

# Operating Instructions for Power Modules and IR Remotes for TERM2000® Infrared Heaters with Bluetooth Module:

## *RCACBT..., RCA...PRBT*

### Purpose

The power module is designed to switch on/off and adjust the heating power of TERM2000 infrared heaters. Maximum load power: 2000 W. It can be operated via infrared remote control or through a mobile application.

Using the app allows remote control of the heaters from a distance of up to approximately 12 meters (depending on wall thickness and type).

The control modules are equipped with status LEDs indicating the operating state of the controller:

- Single illumination/blink of the LED for ~2 seconds: indicates connection to the power supply.
- GREEN or BLUE LED – steady: indicates the module is powered and ready for operation (exit from STAND-BY mode).
- GREEN/BLUE LED – steady with RED blinking light: heater is operating.

### Operation via the TERM2000 App

- Available only for Android systems.
- To operate the heater, download the app from Google Play, either directly through the store or by scanning the QR code (PHOTO1).
- Using the app, you can:
  - Switch heaters on and off
  - Adjust power levels: 0%, 25%, 50%, 75%, 100%
  - Set heater operating time
- Power adjustment is made by setting the desired value using the slider on the scale.
- The app also includes a timer function (TIMER), allowing scheduled shutdown from 4 mins to 3h 20 mins. Adjustment is made using the slider on the timer scale.

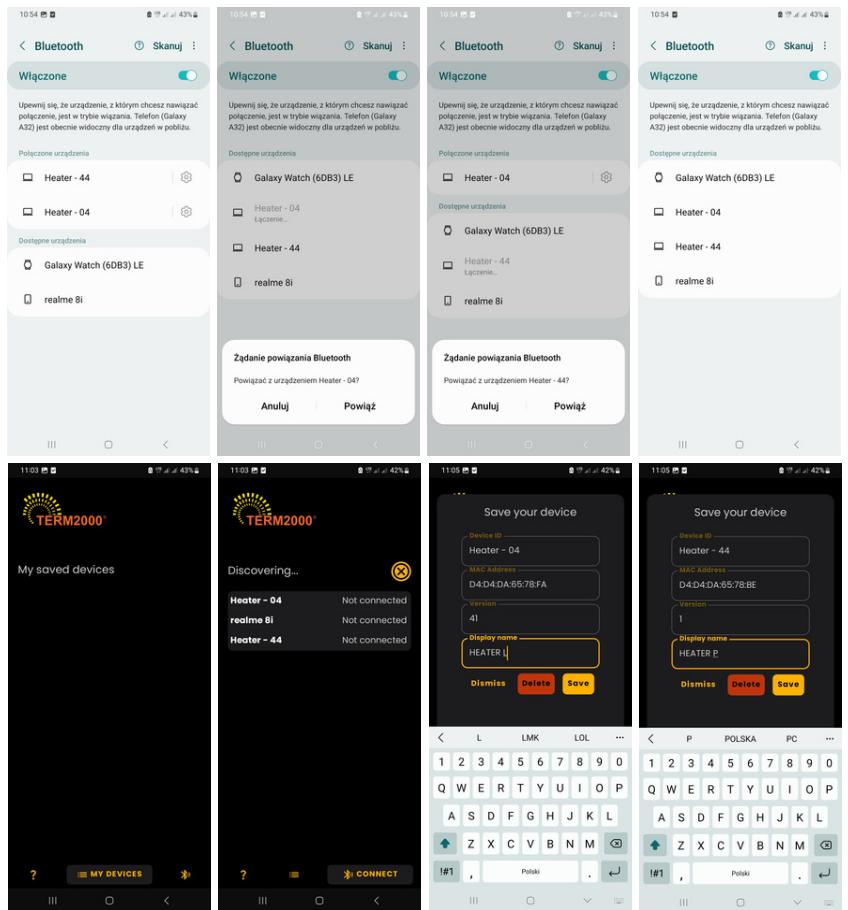
The control module is equipped with a safety sensor to prevent overheating.

- In case of overheating, the heater automatically switches off.
- The device LED will turn red, and a message will appear in the app (PHOTO2).
- Once cooled, the device automatically resumes operation.

### INSTRUCTIONS FOR PAIRING HEATING DEVICES

**WITH THE TERM2000 APP** (example shown for two devices)

1. Enable Bluetooth on your mobile device (smartphone or tablet).
2. Connect the heater to the power supply (perform prior installation according to the instructions...).
3. Find the device in the list (e.g., "Heater xx"), select it, and choose "Pair".



