperature settings with 6 time modes per day.
- **Manual/Automatic Mode:** Allows selection between manual temperature control or automated programming.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x Smart Thermostat Display Unit
- 1x Receiver Unit
- 1x USB Cable (Type-C)
- 1x Screw Pack for mounting
- 1x User Manual (this document)
- *Note: 2x AA 1.5V alkaline batteries are not included.*



Image: Contents of the product package, showing the thermostat display unit, the receiver unit, a USB-C cable, and a small bag of mounting screws.

4. SPECIFICATIONS

Parameter	Value
Protection Class / Housing Material	IP20 / Flame Retardant PC
Thermostat Power Supply	2x AA 1.5V batteries, USB (Type-C DC5V), or AC230V 50/60Hz
Receiver Power Input	AC95-240V 50/60Hz
Load Current	3A
Temperature Accuracy	0.5°C
Temperature Setting Range	5-95°C
Operation Method	Push Button
Product Dimensions (Thermostat)	118 x 86 x 23 mm (L x W x H)
Wireless Transmission Distance	100m in open space (RF 433MHz)
Connectivity Technology	Wi-Fi, RF 433MHz

5. SETUP

5.1 Powering the Thermostat Display Unit

The thermostat display unit can be powered by two methods:

- **Battery Power:** Insert 2x AA 1.5V alkaline batteries into the battery compartment. Note that the display may not remain constantly on when using battery power to conserve energy.
- **USB Power:** Connect the provided USB Type-C cable to the thermostat and a 5V USB power adapter (not included).

Two Power Supply Methods

USB/battery power supply

USB supply



battery power supply



can not keep display always on
when power supply by batteries

Image: Illustration of the two power supply methods for the thermostat: USB cable connection and battery insertion (2x AA batteries).

5.2 Receiver Installation (Wiring)

The receiver unit is typically mounted near your heating system (boiler, radiator, etc.). Professional installation is recommended for wiring. Ensure power is turned off before proceeding with any wiring.

1. Turn off the main power supply to your heating system at the circuit breaker.
2. Mount the receiver unit in a suitable location near the heating appliance.
3. Connect the neutral wire (blue) and live wire (red) from your power supply to the corresponding terminals on the receiver.
4. Connect the control wires from the receiver to your boiler or heating system as per the wiring diagram provided with your heating appliance. The receiver acts as a switch for the heating system.
5. Once wiring is complete, secure the receiver cover and restore power.

