## LEPREM WT81-3A

# LEPREM Tuya Wifi Smart Thermostat User Manual

Model: WT81-3A

## 1. Introduction

Thank you for choosing the LEPREM Tuya Wifi Smart Thermostat. This device is designed to provide intelligent temperature control for various heating systems, including water floor heating, electric floor heating, and wall-hung boilers. With its advanced features and APP control capabilities, you can manage your home's climate efficiently and conveniently from anywhere.




Figure 1: Front view of the LEPREM Tuya Wifi Smart Thermostat, showing its sleek design and LCD display.

## 2. Product Features

- **APP Control:** Manage your thermostat remotely via the Tuya Smart application on your mobile phone, allowing you to adjust settings before arriving home.
- **Manual/Auto Mode:** Easily switch between manual temperature control and programmable automatic modes to suit your daily schedule and preferences.
- **Accurate Temperature Sensing:** Equipped with built-in and floor sensors for precise ambient and floor temperature measurement, ensuring accuracy within 1°C.
- **Weekly Programmable:** Supports flexible programming with up to 6 time modes per day, allowing for customized temperature settings throughout the week.
- **Child Lock Function:** A keyboard lock feature prevents unintended adjustments by children, ensuring consistent temperature control.

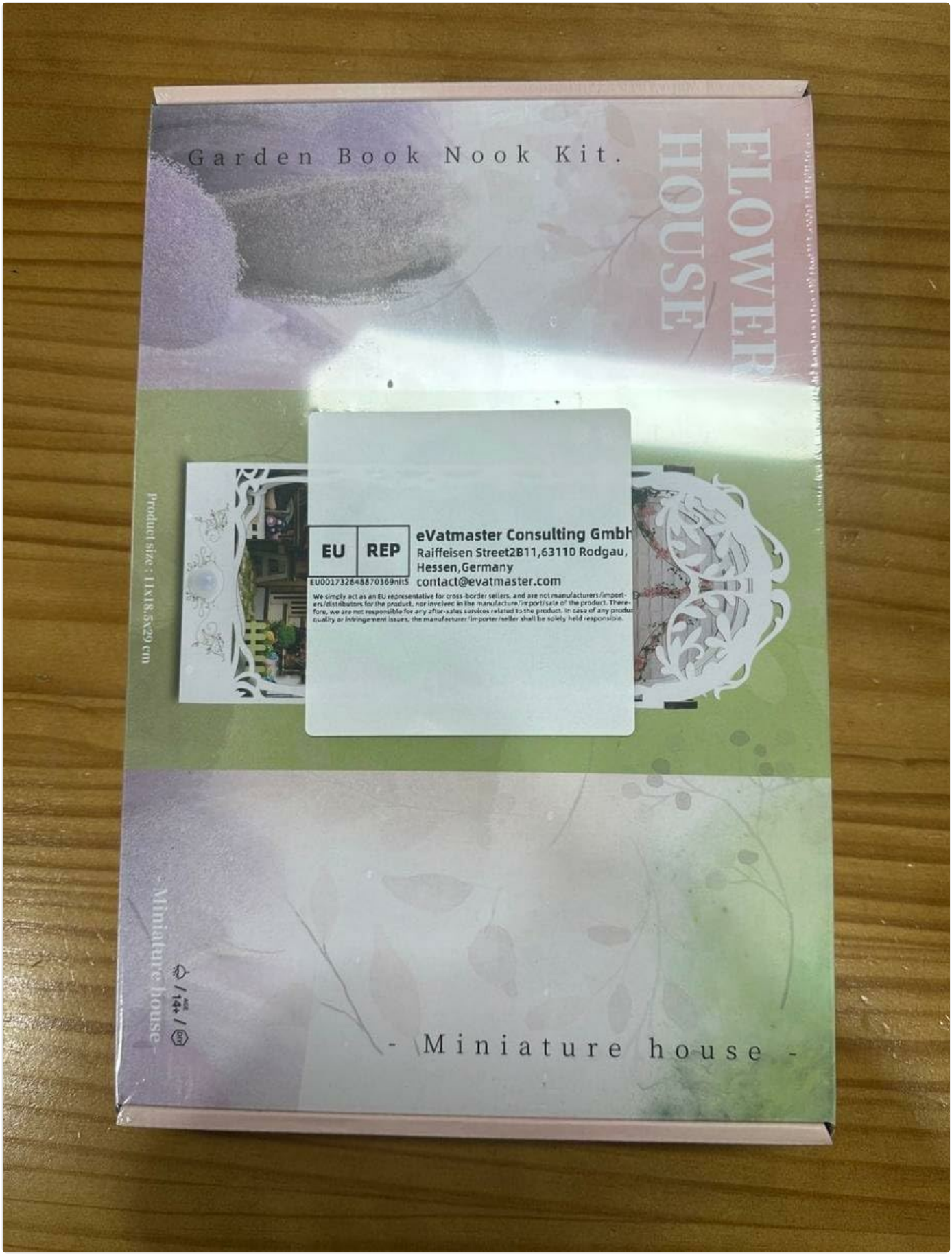



Figure 2: The thermostat is suitable for a wide range of applications, including residential living rooms, offices, classrooms, and hotel rooms.

