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BSEED GL86HTEI1BEU

BSEED GL86HTEI1BEU Smart Thermostat User Manual

Model: GL86HTEI1BEU | For 16A Electric Floor Heating (WiFi)

INTRODUCTION

Thank you for choosing the BSEED GL86HTEI1BEU Smart Thermostat. This device is designed to provide intelligent temperature control for your 16A electric floor heating system, offering convenience through WiFi connectivity and compatibility with smart home platforms like Amazon Alexa and Google Home. This manual provides essential information for safe installation, operation, and maintenance of your thermostat.

IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the thermostat. Failure to follow these instructions may result in electric shock, fire, or property damage.

PURCHASE NOTES



01

PLEASE CONFIRM THAT THIS PRODUCT IS SUITABLE FOR YOUR HEATING EQUIPMENT BEFORE INSTALLATION



02

BEFORE INSTALLATION OR OVERHAUL, PLEASE MAKE SURE TO KEEP THE POWER OFF



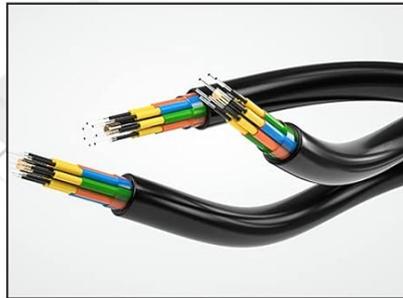
03

ASK PROFESSIONALS TO INSTALL IN STRICT ACCORDANCE WITH THE WIRING DIAGRAM



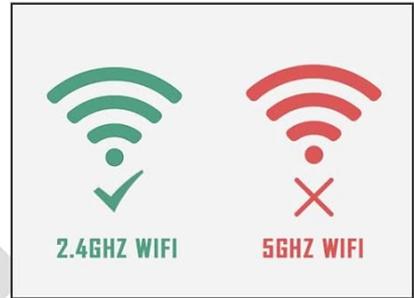
04

PLEASE CONFIRM THAT THE FASTENERS ARE SUITABLE FOR THIS PRODUCT WHEN INSTALLING TO THE WALL



05

IF A HARD PLASTIC WIRE IS USED IN THE INSTALLATION PROCESS, IT MUST BE BENT TO AN APPROPRIATE ANGLE IN ADVANCE



06

NEUTRAL AND LIVE WIRES ARE REQUIRED; ONLY 2.4GHz WiFi, NOT 5GHz

Image: Important notes regarding product suitability, power safety, professional installation, and WiFi requirements.

- Product Suitability:** Confirm that this thermostat is suitable for your specific electric floor heating equipment before proceeding with installation.
- Power Disconnection:** Always ensure the main power supply is turned OFF before performing any installation, maintenance, or overhaul procedures on the thermostat or heating system.
- Professional Installation:** For your safety and to ensure correct functionality, it is highly recommended to have the thermostat installed by a qualified professional electrician in strict accordance with the provided wiring diagram and local electrical codes.
- Mounting:** Ensure that the fasteners used are appropriate for securing the thermostat to the wall. The thermostat is suitable for a standard electrical box or a 60mm European wall mounting box.
- Wiring:** If using hard plastic wires during installation, ensure they are bent to an appropriate angle in advance to prevent damage or strain.
- WiFi Compatibility:** This thermostat requires both neutral and live wires for operation. It supports only 2.4GHz WiFi networks; 5GHz networks are not supported.

PRODUCT OVERVIEW

The BSEED Smart Thermostat features a sleek glass panel design with an intuitive digital display and touch controls. Below is a detailed description of its components and display elements.

