

RCU ET EnOcean

Quick Start Guide

Flywheel + Gateway D2-11-02



These operating instructions will guide you through the commissioning and use of your RCU ET EnOcean and answer all essential questions. Please read these operating instructions carefully, before using your RCU ET EnOcean. Hand over all documents when passing on to third parties.

Safety Information

- Never carry out repairs to your device yourself and never open your device.
- Do not make any modifications or changes to your device.
- Do not use the device if it is damaged.
- Use only the specified power supply.
- Use your device in a dry and dust-free environment.
- Only use original accessories.

Cleaning

To clean the RCU ET EnOcean, only use a dry to slightly damp towel. Avoid chemical solvents as they may damage the device.

Disposal



The adjacent symbol indicates that electrical and electronic apparatus no longer required must be disposed of separate from domestic waste in accordance with legal directives. Dispose of the device at a collection point provided by your municipal waste authorities.



Dispose of the packaging according to type. Dispose of cardboard and carton at waste paper collection points and foil at recyclables collection points. By recycling, material recovery or other forms of recycling, you are making an important contribution to protecting our environment.

Proper Use

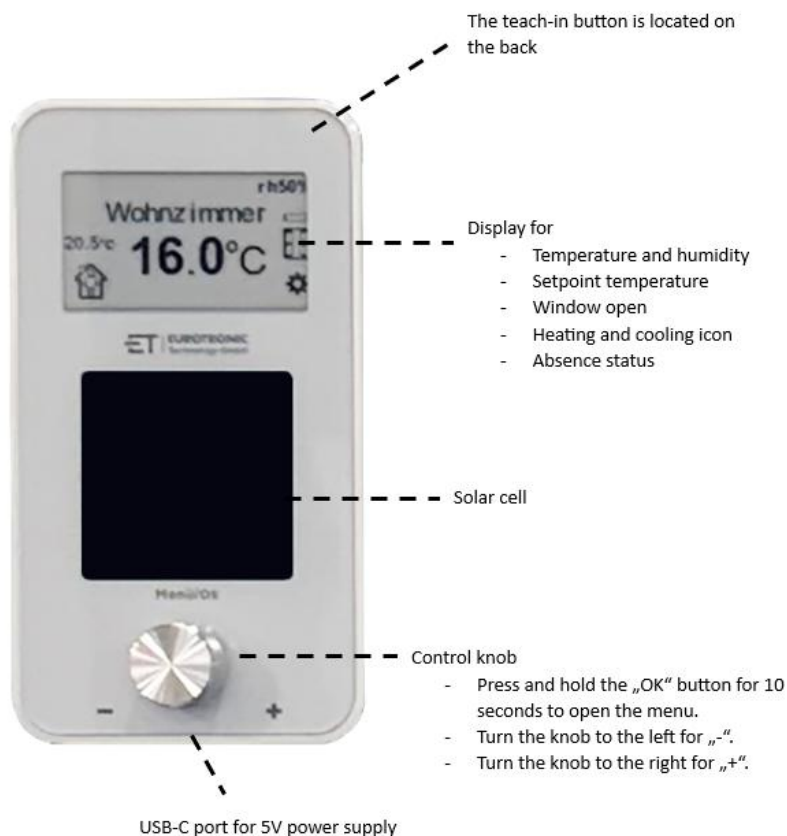
The RCU ET EnOcean is a room control unit designed to regulate room temperature. It enables convenient, time-controlled temperature regulation. The RCU ET EnOcean controls a radiator valve or another compatible actuator to

precisely regulate the heat flow into the room, thereby ensuring efficient and user-friendly climate control. This device is intended for indoor use only and is compatible with all standard EnOcean-based receivers. Use the RCU ET EnOcean exclusively indoors and in accordance with the manufacturer's technical specifications.

