

1 - INSTALLATION	6
1.1 - Characteristics and contents	6
1.2 - Installation principle.	7
2 - USE	8
2.1 - The remote control:	8
3 - MAINTENANCE	8
4 - FAILURES :	10
5 - SPARE PARTS :	10



1 - INSTALLATION

1.1 - Characteristics and contents

- Receiver controller-modulator to be used for projectors and LED bulbs WELTICO colors.

Voltage : 12 Vac

Required power : 4 W

Carrier current frequency : 115 kHz

Radio frequency : 433.92 MHz

Protection : IP65.

Maximum operational distance from the carrier current : 25 m.

Most bulbs controlled and synchronized sequences in colors : 4

- Remote control to be used with the WELTICO receiver controller-modulator only

Supplied by button cell : CR2032

Radio frequency : 433.92 MHz

Range in open terrain : 50 m

Protection : IP65

2 buttons to change fast colour

2 buttons to change the sequences

1 button to turn off the light.

1.2 - Installation principle.

EN

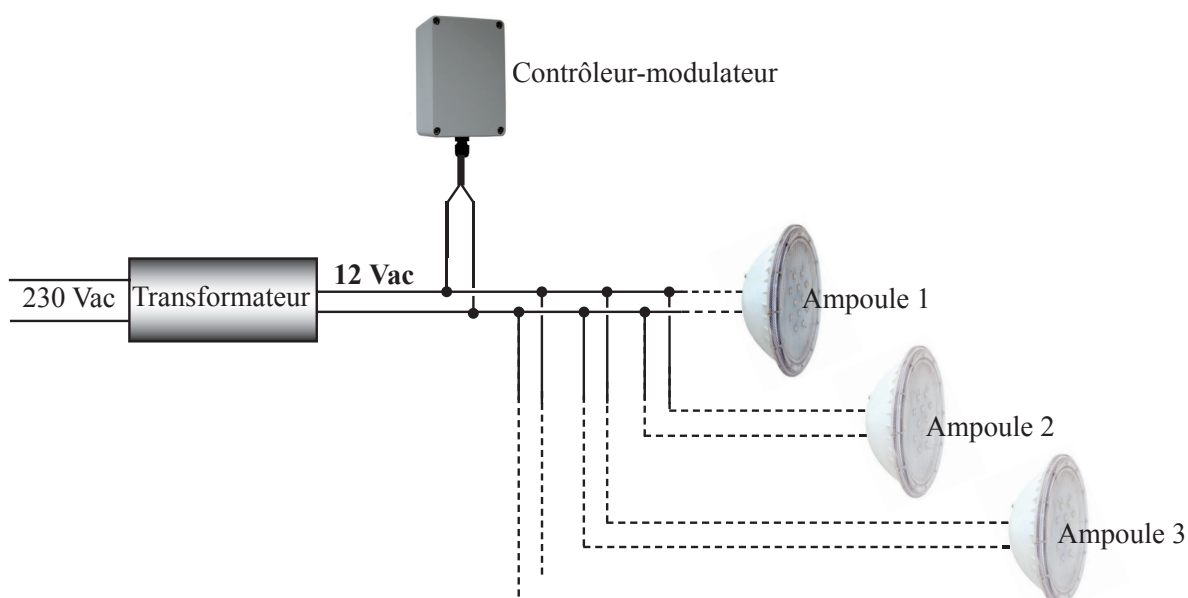


1) The TOROIDAL transformer must comply to supply one or several bulbs with power.

2) THE CONTROLLER-MODULATOR MUST BE PLUGGED INTO THE 12 VAC POWER GRID ON THE SECONDARY SIDE OF THE TRANSFORMER THAT SUPPLIES THE BULBS.



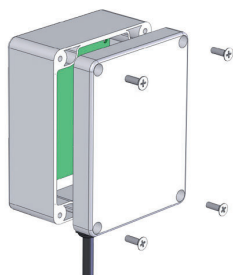
It is advisable to install it alongside the 230 Vac/12 Vac toroidal transformer and away from any metallic part that could harm the controller's quality of reception.