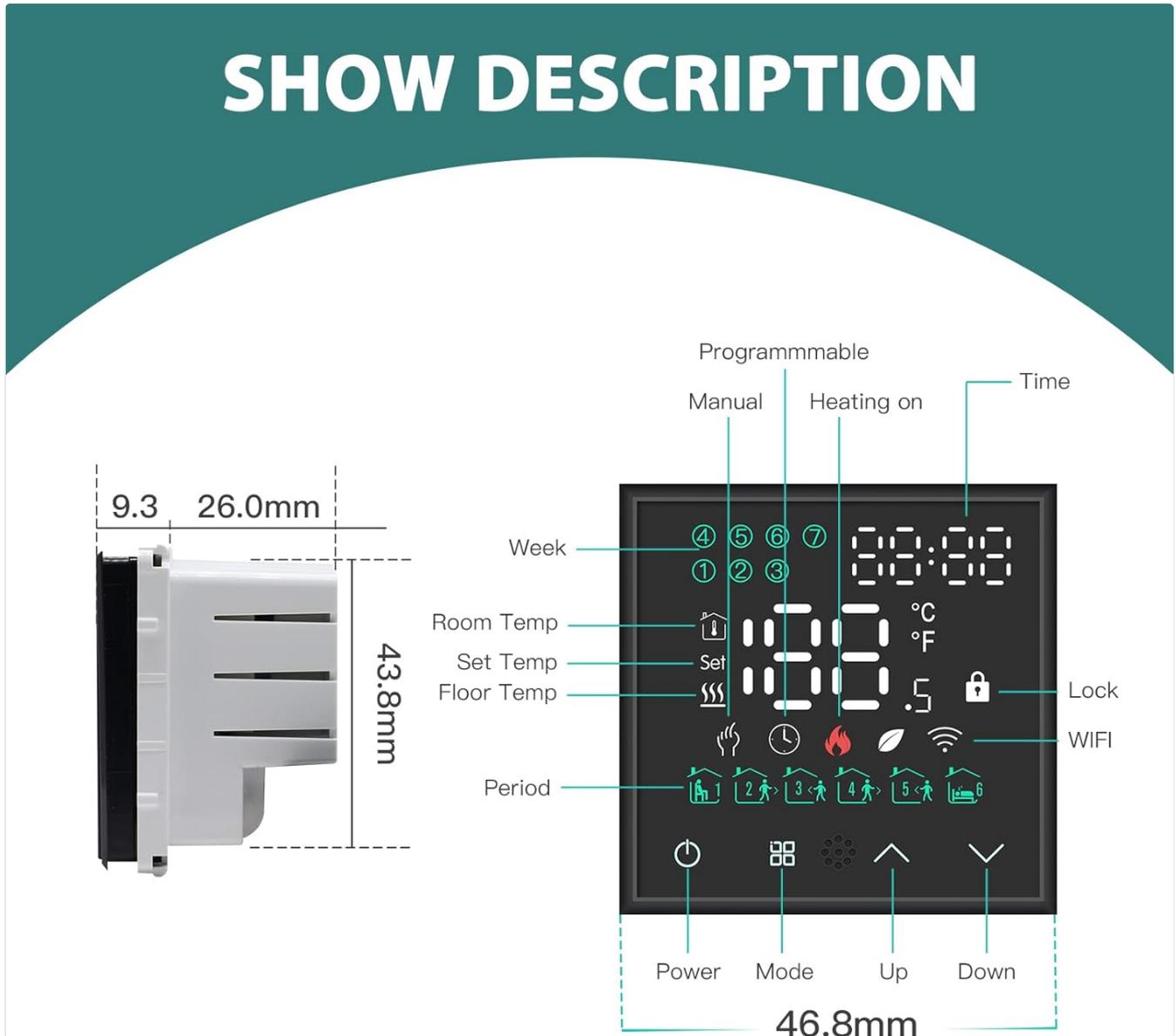


Image: Detailed view of the thermostat's display and dimensions.

Display Elements and Controls:

- **Programmable:** Indicates that the thermostat is in programmable mode.
- **Manual:** Indicates that the thermostat is in manual control mode.
- **Heating On:** Icon illuminates when the heating system is active.
- **Time:** Displays the current time.
- **Week:** Shows the current day of the week.
- **Room Temp:** Displays the current room temperature.
- **Set Temp:** Displays the desired set temperature.
- **Floor Temp:** Displays the current floor temperature (if external sensor is connected).
- **Period:** Indicates the current programming period.
- **Lock:** Indicates if the child lock feature is active.
- **WiFi:** Icon indicates WiFi connection status.

- **Power:** On/Off button.
- **Mode:** Button to switch between operating modes (e.g., manual, programmable).
- **Up/Down Arrows:** Buttons to adjust temperature settings or navigate menus.