4. Open the app.

5. Tap the icon.

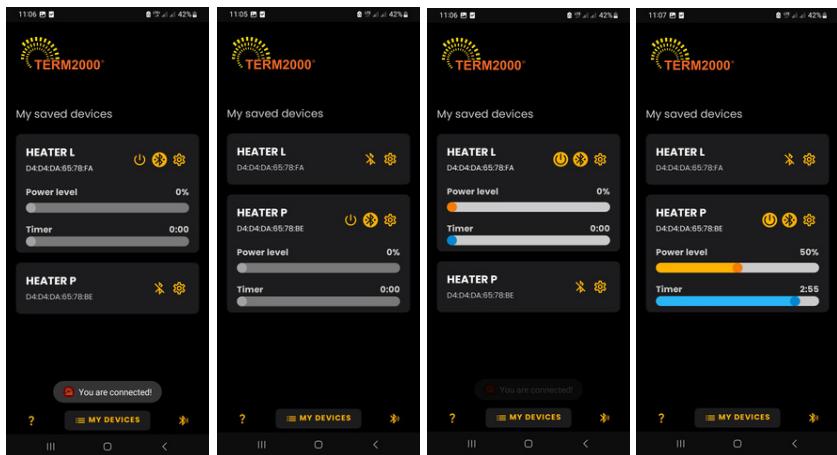
6. Select the device from the list.

7. Change its name and press SAVE.

8. Go to the "MY DEVICES" tab

## Heater Operation

1. Select the device you want to turn on from the list.
2. Press the icon. 
3. Use the "Power Level" slider to set the desired heating power.
4. If you want the device to turn off after a set time, adjust it using the Timer slider.



## CONTROL VIA IR REMOTE

Turning On and Adjusting Power: Heaters are switched on, and their power is adjusted using the buttons on the remote control.

Depending on the number of TERM2000 devices being controlled, heaters can be divided into two zones. By default, all heaters are programmed as "Zone 1". To change these settings, follow the instructions in "Programming the Control Module".

Turning on the heaters: Point the remote at the desired device and press the "ON" button. This is a universal button for all heaters (both Zone 1 and Zone 2). The LED will light steadily in green or blue.

Adjusting power: Use the "A" or "/" buttons for Zone 1 and "/A" or "V" buttons for Zone 2. Each press increases or decreases the power by one level (25%, 50%, 75%, 100%). For radiant heaters, this also changes the intensity of light and heat.

Turning off the heaters: Point the remote at the desired device and press the "OFF" button. This is a universal button for all heaters (both Zone 1 and Zone 2). The LED will turn off.

**WARNING:** The controller has a temperature protection system to prevent overheating.

- When the radiator reaches approximately 75°C, the transmitted power is automatically reduced to 0%.
- After the radiator cools by 10°C, the controller automatically restores the previously set power (e.g., 75%).



**WARNING! Any work related to programming the electronic power control module may only be performed by a qualified electrician.**

## Programming the Control Module - ZONE 2 (or after accidental unlocking of the power module)

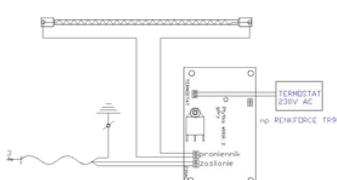
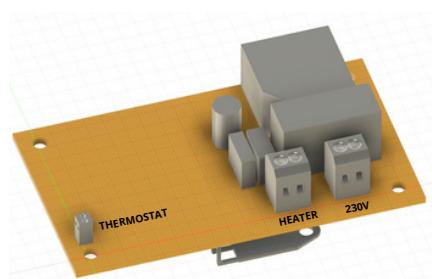
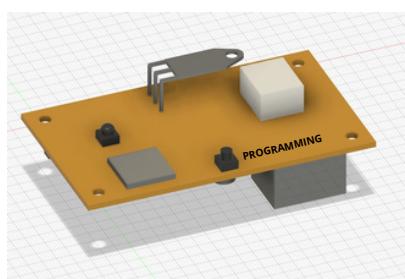
The controller has a dedicated remote, with Zone 1 and Zone 2 commands stored in memory.

- The power module can be programmed for the "Zone 2" command using a special button on the printed circuit board (black button).
- For STE-BT3.0 models, it is located under a transparent cover (see photo).

### Programming Procedure

1. With the heater connected to the power supply, press and hold the programming button for 8 seconds. The controller will enter programming mode, waiting for commands from the remote.
2. Point the remote at the IR receiver window.
3. Press the four remote buttons that will be used for control in **sequence**: **ON** → **OFF** → **Increase Power** → **Decrease Power**
- The LED lights up after receiving the first command.
- The controller confirms each command by changing the LED intensity.
4. After the last command, the LED turns off, and the controller automatically switches to normal operation mode.

**After programming, carefully reassemble all housing elements.**



**PHOTO 1**



**PHOTO 2**

