



# ELECTRONIC ROOM THERMOSTAT WITH RF and WiFi

- - - model: THERMOB.RF1D.WiFi - - -

- - - under models: ThermoB.R1 D+ ThermoB.B1R1.WiFi - - -

## QUICK OPERATION GUIDE



Access to the full  
instruction

### BRIEF DESCRIPTION:

The electronic room thermostat Thermob.RF1D.WiFi is a temperature control system that consists of two modules: room ThermoB.R1D and remote relay ThermoB.B1R1.WiFi, called command.

It can be used as a standard residential thermostat for controlling heating/cooling through gas, electricity, pellet systems, etc. without the need for a wired connection between the controlled device and the controlled room. The connection between the two modules is wireless and is carried out via a radio (RF) signal. The device sets the desired room temperature, temperature schedule, and monitors the status of the device control output. It regulates the room temperature both autonomously and remotely (via the Internet) using a mobile application or computer.

The ThermoB.R1D room module has a built-in sensor for measuring the temperature in the room, an LCD display, four control buttons and a radio communicator. It is powered by 2 x AAA batteries. It can be mounted on a wall or placed in a convenient place in the room.

The ThermoB.B1R1.WiFi command module consists of a radio communicator, a WiFi communicator, one relay output, three indicator lights and two buttons. The relay output is used to control the heating or cooling device. The three indicators show the status of the output, the selected mode and the status of the Internet connection. The relay output is connected to the controlled device by wire. Power is provided by the 230V/AC mains. The receiver is placed in a plastic box that has ears for attaching to a wall or a suitable place next to the device. One button is hidden and serves to control the WiFi connectivity.

## SYSTEM OPERATING MODES

- BASIC: simplified operation with one operating temperature selected cooling or heating and Internet connection.
  - ADVANCED: full system functionality with two separate temperatures (ECO) and (COMF), weekly schedule, with clock and Internet connection.
- \* The activation of frost protection, its temperature and the Basic/Advanced operating mode are selectable at any time through the service parameters.*

## GENERAL FEATURES:

- Wireless radio connection between room and command module with remote control/monitoring/setting via the Internet. The connection to the Internet is made via WiFi via the command module. Monitoring/setting and synchronization of all settings, both locally from the room module and from the Internet via a mobile application/computer.
- Built-in temperature (and humidity) sensor in the room module\*
- Simple to use - single temperature mode
- LCD screen and four control buttons and stylish design.
- Radio connection indicators on both modules
- Service configuration parameters
- Cooling/heating mode with frost protection function
- Potential-free relay 5A (NO)
- Multiple mounting options
- Time for synchronization of all settings about 10-15 minutes. When adjusting via the Internet, it is reflected in the room module within 2-3 minutes.
- Hysteresis or TPI operation
- "Heated floor" function for use with "underfloor heating"

## INSTALLATION:

Please read the safety instructions at the end of this manual before starting the installation!

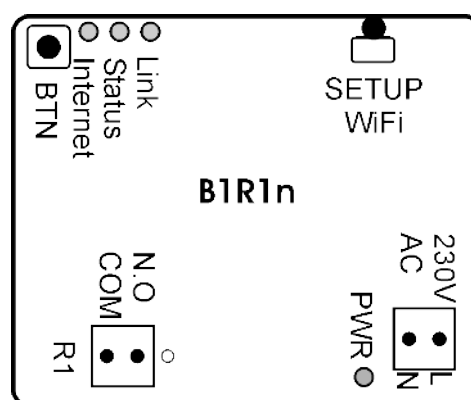
### Installation of the command module

Install the ThermoB.B1R1.WiFi command module in a location that allows:

- connection to the controlled device
- electrical power supply 230V/AC
- good reception of the radio (RF) signal.
- good WiFi signal reception.



Do not expose to high temperature, water, humidity, condensation, high dust content and/or direct sunlight. sun rays. Scheme 1



Mounting to the metal housing of the controlled device often proves unsuitable due to poorer reception of radio and WiFi signals.



Important! All installation and connection operations must be carried out

be carried out by a competent person

To be mounted through the mounting lugs with two fasteners on both sides after opening the cover. We recommend mounting in an orientation that is convenient for reading and handling by the user.



