



# PROXIMA S PERGOLA MULTI LIGHT control unit

## Control unit for one motor pergolas



**ATTENTION: DO NOT INSTALL THE CONTROL UNIT BEFORE READING THE INSTRUCTIONS!**



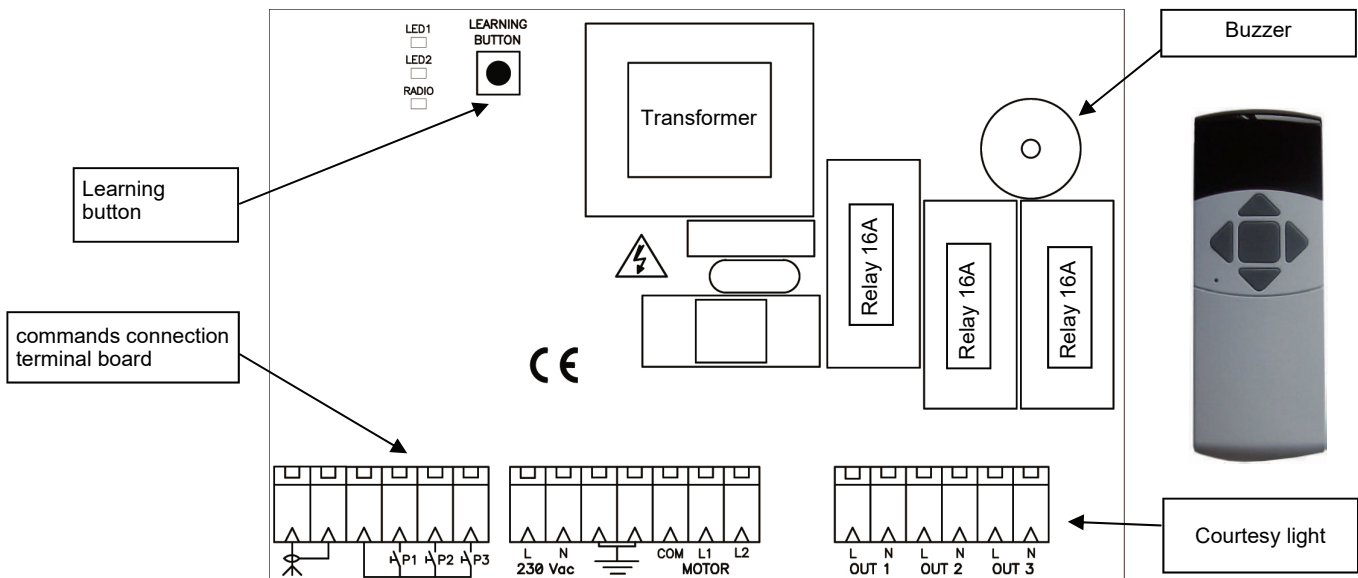
### 1. Introduction.

The PROXIMA S Pergola Multi Light control unit is suitable to operate pergolas. This device houses a radio receiver for remote controlling through CLARUS transmitters. In order to simplify the installation, the power supply is the 230Vac mains supply and, by means of three cables, it is possible to connect motors with power up to 500W with internal limit switches.

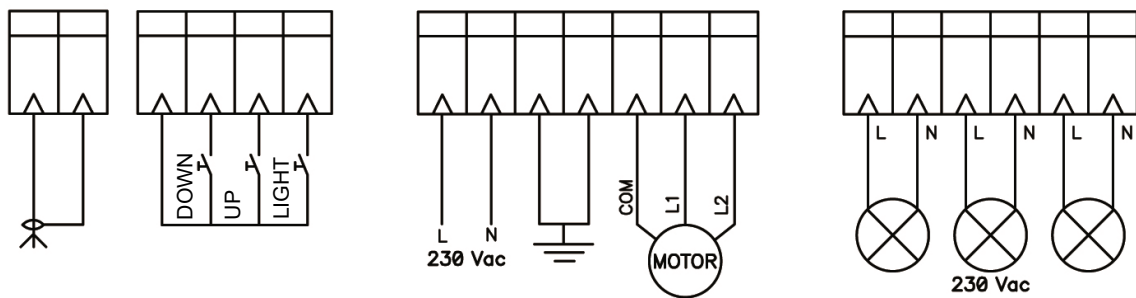
It is possible to connect to the PROXIMA S Pergola Multi Light control unit two buttons for the UP / Down functions and one button for the switch on and the switch off of the courtesy light (230Vac, max 100W).

The control unit can be used with the KAIROS PERGOLA sensor for the automatic functioning.

### 2. Configuration.



### 3. Electrical connections.



### 4. Learning.

#### 4.1 Learning with the button of the control unit.



#### Learning

The first press of the learning button turns on the red led. The unit emits a beep every second and allows the memorization of a channel for the motor control.

The second press of the learning button turns on the green led. The unit emits two beeps every second and allows the memorization of a channel for the courtesy light control.