Dimensions:

- **Length:** 8.6 cm
- **Width:** 8.6 cm
- **Depth:** 3.53 cm

SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your thermostat. It is strongly recommended that installation be performed by a qualified electrician.

Wiring Instructions:

Before beginning, ensure the main power supply to your heating system is turned OFF at the circuit breaker.

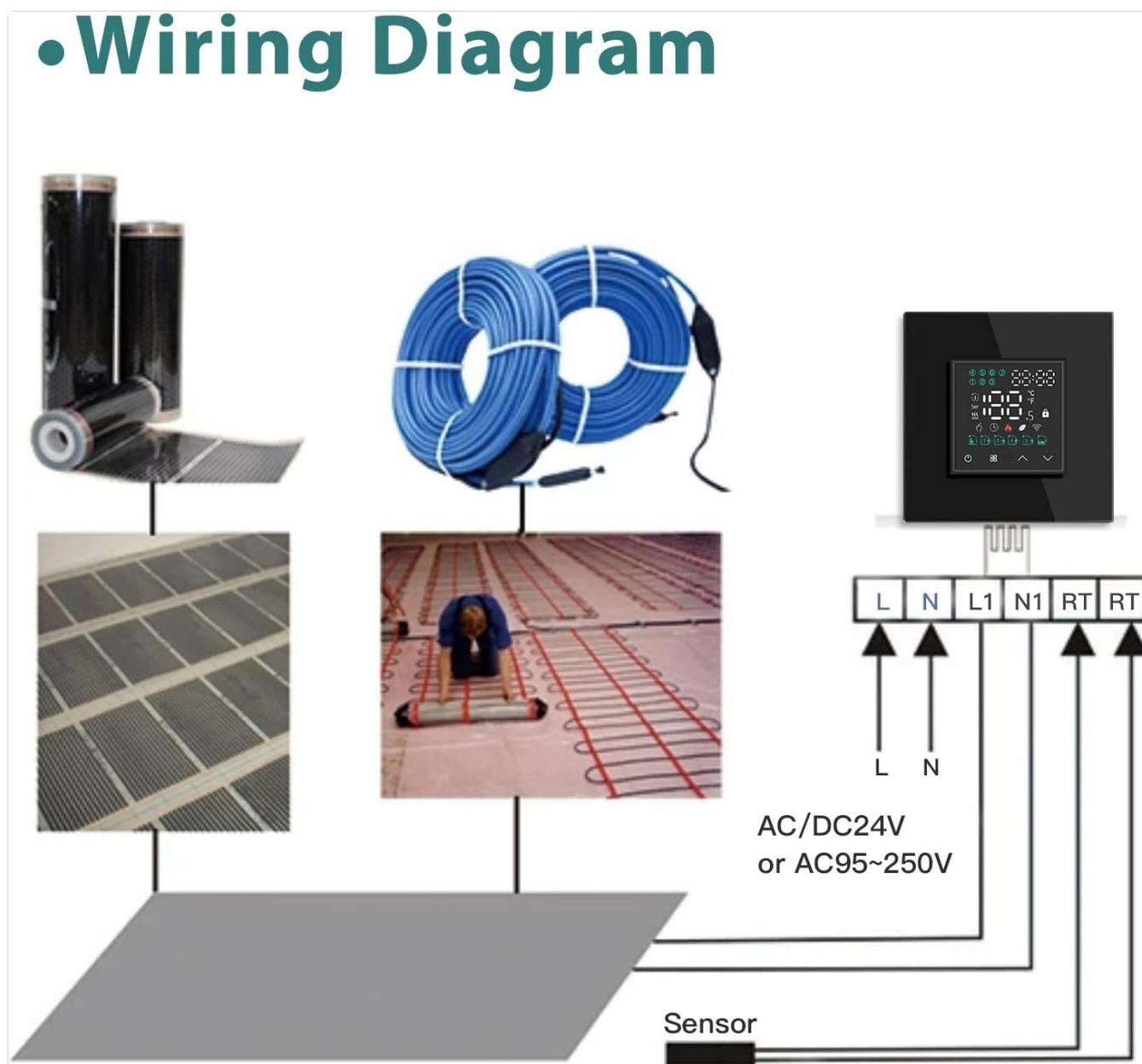


Image: Detailed wiring diagram for the thermostat.

