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BEOK CONTROLS 39663c2d-122c-4d89-b32d-e769f3712ae7

Beok Smart Wireless Thermostat User Manual

Model: 39663c2d-122c-4d89-b32d-e769f3712ae7

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Beok Smart Wireless Thermostat. This thermostat system is designed for controlling gas boilers and water underfloor heating systems, offering both local and remote control capabilities. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. PRODUCT OVERVIEW

2.1 Components

- **Thermostat Unit:** The main control interface with a touchscreen display.
- **Receiver Unit:** Connects to your heating system (boiler, actuators) and communicates wirelessly with the thermostat.

2.2 Key Features

- **Broad Compatibility:** The receiver is compatible with clean contact boilers, electric actuators, and valves, ensuring adaptability for various heating systems.
- **Smart Daily Scheduling:** Connect to a 2.4 GHz Wi-Fi network to program the thermostat digitally via the TUYA or SMART LIFE application. Up to six daily schedules can be set, with customizable temperatures and activation times for each of the seven days of the week. Settings can be copied between days.
- **Voice Control:** Compatible with Alexa and Google Assistant for convenient voice-activated control to turn the thermostat on or off, or to check the current temperature.
- **Multiple Control Options:** Supports remote Wi-Fi control (requires a 2.4 GHz wireless network) and manual control via the touchscreen panel within a 30-meter range without Wi-Fi.
- **Adjustable Temperature Range:** The thermostat offers an adjustable temperature range from 5 °C to 60 °C, along with functions for heating/cooling mode selection, temperature calibration, and reset.

2.3 Product Dimensions

Refer to the image below for the dimensions of the thermostat and receiver units.



Image 2.3.1: Dimensions of the Thermostat and Receiver units. The thermostat measures 85mm x 85mm x 25mm (excluding stand) and 150mm height with stand. The receiver measures 95mm x 85mm x 27mm. Icons indicate daily programmability, battery/USB power, touchscreen, and easy installation.

3. SETUP

3.1 Installation and Wiring

The receiver unit must be wired to your heating system (boiler, pump, actuators). Ensure all power is disconnected before performing any wiring. Consult a qualified electrician if you are unsure about the wiring process.