Provide a 230V/AC power supply for the receiver with

series connected fuse max 6A

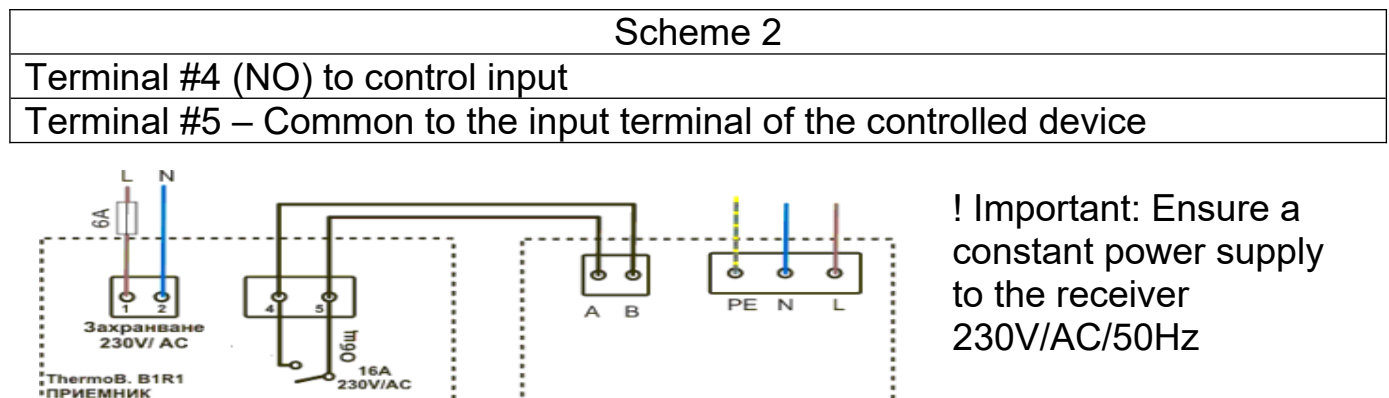
Provide an electrical connection to the controlled device.

Ensure that the connecting wires are secured in such a way that they do not move directly away from the receiver or place excessive weight on its terminals.

### Connection to a potential-free controlled device

Receiver power supply (diagram 1)

- Connect Terminal #1 through a fuse to phase "L" of the 230V/AC/50Hz power supply
- Connect Terminal #2 to the neutral "N" of the power supply
- Permissible wire cross-section 0.5 -1.5mm<sup>2</sup>



! Important: Ensure a constant power supply to the receiver 230V/AC/50Hz

### Connection to a controlled device requiring control potential

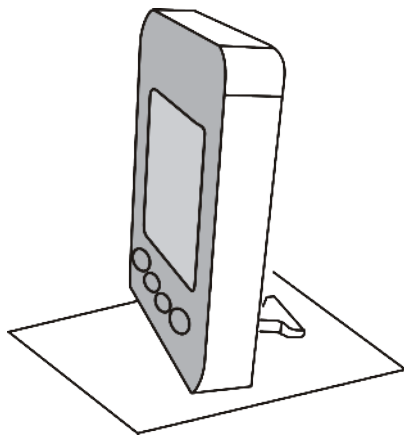
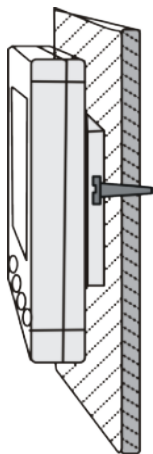
- When connecting a device requiring control potential, connect terminals #5, #4 or #3 according to the device's instructions.
- Make sure that the supplied potential does not exceed 230V AC and the passing current does not exceed 5A.



If it is necessary to connect the device according to Scheme 2 and the mode is Cooling, fix the "cooling" mode through the service parameters.

### Installation of the room module - ThermoB.R1D

The room module is intended to be mounted on a wall (drawing 1) or placed on a flat surface (drawing2) using a foot.



Install the room module at a height of 1.0 -1.2m above the floor, in a location away from direct sunlight, windows, heating appliances or other facilities that may affect the measured temperature.

The installation location must provide free passage of the radio (RF) signal, away from large metal objects or appliances.

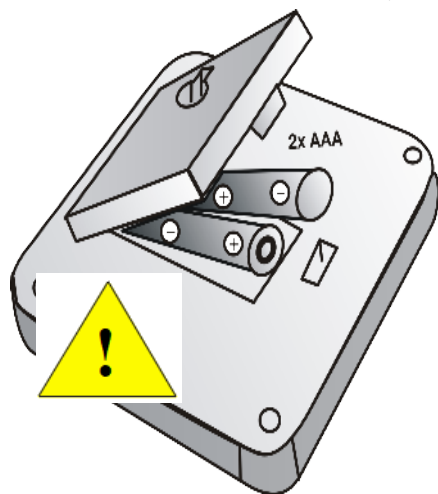
Sketch 1 Sketch 2

emitting

radio waves and others

## BATTERY REPLACEMENT

For the module to work, it is necessary to install 2 AAA batteries.



Open the battery compartment of the room module by pressing the tab on the cover on the back of the device –sketch 3

Insert the batteries, observing their polarity.

Use only new batteries. We recommend using alkaline batteries for extended life.