Follow the diagram carefully to connect the thermostat:

- **L (Live) & N (Neutral):** Connect the main power supply (AC/DC24V or AC95~250V) to these terminals. A neutral wire is required for this thermostat.
- **L1 & N1:** Connect these terminals to your electric floor heating load.
- **RT & RT (Sensor):** Connect the external floor temperature sensor to these terminals.

After wiring, securely mount the thermostat to the wall box and restore power. The thermostat should power on.

WiFi Connection:

To enable smart features, connect your thermostat to your home WiFi network.

1. Download the free **Smart Life** or **Tuya Smart** application from your mobile device's app store (available for iOS and Android).
2. Register or log in to your account in the app.
3. Ensure your mobile device is connected to a **2.4GHz WiFi network**. The thermostat does not support 5GHz WiFi.
4. On the thermostat, when it is off, press and hold the 'V' key for 5 seconds to enter network configuration mode. The WiFi icon on the display should start blinking.
5. In the Smart Life/Tuya app, follow the on-screen instructions to add a new device. Select 'Thermostat' or 'Heater' from the device list.
6. Confirm the WiFi indicator is blinking rapidly on the thermostat and proceed with the pairing process in the app.
7. Once connected, the WiFi icon on the thermostat will become solid, and you can control the device via the app.

OPERATING INSTRUCTIONS

APP Control:

Control your thermostat remotely from anywhere using the Smart Life or Tuya app on your smartphone.

APP Control

When the thermostat is off, press and hold the "V" key for 5 seconds to enter the network configuration mode.



Image: Remote control via the Smart Life app.

- Open the Smart Life or Tuya app.
- Select your thermostat from the device list.
- Adjust temperature, change modes, set schedules, and monitor energy usage directly from the app.

Voice Control (Alexa & Google Home):

Integrate your thermostat with Amazon Alexa or Google Home for convenient, hands-free temperature adjustments.



Voice Control

You can connect your smart devices by using voice with Alexa or Google Home Assistant.

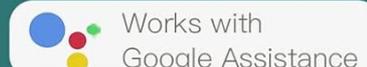
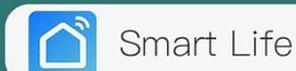


Image: Voice control integration with Google Home.

- Enable the Smart Life or Tuya skill/service in your Alexa or Google Home app.
- Discover new devices.
- Use voice commands such as:
 - "Alexa, set [Thermostat Name] to 22 degrees."
 - "Hey Google, what is the temperature in [Room Name]?"
 - "Alexa, turn on [Thermostat Name]."

Weekly Programming:

Set customized heating schedules to maximize comfort and energy savings.

Weekly Programming

Set daily/weekly schedules to let your heating on automatically as per your routine.



Wake UP
6:00 | 20°C



Out Door
13:30 | 15°C



Back Home
17:00 | 20°C



Sleep
22:00 | 15°C

Image: Example of weekly programming schedule.

- The thermostat supports 5/2 day, 6/1 day, and 7/0 day programming options.
- You can set up to six programmable periods per day, each with its own desired temperature.
- Access programming settings through the Smart Life/Tuya app or directly on the thermostat's interface.
- Manual adjustments can temporarily override the program, with the thermostat returning to the schedule at the next programmed period.

Sharing Devices (Group Control):

Share control of your thermostat with family members for a collaborative smart home experience.

Sharing Devices

Create a smart home together
with your family member

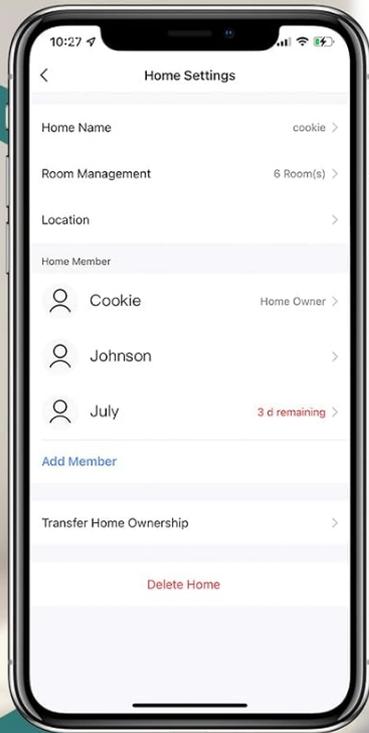


Image: Device sharing feature in the app.