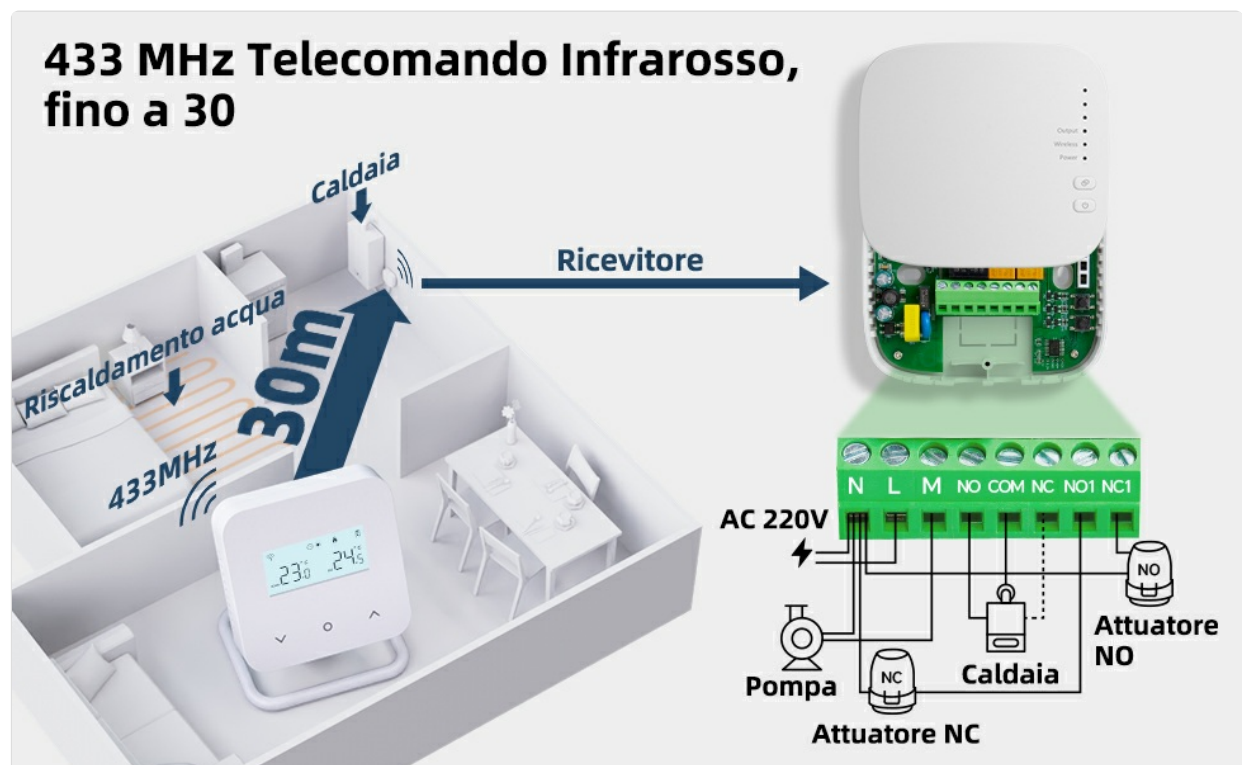


Image 3.1.1: Wiring diagram for the receiver unit. Shows connections for AC 220V power (N, L), pump, boiler, and NC/NO actuators. The diagram also illustrates the wireless communication range of up to 30m between the thermostat and receiver

for a gas boiler and water underfloor heating system.

3.2 Pairing Thermostat and Receiver

Follow these steps to pair the thermostat with the receiver:

1. **Receiver Configuration:** Press and hold the pairing button on the receiver until the 'Wireless' light flashes.
2. **Thermostat Configuration:** Press and hold the down arrow button on the thermostat until the 'Wireless' light on the receiver remains steadily lit.
3. **Confirm Pairing:** Set the thermostat to heating mode and adjust the temperature higher than the ambient temperature. If all three lights on the receiver illuminate, pairing is successful.

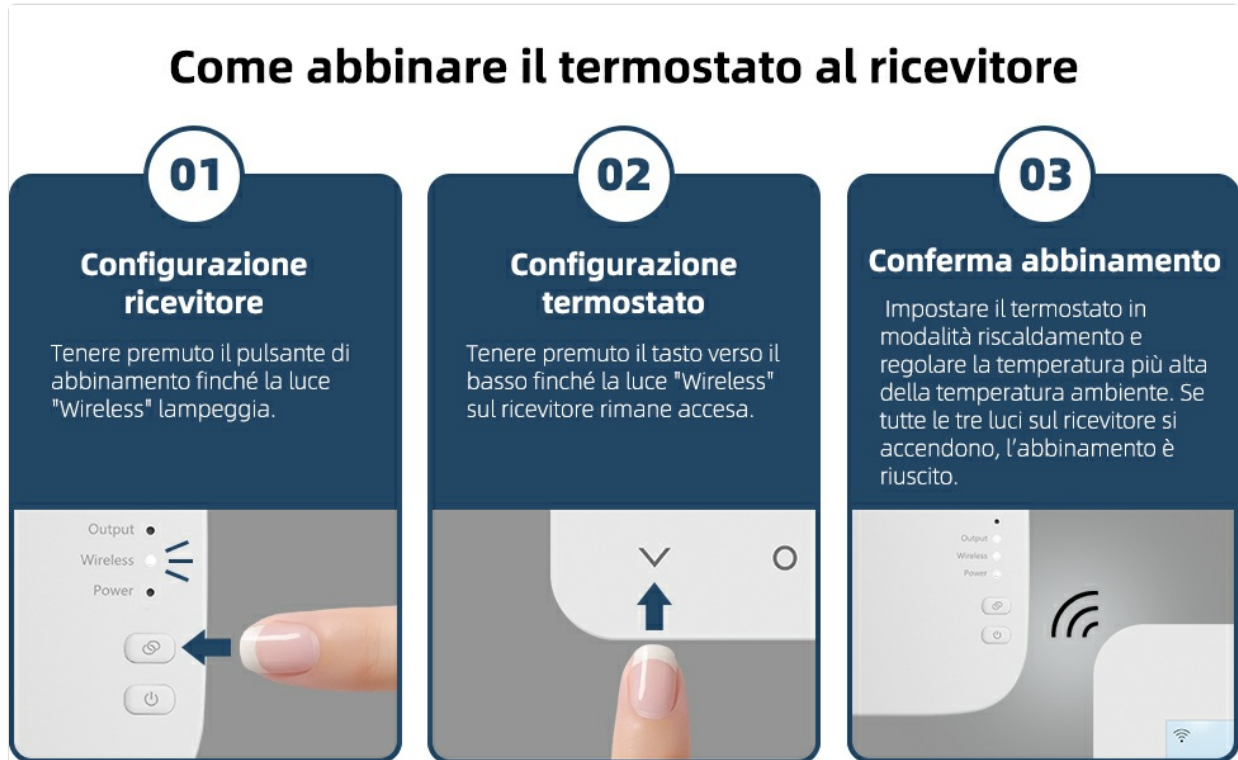


Image 3.2.1: Visual guide for pairing the thermostat and receiver. Step 1 shows pressing the pairing button on the receiver. Step 2 shows pressing the down arrow on the thermostat. Step 3 shows the receiver lights indicating successful pairing.