Important! When replacing the batteries or turning on for the first time, please leave the system for about 10-15 minutes to synchronize or until the indicator disappears in the "main screen" item 12

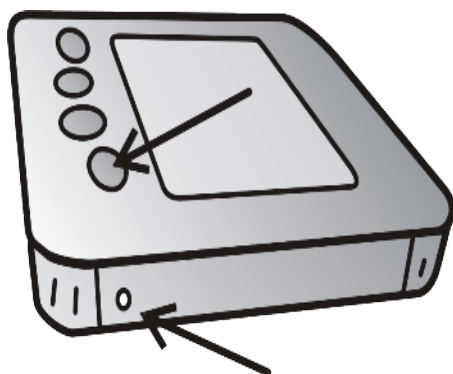
Sketch 3

## DUPLICATING THE MODULES

This procedure is only necessary if one of the control-room module pairs is being replaced or if there is another device nearby that happens to be operating on the same channel. The device supports 250 channels.

It is necessary for both modules to be turned on (the control module to be powered, the room module to have batteries)

**Command module:** Press and hold the BTN button for 15 seconds. The yellow Link indicator will start flashing rapidly.



**Room module:** Wake the module by pressing any button – the screen will light up. Press and hold the hidden pairing button with a thin object at the same time as the "Zoom" button for at least 5 seconds.

Sketch 4.

A "pairing" screen will be displayed, please refer to the "working screens" section.

- Wait a minute.

Sketch 4

- Upon successful pairing, the room module will exit the pairing procedure and go to the "main screen", and the Link indicator on The control light will be on constantly!



Important! When starting a new pairing, the previous one is deleted. loses!The pairing procedure lasts no more than 60 seconds. Pairing can be individually terminated by pressing any button, but at least 10 seconds after it starts.

#### Communication check:

The room module periodically checks its connection with the control unit. If there is a connection, the “connection” symbol is displayed. On the other hand, when communication is established, the control unit indicator flashes.

### **System functionality**

The system is designed to maintain a set temperature in a controlled room.

The system has two temperature values, conventionally called the temperature for economical operation (ECO) and the temperature for comfort (COMF). Both values can be set freely by the user. The setting range of each can be limited by a parameter.

It can work for both heating and cooling.

The room module measures and visualizes the room temperature and sends it to the controller, which in turn compares it with the current set temperature and controls its output.

In addition to temperature, the two modules also exchange a set of parameters, some of which are also exchanged with the system on the Internet.

The system strives to constantly update the information both from the direction room module -> control -> Internet, and vice versa Internet -> control -> room module.

When data changes on any of the systems (internet or room module), synchronization is started. For small changes, synchronization is completed within 2-3 minutes and the information displayed on the room module is synchronized with that displayed via the Internet. For full synchronization of the two systems, 10-15 minutes are required.

When the batteries are inserted into the room module, it immediately enters synchronization mode for all parameters. **We recommend NOT making changes to modes and/or temperatures immediately after inserting the batteries into the room module.** (unless absolutely necessary) so that synchronization can be complete.

If the power supply to the command module is lost, the previously made adjustments are saved. When the power supply is restored, the synchronization process begins. The output state is also saved and restored.

At **EXTENDED** mode in the system, the clock for the current time with the day of the week, temperature (ECO) as well as the ability to set a temperature-time schedule are unlocked.

The clock is synchronized automatically via the Internet.

Access to the system via the Internet is via a mobile application Proxel Connect, available for both iOS and Android. In case access via a computer is also required, the system also has a WEB version.

For quick selection of the set temperature and operating conditions of the system, conditional operating states have been introduced, which can be quickly selected with a button on the room module or via the Internet.

### **Operating states in BASIC MODE:**

- "OFF": the output is off, with the possibility of activating for frost protection.
- "Comfort" (COMF): the device strives to maintain a comfortable room temperature, with the output turning on/off at necessity. (For example 24°C)

### **Working states in ADVANCED MODE:**

- "Off" (OFF);
  - "Economical" (ECO) and "Comfort" (COMF)
  - "Work according to schedule" (AUTO)
  - "Manual temporary temperature" (MAN)
- \* More about the states in ADVANCED MODE can be found in the full operating instructions*

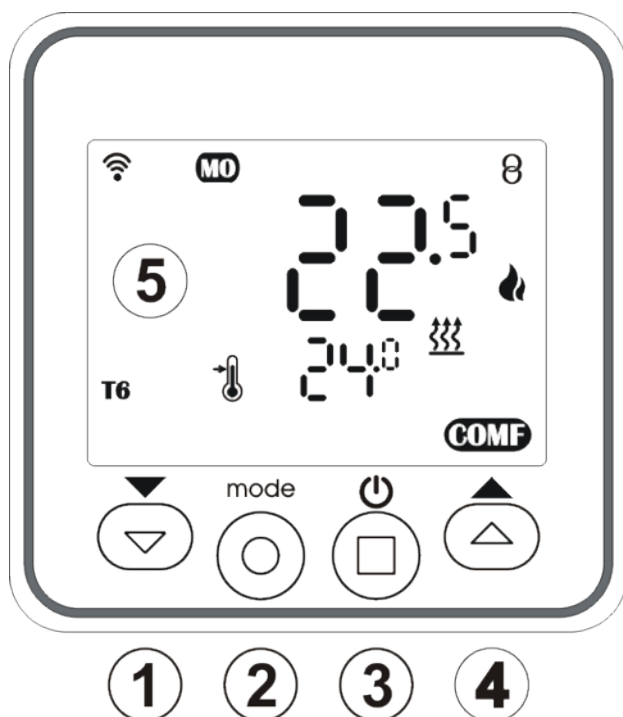
**COMMAND MODULE** The module, in turn, provides the ability to fully manually control its output (completely independent of the room module) by pressing the BTN button located on it. This mode is also displayed as "Manual" (MAN).

