

8. Configuring the sun function



Press the menu button several times until the menu LED lights up vellow.

8.1 Configuring the set limit (vellow menu)

1. Observe the LED scale.

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- The red LEDs indicate the set limit in 10 steps (5 LEDs - flashing / lit).
- If the current reading is higher than the set limit, the status LED also lights up green. The sensor will trigger the sun programme of the logged-on DuoFern devices in 10 minutes.
- 2. DID Configure the required set limit with the "+" or "-" button.
 - Low set limit Little sun is required to trigger the function.
 - High set limit More sun is required to trigger the function.
- 8.2 Accepting the current brightness as the set limit (yellow menu)

1. ()++ Press the **menu** and "+" button at the same time.

8.3 Accepting the sunshine position (yellow menu)

The current position of the logged-on DuoFern devices should be accepted as the sunshine position.

> Press the menu and "-" button at the same time.

This function is then transmitted to all logged-on DuoFern devices.

8.4 Testing the sunshine function

(yellow menu)

1.

++-Press the "+" and "-" button at the same time.

Test sequence (alternating)

Sun start / Sun end / Sun start

accordingly.



In the case of roller shutter controllers, a position change only occurs above the sunshine position.

The logged-on DuoFern devices react

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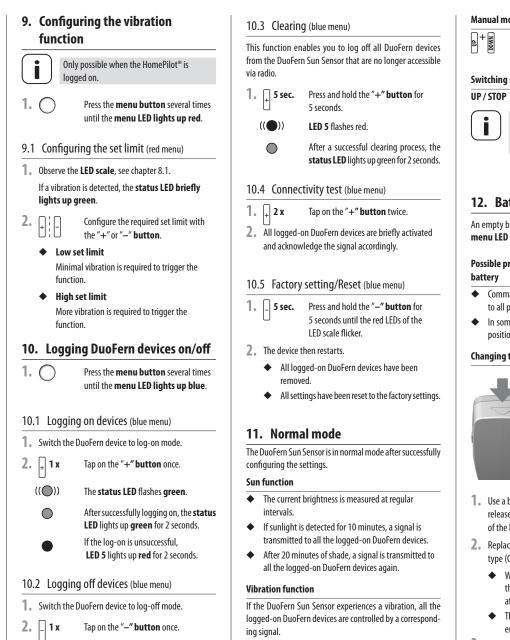
LED 5 flashes red.

After successfully logging off, the status

LED lights up green for 2 seconds.

LED 5 lights up red for 2 seconds.

If the log-off is unsuccessful,



A new vibration is only detected after one minute without any vibrations.

Testing the vibration function

You can test the function by pressing on the DuoFern Sun Sensor housing.

Manual mode You can use the UP and DOWN buttons to operate the logged-on DuoFern devices manually. Switching sequence: UP / STOP or DOWN / STOP The stop command must be issued within 90 seconds, otherwise the UP or DOWN movement command will follow again. 12. Battery replacement An empty battery is indicated by a **red flash** in the menu LED (once a minute). Possible problems/errors in the case of an empty Commands - such as "Sun start" - are not transmitted to all participants. • In some cases, roller shutters remain in the sunshine position **Changing the battery**





- **2.** Replace the battery with a new one of the same type (CR 2450).
 - When inserting the battery, pay attention to the correct polarity. The minus pole (-) is located at the top.
 - The battery is inserted correctly when the hooks engage.
- 3. Reattach the top part of the housing.

13. Technical specifications

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GENERAL INFORMATION	
Battery type:	1 x CR2450
Supply voltage:	3 V
Battery life:	approx. 4 years (with nine signals/day)
Permissible ambient temperature:	+ 5 °C to + 40 °C
Dimensions (W x H x D):	35 x 74 x 21.4 mm (incl. suction cap)
RADIO DATA	
Transmission frequency:	434.5 MHz
Transmission power:	max. 10 mW
Radio range within a building:	up to 30 m, depending on the building structure
Maximum number of DuoFern end units:	5

14. Simplified EU declaration of conformity

C € RADEMACHER Geräte-Elektronik GmbH hereby declares that the DuoFern Sun Sensor complies with the Directive 2014/53/EU (Radio Equipment Directive). The full text of the EU declaration of conformity is available on our website. www.rademacher.de/ce

Warranty terms and conditions

Information about the warranty conditions of our products can be found on the homepage.