

CHERUBINI

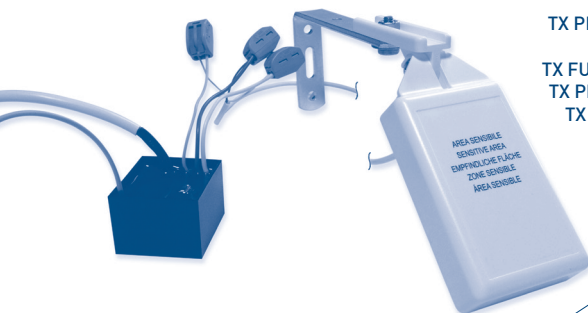
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CHERUBINI REMOTE CONTROL

A520016 RUGIADA

TX PLUVIOMETRO RADIO
TX RAIN-SENSOR
TX FUNK-REGENSENSOR
TX PLUVIOMÈTRE RADIO
TX SENSOR DE LLUVIA



SENSORE PIOGGIA PER TENDE DA SOLE

I

RAIN SENSOR FOR AWNINGS

GB

REGENSENSOR FÜR MARKISEN

D

CAPTEUR DE PLUIE POUR STORES

F

SENSOR DE LLUVIA PARA TOLDOS

E



ISTRUZIONI - INSTRUCTIONS - EINSTELLANLEITUNGEN
INSTRUCTIONS - INSTRUCCIONES

TECHNICAL FEATURES

- Power supply	230 Vac
- Power Consumption	2 W
- Transmission frequency	433,92 MHz
- Decoder System	Rolling code
- Modulation	AM/ASK
- Operating range	10-15 m
- Operating temperature	-10°C +55°C (processor board) -10°C +90°C (sensor element)
- Protection degree	IP44 (plastic case)
- Dimension (excluding wiring)	80 x 80 x 40 mm (plastic case) 120 x 60 x 20 mm (sensor element)
- Weight	300 g (electronic) 200 g (sensor element)

GUARANTEE

This product is guaranteed for 24 months from the date of manufacture indicated inside. If, during that period, the equipment does not work properly due to a defective component, it will be repaired or replaced at the discretion of the manufacturer. The warranty does not cover the integrity of the plastic container. The warranty will be honoured at the manufacturer's facilities.

DECLARATION OF CONFORMITY

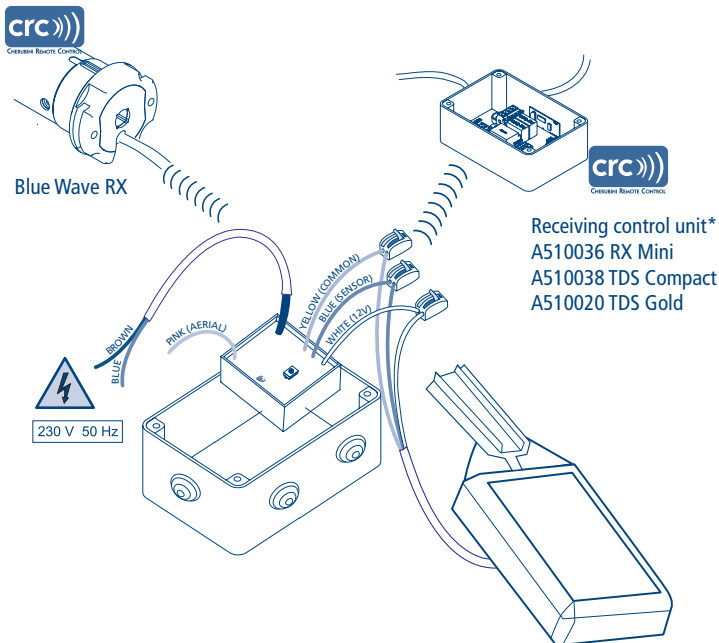
CE Hereby, Cherubini S.p.A. declares that the product is in compliance with the Directive 1999/5/EC. The full text of the EU declaration of conformity is available upon request at the following website: www.cherubini.it.