Manual mode cannot be set via the Internet!

An important part of the system's operation is the set of service parameters that allow for fine-tuning of temperature comfort and the overall user experience.

In the "OFF" operating mode, the system operates with delayed synchronization to extend battery life.

## **WORKING WITH THE ROOM MODULE**



The room module has:

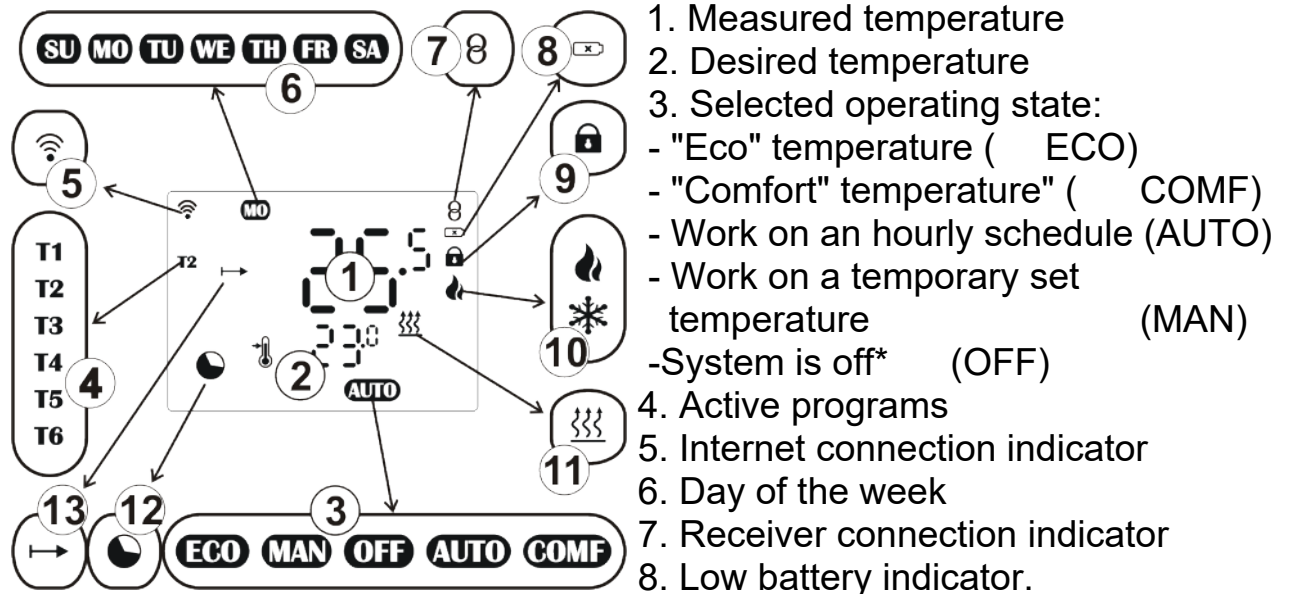
- large LCD screen with backlight
  - temperature sensor
  - 4 control buttons:
- \*Buttons [1] and [4]: "Decrease"/ "Zoom in" of the visualized temperature or value.
- \*[2] "Mode" button: Used to selection of operating mode: work on temperatures Eco (ECO), Comfort (COMF) or by temperature - timetable (AUTO)
- \*Button [3] "ON / OFF": Turns on / Turns off the system.

Sketch 6

## Working screens:The module has a total of 6 service information screens

- Home screen, when the home screen is displayed, the system is on.
- Off
- Current time (available only in ADVANCED mode)
- Hourly schedule (available only in ADVANCED mode)
- Service settings
- Pairing with the command module

### Home screen



9. Lock screen indicator.

10. Heating or Cooling operation indicator

11. Output status indicator, active icon – on

12. Initial synchronization (displayed after battery replacement)

13. Current synchronization indicator

Note: \* without / with frost protection, see "service parameters".

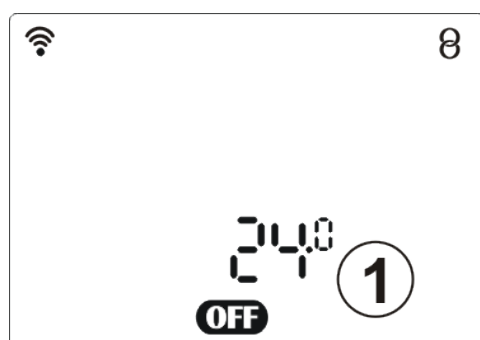
\* when displaying the main screen, the system is on.

