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Fesjoy B-2-T

Fesjoy Smart Thermostat B-2-T Instruction Manual

MODEL: B-2-T

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Fesjoy Smart Thermostat B-2-T. This digital programmable thermostat is designed for electric heating systems, offering precise temperature control and smart features for enhanced comfort and energy efficiency.



Image: The Fesjoy Smart Thermostat B-2-T displaying current temperature and time, with a hand holding a smartphone showing its control app.

Setup and Installation

The Fesjoy Smart Thermostat B-2-T is designed for embedded installation. Please follow these steps carefully to ensure proper and safe setup. Always ensure power is turned off at the circuit breaker before beginning any electrical work.

1. **Turn Off Power:** Locate your circuit breaker and turn off the power to your heating system. Verify that the system is off before proceeding.
2. **Remove Old Thermostat:** Carefully remove your old thermostat from the wall plate. Take a clear photo of the existing wiring connections for reference.
3. **Label Wires:** Use the provided wire labels to mark each wire according to its terminal on your old thermostat. This is

crucial for correct re-connection.

4. **Remove Old Wall Plate:** Disconnect the labeled wires and remove the old wall plate.
5. **Install New Wall Plate:** Fix the new thermostat fixing plate to the 86 boxes using the provided screws. Ensure it is securely mounted.
6. **Connect Wires:** Insert the labeled wires into their corresponding terminals on the new wall plate. Ensure all wires are securely connected. If your system has two power wires (R/RC and RH), switch the internal jumper to the connection position.
7. **Attach Thermostat:** Align the four clips of the thermostat to the wall plate and gently push the panel down until it clicks into place.
8. **Restore Power:** Turn the power back on at your circuit breaker. The thermostat display should illuminate.

Video: Installation guide for the Fesjoy Smart Thermostat B-2-T, demonstrating the step-by-step wiring and mounting process.



Image: The Fesjoy Smart Thermostat B-2-T is compatible with both electric floor heating and water floor heating systems.

Operating Instructions

Your Fesjoy Smart Thermostat offers both manual and automatic modes, along with smart control options.

Manual and Automatic Modes

Easily switch between manual control for immediate temperature adjustments or automatic mode to follow your programmed schedule. The LCD display provides clear temperature readings and settings.



Image: The Fesjoy Smart Thermostat B-2-T displaying temperature, with a finger interacting with the touchscreen for manual adjustments.

Programming Function (5+2/6+1)

Utilize the 5+2 or 6+1 programming function to set up to 6 different temperature settings for each day of the week, plus an additional setting for the weekend. This allows for customized comfort and energy savings.

5+2/6+1 Programmable

Key	Event		Symbol	Time	+ -	Default value	+ -
⌘	Week day	01	☀️	06:00	Set time	20°C	Set temperature
		02	🏠➡️	08:00		16°C	
		03	🏠➡️	11:30		20°C	
		04	🏠➡️	12:30		16°C	
		05	🏠➡️	17:00		20°C	
		06	🌙	22:00		16°C	
	Weekend	01	☀️	08:00		20°C	
		02	🌙	23:00		16°C	



Image: A visual representation of the 5+2/6+1 programmable schedule, detailing event times and corresponding temperature settings for weekdays and weekends.

Smart Voice Control

The thermostat is compatible with Amazon Alexa and Google Home, allowing you to control your heating system using voice commands.

Smart Voice Control



Image: A person in bed using voice commands with smart speakers to control the Fesjoy Smart Thermostat B-2-T.

Mobile App Control

Download and install the "Smart Life" app on your smartphone. Connect the thermostat to your 2.4G WiFi network via the app. Once connected, you can remotely control the thermostat, adjust settings, and manage schedules from anywhere.

Smart Remote Control



The mobile APP can share simple temperature control life with your family by creating product local groups

Image: The Fesjoy Smart Thermostat B-2-T on a wall, with a smartphone showing the "Smart Life" app interface for remote temperature control.

Child Lock Function

The thermostat includes a child lock function to prevent unintended changes to settings.

Low Temperature Protection

An integrated low temperature protection function helps prevent pipes from freezing in cold conditions.

Maintenance

To ensure optimal performance and longevity of your Fesjoy Smart Thermostat B-2-T, regular maintenance is recommended.

- **Cleaning:** Gently wipe the touchscreen and exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Sensor Check:** The NTC temperature sensor provides accurate readings. Ensure the sensor area is free from dust or obstructions.

- **System Checks:** Periodically check your heating system according to its manufacturer's guidelines.

Troubleshooting

If you encounter any issues with your Fesjoy Smart Thermostat B-2-T, please refer to the following common troubleshooting tips:

- **No Power/Blank Display:** Check your circuit breaker to ensure power is supplied to the thermostat. Verify all wiring connections are secure.
- **Incorrect Temperature Reading:** Ensure the NTC temperature sensor is clean and unobstructed.
- **WiFi Connection Issues:** Confirm your WiFi network is 2.4GHz. Restart your router and the thermostat, then attempt to reconnect via the "Smart Life" app.
- **Thermostat Not Responding:** Try restarting the thermostat by turning off and on the power at the circuit breaker.

For further assistance, please contact Fesjoy customer support.

Specifications

Feature	Detail
Brand	Fesjoy
Model	B-2-T
Special Feature	Programmable, Temperature Display
Power Source	Corded Electric
Voltage	AC 100-250V
Max. Load (Electric Heating)	16A/AC250V
Room Temperature Range	5 - 70°C
Temperature Display Accuracy	±0.5°C
Control Type	Touch
Control Method	Voice
Style	Compact
Backlight	Yes
Product Dimensions	86 x 86 x 40mm (3.38 x 3.38 x 1.57 inches)
WiFi Frequency	2.400-2.483GHz
WiFi Communication Protocol	IP/TCP, MQTT



Image: The Fesjoy Smart Thermostat B-2-T with its physical dimensions clearly indicated.

Warranty and Support

For warranty information or technical support regarding your Fesjoy Smart Thermostat B-2-T, please refer to the contact details provided in your product packaging or visit the official Fesjoy website.

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