SAFETY INSTRUCTIONS

- Only professional technicians must perform installation, complying with all safety instructions, especially those regarding electrical connections.
- To avoid short circuits, arrange an automatic bipolar switch with opening distance of the contacts of at least 3 mm before the circuit.
- Means for disconnection must be incorporated in the fixed wiring in accordance with the national installation standards.
- Before setting for the first time read the instructions for the motor and/or the receiver.
- The power cable for this control unit may be replaced only by the manufacturer or one of its authorised technicians.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

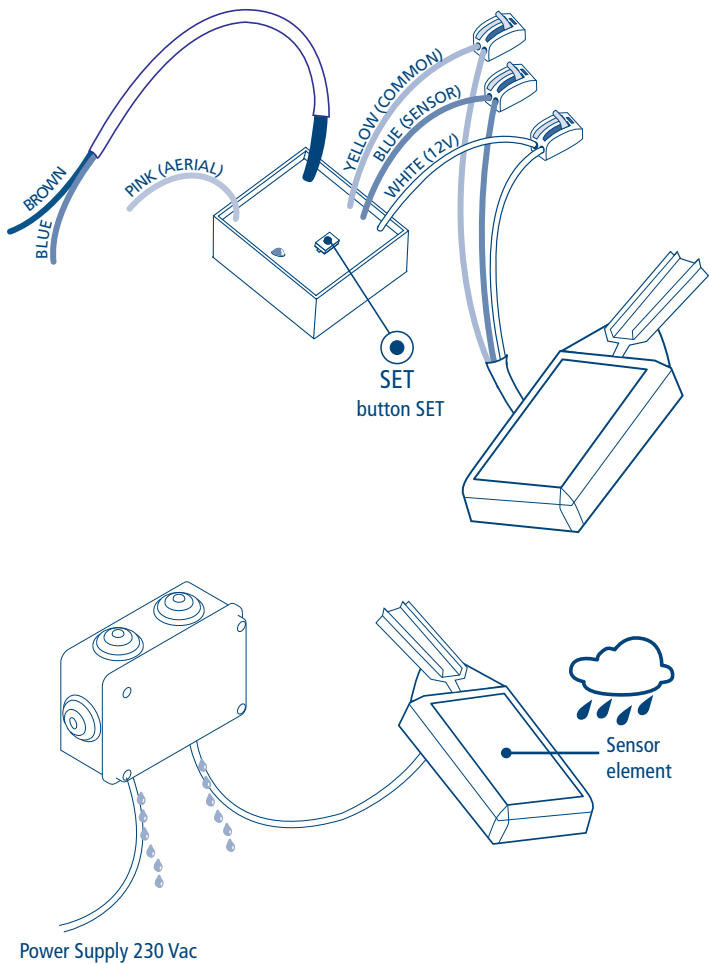
PRODUCT FEATURES

The Rugiada sensor is made up of two distinct units: a sensor element, capable of detecting the presence of water on its surface and a processor board, inside of a plastic case. The processor board is capable of remotely transmitting an alarm status to the motor (or the receiving control unit), which will open or close the awning depending on how the motor or the control unit has been set. Use the remote control to manually open or close the awning again.



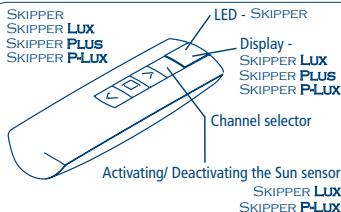
***Note:** the Rugiada sensor is compatible only with the indicated motors and control units, manufactured beginning 01/2014.