### Turn the system on/off.

Press the button briefly.[3] "On/Off" to turn the system on/off. When this screen is displayed, the system is off.

If the anti-freeze function is enabled, the selected anti-freeze temperature is monitored and maintained (see parameters).

### Screen: "Off" in BASIC mode



Pos. 1: measured temperature

The "OFF" indicator shows the status "off".

If the system is:

- turned on, you will see the "home screen"
- off, you will see "screen off"



\* In OFF mode, communication with the receiver occurs at longer intervals to save data. the battery.

## **CHANGING THE SET TEMPERATURE**

To change the selected temperature value press the "Decrease" [1] or "Increase" [4] buttons. While the adjustment is in progress, the desired temperature value (2) on the main screen flashes.

\* *The set temperature for the selected ECO or COMF mode is changed.*



Important!: For each of the temperatures (ECO) and (COMF) there is a preset (in the service parameters) range of allowed values. If you try to set a value outside the allowed ranges – the corresponding temperature automatically returns to it.

## **Selecting the operating mode and setting the desired temperature**

with system – on and ADVANCED mode

The system has two main temperatures, conventionally called "Comfort Temperature" (COMF) and "Temperature ECO" (ECO)

The selection of the state specifies which temperature the system should monitor, ECO, COMF or scheduled.

In "BASIC mode" the states are (OFF) and (COMF) and it is available for setting Comfort temperature only

### **Mode selection**

By briefly pressing the [2] "Mode-M" button, the operating mode changes sequentially from (ECO) → (COMF) → (AUTO) → (ECO) ...

Important!:



Selecting operation in (AUTO) mode by temperature – hourly schedule is only possible with an entered hourly rate schedule with at least one different time range and set activity for at least one day of the week for this range. In the absence of a valid schedule, the operating modes are limited to (ECO) and (COMF), in "BASIC mode" (ECO) and (AUTO) are not available

### **"Manual temperature (MAN) - only in Advanced mode**

The exception is the case of pressing the [ button. ▼ ] or [ ▲ ] while the system is in "AUTO" mode. In this case, the system switches to manual and temporary operating temperature setting mode (MAN), starting with a direct correction of the last operating temperature. The set temperature is freely selectable and has no common and does not change (ECO) or (COMF).

Terminating the mode (MAN):

- automatically to (AUTO) after a set time (1–4 hours) has elapsed.
- by selecting a new modewithpressing the [2] "Mode" button.
- turning off the system by pressing the [3] "ON/OFF" button.

## Heating / Cooling mode selection

Whether the system operates in "Heating" or "Cooling" mode is fixed through a service parameter or left freely selectable by the user.

The operation in heating or cooling mode, respectively, is visualized by the icons in position 11 on the main screen - "flame" and "snowflake".

## Lock the main screen.

The device provides the ability to lock the button actions in the main screen.

Locking/Unlocking the main screen is done by pressing and holding the [ buttons simultaneously for more than 5 seconds.▲ ] and "Mode" [2].

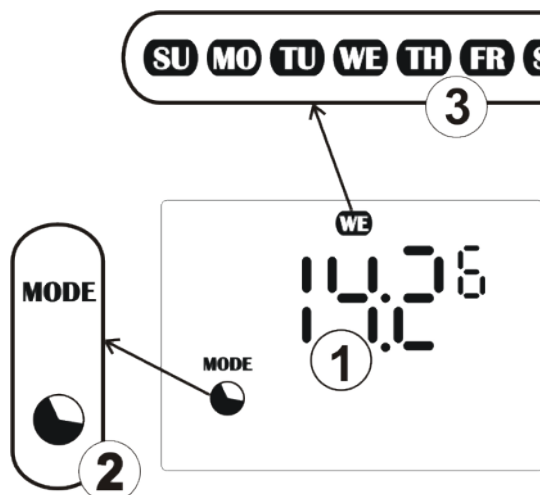
The lock is visualized by the padlock icon (9) on the main screen.

The device also provides an additional way to lock the adjustments on the screen - by setting a "PIN" code from the service settings.

When the keyboard is locked, parameter correction can only be performed after unlocking it or via the Internet.

