

8. Configuring the sun function



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

8.1 Configuring the set limit (vellow menu)

Observe the LED scale.

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- The red LEDs indicate the current set limit in 10 steps (5 LEDs - flashing / lit).
 - Low set limit (LED 1 is lit) Little sun is required to trigger the function.
- High set limit (LED 5 is lit) More sun is required to trigger the function.
- If the current brightness 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.
- Accepting the current brightness as the set limit

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

- +¦-Configure the required set limit with the
 - "+" or "-" **button**.
- 8.2 Accepting the sunshine position

(yellow menu)

or

The current roller shutter 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.

- 8.3 Testing the sunshine function (yellow menu)
 - Press the "+" and "-" button at the same time.

Test sequence (alternating)

Sun start / Sun end / Sun start



1. ++-

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



1. (Press the menu button several times until the menu LED lights up red.

logged on.

9.1 Configuring the set limit (red menu)

Only possible when the Premium gateway is

- 1. Observe the LED scale, see chapter 8.1. If a vibration is detected, the status LED briefly lights up green.
- 2. Configure the required set limit with the "+" or "-" **button**.
 - Low set limit Minimal vibration is required to trigger the function.
 - High set limit More vibration is required to trigger the function.

10. Logging DuoFern devices on/off

 $1. \bigcirc$ Press the menu button several times until the menu LED lights up blue.

10.1 Logging on devices (blue menu)

- **1.** Switch the DuoFern device to log-on mode.
- 2. | 1x Tap on the "+" button once.
 - $((\bigcirc))$ The status LED flashes green.
 - After successfully logging on, the status \bigcirc LED lights up green for 2 seconds.
 - If the log-on is unsuccessful, LED 5 lights up red for 2 seconds.

10.2 Logging off devices (blue menu)

- **1.** Switch the DuoFern device to log-off mode.
- 2. 🗌 1 x Tap on the "-" button once.
 - (()) LED 5 flashes red.
 - \bigcirc After successfully logging off, the status LED lights up areen for 2 seconds.
 - If the log-off is unsuccessful, LED 5 lights up red for 2 seconds.

10.3	Clearing (blue menu)	

This function enables you to log off all DuoFern devices from the Smart sun sensor that are no longer accessible via radio.

- **1**. [] **5** sec. Press and hold the "+" button for 5 seconds.
 - (()) LED 5 flashes red.
 - After a successful clearing process, the status LED lights up green for 2 seconds.
- 10.4 Connectivity test (blue menu)
- 1. **↓** 2 x Tap on the "+" button twice.

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2. All logged-on DuoFern devices are briefly activated and acknowledge the signal accordingly.

10.5 Factory setting/Reset (blue menu)

- **1. 5 sec.** Press and hold the "-" button for 5 seconds until the red LEDs of the I FD scale flicker.
- The device then restarts.
 - All logged-on DuoFern devices have been removed
 - All settings have been reset to the factory settings.

11. Normal mode

The Smart sun sensor is in normal mode after successfully configuring the settings.

Sun function

- The current brightness is measured at regular intervals.
- If sunlight is detected for 10 minutes, a signal is transmitted to all the logged-on DuoFern devices.
- After 20 minutes of shade, a signal is transmitted to all the logged-on DuoFern devices again.

Vibration function

If the Smart sun sensor experiences a vibration, all the logged-on DuoFern devices are controlled by a corresponding signal.

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 Smart sun sensor housing.



- 1. Use a blunt object to gently press in the housing release latch from above and remove the top part of the housing.
- 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 remperature:	+ 5 °C to + 40 °C		
Dimensions (W x H x D):	35 x 74 x 21.4 mm (incl. suction cap)		
RADIO DATA			
Fransmission frequency:	434.5 MHz		
Fransmission 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 € DELTA DORE RADEMACHER GmbH hereby declares that the Smart 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.homepilot-smarthome.com

Warranty terms and conditions

Information on the warranty conditions is enclosed with the product.