

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [BECA](#) /
- › [BECA BHT-2000GALTP Smart Floor Heating Thermostat User Manual](#)

## BECA BHT-2000GALTP

# BECA BHT-2000GALTP Smart Floor Heating Thermostat User Manual

Model: BHT-2000GALTP

## 1. INTRODUCTION

Thank you for choosing the BECA BHT-2000GALTP Smart Floor Heating Thermostat. This device is designed to provide intelligent and efficient control over your electric floor heating system, ensuring optimal comfort and energy savings. Featuring a modern black screen display and intuitive touch controls, this thermostat offers 5+2 weekly programming capabilities to suit your lifestyle.



Figure 1: Front view of the BECA BHT-2000GALTP Smart Floor Heating Thermostat, displaying temperature, time, and mode indicators.

## 2. SAFETY INFORMATION

Please read this section carefully before installation and operation to prevent personal injury or damage to the product.

- Installation must be carried out by a qualified electrician in accordance with local electrical codes and regulations.

- Always disconnect power at the circuit breaker before installing, cleaning, or servicing the thermostat.
- Do not expose the thermostat to water or excessive humidity.
- Ensure all wiring connections are secure and properly insulated.
- This thermostat is designed for indoor use only.

### 3. PACKAGE CONTENTS

---

Verify that all items are present in the package:

- BECA BHT-2000GALTP Thermostat Unit
- Mounting Screws (2)
- User Manual (this document)

### 4. SPECIFICATIONS

---

Feature	Specification
Model	BHT-2000GALTP
Power Supply	AC 95 ~ 240V, 50/60Hz
Load Current	3A
Dimensions (L x W x H)	8.61 x 8.61 x 1.32 cm
Color	Black
Backlight	Yes
IP Rating	IP20
Sensor	NTC

### 5. INSTALLATION (SETUP)

---

The thermostat is designed for installation into a standard 86mm square or European 60mm round wall box. Ensure the power supply is disconnected before beginning installation.

1. Turn off the main power supply to the heating system at the circuit breaker.
2. Separate the mounting plate from the thermostat unit by gently prying the bottom clips.
3. Connect the wiring according to the diagram in Section 6.
4. Mount the back plate into the wall box using the provided screws.
5. Align the thermostat unit with the mounting plate and snap it into place.
6. Restore power to the heating system.



Figure 2: Side profile of the thermostat, illustrating its compact design for wall mounting.

## 6. WIRING DIAGRAM

---

Proper wiring is essential for the safe and correct operation of your thermostat. Refer to the diagrams below and ensure all connections are secure.



Figure 3: Rear view of the thermostat with terminal labels for power, load, and NTC sensor.

