WeiTronic Agido-868 assembly and operating instructions

WeiTronic Agido-868 product protection sensor

The WeiTronic Agido-868 product protection sensor automatically retracts the awning (and *motorised Volant Plus*, if installed) if the drop profile is roughly shaken by wind or other factors. This means the awning is protected against damage in strong winds.
With the exception of an occasional battery change, the WeiTronic Agido-868 product protection sensor does not require special operation.
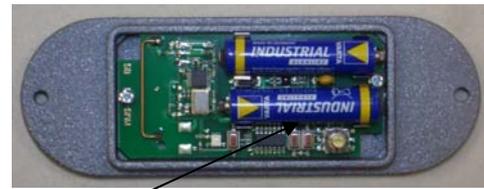
Changing the batteries on the Wei-Tronic Agido-868

The batteries in the **WeiTronic Agido-868** need to be changed every two years. To test at any time whether the sensor is working as it should (i.e. that the awning is retracted), simply shake the drop profile.
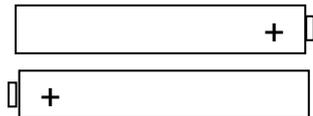
To do so, proceed as follows:

1. Extend the awning.

2. [1]If necessary, disconnect the awning from the power supply (to stop the awning retracting while you change the batteries)

3. Undo the two screws and remove the lid.

4. Take out the batteries and replace them with two new batteries of the same type (micro, AAA, LR03). Make sure to replace the batteries the right way round.

Movement key

5. To check they are working, press one of the two movement keys on the device: the indicator should light up

6. Close the sensor lid again and re-tighten the two screws. Make sure the gasket is correctly positioned.

7. Switch the power supply for the awning back on.

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[1] **IMPORTANT**: Depending on the type and version of receiver being used, you may find that, if the sensor sets off an upwards movement, this cannot be overridden using the handheld transmitter. With these receivers, the awning can only be operated again as usual after a period of approx. 22 minutes.

Assembly/service information

The remote control is normally preset when delivered. Once the awning is connected to the power supply it can be operated directly from the handheld transmitter.

After connecting the awning to the electrical system, it is important to check that the handheld transmitter and all the supplied sensors are working:

- Can all the components be operated (awning, valance, light if included)?
- Are all the sensors preset to the correct direction?
  - Simulating "wind" by the sun/wind (or sun/wind/rain) sensors ➔ Awning retracts
  - Shaking the drop profile (only for Opal Design (Lux) with Volant Plus) ➔ Awning retracts

In rare cases or in case of servicing the remote control must be initialised on site.

Activating the WeiTronic Agido-868 product protection sensor

The threshold value in the product protection sensor can be adjusted inside the device using a screwdriver. The threshold values can range between 1 (very high sensitivity) and 9 (low sensitivity). The sensor can be deactivated by setting it to a threshold value of 0.
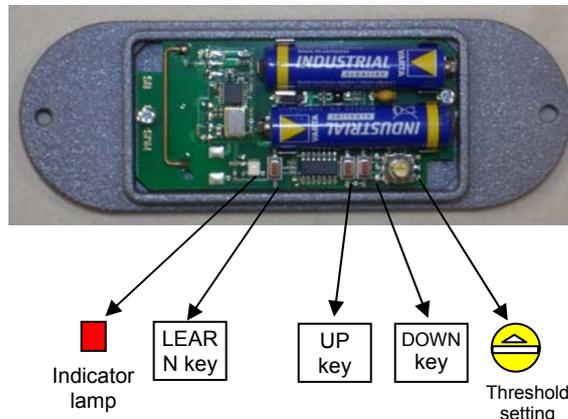
The sensor is delivered set to a threshold value of 3.

Initialising the WeiTronic Agido-868 product protection sensor (if not already the factory default)

To use the **WeiTronic Agido-868 product protection sensor** all other WeiTronic components must already have been properly initialised. Take special care to ensure that the awning can be extended and retracted using the handheld transmitter.
If a conventional sun/wind sensor is installed this must also have previously been initialised. After the **WIND key** is pressed (UP key) the sun protection unit must retract upwards (into the housing). After the **SUN key** is pressed (DOWN key) the sun protection unit must extend down (into the sun protection position).

1.) **Open the housing.** Familiarise yourself with all the operating elements in the sensor.

| Indicator lamp | LEARN key | UP key | DOWN key | Threshold setting |

2.) **Check** the batteries are in the right position.

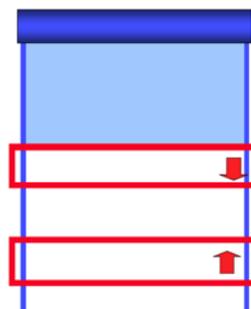For the next step, hold the sensor as shown. This will make it easier to follow the description.