## 3. Safety Information

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result

in electric shock, fire, or damage to the product.

- Always disconnect power at the circuit breaker before installing or servicing the thermostat.
- Installation should be performed by a qualified electrician in accordance with local electrical codes.
- Do not install the thermostat in areas with excessive moisture or direct sunlight.
- Ensure all wiring connections are secure and properly insulated.

## 4. Package Contents

Verify that all items are present in the package:

- LEPREM Tuya Wifi Smart Thermostat (WT81-3A)
- User Manual
- Mounting Screws
- External Floor Sensor (if applicable to your model)

## 5. Installation

The thermostat is designed for wall-opening installation. Ensure the hole size is 86mm x 86mm for proper fitting.

### Wiring Diagrams:

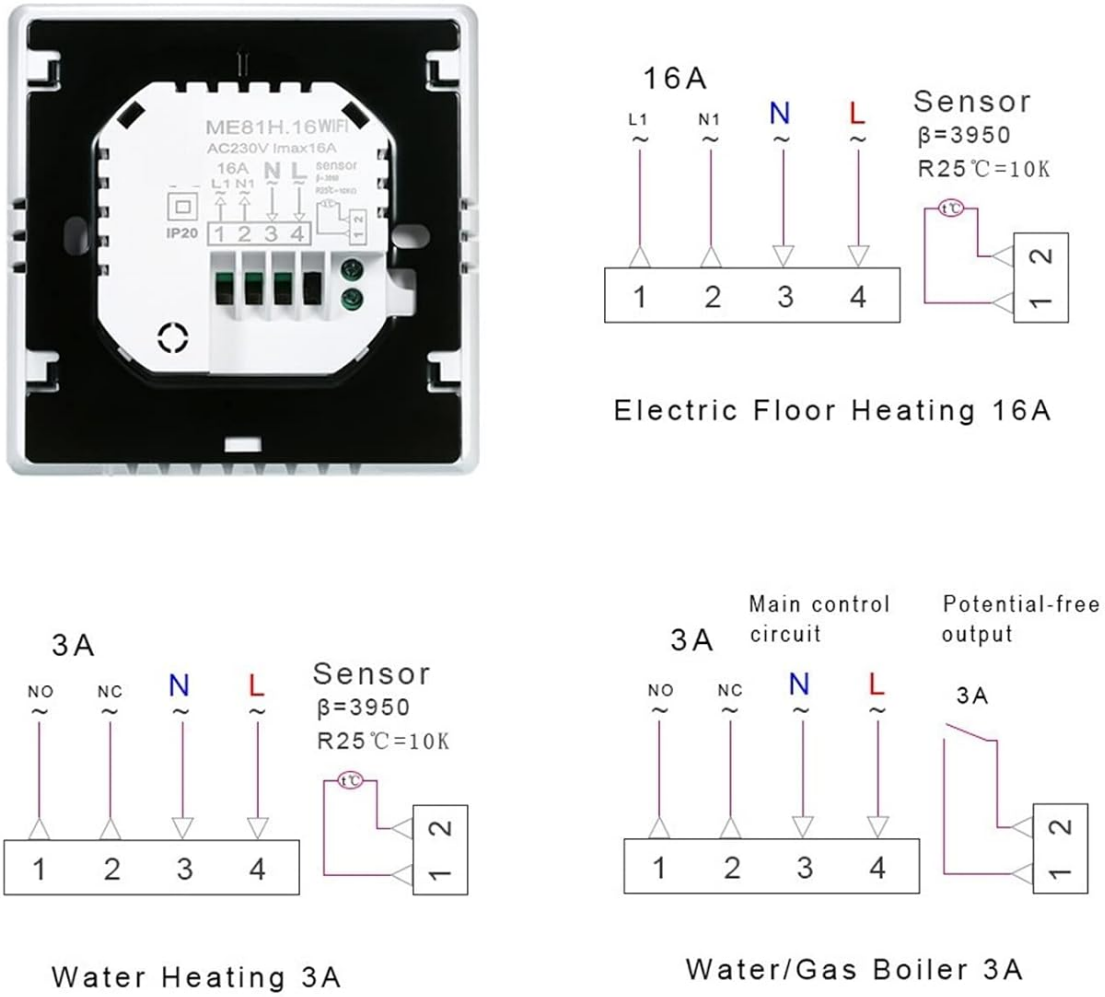



Figure 3: Detailed wiring diagrams for different heating systems. Please identify your system type (Electric Floor Heating 16A, Water Heating 3A, or Water/Gas Boiler 3A) and follow the corresponding diagram carefully. Ensure correct connection of Live (L), Neutral (N), and Sensor wires.

