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TECH EU-C-8r Wireless Room Temperature Sensor User Manual

Contents

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Safety

Before using the device for the first time the user should read the following regulations carefully. Not obeying the rules included in this manual may lead to personal injuries or controller damage. The user's manual should be stored in a safe place for further reference. In order to avoid accidents and errors it should be ensured that every person using the device has familiarized themselves with the principle of operation as well as security functions of the controller. If the device is to be sold or put in a diff erent place, make sure that the user's manual is there with the device so that any potential user has access to essential information about the device.
The manufacturer does not accept responsibility for any injuries or damage resulting from negligence; therefore, users are obliged to take the necessary safety measures listed in this manual to protect their lives and property.
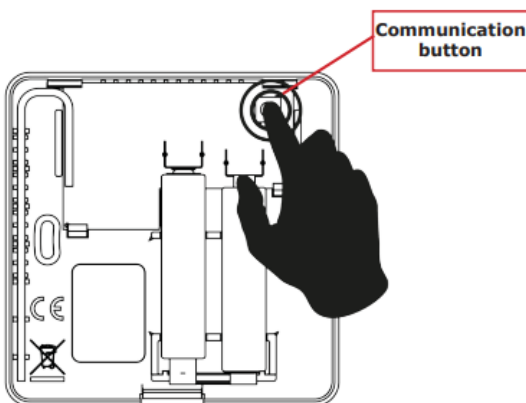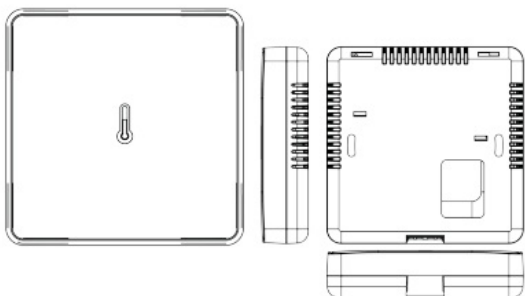
 WARNING

- The device should be installed by a qualified
- The sensor should not be operated by
- Before and during the heating season, the controller should be checked for condition of its cables. The user should also check if the controller is properly mounted and clean it if dusty or dirty

Description

The EU-C-8r is intended to be used with the EU-L-8e controller.
It should be installed in particular heating zones. It sends current temperature readings to the EU-L-8e controller which uses the data to control the thermostatic valves (opening them when the temperature is too low and closing them when the pre-set room temperature has been reached).

Communication button

Technical data

Power supply	batteries 2xAAA 1,5V
Room temperature adjustment range	50C÷350C
Measurement error	± 0,50C
Operation frequency	868MHz

How to register a EU-C-8r sensor in a given zone

Each sensor should be registered in a particular zone. In order to do it, in the EU-L-8e menu select Zone/Registration/Sensor. After selecting Registration, press the communication button on the selected temperature sensor EU-C-8r.
If the registration attempt has been successful, the EU-L-8e screen will display a message to confirm.

⚠️ **NOTE**

Only one room sensor may be assigned to each zone

Bear in mind the following rules:

- the maximum of one temperaturesensor may be assigned to each zone;
- once registered, the sensor cannot be unregistered, butonly switched off in the submenu of a given zone (OFF);
- if the user attempts to assign a sensor to the zone to which another sensor has already been assigned, the first sensor becomes unregistered and it is replaced by the second one;
- if the user attempts to assign a sensor which has already been assigned to a different zone, the sensor is unregistered from the first zone and registered in the new

For each temperature sensor assigned to a zone the user may define the pre-set temperature and a weekly schedule. It is possible to edit these settings both in the controller menu (Main menu / Sensors) and via the website emodul.eu. (using EU-505 or WiFi RS module
We are committed to protecting the environment. Manufacturing electronic devices imposes an obligation of providing for environmentally safe disposal of used electronic components and devices. Hence, we have been entered into a register kept by the Inspection For Environmental Protection. The crossed-out bin symbol on a product means that the product may not be disposed of to household waste containers. Recycling of wastes helps to protect the environment. The user is obliged to transfer their used equipment to a collection point where all electric and electronic components will be recycled

EU Declaration of conformity

Hereby, we declare under our sole responsibility that **EU-C-8r** manufactured by TECH STEROWNIKI II Sp. z o.o., head-quartered in Wieprz Biała Droga 31, 34-122 Wieprz, is compliant with Directive **2014/53/EU** of the European parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to

the making available on the market of radio equipment, Directive **2009/125/EC** establishing a framework for the setting of ecodesign requirements for energy-related products as well as the regulation by the MINISTRY OF ENTREPRENEURSHIP AND TECHNOLOGY of 24 June 2019 amending the regulation concerning the essential requirements as regards the restriction of the use of certain hazardous substances in electrical and electronic equipment, implementing provisions of Directive (EU) 2017/2102 of the European Parliament and of the Council of 15 November 2017 amending Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (OJ L 305, 21.11.2017, p. 8).

For compliance assessment, harmonized standards were used:

PN-EN IEC 60730-2-9 :2019-06 art. 3.1a Safety of use PN-EN 62479:2011 art. 3.1 a Safety of use
ETSI EN 301 489-1 V2.2.3 (2019-11) art.3.1b Electromagnetic compatibility ETSI EN 301 489-3 V2.1.1:2019-03 art.3.1 b Electromagnetic compatibility
ETSI EN 300 220-2 V3.2.1 (2018-06) art.3.2 Effective and coherent use of radio spectrum ETSI EN 300 220-1 V3.1.1 (2017-02) art.3.2 Effective and coherent use of radio spectrum EN IEC 63000:2018 RoHS

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EU-C-8r Wireless Room Temperature Sensor, EU-C-8r, Wireless Room Temperature Sensor, Room Temperature Sensor, Temperature Sensor, Sensor

References

- 🖥 **eModul.eu**
- **User Manual**