Installation instruction

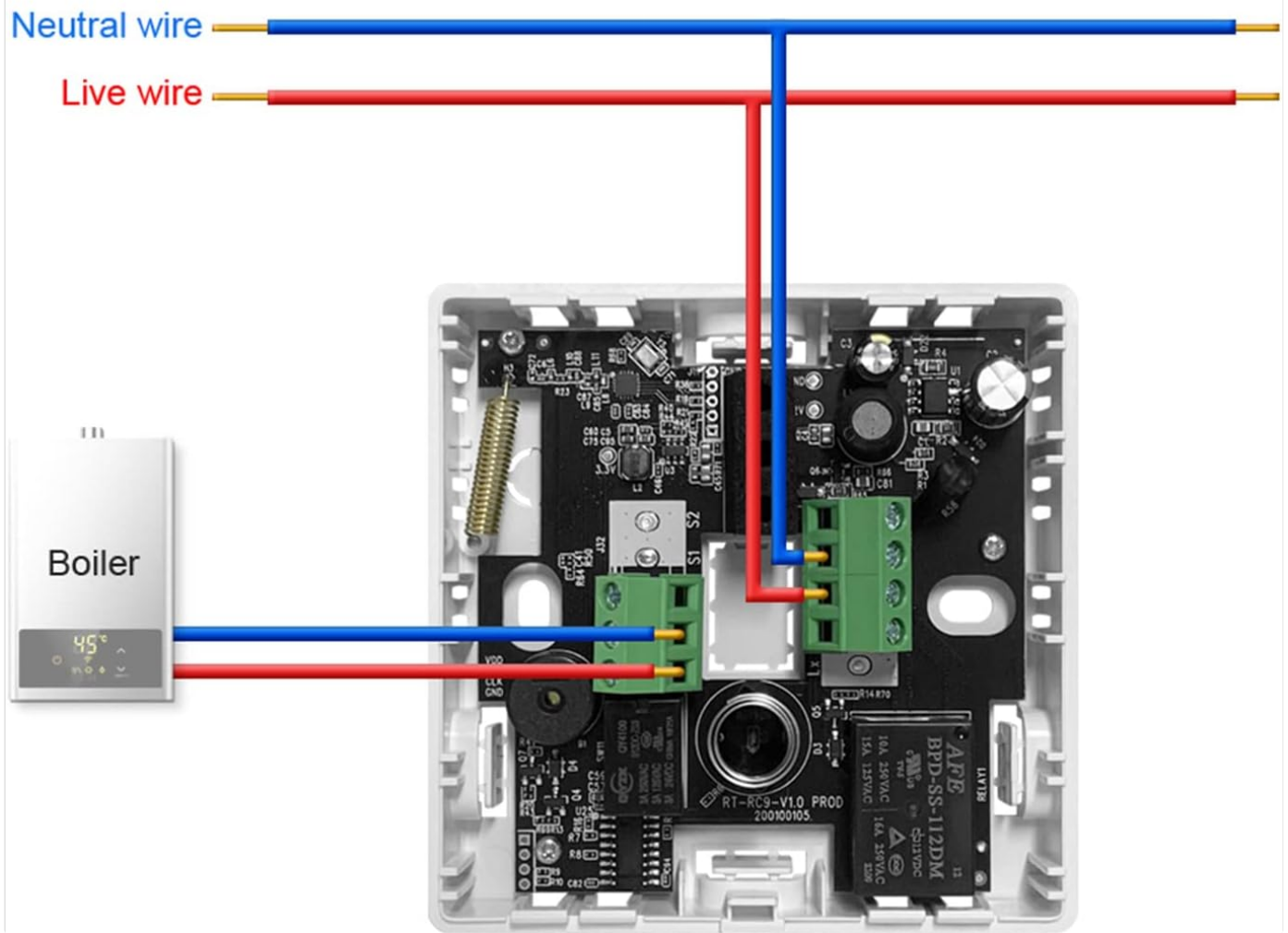


Image: Detailed wiring diagram showing how to connect the neutral (blue) and live (red) wires to the receiver unit, which then connects to a boiler. This illustrates the electrical connections for the heating system.

The receiver unit has indicator lights for Heating, Force Heating, and Link status.



Image: The ZYWUOY Smart Thermostat display unit with its digital screen and a rotary knob, positioned next to the white receiver unit with indicator lights.

5.3 Thermostat Placement

The thermostat display unit can be placed on a tabletop or wall-mounted. Choose a central location in the room where it can accurately measure the ambient temperature, away from direct sunlight, drafts, or heat sources.

Long working distance

100 meters control distance if unobstructed



Image: The thermostat display unit mounted on a wall, wirelessly communicating with the receiver unit which is connected to a boiler. An arrow indicates a 100-meter control distance in an unobstructed environment.

5.4 App and WiFi Connection

To enable remote control and smart features, connect your thermostat to the "Smart Life" app.

1. Download the "Smart Life" app from your smartphone's app store (available for iOS and Android).
2. Register or log in to your Smart Life account.
3. Follow the in-app instructions to add a new device. Select "Thermostat" or "Heating Device".
4. Put the thermostat into pairing mode (refer to the thermostat's on-screen instructions or manual for specific steps, usually involves holding a button).
5. Connect the app to your home 2.4GHz Wi-Fi network.
6. Once connected, you can control the thermostat remotely via the app.



Image: A hand holding a smartphone showing the "Smart Life" application interface, which displays the current room temperature and allows adjustment of the set temperature for the thermostat.