1. Turn off power to the heating system at the main circuit breaker.
2. Mount the thermostat base plate into the wall opening (86x86mm).
3. Connect the electrical wires according to the appropriate wiring diagram for your heating system. Pay close attention to Live (L), Neutral (N), and sensor connections.
4. Secure the thermostat front panel to the base plate.
5. Restore power at the circuit breaker.

## 6. Setup and APP Connection

### Initial Power-On:

Upon first power-on, the thermostat display will illuminate. You may need to set the current time and day.

### Connecting to Tuya Smart APP:

1. Download the "Tuya Smart" APP from your mobile device's app store (iOS or Android).
2. Register or log in to your Tuya Smart account.
3. On the thermostat, press and hold the Wi-Fi icon or a designated button (refer to on-screen prompts) to enter pairing mode. The Wi-Fi indicator on the thermostat will blink rapidly.
4. In the Tuya Smart APP, tap "+" to add a device. Select "Small Home Appliance" > "Thermostat" or use the auto-scan feature.
5. Follow the on-screen instructions in the APP to connect the thermostat to your home Wi-Fi network (2.4GHz only).
6. Once connected, the Wi-Fi indicator on the thermostat will become solid, and you can control it via the APP.

## 7. Operating Instructions




Figure 4: A hand demonstrating interaction with the thermostat's touch-sensitive display, highlighting the user-friendly interface.

## Basic Operation:

- **Power On/Off:** Press the power button (usually a circle with a vertical line) to turn the thermostat on or off.
- **Temperature Adjustment:** Use the Up (^) and Down (v) arrows to adjust the desired temperature.
- **Mode Selection:** Press the 'M' button to cycle through different operating modes (e.g., Manual, Auto/Program).

## Weekly Programming:

The thermostat supports 6 time modes per day for customized temperature settings. Refer to the detailed instructions in the Tuya Smart APP or the thermostat's on-screen menu for setting up your weekly schedule.

### Child Lock:

To activate or deactivate the child lock, press and hold the designated lock icon or a combination of buttons (refer to the thermostat's display or APP for specific instructions). Once activated, the physical buttons on the thermostat will be locked to prevent accidental changes.

## 8. Maintenance

- Clean the thermostat display and casing with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure the air vents (if any) are free from dust and debris to maintain proper temperature sensing.
- The thermostat contains no user-serviceable parts. Do not attempt to open or repair the device yourself.

## 9. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Thermostat not powering on. | No power supply; incorrect wiring. | Check circuit breaker. Verify wiring connections according to Section 5. |
| Incorrect temperature reading. | Sensor obstructed or faulty; thermostat placed near heat source/draft. | Ensure sensor is clear. Relocate thermostat if necessary. Contact support if issue persists. |
| Cannot connect to Wi-Fi. | Incorrect Wi-Fi password; 5GHz network; weak signal. | Ensure correct 2.4GHz Wi-Fi network and password. Move thermostat closer to router. Restart router and thermostat. |
| Heating system not responding. | Incorrect wiring; system fault; thermostat in wrong mode. | Check wiring. Ensure thermostat is in heating mode and set temperature is above ambient. Consult heating system manual. |

## 10. Specifications

| Parameter | Value |
|---|---|
| Control Type | Temperature |
| Control Method | Intelligent Temperature Control Regulator |
| Temperature Range | 5-95°C |
| Temperature Measurement Error | ±1°C |
| Hole Size for Installation | 86mm x 86mm |
| Installation Method | Wall Opening |
| Working Voltage | 110-230V AC |
| Dimensions (L*W*H) | 86mm x 86mm x 65mm |
| Weight | 0.3 kg (300g) |
| Model Number | WT81-3A |

| Parameter | Value |
|---|---|
| Manufacturer Part Number | 87648974657657487 |

## 11. Warranty and Support

LEPREM products are manufactured to high quality standards. This product comes with a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included in your package or visit the official LEPREM website.

For technical support, troubleshooting assistance, or warranty claims, please contact your retailer or the LEPREM customer service team. Please have your model number (WT81-3A) and purchase information ready when contacting support.

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### 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**

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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