ELECTRICAL CONNECTIONS

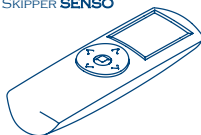


COMPATIBLE REMOTE CONTROLS

SKIPPER
SKIPPER **Lux**
SKIPPER **Plus**
SKIPPER **P-Lux**

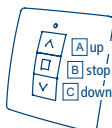


SKIPPER **LCD**
SKIPPER **SENSO**

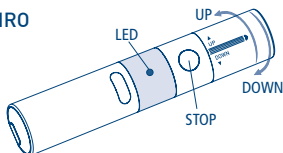


Check the specific instruction book

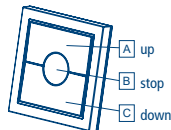
SKIPPER **WALL**



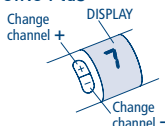
GIRO



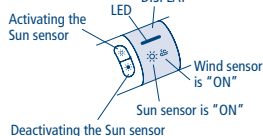
GIRO **Wall**



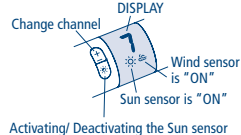
GIRO **Plus**



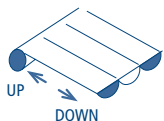
GIRO **Lux**



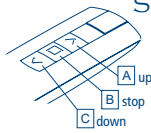
GIRO **P-Lux**



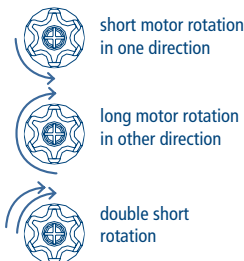
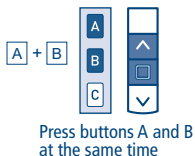
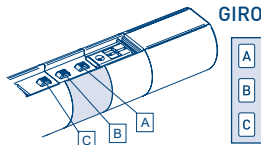
KEY TO SYMBOLS



SKIPPER



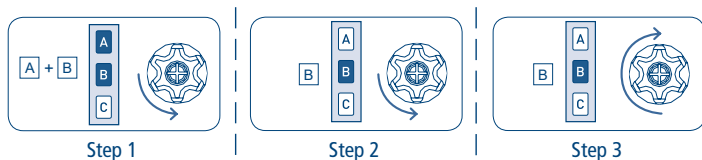
GIRO



COMMAND SEQUENCES EXAMPLE

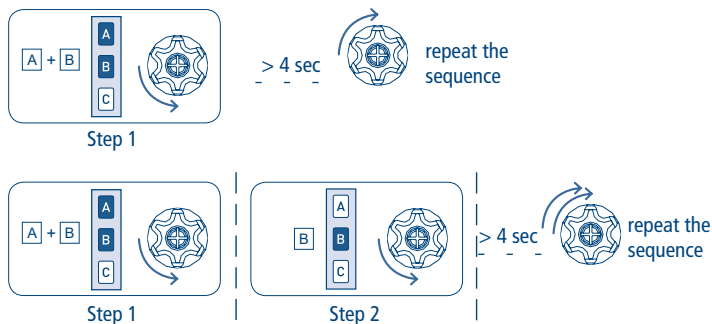
Most of the command sequences have three distinct steps, at the end of which the motor indicates if the step has been concluded positively or not, by turning in different ways. This section is provided to demonstrate the motor indications. The buttons must be pressed as shown in the sequence, without taking more than 4 seconds between one step and the next. If more than 4 seconds are taken, the command is not accepted and the sequence must be repeated.

Command sequence example:



As we can see from the example, when the sequence ends positively, the motor returns to its starting position in one long rotation. In fact, two short rotations in the same direction correspond to one long rotation in the opposite direction. The motor returns to the starting position even when the sequence is not completed; in this case by performing one or two short rotations.

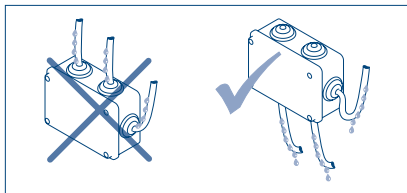
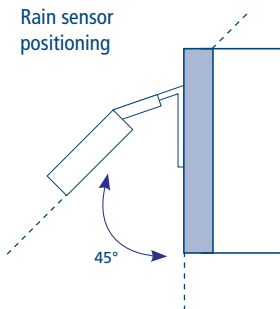
Example of a wrong sequence:



INSTALLATION

The Rugiada sensor is provided with an IP44 plastic case in which the electronic radio card is mounted. The case has wiring connecting it to the sensor unit and its power supply. The following instructions must be complied with for proper installation of the unit.

- The Rugiada sensor must be permanently connected to 230 V AC mains power. It has no cut off switch. Therefore, the installer must provide for a cut off switch when installing the system. A two-pole switch is required, with protection against accidental closing.
- Secure wiring attachment must be ensured by assembling cable clamps provided inside the product.
- Handle the Rugiada sensor with care during installation. Make sure that its component parts have been assembled properly. Pay particular attention to the sensor element and its connection wiring. When reclosing the plastic case, pay particular attention to the positioning of the wires.
- Attach the units to the wall using the screws and anchor plugs provided together with the product.
- It is very important to establish the precise location of the Rugiada sensor components so that the sensor element will be exposed to precipitation at a slope of about 45 degrees to avoid any pooling of water on it.