3.) **Programming the sensor:**
   a. For multi-channel transmitters: on a preset Remoto handheld transmitter, select the channel used to operate the folding arm awning.
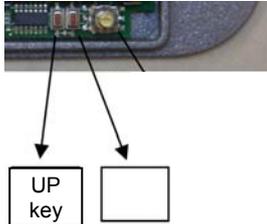
   b. Enter programming mode: press **the LEARN key** on the back of the transmitter at the same time as the **UP** and **DOWN** keys on the front for about 3 seconds.
   The receiver then enters the programming mode for about 2 minutes. During this time the awning moves up for 4 seconds then down for 4 seconds.
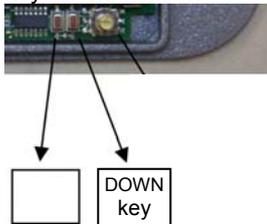
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c. Immediately after the awning starts moving up (within the first second) press the UP key on the sensor.

UP key

The receiver confirms the command by briefly stopping the awning and then moving it up further. If the receiver does not confirm the command, simply repeat this step on one of the next cycles.

d. Immediately after the awning starts moving down (within the first second) press the DOWN key on the sensor.

DOWN key

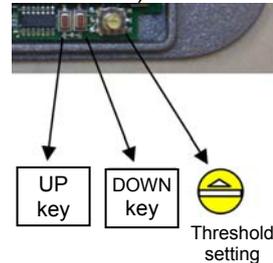The receiver confirms this command by leaving the programming mode; the sunshade stops moving.

4.) Check function / set threshold value:
a. After the UP key in the sensor is pressed the awning should retract.

b. After the DOWN key in the sensor is pressed the awning should move into sun protection position.

If it does not move in the correct direction, the sensor must be deleted from the receiver and programmed again according to Step 3. When doing so, pay special attention to the awning direction.

If the direction is correct, continue as follows:
c. Set the threshold value to a low figure, e.g. 1 (one click clockwise when held in the position shown here).

UP key DOWN key Threshold setting

d. When the sensor is very gently shaken the awning should retract immediately.
It is NOT[2] possible to stop the awning moving using the STOP key on the handheld transmitter.
e. Now set the threshold value for regular use to a less sensitive figure.
At first we recommend setting it to 3 or 4.

If the awning retracts too early when in use, the value can be adjusted later.

5.) Close the housing:
Replace the sensor lid and gasket and tighten the screws.

6.) Check function:
Check that the devices are correctly installed and functioning by setting the drop profile in motion at the preset threshold.

Additional information

Deleting the sensor from a receiver

If necessary you can delete the sensors from a programmed receiver by keeping all three keys in the sensor (UP + DOWN + LEARN) pressed for about 3 seconds.

The receiver can then no longer be operated using this sensor.

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[2] Depends on the type of receiver and device version

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⚠ℹ T echnical specifications

WeiTronic Agido-868

Power supply LR03	Alkaline battery, AAA,
Permissible ambient temp.	-15 to +50 °C only for use in drop profile
Radio frequency	868.3 MHz
Radio protocol	WeiTronic / Elero / Griesser / Roma
Switching method threshold exc	UP command if value eeded
Threshold values	0 = OFF, 1 = very high sensitivity to 9 = very low sensitivity

⚡ Safet y notes

For human safety it is important to follow the safety notes included with your WeiTronic products.

Please also comply with the following advice:

- Do not interrupt an UP movement triggered by the sensor unless you are absolutely sure that this will not cause any harm to the awning.
- The Agido-868 device may be opened to change the battery. Apart from this, only authorised persons should carry out any repairs to the sensor.
- Keep the controls away from children.
- Comply with country-specific regulations.

General stipulations for operating remote control units:

- Please note that remote control units may not be operated in areas at a high risk of interference (e.g. hospitals, airports).
- The remote control and the sensor may only be used with devices and units which, in case of malfunction in the handheld transmitter, sensor or receiver, do not pose a risk to people, animals or objects, or if this risk is covered by other safety facilities.

- The operator is not protected against interference from other remote control units and terminal equipment (e.g. remote control units being correctly used within the same frequency range).

Note:
The **WeiTronic Agido-868** is a protective extension to your high-quality folding arm awning with WeiTronic remote control.
- The decision must be made individually, on site, whether to do without a standard sun/wind or sun/wind/rain sensor. Please note that down draughts and gusts cannot always be reliably recognised by any of the sensors available in very changeable weather. In these weather conditions we recommend retracting folding arm awnings beforehand and switching off the automatic sun control if installed.
- Deactivate the Agido-868 on an awning with *manual Volant Plus* (crank-operated) if there is a risk of damage occurring due to the awning retracting automatically while the valance is extended.

Note:
Remote control units transmitting on the same frequency may disrupt the signal.
Please note that the law and constructional measures set limits on the range of the remote control signal.

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