Easy interaction between house and garden

Accessoires WeiTronic remote control system

weinor
THE AWNING
... more than sun protection

Remote control at a high level
*Shade, light and heat can be easily controlled remotely with weinor remote control technology. Awnings, lighting and heating can be fitted with remote controlled receivers of the **WeiTronic Combio** series. With just one **WeiTronic Remoto remote control unit** you can control all the equipment independently of each other or together. It couldn't be more comfortable.*

Technical details

WeiTronic Remoto
- **Safety**
  Thanks to narrow band transmission on the 868 MHz frequency without faults or interference from adjacent frequencies
- **Range**
  Up to 100 m outdoors
- **Operation**
  Easier than TV remote controls, good looking and handy
- **Dimensions**
  Width 55 mm, height 118 mm, depth 22 mm
  Wall bracket diameter approx. 47 mm
- **Weight**
  Approx. 80 g

WeiTronic Combio
- **Reception and operation**
  The **WeiTronic Combio** receives the radio signal from the **Remoto** handheld unit and, for example, starts the tubular motor that is integrated into the awning
- **Pre-setting**
  The receivers are paired with the **Remoto** handheld units and sensors in the factory
- **Service friendly**
  As it is separate from the motor, the receiver can be replaced and existing systems can be added to without removing the motor
- **Intelligence**
  The **WeiTronic Combio** "remembers" the settings and can be programmed accordingly
- **Inconspicuous looks**
  The small unit is hidden by a specially designed cover rail

WeiTronic sensors
- **With or without electric leads**
  Depending on the requirements the sensors are fed by solar cells or a 230 V cable
- **Control**
  The sun function of the **WeiTronic** sensors is activated and deactivated via a **Remoto** handheld unit

Wall sensor
WeiTronic Unitec-868
- Fitted to the wall, it controls one receiver or a group of them

The technical product highlights of the **WeiTronic Remoto** remote control units

WeiTronic Remoto 1 with wall holder

WeiTronic Remoto 5

Remoto wall holder

WeiTronic Remoto 1

It controls 1 receiver (e.g. an awning with **WeiTronic Combio-868 MA**) or a group of receivers (e.g. dimming function for lighting or heating).

WeiTronic Remoto 5

It controls 5 receivers (e.g. 5 awnings) or 5 groups of receivers (e.g. 5 groups of awnings) individually or at the same time.

Practical wall holder

This gives the remote control unit a permanent home on the wall.

WeiTronic Remoto 1M

WeiTronic Remoto 5M

WeiTronic Remoto 1M

It controls 1 receiver (e.g. an awning with **WeiTronic Combio-868 MA**) or a group of receivers (e.g. dimming function for lighting or heating), and, in addition, it activates or deactivates the sun sensor **WeiTronic Lumero-868** or the sun and wind sensor **WeiTronic Aero-868**.

WeiTronic Remoto 5M

It controls 5 receivers (e.g. 5 awnings) or 5 groups of receivers (e.g. 5 groups of awnings) individually or at the same time, and in addition it activates or deactivates the sun sensor **WeiTronic Lumero-868** or the sun and wind sensor **WeiTronic Aero-868**.

We reserve the right to make technical alterations. December 2006

The technical product highlights of the weinor **Combio** remote control receivers

WeiTronic Combio-868 MA

This receiver controls conventional tubular motors. It is supplied with a plug cap, 5 m mains cable and a STAK3 Hirschmann plug. The **Combio-868 MA** is used for electrical connections instead of the normal plug-in connection. It can be fitted easily outside the awning.

The **WeiTronic** remote control ordered with a weinor awning is paired before being delivered. The receiver's aerial can be adjusted easily to optimise reception (e. g. over longer distances).

WeiTronic Combio-868 HD

The receiver controls and dims the **heating system Tempura**. It is supplied with a design strip in RAL 9016 and 6.5 m mains lead with earthed plug (IP44) in white.

WeiTronic Combio-868 LD

The receiver switches weinor light bars on and off and dims them, and does the same for the lighting which is integrated into the awnings. It is fitted inside the strip or the awning housing.