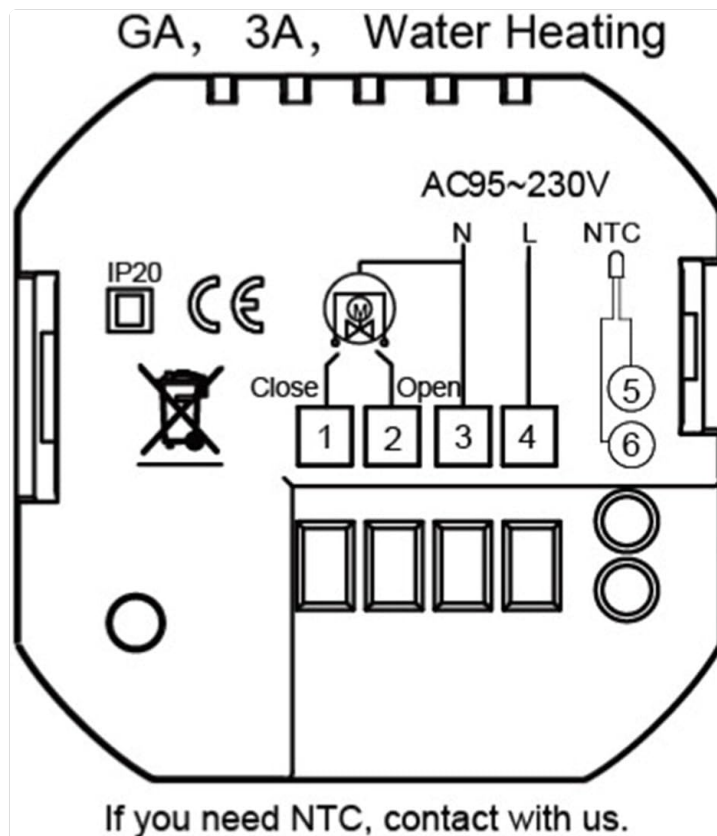


Figure 4: Detailed wiring schematic for GA, 3A, Water Heating models. Connect Live (L) and Neutral (N) to terminals 3 and 4 respectively. Connect the heating load to terminals 1 and 2. The NTC floor sensor connects to terminals 5 and 6.

### Terminal Descriptions:

- **N:** Neutral wire for power supply.
- **L:** Live wire for power supply.
- **1, 2:** Load connections for the heating element.
- **5, 6:** NTC sensor connections (for floor temperature sensing).

## 7. OPERATION

The thermostat features a clear display and touch buttons for easy operation.

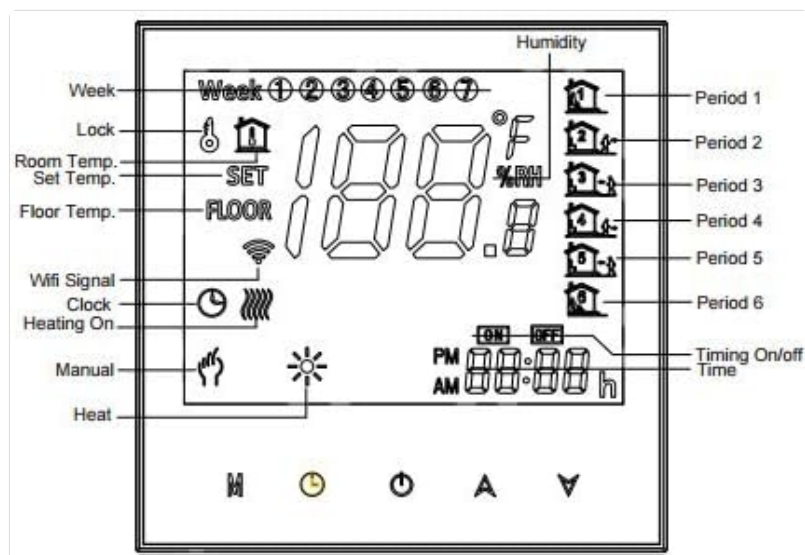


Figure 5: Thermostat display and button function overview.

### Button Functions:

- **M (Mode):** Press to switch between Manual mode and Program mode.
- **(Clock/Time):** Press to set time and date. Hold to enter programming settings.
- **(Power):** Press to turn the thermostat ON/OFF.
- **▲ (Up Arrow):** Increase temperature or adjust settings.
- **▼ (Down Arrow):** Decrease temperature or adjust settings.

#### Setting Time and Date:

1. With the thermostat ON, press the button once. The hour digit will flash.
2. Use ▲ and ▼ to adjust the hour.
3. Press again to move to minutes, then use ▲ and ▼ to adjust.
4. Press again to move to the day of the week (1-7, Monday-Sunday), then use ▲ and ▼ to adjust.
5. Press again or wait 10 seconds to save and exit.

## 8. PROGRAMMING (5+2 WEEKLY SCHEDULE)

The thermostat supports 5+2 weekly programming, allowing you to set different temperatures for weekdays (Monday-Friday) and weekends (Saturday-Sunday) across six time periods each day.

1. With the thermostat ON, hold the button for 3-5 seconds to enter programming mode. The display will show "WEEK" and the first period (Period 1) for weekdays.
2. Use ▲ and ▼ to adjust the start time for Period 1.
3. Press to move to the temperature setting for Period 1. Use ▲ and ▼ to adjust the desired temperature.
4. Repeat steps 2 and 3 for Period 2 through Period 6 for weekdays.
5. After setting all 6 periods for weekdays, the display will switch to weekend programming (Saturday-Sunday). Repeat the process for Period 1 through Period 6 for weekends.
6. Once all periods are set, press again or wait 10 seconds to save the settings and exit programming mode.