3.3 Connecting to the Mobile App

To connect your thermostat to the mobile application (Tuya or Smart Life), follow these steps:

1. **Download App:** Scan the QR code in the instructions or search for 'Smart Life' or 'Tuya Smart' in your app store to download the application.
2. **Activate Wi-Fi Pairing Mode:** On the thermostat, press and hold the up arrow button for 5 seconds until the Wi-Fi icon flashes. This indicates pairing mode is ready.
3. **Complete Pairing:** Follow the instructions within the application to complete the pairing process. A 2.4 GHz Wi-Fi network is required for this function.
4. **Control:** Once connected, you can use your mobile phone to control the thermostat.

Metodo per Connettersi all'App Mobile



Image 3.3.1: Visual guide for connecting the thermostat to the mobile app. Step 1 shows scanning a QR code for app download. Step 2 shows activating Wi-Fi pairing mode on the thermostat. Step 3 shows entering Wi-Fi information in the app. The final step shows the app interface controlling the thermostat.

4. OPERATING INSTRUCTIONS

4.1 Manual Control

The thermostat can be controlled directly via its touchscreen panel. Use the up and down arrows to adjust the desired temperature. Other settings like mode selection (heating/cooling) can also be accessed through the panel.

4.2 Smart Daily Scheduling

After connecting to the mobile app, you can create and manage daily heating schedules. This allows you to set different temperatures for various times of the day across the week, optimizing comfort and energy efficiency.

4.3 Voice Control

Integrate your thermostat with Alexa or Google Assistant. Once connected, you can use voice commands to:

- Turn the heating system on or off.
- Adjust the target temperature.
- Inquire about the current room temperature.

5. MAINTENANCE

To ensure optimal performance and longevity of your Beok Smart Wireless Thermostat, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the thermostat's screen and casing with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the device.
- **Battery Replacement:** If your thermostat unit is battery-powered, replace the batteries when the low battery indicator appears on the display. Refer to the product packaging or specific model instructions for the correct battery type and replacement procedure.

- **Software Updates:** Periodically check the mobile application for any available firmware updates for your thermostat. Keeping the software updated ensures access to the latest features and performance improvements.
- **Environmental Conditions:** Ensure the thermostat is not exposed to extreme temperatures, direct sunlight, or high humidity, which can affect its accuracy and lifespan.

6. TROUBLESHOOTING

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

- **Thermostat not turning on:**
 - Check if the batteries are correctly inserted and charged (if battery-powered).
 - Ensure the power supply to the receiver is active.
- **No communication between thermostat and receiver:**
 - Verify that the thermostat and receiver are within the specified wireless range (up to 30 meters).
 - Repeat the pairing process as described in Section 3.2.
 - Check for potential interference from other wireless devices.
- **Heating system not responding:**
 - Confirm the receiver is correctly wired to the boiler/heating system (refer to Section 3.1).
 - Ensure the thermostat is set to heating mode and the target temperature is above the current room temperature.
 - Check the boiler for any error codes or issues.
- **Unable to connect to Wi-Fi/App:**
 - Ensure your Wi-Fi network is 2.4 GHz. The thermostat does not support 5 GHz networks.
 - Verify that the Wi-Fi password entered in the app is correct.
 - Make sure the thermostat is in Wi-Fi pairing mode (flashing Wi-Fi icon).
 - Restart your Wi-Fi router and try connecting again.
- **Inaccurate temperature readings:**
 - Ensure the thermostat is not placed near heat sources (e.g., direct sunlight, lamps) or drafts.
 - Perform a temperature calibration if available in the thermostat settings or app.

If the problem persists after trying these solutions, please contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	BEOK CONTROLS
Model Number	39663c2d-122c-4d89-b32d-e769f3712ae7
Color	White
Product Dimensions (L x W x H)	8.6 x 8.6 x 2.5 cm (Thermostat); 9.5 x 8.5 x 2.7 cm (Receiver)

Feature	Specification
Item Weight	260 Grams
Controller Type	Voice control (Alexa, Google Assistant), Touchscreen
Special Feature	Voice control and smart daily scheduling
Temperature Control Type	Heating
Connectivity Technology	Wi-Fi (2.4 GHz)
Included Components	Mounting bracket, power adapter, batteries
Power Source	Battery Powered (Thermostat), AC 220V (Receiver)
Display Type	Touchscreen
Adjustable Temperature Range	5 °C to 60 °C

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or contact Beok Controls customer service. Keep your purchase receipt as proof of purchase for any warranty claims.