



# SOLIRIS RECEIVER

## Inteo Sun & Wind - Remote

### Installation and Operating Instructions

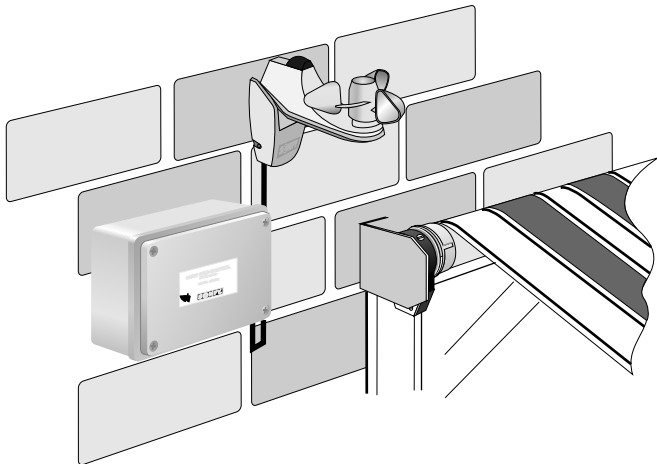
#### DESCRIPTION



Catalog No: 6301024

The new Somfy Soliris Receiver enables a motorized window treatment to provide shading from the sun and protection from the wind automatically and conveniently. The Soliris combined sun and wind sensor continually monitors sun intensity and wind speed, triggering the control unit to extend or retract an awning as needed. It includes an integrated radio receiver that makes it possible to operate the controls individually or in groups, using the Telis transmitters. Two user-defined intermediate positions can be programmed. This new control is packaged in a weatherproof enclosure and includes watertight strain-relief fittings for wires entering the box.

#### INSTALLATION PROCEDURES



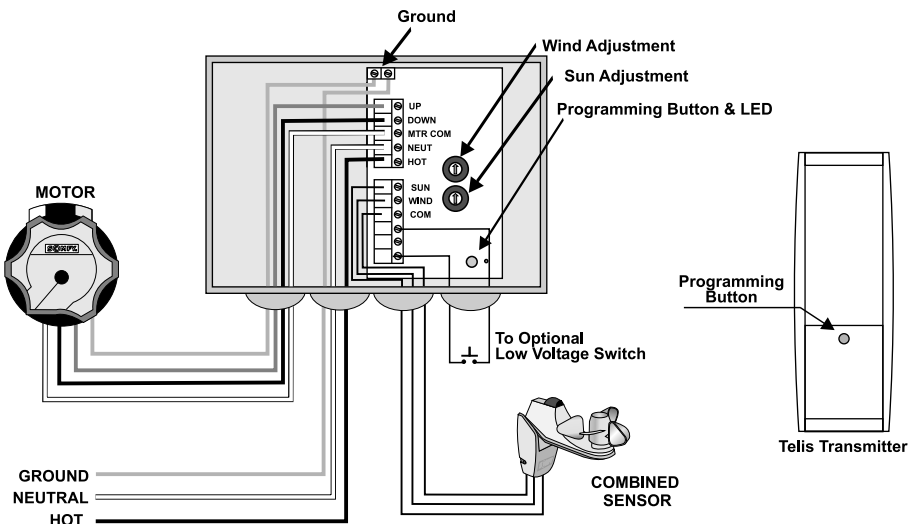
1. The Soliris Receiver should be mounted as close to the motor as possible. If mounted outside, ensure that the connections are facing down to avoid rain seepage. Avoid mounting the control against any metallic surface, as this may affect the radio reception.
2. Connect high and low voltage wires according to the wiring diagram below. It is recommended that the low voltage wiring is done first, for easier access to the terminals. Make sure to use included watertight strain relief fittings to maintain the weatherproofing of the enclosure.
3. The combined sensor should be placed close to the awning or shading system to make sure the wind speed is measured at the product. Guard against installing the wind sensor too close to an obstruction such as a chimney, gutter or the window treatment itself, which could block the wind and cause erroneous sensor readings. The sensor should also not be mounted in the shade or be obstructed by trees, to ensure accurate sunlight readings. The sensor should not be more than 100 feet from the control. Remove the back cover of the sensor and connect the three wire cable (included) from the terminals on the sensor to the terminals on the control. Refer to the diagram below.
4. When using a low voltage switch, it should be located no more than 100 feet from the Soliris Receiver.