- Within the Smart Life/Tuya app, navigate to 'Home Management' or 'Device Sharing'.
- Create a group for your thermostats if you have multiple devices.
- Invite family members by entering their app account details to share control.

Child Lock:

Prevent accidental changes to settings by activating the child lock feature.

Child Lock

Lock the touchpad to prevent accidental touch by children

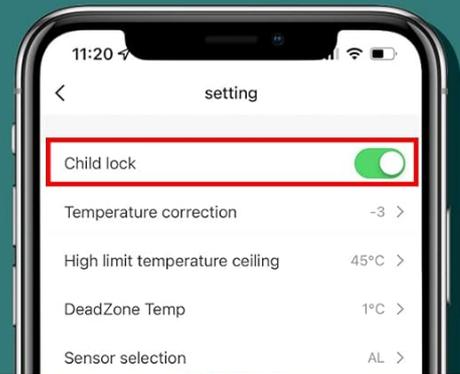


Image: Child lock feature activation.

- The child lock can be activated via the Smart Life/Tuya app settings for the thermostat.
- When active, the physical buttons on the thermostat will be locked, and a lock icon will appear on the display.
- Deactivate the child lock through the app to regain control via the thermostat's touch interface.

MAINTENANCE

The BSEED Smart Thermostat requires minimal maintenance to ensure optimal performance and longevity.

- **Cleaning:** Gently wipe the glass panel with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the surface.
- **Firmware Updates:** Periodically check the Smart Life/Tuya app for any available firmware updates for your thermostat. Updates can improve performance, add new features, or fix bugs.
- **Power Cycle:** If the thermostat becomes unresponsive, try turning off the main power supply to the heating system at the circuit breaker for a few minutes, then restore power.
- **Avoid Obstructions:** Ensure that the thermostat is not covered by furniture, curtains, or other objects that could obstruct

its temperature sensor, leading to inaccurate readings.

TROUBLESHOOTING

If you encounter issues with your BSEED Smart Thermostat, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Thermostat not powering on.	No power supply; incorrect wiring.	Check the circuit breaker. Verify wiring connections (Live, Neutral, Load) according to the diagram. Consult an electrician if unsure.
Cannot connect to WiFi.	Incorrect WiFi band (5GHz); weak signal; incorrect password.	Ensure your router is broadcasting a 2.4GHz network. Move the thermostat closer to the router. Double-check your WiFi password. Re-enter network configuration mode on the thermostat.
Heating not turning on/off.	Incorrect temperature setting; thermostat in wrong mode; wiring issue.	Adjust the set temperature. Check if the thermostat is in Manual or Programmable mode. Verify load wiring.
Voice control not working.	Incorrect skill/service setup; device not discovered; internet connectivity issue.	Ensure the Smart Life/Tuya skill is enabled in Alexa/Google Home app. Re-discover devices. Check your internet connection.
Child lock cannot be disabled.	Attempting to disable from thermostat buttons.	The child lock feature can only be enabled or disabled through the Smart Life/Tuya mobile application.

SPECIFICATIONS

Detailed technical specifications for the BSEED GL86HTEI1BEU Smart Thermostat:

Feature	Specification
Brand	BSEED
Model Number	GL86HTEI1BEU
Color	Black
Dimensions (L x W x H)	8.6 x 8.6 x 3.53 cm
Weight	176 Grams
Voltage	240 Volts (AC/DC24V or AC95~250V)
Material	Glass
Special Features	Programmable, Remote Control, Alexa & Google Home Integration
Connectivity Technology	Wi-Fi (2.4GHz only)

Feature	Specification
Controller Type	Amazon Alexa
Specific Uses for Product	Electric Floor Heating
Power Source	Wired
Included Components	Screws

WARRANTY AND SUPPORT

Specific warranty information for the BSEED GL86HTE11BEU Smart Thermostat is not available in the provided product data. For detailed warranty terms, technical support, or service inquiries, please contact BSEED customer support directly or refer to the product packaging and official website.

You may also find helpful resources and FAQs within the Smart Life or Tuya Smart application.