

EASY RGB+ Installation guide

Index

1- Definition and components of the EASY RGB+ system	2
2- Schematics	4
3- Cable sections and distances between lights and the equipment	6
4- Remote control features	7
6.1- Buttons description	
6.2- Distance range	
6.3- How to synchronize the remote control	
6.4- How to change the batteries	

1.-Definition and components of the EASY RGB+ system

The EASY RGB+ system is a non-standard protocol owned by Leds-c4 that allows the control of RGB fittings using only 3 wires.



The MASTER and SLAVE controllers available only can feed Leds-c4 fittings that come with the EASY RGB+ feature. You can check that the product comes with this feature in our general catalogue. Note that EASY RGB+ fittings are not compatible with other control protocols.

1.1.-MASTER controller:

71-E069	150W	With remote control and push button on the box.
71-E011	50W	With push button without remote control.

This controller stores the colour sequences and fixed colours and generates the RGB signal that fittings will receive. Both controllers come with an integrated push button that triggers the colour sequences. The big controller also comes with a remote control. All EASY RGB systems requires at least one Master controller.



Colour scenes:

- 8 changing colour sequences.
- Fixed colours.



1.2.-SLAVE controller:**71-9817-00-00 150W**

It can only be utilized with the Master controller 71-E069 (150W). Projects that require more than 150W a repeater/slave controller has to be utilized. This controller copies the RGB control signal coming from the Master controller and sends it to its connected fittings. The installation can take maximum 9 slave repeaters.



2.1-Schematics

MASTER 71-E069 150W
SLAVE 71-E070 150W

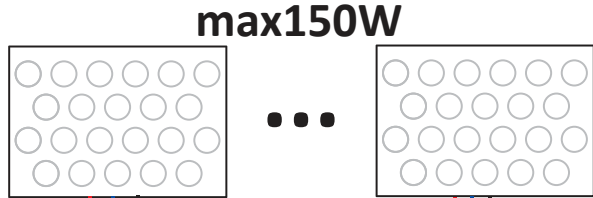
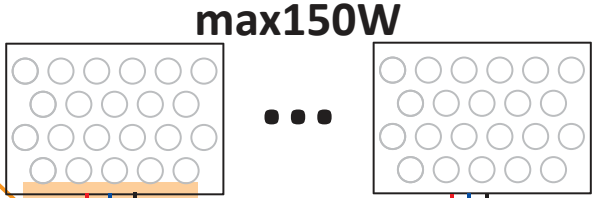