#### WIRING DIAGRAM

##### COLOR CODE

	BLACK
	RED
	GREEN
	WHITE

**NOTE:**  
Mount control with fittings facing downward!



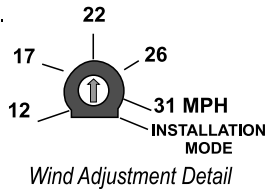
# OPERATING INSTRUCTIONS

## System Set Up

1. With power off, wire the Soliris Receiver as indicated on the previous page. Turn all circuit breakers on (motors should not move).
2. Set the Soliris Receiver into programming mode by pressing the programming button until the LED lights (about 5 seconds).
3. Press the programming button on the Telis1, Telis4 or Telis Soliris transmitter. The programming LED will blink indicating the transmitter has been memorized.
4. Operate each motor in the DOWN direction using the radio transmitter.
5. The motorized treatment should move down or out. If this is incorrect, turn off the circuit breakers and reverse the red and black wires of the motor. **FAILURE TO CORRECT THIS ERROR WILL CAUSE DAMAGE TO AWNING BY EXTENDING IT DURING WINDY CONDITIONS.**

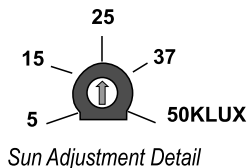
## Setting The Wind Level

1. To change the wind sensitivity, simply rotate the wind adjustment knob to the desired setting. At the Installation Mode setting, all time delays are reduced.



## Setting The Sun Level

1. To change the sun sensitivity, simply rotate the sun adjustment knob to the desired setting. **NOTE: DO NOT** set the sun level at the extreme minimum setting; this may cause the awning to extend when no sun is present.



## Operating Procedures

### TRANSMITTER

1. Pressing the UP button on the Telis transmitter will move the window treatment up or in. The DOWN button will move the treatment down or out.
2. To stop the motorized treatment at any time, press the CENTER button on the transmitter.
3. To reach one of the intermediate positions, the awning or rolling shutter must first be stopped at the upper or lower limit. Pressing the center button on the transmitter will move the window treatment to the dedicated position.
4. Pressing the SUN/WIND button on the Telis Soliris Transmitter will toggle between wind only and sun and wind operation. When the wind only function is selected, the Soliris Receiver will not activate according to the sun levels.

### SUN FUNCTION

5. When the measured sun intensity is greater than the set level, a DOWN command is given after a 2 minute delay. If the upper intermediate position is set, the awning or shade will go to that position. Otherwise, it will go to the lower limit.
6. When the sun intensity falls below the set level, the awning will retract automatically after a 15 - 30 minute delay, assuming no wind present.

### WIND FUNCTION

7. When the monitored wind speed is greater than the setting, the UP direction will activate after 2 seconds. As long as the wind speed remains high, all other commands will be ignored.
8. When the wind speed drops below the set value, the Soliris Receiver will extend the awning automatically after a 12 minute delay. However, a manual command can be given with the radio transmitter after only one minute.

### LOW VOLTAGE SWITCH

9. If desired, a single pole, single throw switch can be connected to the low voltage terminals. Each press of the switch will sequence through the directions as follows:  
DEPRESS 1 UP DIRECTION  
DEPRESS 2 STOP  
DEPRESS 3 DOWN DIRECTION  
DEPRESS 4 STOP

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## PROGRAMMING PROCEDURES

### RECORDING THE INTERMEDIATE POSITION FROM THE TOP OF THE WINDOW TREATMENT

- Bring the window treatment to its upper limit using the Telis transmitter. Press the DOWN and CENTER buttons simultaneously until the awning begins to move, then release.
- Stop the awning at the intermediate position desired. Press the CENTER button for 2 seconds to memorize that position.

### RECORDING THE INTERMEDIATE POSITION FROM THE BOTTOM OF THE WINDOW TREATMENT

- Bring the motorized treatment to its lower limit. Press the UP and CENTER buttons simultaneously until the awning begins to move, then release.
- Stop the awning at the position desired. Press the CENTER button for 2 seconds to memorize that position.

### DELETING AN INTERMEDIATE POSITION

- Briefly press the CENTER button of the Telis transmitter to reach the desired intermediate position.
- Continue to press the CENTER button for 10 seconds until the programming LED stops blinking.

### TO ADD A NEW TRANSMITTER TO THE MEMORY OF THE RECEIVER

- Press the programming button (for more than 2 seconds) on a transmitter that is already memorized by the Soliris Receiver to wake up the receiver. The programming LED will light. Press the programming button on the new transmitter to attach it to the Soliris Receiver.
- **It is not recommended to store more than one Telis Soliris transmitter in the memory of the receiver.**

### TO REMOVE A TRANSMITTER FROM THE MEMORY OF THE RECEIVER

- Press the programming button on the Soliris Receiver until the LED lights. Quickly press the programming button on the transmitter you want to remove.
- TO REMOVE ALL TRANSMITTERS FROM THE MEMORY OF THE RECEIVER (Resetting of the Soliris Receiver)
  - Press and hold the programming button of the Soliris Receiver until the LED blinks. This removes ALL memorized transmitters.

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