## Setting the current time

### Screen: "current time"



In BASIC mode, this screen is not active. Important! Please set the correct time zone so that the automatic time adjustment can work.



hours over the Internet to work properly! Indication of the days of the week:

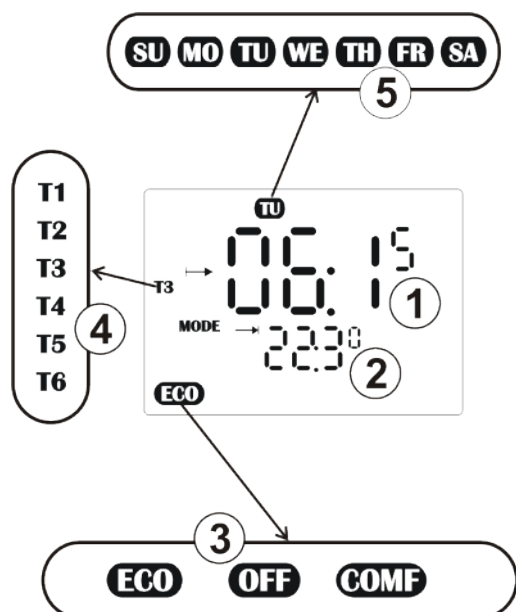
|           |           |
|-----------|-----------|
| <b>SU</b> | Sunday    |
| <b>MO</b> | Monday    |
| <b>TU</b> | Tuesday   |
| <b>WE</b> | Wednesday |
| <b>TH</b> | Thursday  |
| <b>FR</b> | Friday    |
| <b>SA</b> | Saturday  |

*Note\* The procedure for setting the current time locally is described in the full manual available on the Internet.*

## Work according to schedule

*Working on an hourly schedule is only possible in ADVANCED mode!*

The work schedule is a set of up to 6 hourly intervals with the ability to set which of the temperatures (ECO) or (COMF) for which days of the week it is active or not. Thus, for each of the time intervals, it is specified for each day of the week which of the two temperatures (ECO) or (COMF) should be active.

**Screen: "Timetable"**

In BASIC mode, this screen is not active.

Pos. 1 – Timer - start time

Pos. 2 – Timer - end time

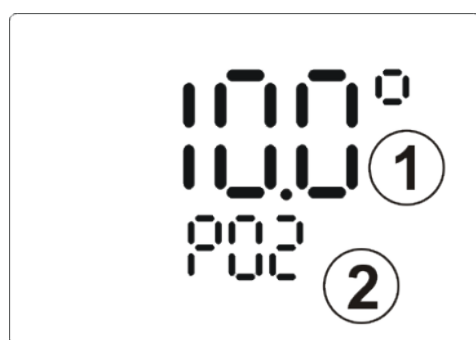
Pos. 3 – Selected temperature value  
(ECO) or (COMF) in this interval  
for the corresponding day of the week

Item 4– Timer sequence number

Pos. 5 – Current day of the week.

*Note\* The procedure for setting a time schedule is described in the full manual available online.*

When creating a time schedule, it is possible to organize Priorities

**Service settings**

To access service settings  
press and hold for over 10 seconds  
simultaneously the [ buttons2] "Mode -M" and

[3]  
"ON/OFF"

Pos. 1 – value

Pos. 2 – parameter number.

If an access password is set, the system will  
first prompt you to enter it.  
the correct PIN.

If the PIN is entered incorrectly, the system is locked for a certain time. The parameters are scrolled through sequentially by pressing the [3] "ON/OFF"

To exit this screen, press the [2] "Mode M"

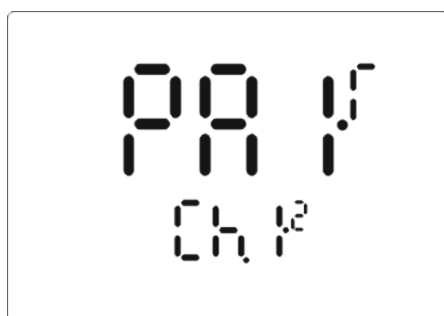
Correction of values is done using the buttons [1] [▲] and [4] [▼] until the corresponding parameter is displayed. The values do not flash!

**Service settings table**

|      | Description                                                                                                                                         | step | Min   | Max    | Fabr. |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|--------|-------|
| PR01 | Hysteresis, >0 hysteresis; =0 - TPI                                                                                                                 | 0.5° | 0.0°  | 3.0°   | 0.5°  |
| PR02 | Frost protection temperature.<br>at 0 the function is not active.                                                                                   | 0.5° | -9.5° | +15.0° | 10.0° |
| PR03 | Heating/Cooling mode<br>at 0 - "heating"/"cooling" is freely<br>determined depending on ECO and<br>COMF temperatures<br>at 1 – "heating" / Advanced | 1    | 0     | 4      | 3     |