3) Install the controller-modulator in a place sheltered from corrosive media and rain.

4) Learning of the synchronisation between the controller and the remote control.

- The training consists in the controller recognising the remote control to use to change the colours or programmes for your bulbs.



4a) Unscrew the four screws and remove the lid from the controller.

4b) Power up the transformer to feed the controller and the bulb(s).

4c) You have 30 seconds to initialise the remote control :

Press the "PROGRAM" buttons of the remote control at the same time, the remote control's indicator light comes on then switches off once the synchronisation has finished.

4d) Do a test by turning off the bulb(s) by pressing the "OFF" button of the remote control then putting the light back on by pressing one of the "COLOR" or "PROGRAM" buttons.

5) Do range tests with the remote control to define its ideal location.

6) Fix the controller permanently on its wall following the instructions below.

6a) - Drill 4 holes in the wall then peg (centre distance: 60 mm/104 mm).

6b) - Fix the controller to the wall then close the lid with the screws.

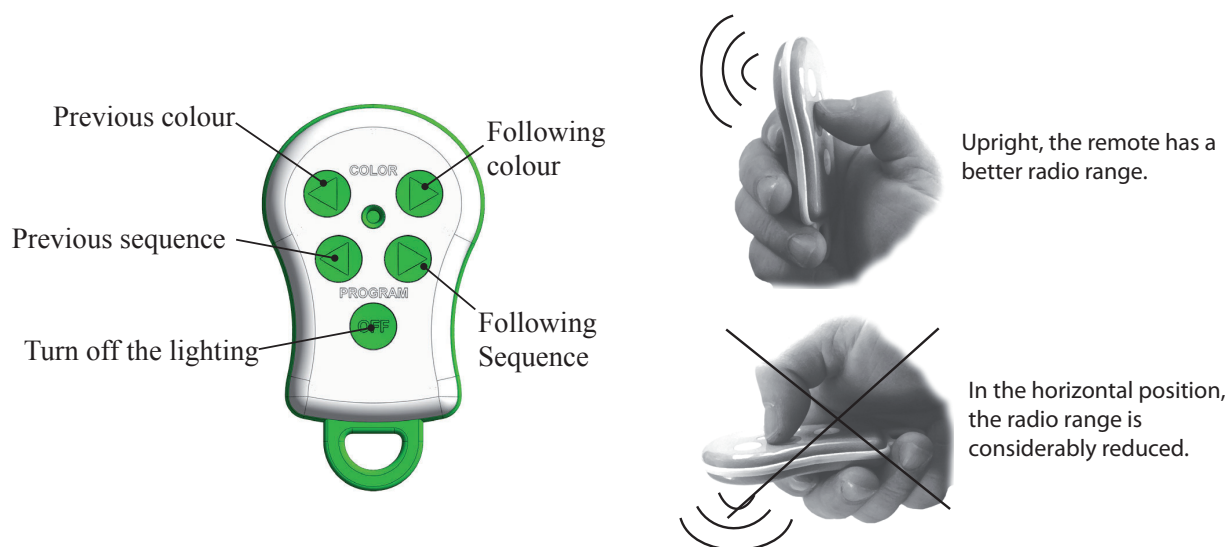
2 - USE :

EN

The bulb automatically comes on if the transformer is supplied with current by a programmer or manually.

2 -1 The remote control:

- The initial colour of the bulb is white, use the "COLOR" or "PROGRAM" buttons of the remote control to set the desired colour or sequence.
- The controller stores the colour or defined sequence in its memory after the lighting has been turned off by a programmer or the remote control
- The remote control also allows the lighting to be put back on by using the "COLOR" or "PROGRAM" buttons if the "OFF" button has been used to turn off the lighting.