DO NOT USE
IN EASY+

MASTER 71-E069



SLAVE 71-E070

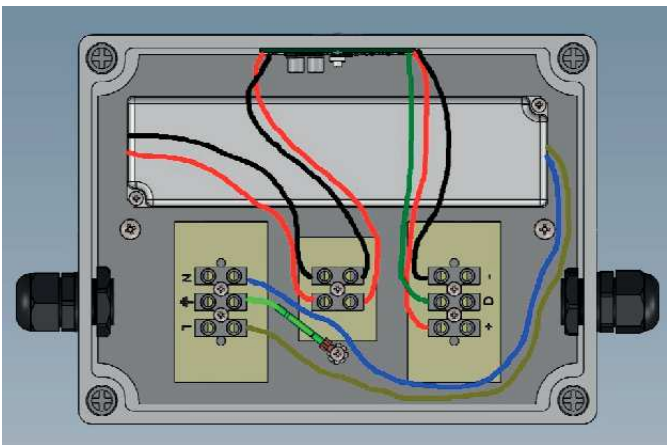


... max 9slaves

110-240V/50-60Hz

2.2-Schematics

MASTER 71-E011 50W



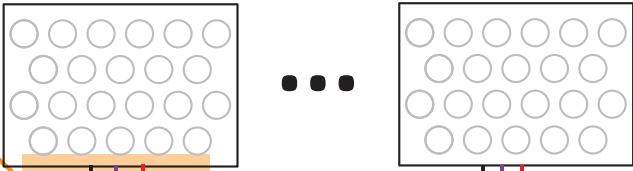
DO NOT USE
IN EASY+

110-240V/50-60Hz



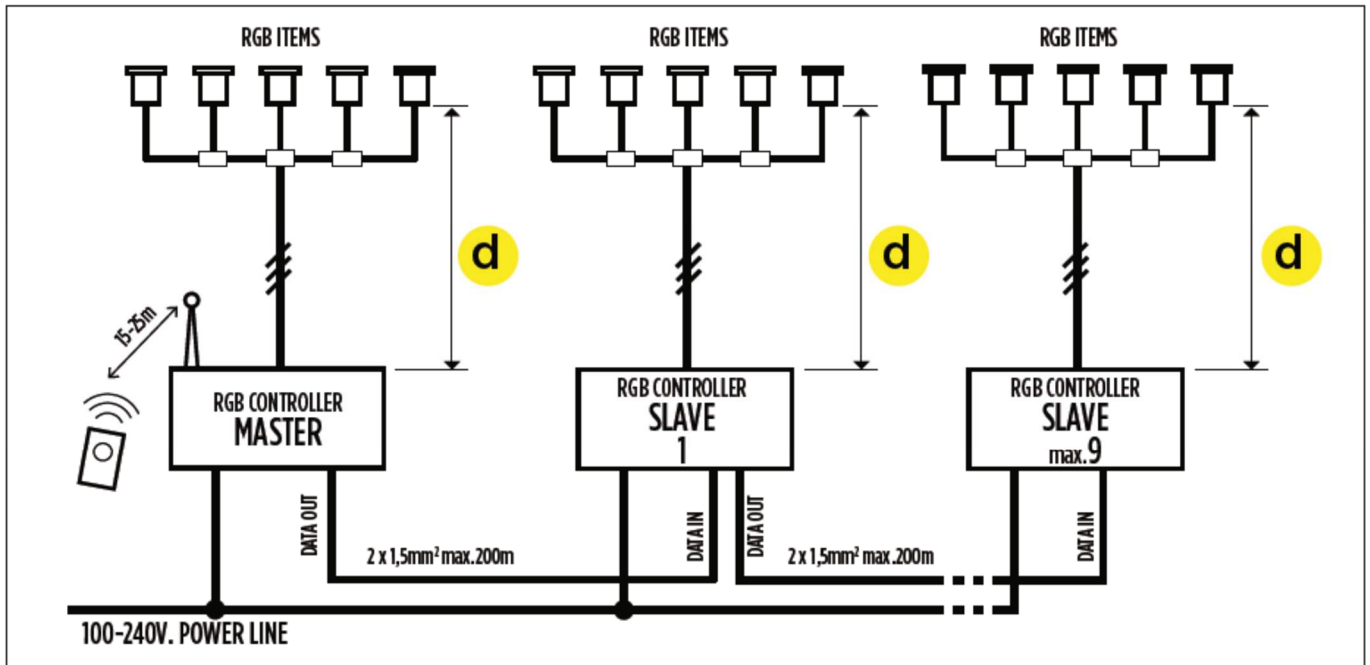
DATA
+24

max50W



3.-Cable sections and distances between lights and equipment

Next table shows the maximum power according to the section of the wires and the length of the installation.

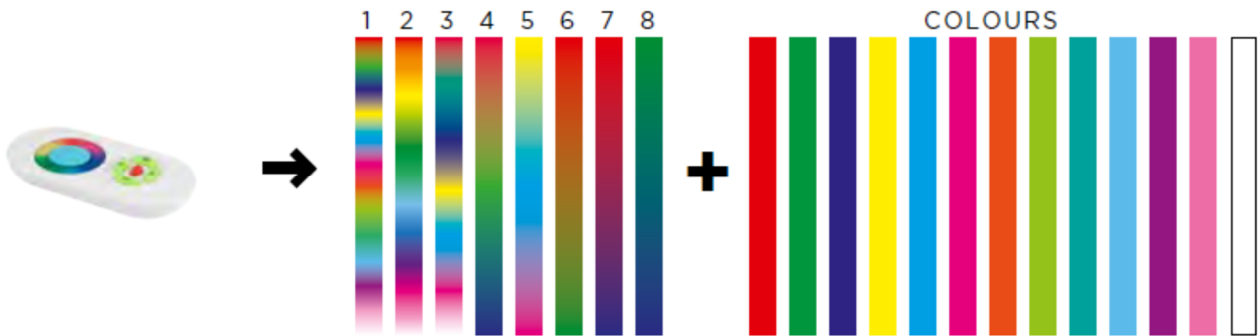


		3 x 1,5 mm ²	3 x 2,5 mm ²
d	25m	max. 120W	max. 135W
	50m	max. 110W	max. 120W
	100m	max. 90W	max. 100W