|      |                                                                                                                                                     |        |        |        |        |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|
|      | at 2 – “cooling”/ Extended<br><b>at 3 – “heating” / Basic</b><br>at 4 – “cooling”/ Basic                                                            |        |        |        |        |
| PR04 | Activates and sets the period of the "warm floor" function. Time x2, The function is active when PR04>10 and PR01=0 -TPI                            | 1 min  | 0      | 30 min | 0 min  |
| PR05 | Local time zone, UTC = 0                                                                                                                            | 1 hour | -12    | +14    | +3     |
| PR06 | Temperature display correction                                                                                                                      | 0.5°   | -5.0°  | +5.0°  | 0.0°   |
| PR07 | PIN code to lock access to the device at 0 – no code required                                                                                       | 1      |        |        | 0      |
| PR08 | Duration of the temporary temperature period (MAN):<br>at 0 – does not automatically switch to (AUTO)                                               | 1 hour | 0      | 4      | 1 hour |
| PR09 | Minimum value for the temperature setpoint range (ECO)                                                                                              | 0.5°   | +15.0° | +45.0° | +15.0° |
| PR10 | Minimum value for the temperature setpoint range (COMF)                                                                                             | 0.5°   | +15.0° | +45.0° | +15.0° |
| PR11 | Maximum value for the temperature setpoint range (ECO)                                                                                              | 0.5°   | +15.0° | +45.0° | +45.0° |
| PR12 | Maximum value for the temperature setting range (COMF)                                                                                              | 0.5°   | +15.0° | +45.0° | +45.0° |
| PR13 | I synchronization I life<br><u>I time I battery</u><br>1 I fast I small<br>2 I standard I standard<br>3 I slower I extended<br>4 I very-slow I long | 1      | 1      | 4      | 2      |

### Screen: “PAIRING”



Line 1: “PAIR” - the pairing procedure  
Line 2: Frequency channel Ch (1..4) and pairing step

When the pairing procedure is complete, the device automatically switches to the main screen.

### WORKING WITH THE COMMAND MODULE

The command module **ThermoB.B1R1.WiFi** has three indicators, yellow (Link), blue (Internet) and red (Status) and one visible BTN button, see Diagram 1

**Red (Status) indicates the status of output R1.**

**Yellow** (Link) shows the operating status (manual / automatic)

**Blue** (Internet) indicates the presence of an Internet connection.

## Description of indicators

| Indicator                 | Action                                               | Description                                                         |
|---------------------------|------------------------------------------------------|---------------------------------------------------------------------|
| <b>Red</b><br>(Status)    | Saint                                                | The output of the device R1 is "On"                                 |
|                           | Not lit                                              | The output of the device R1 is "Off".                               |
| <b>Yellow</b><br>(Link)   | Does not light up,<br>flashes rarely for 1<br>second | "Automatic" mode, but no connection to the room<br>module via RF    |
|                           | Lights up, goes out<br>rarely for 1 second           | "Automatic" mode, signal is received from the<br>room module via RF |
|                           | Flashing (in 1 sec)                                  | "Manual" mode selected                                              |
|                           | Flashes quickly<br>(0.3sec)                          | RF pairing in progress                                              |
| <b>Blue</b><br>(Internet) | Does not light up,<br>flashes rarely for 1<br>second | Searching for internet connection                                   |
|                           | Saint                                                | Internet connection established                                     |

**BTN button: the button is used to change the operating mode.**

- Single press: changes the mode to "Manual". Each press of the BTN button changes the working state from On→Off→On→....
- Hold for 5 seconds: switches to "Automatic" mode
- Hold for 15 seconds: goes into RF pairing procedure

**CONNECTING TO WiFi:**

1. Press and hold the SETUP WiFi button for 10 seconds, see Diagram 1.
2. The Internet indicator for WiFi starts blinking quickly.
3. Download the Proxel Connect mobile app or via browser

**via mobile app.**

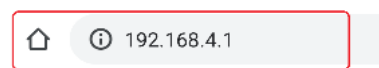
Proxel Connect



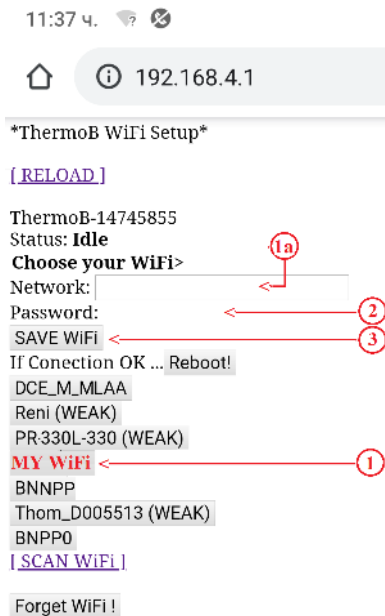
3. Connect an external device via WiFi to the "THERMOB-SETUP" network. Turn off mobile data and/or other network connections!!!
4. Click the gear icon at the bottom left and follow the instructions or use a browser.

**via web browser**

1. Open the browser and in the address bar type 192.168.4.1



Attention! Be careful to type the numbers in the address bar, not in the text bar.  
search !



2. Follow the instructions on the micro page: select your network from the list, set a password, press "SAVE WiFi".

Pos.1. Select your home network from the list by pressing the corresponding button (for example "MY WIFI")

Pos.1a. The name of the selected network will be displayed in this field.

Pos.2. Set the password for the network or leave the field blank if the network does not require a password

Pos.3. Press the "SAVE WIFI" button

3. Wait to receive a message about the successfully completed procedure or error message.

If you make a mistake, repeat the procedure from the beginning.