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ⓘ The entire system's intelligence is hidden in the **WeiTronic Combio**. The **Combio** notes the settings and can also be programmed individually.

The extended **WeiTronic** range

WeiTronic wall remote control unit Unitec-868

It is wall-mounted and enables control of one or a group of receivers from a fixed location. It can also be used to activate or deactivate the sunlight function of a **WeiTronic** sensor.

WeiTronic AstroTec-868

When used in conjunction with a **WeiTronic Combio** remote control receiver, the remote control time switch is designed to switch the **heating system Tempura** on and off at pre-set times (e.g. in a **WeiTop Carport**). Naturally it can also be used to control awnings. The **AstroTec-868** can be mounted easily on a wall, and from its fixed location its multi-language facility (language can be selected) can be used to set it. The unit has several switching programmes. That way, different settings can be used for weekdays, weekends, holidays and the level of sunlight.

The technical product highlights of the **WeiTronic** sensors

WeiTronic Aero-868 solar

This sun and wind sensor is powered by a solar cell and does not need a connection lead. It retracts the awning automatically in the wind and opens it in sunlight. The sensor's automatic sunlight detector is activated and deactivated with a **WeiTronic Remoto 1M** or **5M**. The wind function cannot be deactivated.
The trigger value for wind and sun can be set on the unit. That way, its sensitivity can be set to match local conditions.
The unit has two buttons to control movement and enable the programming to be checked.

WeiTronic Aero-868 AC 230

This sun and wind sensor is fed from a 230 Volt source and retracts the awning automatically in the wind and opens it in sunlight.
The sensor's automatic sunlight detector is activated and deactivated with a **WeiTronic Remoto 1M** or **5M**. The wind function cannot be deactivated.
The trigger values for wind and sun can be set on the unit. That way its sensitivity can be set to match local conditions.
The unit has two buttons to control movement and enable the programming to be checked.

WeiTronic Sensero-868 AC 230

This innovative sun-wind-rain sensor also retracts your awning when its starts to rain. In addition to the light sensor, this device has a flowmeter underneath, and since it has no windmill, is significantly slimmer than previous models.

WeiTronic Lumero-868

The sun sensor is powered by a solar cell and does not need a connection lead. It opens the awning automatically in sunlight. The sensor is activated and deactivated with a **WeiTronic Remoto 1M** or **5M**.

ⓘ **Delay times:**
Wind: if the trigger value has been reached the unit is retracted and remains locked for 15 minutes.
Sun: the unit only reacts when the sun sensor is active (sun symbol on the handheld unit). When the sensor is active and the trigger value has been reached or exceeded for 5 minutes the awning opens, but it can be overridden manually. If sunlight goes below the trigger value for 15 minutes the awning retracts, but it can be overridden manually.

ⓘ For sun shades whose main purpose is protection from view (also for exhibitions), we recommend the 230 Volt versions.

Examples of **WeiTronic** remote control functions

Required function	Handheld unit required	Receiver unit required	Sensors required
I. Open and retract one awning	> Remoto 1	+ Combio 868 MA	
II. Open and retract one awning + automatic sun & wind functions	> Remoto 1M	+ Combio 868 MA	+ Aero-868 Solar
III. Open and retract one awning + control and dim light (e.g. with Opal Lux)	> Remoto 5	+ Combio 868 MA + Combio 868 LD	
IV. Open and retract one awning + control and dim light (e.g. with Opal Lux) + control and dim heating system Tempura + automatic sun & wind functions	> Remoto 5M	+ Combio-868 MA + Combio-868 LD + Combio-868 HD 1.5 kW	+ Aero-868 Solar

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Functional diagram for operating **WeiTronic** remote controls

Channel 1: awning

Channel 2: heating

Channel 4: light

Channel 5: 2nd awning or 2nd Tempura, for example

Switch to manual operation

Activate/deactivate Sun and wind monitor

Channel 3: for 2nd awning or 2nd Tempura, for example

WeiTronic Remoto 5M handheld remote control

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