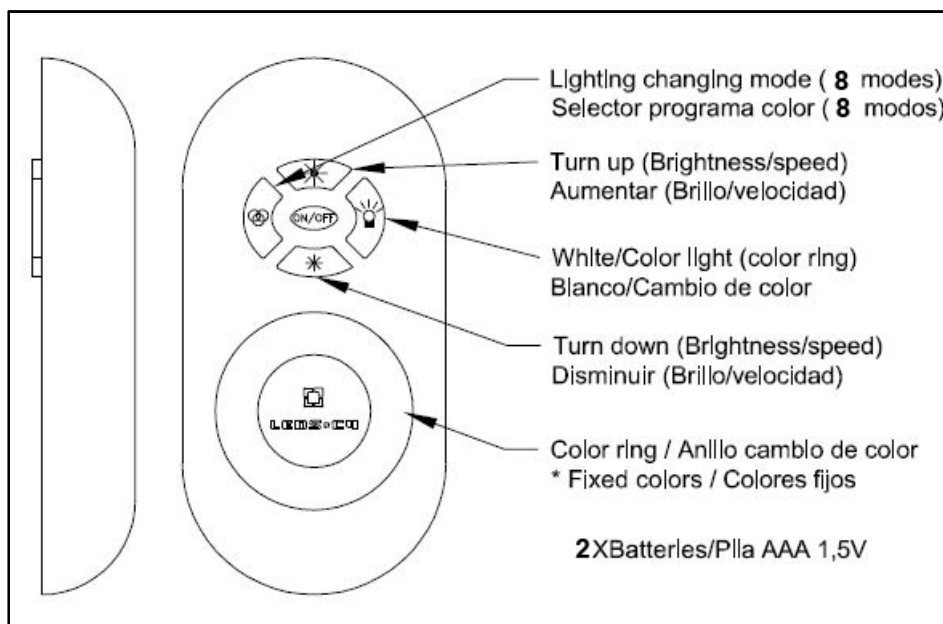
Maximum power to supply every Master and/or Slave equipment according to the wiring section used in the installation and the maximum distance (**d**) between every equipment and the last piece.

4.- Remote controllers:

The remote controller is utilized to choose a fixed color by means of its touch wheel or the colour sequences stored in the Master controller memory. It is also possible to adjust the brightness and the colour sequences speed.



4.1.-Buttons description



4.2.-Distance range

The recommended distance from the remote controller to the master box is the 15 to 25 meters without any obstacle.

4.3- How to synchronize the remote control of the Master controller 71-E069

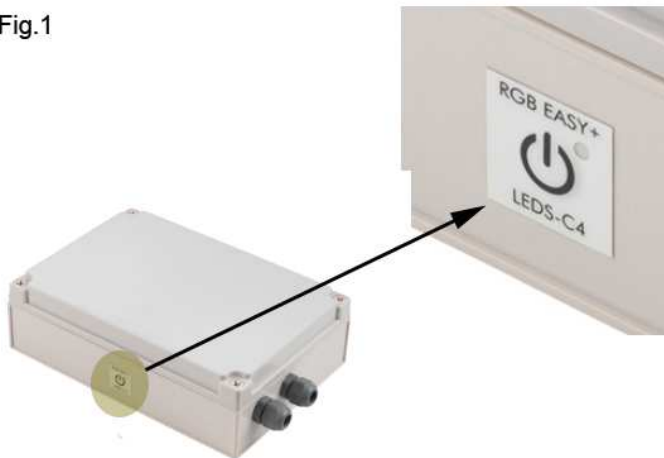
MEMORY DELETION

- 1.-Turn off the power.
- 2.-Hold the controller push button (Fig.1) while switching on the mains. Keep on holding the push button until the fittings start flashing in blue colour. This means the controller memory has been erased.

SYNCHRO

- 3.-Turn on the mains. Switch off the controller by means of holding the controller push button (Fig.1).
- 4.-Hold down the controller push button (Fig.1) and the top button of the remote control (Fig.2) at the same time until the fittings start flashing in green. This mean the synchronization has been done successfully.
- 5.-In case the fittings don't flash in green repeat the steps 3 and 4. In case the synchronization fails again check the remote control batteries and repeat the steps from 1 to 4.

Fig.1



4.4- How to change the batteries

- 1.-Open the back cover.
- 2.-Remove the old batteries.
- 3.- Place the new batteries type 2xAAA 1.5V, Alkaline.

*Avoid mixing old and new batteries and mixing batteries from different brands.