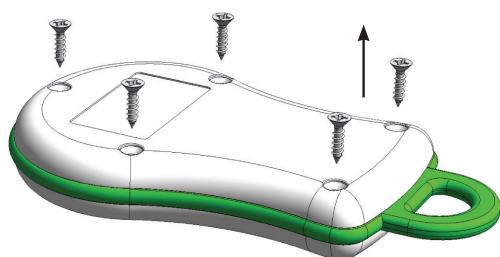


3 - MAINTENANCE

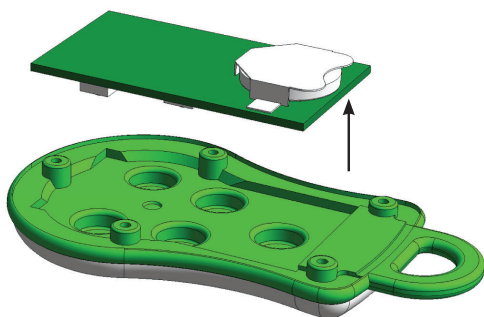
3 - 1 The remote control :

- Avoid all contact with water
- Avoid storing the remote control in a damp or corrosive place

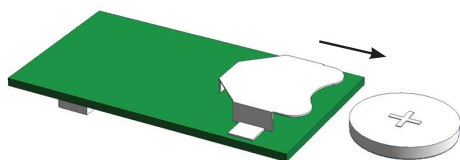
Procedure to replace the battery :



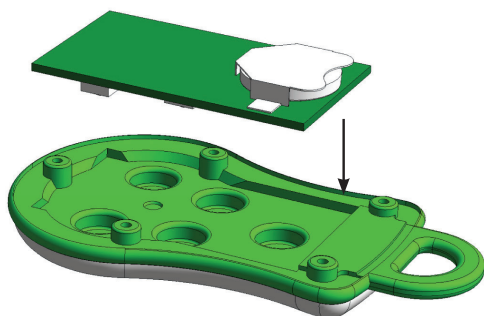
Unscrew the 5 screws then lift up the cover.



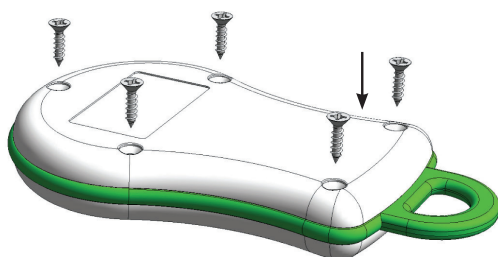
Extract the electronic card from its housing.



Replace the "CR2032 model" battery



Put the electronic card back in its housing.



Put the cover back in place then screw in the 5 screws.

4 - FAILURES :

EN

Symptom : The bulb is on but it is not or is no longer controlled by the remote control.

Cause N° 1 : The remote control battery is discharged.

Test : Check that the remote control's indicator light comes on when one of the buttons is pressed.

Result : The indicator light doesn't come on.

Solution : Change the battery

Cause N° 2 : The remote control is damaged (fallen or taken in water).

Solution: Replace the remote control.

Cause N° 3 : The controller is disconnected.

Solution: Check the controller's electrical connection.

Cause N° 4 : The controller is damaged.

Test: Power off the transformer and unplug the controller.
Power up then change the colours by the STOP/START method (see the bulb's instruction manual).

Result: The colour changes.

Solution: Replace the controller.

Cause N° 5 : The bulb is damaged.

Test: Power off the transformer and unplug the controller.
Power up then change the colours by the STOP/START method (see the bulb's instruction manual).

Result: The colour doesn't change.

Solution: Replace the bulb.

Cause N° 6 : The controller no longer recognises the remote control.

Solution : Start initialising the remote control (see above).

5 – SPARE PARTS:

Remote control reference : 63252.

Receiver Controller Modulator Kit with remote control references : 63254.

Remote control battery : 63263.