Press the learning button and select, based to the turned on led, which function will be associated to the channel of the transmitter (red-motor, green-courtesy light); Press any key of the transmitter: the control unit will memorize also the other keys of the channel. The memorization of the channel is indicated (through the buzzer, if present on the card) by two long beeps if the channel had not been previously learnt and one beep if it had been previously learnt. When channel is memorized, the control unit goes back to the normal operation mode. If no signal is transmitted within ten seconds, the control units exits automatically the learning mode.



**Warning: do not carry on this procedure if more than one control unit is working, because the opening of memory would take place for all devices where a channel has been memorized. Cut the power supply for all control units not involved in the operation.**

#### 4.2 Successive learning of other transmitters with one already memorized.

1) **Opening of the memory:** to open the memory from a transmitter, please refer to the user's guide of the transmitter itself. When memory of the control unit is open, this emits one beep every second (through the buzzer, if present on the card) to indicate that it is entering the learning mode for the motor control.

To move on the memorization of the transmitter as courtesy light control, repeat the procedure for the opening of the memory.

2) Press a key of the transmitter. The control unit memorizes automatically also the other keys of the relative channel. The memorization of the channel is indicated by two long beeps if the channel had not been previously learnt and one beep if it had been previously learnt. When channel is memorized, the control unit goes back to the normal operation mode. If no signal is transmitted within ten seconds, the control units exits automatically the learning mode.

#### 4.3 Deleting of a transmitter from the memory of a control unit.



##### **DELETING of a transmitter of CLARUS series:**

In order to delete a single channel or the complete transmitter, it is necessary to enter the internal menu of the transmitter itself. To carry on this operation, please refer to the user's guide of the transmitter.



**Warning: do not carry on this procedure if more than one control unit is working, because the opening of memory would take place for all devices where a channel has been memorized. Cut the power supply for all control units not involved in the operation.**

#### 4.4 Total memory reset of a control unit.

1) Cut the power supply of the control unit.

2) Keeping the learning button pressed, give power back to the control unit. The unit emits a long beep (through the buzzer, if present on the card). When signal stops, the reset procedure is completed and it is possible to release the learning button.

#### 4.5 Learning of the KAIROS PERGOLA sensor.

Press one time the learning button on the control unit and then press the button on the sensor: the control unit will confirm the learning with 2 beeps. To delete the sensor, repeat the procedure: the control unit will confirm the deletion with 4 beeps.

### 5. Functioning.

#### Motor control

##### **Transmitters:**

A brief press of the UP / DOWN buttons activates a short movement in opening / closing (300ms). This movement allows the setting of the pergola.

A long press (>1.6s) involves a complete opening / closing of the pergola (15s). To stop the automatism on the desired position, press the STOP key or the key relative of the opposite direction of the functioning.

##### **UP / DOWN buttons connected by cable:**

The functioning is similar to that of the keys of the remote, as regard the short movement, useful for the setting of the pergola.

The long press of the UP button activates the opening. A new press of this button stops the opening.

The long press of the DOWN button involves the inversion of the movement (closing). The functioning is the same of the other cabled button.

#### Courtesy light control

##### **Transmitters:**

The courtesy light can be activated with the UP key of a memorized channel as courtesy light control. A press of the STOP key of the transmitter turns off the light.

##### **UP / DOWN buttons connected by cable:**

The courtesy light is activated thanks to a cabled button, instead a successive press turns off the light (step by step functioning).

#### Alarm management

##### **Wind alarm**

In case of wind alarm, the control unit carries out a complete opening and remains in **opening for 12 minutes** after the reception of the last alarm.

When an user presses a command, the control unit signals the alarm condition with 2 beeps.

##### **Rain alarm**

In case of rain alarm, the control unit carries out a complete closing and remains in **closing for 2 minutes** after the reception of the last alarm.

When an user presses a command, the control unit signals the alarm condition with 3 beeps.

##### **Snow / ice alarm**

In case of snow / ice alarm, the control unit carries out a complete opening and remains in **opening for 30 minutes** after the reception of the last alarm.

When an user presses a command, the control unit signals the alarm condition with 5 beeps.

NOTE: the detection of the snow occurs in different ways depending on the type of sensor used:

• Sensor powered from the mains 85-240Vac: presence of rain and temperature below 4°C (sensor with heater).

• Stand alone sensor: only temperature lower than 2°C regardless of the presence of rain (sensor not equipped with heater).

##### **Disconnection alarm**

In case of disconnection between the sensor and the control unit for several minutes, the control unit enters in disconnection alarm and carries out a complete opening. It remains in **open position** until the reconnection.

When an user presses a command, the control unit signals the alarm condition with 4 beeps.

**WARRANTY** - In compliance with legislation, the manufacturer's warranty is valid from the date stamped on the product and is restricted to the repair or free replacement of the parts accepted by the manufacturer as being defective due to poor quality materials or manufacturing defects. The warranty does not cover damage or defects caused by external agents, faulty maintenance, overloading, natural wear and tear, choice of incorrect product, assembly errors, or any other cause not imputable to the manufacturer. Products that have been misused will not be guaranteed or repaired. Printed specifications are only indicative. The manufacturer does not accept any responsibility for range reductions or malfunctions caused by environmental interference. The manufacturer's responsibility for damage caused to persons resulting from accidents of any nature caused by our defective products, are only those responsibilities that come under Italian law.