WeiTronic Combio-868 ML (awning / light) assembly and operating instructions

Combio-868 ML receiver

This remote control is used to operate the awning motor and integrated lighting.


General operating information

To operate the awning (or the light) it may be necessary to set the correct channel for the handheld transmitter.

Changing channels on the handheld transmitter:
Selecting the channel (5 channels at most)

- Pressing the [⬛] selection key (less than 1 second) reveals which channel is active.
- Change the channel by pressing the selection key again (less than 1 second).

Press the key on a channel to which the awning is preset	Outcome
[▽] DOWN key	Awning extends (to sun protection position)
[△] UP key	Awning retracts (into the housing).
[•] STOP key	To stop the awning at any position

Awnings with integrated lighting have the added feature of switching the lighting off and on and dimming it via the remote control.

Pressing the key on a channel to which the awning is preset …	… leads to …
[△] UP or [▽] DOWN	To turn on the light
[△] Keep UP pressed down	To brighten light
[▽] Keep DOWN pressed down	To dim light
[•] STOP key	To turn off the light

Signals

The awning movement indicates important operating conditions

	Possible cause
Following a DOWN command, awning extends only a short way, then immediately retracts	**Receiver locked**
	- Maximum wind factor on sun/wind or sun/wind/rain sensor exceeded. The device unlocks automatically 15 minutes after the maximum wind factor was last exceeded
	- WeiTronic Agido-868 product protection sensor has been triggered in last few minutes. The device unlocks automatically after 3 minutes.
	- Preset sun/wind or sun/wind/rain sensor is faulty or incorrectly installed. The device will only unlock when the error has been eradicated.
Awning moves UP and cannot be halted or extended	**"Wind alarm"**
	- Preset sun/wind and/or sun/wind/rain sensor or the Agido-868 product protection sensor has been triggered. The device unlocks automatically after the designated period.
Following an UP command the awning stops after a while then continues	**Low battery**
	- The batteries need changing in a preset WeiTronic Agido-868 product protection sensor.

WeiTronic Combio-868 ML

⚠ Assembly/service information

Service work must only be carried out by a qualified expert
Electrical work may only be carried out by an authorised electrician. Before carrying out any work on the unit, disconnect it from the power source.

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.

Initialising the WeiTronic Combio-868 ML receiver

1.) Connect awning to power supply (or disconnect briefly directly before setup)
2.) For multi-channel transmitters: using a Remoto transmitter, select the channel on which to preset the awning (e.g. channel 1).
3.) Start programming mode: within 5 minutes of disconnecting from power, press LEARN key on handheld transmitter.
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.

   a. Immediately after it starts moving up (within the first second) press the ▲ UP key on the transmitter.

   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.

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

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

4.) If integrated lighting is included in the Combio-868 ML, the light programming mode will start automatically. Program the light by taking the following steps.
For designs with no light, stop the programming mode by pressing the ● STOP key

5.) The light is now in programming mode when it flashes alternately between 100% and 50% power.

   a. Using a Remoto transmitter, select the channel on which to preset the lighting (e.g. channel 2).

   b. Within the first second that the lighting flashes with 100% power, briefly press the ▲ UP key. The receiver confirms this command by briefly switching on and then off.

   c. Within the first second that the lighting flashes with 50% power, briefly press the ▼ DOWN key. The receiver confirms this command by briefly switching off.

6.) If necessary, initialise other transmitters or sensors

7.) Finally, check the awning and lighting have been successfully programmed.

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WeiTronic Combio-868 ML

 Technical specifications

WeiTronic Combio-868 ML

Power supply	230 V
Frequency	50 HZ
Maximum power input	350 W
IP code	IP 54
Permissible ambient temp.	-20 to +80 °C
Radio frequency	868.3 MHz
Radio protocol	WeiTronic / Elero / Griesser / Roma
Supply line	AMP plug, 2-pole with earthing cable and ring-type terminal for 6 m cable with safety plug
Awning motor input	AMP plug, 4-pole blue – black – brown
Light input:	AMP plug, 2-pole blue – purple
Awning switching method mode	Coordinated operating Awning / valance; each self-locking until end position recognised
Light switching mode	Light on / off Dim light
Compatibility	- Remoto handheld transmitter - UniTec-868 wall transmitter - WeiTronic Agido-868 - WeiTronic Sensero-868 AC230 Plus - WeiTronic Aero-868 AC230 - WeiTronic Aero-868 solar

 Safety 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.
- 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:
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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