5.5 RF Pairing (Thermostat to Receiver)

The thermostat and receiver are usually pre-paired. If they lose connection or you need to pair them manually:

1. Ensure both the thermostat and receiver are powered on.
2. On the receiver unit, press and hold the pairing button (often labeled "Link" or similar) until the indicator light flashes.
3. On the thermostat display unit, access the pairing menu (refer to the thermostat's on-screen instructions or manual).
4. Confirm the pairing. The indicator light on the receiver should become solid, indicating a successful connection.

6. OPERATING INSTRUCTIONS

6.1 Basic Operation

The thermostat display shows the current room temperature and the set temperature. Use the rotary knob or buttons to

navigate menus and adjust settings.

6.2 Manual and Automatic Modes

- **Manual Mode:** Allows you to set a desired temperature that the thermostat will maintain until changed.
- **Automatic Mode (Programmable):** Follows a pre-set schedule of temperatures and times.

Switch between modes using the dedicated button on the thermostat or through the Smart Life app.

6.3 Weekly Programming

The thermostat supports weekly programming with 6 time modes per day (e.g., 5+2, 6+1, or 7-day programming). This allows you to set different temperatures for various times of the day and days of the week to match your schedule and save energy.

1. Access the programming menu on the thermostat or via the Smart Life app.
2. Select the day(s) you wish to program.
3. Set the desired temperature and time period for each of the 6 modes.
4. Save your settings.

Energy saving

5+2/6+1/7 days week program function for choose



Image: The thermostat and receiver units are shown in the foreground, with a mother and child in a warm room in the background, symbolizing the energy-saving benefits of the 5+2/6+1/7-day weekly program function.

6.4 Voice Control

Integrate your thermostat with Amazon Alexa or Google Home for hands-free control.

1. Ensure your Smart Life account is linked to your Amazon Alexa or Google Home account.
2. Discover devices through your smart assistant app.
3. Use commands such as: "Alexa, set the room temperature to 22 degrees Celsius" or "Hey Google, turn on the heating."

Voice Control

Voice Control via Google Home, Amazon Alexa



works with
amazon alexa



works with
Google Home

*"Alexa(or Google Home),
set the room temperature to 22°C"*



"OK"



Image: The thermostat mounted on a wall, with icons for Amazon Alexa and Google Home, illustrating how voice commands like "Alexa, set the room temperature to 22°C" can be used to control the device.

6.5 Remote App Control

The Smart Life app allows you to control your thermostat from any location with an internet connection.

- Adjust temperature settings.
- Change operating modes (Manual/Auto).
- Modify weekly schedules.
- Monitor current room temperature and weather information.
- Activate child lock.

7. MAINTENANCE

- **Cleaning:** Wipe the thermostat and receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents.

- **Battery Replacement:** If using battery power, replace AA batteries when the low battery indicator appears on the display.
- **Firmware Updates:** Check the Smart Life app periodically for any available firmware updates for your thermostat to ensure optimal performance and new features.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Thermostat display is blank.	No power, dead batteries, or USB cable disconnected.	Check batteries and replace if necessary. Ensure USB cable is securely connected to a power source.
Heating system not responding.	Receiver not powered, RF connection lost, or wiring issue.	Check power to the receiver. Re-pair thermostat and receiver (Section 5.5). Verify wiring connections to the boiler.
Cannot connect to Wi-Fi/App.	Incorrect Wi-Fi password, 5GHz network, or thermostat not in pairing mode.	Ensure you are using a 2.4GHz Wi-Fi network. Double-check Wi-Fi password. Put thermostat into Wi-Fi pairing mode (Section 5.4).
Inaccurate temperature reading.	Thermostat placed in an unsuitable location (direct sun, draft) or needs calibration.	Relocate the thermostat. Refer to the advanced settings in the app or thermostat menu for temperature calibration options.
Voice control not working.	Smart Life account not linked to Alexa/Google Home, or device not discovered.	Verify account linking in Alexa/Google Home app. Run device discovery. Ensure correct voice commands are used.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the purchase documentation or contact your retailer. For technical support, please contact ZYWUOY customer service through the contact information provided on their official website or through your point of purchase.

Keep your purchase receipt as proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question