### **First registration in the system**

1. Open the main page of the Proxel Connect mobile application or, using a device with internet access, scan the QR code or open the address via a web browser: [web.proxel-bg.com](http://web.proxel-bg.com)



2. Register in the system by clicking the "REGISTRATION" button.



**Влизане**

Потребителско име или Имейл

Парола

[Забравена парола?](#)

**ВЛИЗАНЕ** **РЕГИСТРАЦИЯ**

**Регистрация**

Имейл

Парола

Име

Повторете новата си парола

☐ I'm not a robot

**ОТКАЖИ** **РЕГИСТРАЦИЯ**

3. Fill in the required fields for username, password, name, email. Select "I'm not a robot" and click "REGISTER"

4. After successful registration, enter your device's "identifier" and "key" in the fields by selecting "Devices"-> "Add" from the menu.

The device identifier is located on the receiver label and looks like this: "123141134 - ABCDF". Where "123141134" is the identifier and "ABCD" is the key

You can add multiple devices to your profile.  
You can add the same device to multiple accounts.

!!! The ThermoB team wishes you comfort and coziness in your home!!!

### Accessing the control panel

1. Open the main page of the Proxel Connect app and manage from there  
or manage via a web browser from a device with internet access by opening the address [web.proxel-bg.com](http://web.proxel-bg.com)  
or scan the QR code



2. Enter your username and password from registration (if you are entering them for the first time and they are not remembered)

### **COMPLIANCE:**

This product complies with the European Directives on Electromagnetic Compatibility 2004/108/EC, Low Voltage Equipment 2006/95/EEC, RoHS 2011/65/EU and Marking 93/68/EEC.

### **SAFETY:**

The instruction is applicable only to the room thermostat model ThermoB.RF1D.WiFi described and illustrated above with sub-models ThermoB.R1D and ThermoB.B1R1.WiFi.

The installation of this appliance must only be carried out by a competent person (installer) in accordance with local electrical and general safety codes, requirements and regulations. The installation of the appliance and its connection to the rest of the system is the sole responsibility of the installer.

|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Warning!! Risk of electric shock.</b></p> <p>There is a life-threatening voltage in the command module!!!<br/>Always disconnect the device from the power supply, as well as the device to which the device is connected: before opening the case and while the case is open, performing work on external electrical connections, installation, dismantling, moving the device<br/>Do not leave children and/or people with limited or reduced sensory or mental abilities with the appliance, risk of electric shock!<br/>Do not entrust the installation of this appliance to persons with little or no qualifications.</p> |
|  | <p>Remove the batteries from the room module during a long period of non-use.</p> <p>There are batteries in the room module, keep the device away from small children and/or people with mental disabilities.</p> <p>When replacing batteries, do not mix old and new ones. Dispose of old batteries at a battery collection point.</p> <p><b>The use of rechargeable batteries is not recommended.</b></p>                                                                                                                                                                                                                         |

|                                                                                   |                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>Use in hazardous environments.<br/>Do not use the device in an environment with an explosive atmosphere.<br/>Do not use the appliance near fuels and easily flammable raw materials.<br/>Do not use the appliance in areas where the air may accidentally be saturated with a conductive or explosive mixture, whether in powder or gaseous phase.</p> |
|  | <p>Protect the device from water and moisture!<br/>If you have any doubts about the proper operation of the device, immediately disconnect it from the power supply. Also disconnect the device to which the device is connected.</p>                                                                                                                     |

Please keep these instructions for future reference!

Technical data:

| Command module:                                         | Room module:                                   |
|---------------------------------------------------------|------------------------------------------------|
| Power supply SELV:230V / AC / 50Hz                      | Power supply: 2 x AAA batteries                |
| Consumption: <2VA                                       | Measuring t°: -10°..+45° in 0.5°C increments   |
| Output, voltage - free relay: 5A/230VAC                 | Setting t°: +15°C .. +45°C in 0.5°C increments |
| Overall dimensions: 90x90x25mm                          | Overall dimensions: 90x90x23mm                 |
| General                                                 |                                                |
| WiFi network, 2.4 Ghz/802.11b/g/n, WEP/WPA-PSK/WPA2-PSK | Operating RF frequency: 866 MHz                |
|                                                         | Working conditions:-5T45, RH80%                |
| RF radio range: 80-100m outdoors                        | Degree of protection:IP20                      |
| Contains TX FCC ID:2ADUIESP-1215                        |                                                |

### **QUICK REFERENCE:**

Mobile app: Proxel Connect – Android and iPhone

Weblink to the control panel: WEB.PROXEL-BG.COM



#### **Manual control:**

- Command module: press the BTN button once. Each press of the button changes the status from ON to OFF and vice versa.

The Link indicator flashes.

#### **Automatic control:**

- Command module: press and hold the BTN button for 5 seconds. The Link indicator lights up.

Full instructions available on our website.

Your device:

- identifier
- key
- serial number



[www.proxel-bg.com](http://www.proxel-bg.com)  
[www.ThermoB.eu](http://www.ThermoB.eu)