- Do not paint over the sensitive surface of the rain sensor.
- All operations that require opening the plastic case (installation, programming, repair, etc.) must only be carried out by expert personnel.
- Install the plastic case with the processor board near the motor or the receiving control unit, to reduce the distance travelled by the radio signal.

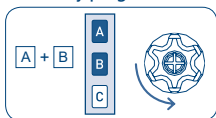
BEFORE COMMISSIONING

- Power up the Rugiada sensor.
- Open the awning completely and perform the memorisation procedure below.

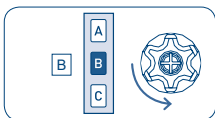
SETTING THE RUGIADA SENSOR

To associate the sensor to a motor, a remote control must be already memorised on the motor. The setting sequence is the following:

Tn: already programmed remote control



Tn

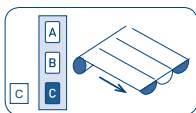
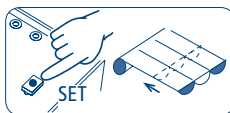


Tn



2 sec

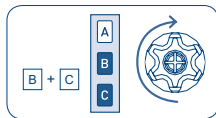
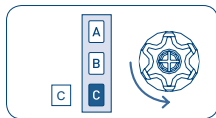
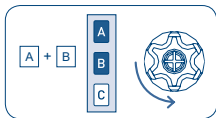
Note: to check proper memorisation, press the SET button briefly again: the awning should move about half way through its path. When the check is completed, open the awning once again.



OPERATION

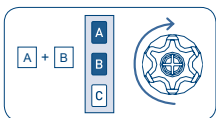
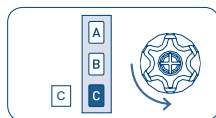
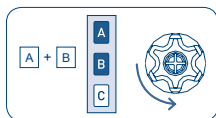
In case of precipitation, the Rugiada sensor sends an alarm signal to the motor. Cherubini receivers are set at the factory to respond to an alarm signal with a closing command. To change this setting proceed as follows:

ACTIVATION OF THE OPENING MOVEMENT IN THE EVENT OF A RAIN ALARM



2 sec

RESTORE OF THE CLOSING MOVEMENT IN THE EVENT OF A RAIN ALARM



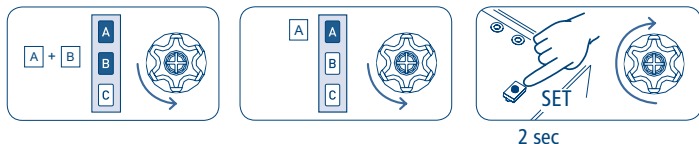
2 sec

TESTS AND OPERATION

Once the the Rugiada sensor has been activated the sensor element is ready to detect any alarm conditions. Pressing the SET button, the unit will operate in "test" mode for the next 3 minutes, or in case of alarm, the awning will close or open and, once it has completed that action, it will be possible to immediately trigger another alarm. It is even possible to activate the sensor by simply placing your hand on top of the sensor element.

DELETING THE RUGIADA SENSOR

To delete the sensor from the motor, an already programmed remote control must be used. The deleting sequence is the following:



MAINTENANCE

The Rugiada sensor needs no particular maintenance. However any dust or residue that collects on its surface will limit its sensitivity. Therefore, it is suggested that it be cleaned off once or twice a year with a damp cloth. Make sure to have disconnected the power source prior to cleaning, otherwise contact with the sensor could engage the opening and closing of the awning by triggering an alarm, possibly causing harm to the person involved or others.

WHAT TO DO IF....

Symptom	Cause	Remedy
Failure to open or close the awning in case of rain.	Sensor has no power.	Check the power cable for the sensor.
	Presence of residue on the sensor element.	Clean the surface the sensor element with a damp cloth after disconnecting the power.
	* Note: the Rugiada sensor is compatible only with the indicated motors and control units, manufactured beginning 01/2014.	

NOTES FOR THE USER

- This unit should not be used by children or persons with reduced psycho-physical capacity unless supervised or instructed by an adult on its use and operation.
- Inspect the system regularly for any signs of damage or wear. Do not use the unit if it is in need of repair.
- **ATTENTION:** keep this instruction manual and comply with all important safety regulations herein. Failure to comply with these regulations could cause harm and serious accidents.
- The best position for the unit is at a 45 degree angle to avoid any pooling of water on its surface.

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