

## 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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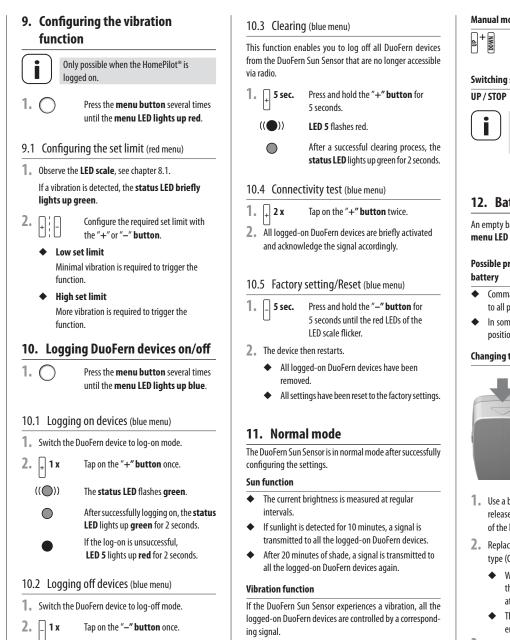
LED 5 flashes red.

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

15. Technical specifications	
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.