Scope of Delivery

- 1x RCU ET EnOcean Flywheel + Gateway D2-11-02
- 1x Quick Start Guide

Controls and Display elements



Symbols and indicators on the display

Symbols/display	Meaning
	Occupancy
	Unoccupancy
	Heating
	Cooling
	Window open

RCU Settings		
Display	Bright	Dark
Security	ON	OFF
Battery		100%
RSSI Level		-68 dBm
Software	2.0.24	-0.0.4

Menu – Access to settings and other functions

Installation

Open the RCU casing carefully. Next to the USB-C port on the underside of the RCU, there are two release tabs that need to be pressed in to open the casing. If it is stuck shut, you can gently lift it open using a flat-bladed screwdriver. Then set DIP switch no. 5 to the 'ON' position. The RCU will then restart. Once it has restarted, the display will show a setpoint temperature of 16 °C.

Connecting the RCU to the Gateway

Press the teach-in button to start the teach-in process. The RCU will then transmit UTE teach-in query telegrams for 60 seconds. As soon as the UTE teach-in response telegram has been received by the RCU, 'GW' will appear on the display.

NOTE: The Flywheel RCU supports standalone operation with Flywheel TRVs. A gateway is optional and is only required if you wish to use additional gateway functions.

Connecting the RCU to the Stella Pro EnOcean Flywheel

First, insert the battery into the Stella Pro. Once inserted, LED 1 will start flashing green, indicating that the device is ready for use. Next, press the button located at the top left of the back of the RCU to activate teach-in mode.

As soon as the connection between the Stella Pro and the RCU has been successfully established, LED 1 on the Stella Pro will light up green. At the same time, the RCU display shows "1 Device". In the next step, LED 2 on the Stella Pro will start flashing green. Now start the adaptation process on the valve by holding down the "AD" button for about 3 seconds. During the adaptation process, LED 2 flashes green rapidly.

IMPORTANT: After performing a power reset on the RCU or a TRV, the flywheel connection between the RCU and the TRVs must be reestablished.

Operation and Menu Navigation

To access the menu, press and hold the menu button for around 10 seconds. A menu item marked with a line is currently selected. Navigation and adjustment are carried out using a control knob: by turning it to the right (plus) or left (minus), you can adjust the selected menu item.

Confirm your entry with the 'OK' button to move to the next menu item. To exit the menu, use the control knob to navigate to the 'Exit' option and confirm your selection by turning the control knob to '+'. You will then return to the home screen. The temperature can be adjusted in 0.5°C increments. If you hold the control knob in one direction, the temperature will continue to change continuously. The key lock is activated by pressing the Menu/OK control knob and turning it towards "–" simultaneously, then

holding it for 4 seconds. It is deactivated by performing the same action.

Assembly

Next to the USB-C port on the underside of the RCU are two release tabs that need to be pressed in to open the casing. The base can be mounted on any wall or screwed onto a surface-mounted socket.

Reset the Device

To reset the device to its factory settings, press and hold the 'OK' button. Then, while continuing to hold down the "OK" button, also press the teach-in button and hold both buttons down for about 10 seconds. Once the "ET" logo appears on the display, the reset is complete. The standard display will then appear with a setpoint temperature of 16 °C.

Technical data

Parameter	Value
Supply voltage	USB-C 5V / Solar cell
Protection class	IP 30
Frequency band	868 MHz – Europe u. China 902 MHz – North America 928 MHz – Japan (on request)
EEP	D2-11-02
Communication interval	Flywheel

Overview of EnOcean EEP Profiles

A detailed overview of the EnOcean Equipment Profiles (EEP) can be found at the following link:

<https://tools.enocean-alliance.org/EEPViewer/>

Simplified Declaration of Conformity

CE EUROtronic Technology GmbH hereby declares that your RCU ET EnOcean complies with all applicable Community provisions of the European Economic Area Directive 2014/53/EU. The entire text of the EU Declaration of Conformity is available at the following Internet address: <https://eurotronic.org/service/downloads>

Manufacturer

Eurotronic Technology GmbH
Südweg 1
36396 Steinau-Ulmbach
Germany
www.eurotronic.org