#### Default Program Settings (Example):

Period	Time (Mon-Fri)	Temp (Mon-Fri)	Time (Sat-Sun)	Temp (Sat-Sun)
1	06:00	22°C	08:00	23°C
2	08:00	18°C	11:00	20°C
3	11:30	18°C	14:00	20°C
4	13:30	18°C	17:00	23°C
5	17:00	22°C	20:00	20°C
6	22:00	18°C	22:00	18°C

## 9. MAINTENANCE

The BECA BHT-2000GALTP thermostat requires minimal maintenance.

- **Cleaning:** Wipe the display and casing with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **No User Serviceable Parts:** Do not attempt to open or repair the thermostat yourself. Refer all servicing to qualified personnel.

## 10. TROUBLESHOOTING

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





Problem	Possible Cause	Solution
Thermostat has no power/display is off.	No power supply; circuit breaker tripped; loose wiring.	Check power supply at the circuit breaker. Ensure wiring connections are secure (refer to Section 6).
Heating system not turning on/off as expected.	Incorrect temperature setting; thermostat in wrong mode (Manual/Program); wiring issue.	Verify desired temperature is set correctly. Check thermostat mode (M button). Inspect wiring.
Temperature reading seems inaccurate.	Sensor issue; thermostat location.	Ensure the NTC sensor is properly connected and not damaged. Avoid placing thermostat near heat sources or drafts.
Cannot enter programming mode.	Button not held long enough.	Hold the button for 3-5 seconds.



## 11. WARRANTY AND SUPPORT

For warranty information or technical support, please contact your point of purchase or the manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: BECA

### Related Documents - BHT-2000GALTP

	<p><a href="#">Beca Smart Thermostats: 2023 Heating Series Brochure</a></p> <p>Discover the Beca Smart Thermostat 2023 Heating Series. This brochure details advanced smart thermostats for efficient home heating, offering features like Wi-Fi connectivity, programmable schedules, and compatibility with major smart home systems. Explore models BHT-001, BHT-002, BHT-003, BHT-005, and BHT-006.</p>
	<p><a href="#">Beca BHT-9000 Smart Knob Thermostat User Guide</a></p> <p>Comprehensive user guide for the Beca BHT-9000 Smart Knob Thermostat, detailing installation, operation, Wi-Fi setup, features, and technical specifications for various heating systems.</p>
	<p><a href="#">BHT-009 Smart Knob Thermostat User Guide   Beca Heating Control</a></p> <p>Comprehensive user guide for the Beca BHT-009 Smart Knob Thermostat, covering features, installation, operation, Wi-Fi setup, and technical specifications for water heating, boiler, and electric floor heating systems.</p>
	<p><a href="#">Beca BHT-006 Series Smart Thermostat User Manual &amp; Installation Guide</a></p> <p>Comprehensive guide for the Beca BHT-006 Series Smart Thermostat, covering installation, operation, features, and Wi-Fi connectivity for water heating, electric heating, and gas boiler systems.</p>

	<p><a href="#">Beca BHT-003 Series Thermostat: Installation, Operation, and Wi-Fi Guide</a></p> <p>Comprehensive guide for the Beca BHT-003 Series Wi-Fi thermostat, covering installation, wiring, operation modes, programming schedules, Wi-Fi connection via the Smartlife app, technical specifications, and troubleshooting.</p>
 <p>Table of Contents</p> <ul style="list-style-type: none"><li>1. Introduction</li><li>2. Installation</li><li>3. Operation</li><li>4. Programming</li><li>5. Wi-Fi Connection</li><li>6. Troubleshooting</li></ul>	<p><a href="#">Beca BHT-002 WiFi Thermostat User Manual - Smart Home Heating Control</a></p> <p>Comprehensive user manual for the Beca BHT-002 WiFi Thermostat. Learn about installation, wiring, programming, Wi-Fi connection, smart home integration, and troubleshooting for your heating system.</p>