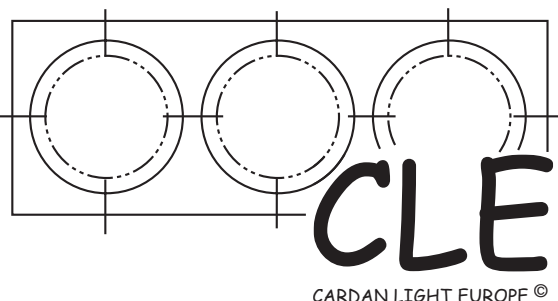


RGB CONTROLLER 24V DC LHTCONTROLLER



● Features

1. Adjusting brightness and speed of color change
2. RGB color mixing at user's preference
3. Built-in seven colors auto change
4. Built-in dimming IC allowing color change in gradation mode
5. Four modes available
6. Waterproof

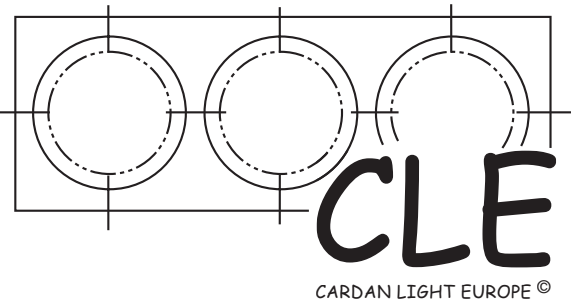


● Specification

| | |
|----------------------------|--------------------------|
| Controller No. | LH-RL-212110-01 |
| Rope Light No. | LH-RL-11211B-01 |
| Input Voltage | DC 24 V |
| Output Voltage | DC 24 V |
| Max. Current Output | 6 A |
| Max. Drive Watt | 144 W |
| Max Drive Length | 20 meter |
| Size | 144*91*43 mm |
| Weight | 350 g |
| Way of Control | Keypad (8 Button) |
| Output port | Single |
| Housing | PC (waterproof) |
| Use place | Indoor |

Technische Daten
RGB CONTROLLER 24V DC
LHTCONTROLLER

www.cardanlight.com

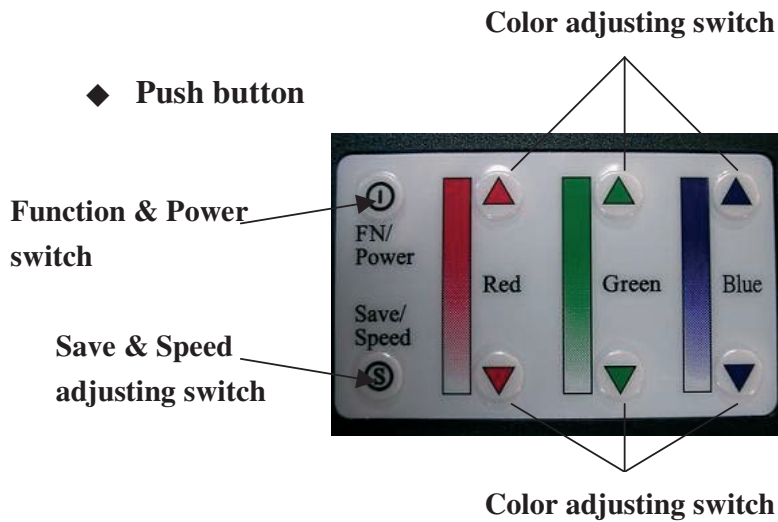


● Controller Outlook

Front Side



Back Side



◆ Back Mounting

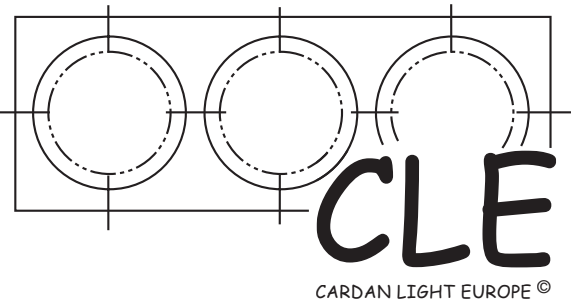


◆ Input/Output Port



Technische Daten
RGB CONTROLLER 24V DC
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● Function Mode

Rope Light Controller have four function modes :

- ✧ **Mode 1** : Light color auto run by previous setting of color change
- ✧ **Mode 2** : Seven colors auto change
(red, orange, green, cyan, blue, purple and white)
- ✧ **Mode 3** : RGB light color auto run by gradation
- ✧ **Mode 4** : User set mode

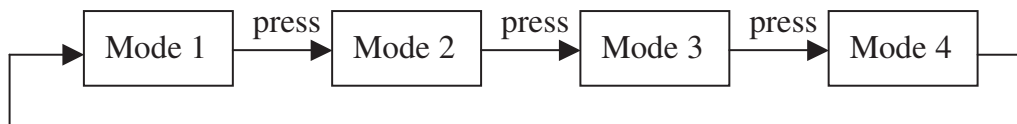
● Keypad Function

Eight buttons with below function :

◆ **FN / Power Button** ①

Mode Change

When power is on, the program runs into Mode 1 automatically. Press this button again to change modes.



Power Off

Press ① for more than five seconds to switch off power.

Power On

Press ① again to resume power.

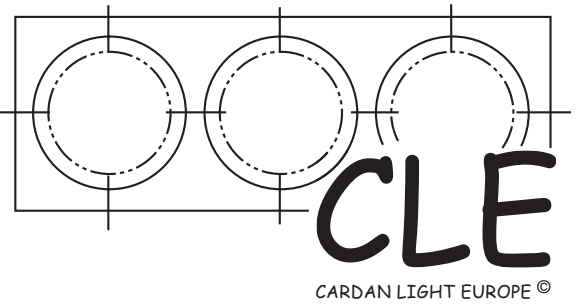
◆ **Save/Speed Button** ②



1. While the program is in Mode 4, ② can save the colors that users select.

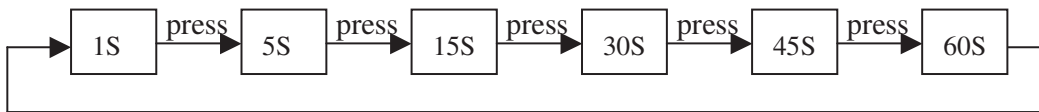
1.2. After finishing color-selecting, press ② to save the color. Color settings can be saved as many sets/times as user's preference.

1.3. Press ① to go into Mode 1, the saved color set will auto-run in 1 second in turn.








**RGB CONTROLLER 24V DC
LHTCONTROLLER**











2. When you are in Mode 1, 2 or 3,  key functions as color change speed key. Press  one time, the color changing speed is 5 seconds. Press it twice continuously for 15 seconds...etc.

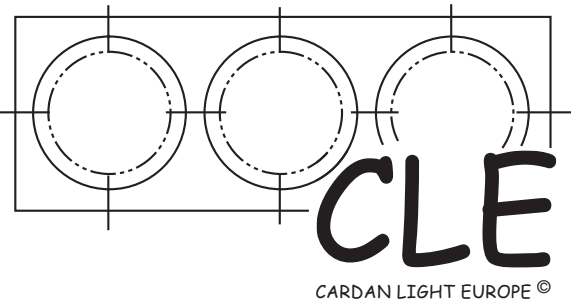


◆ **User Set Mode (in Mode 4)**

1. While program into Mode 4, you can press buttons  、  、  、  、  &  (R+, R-, G+, G-, B+, B-) to mix color at user's preference. Press  key to save the selected color into memory. The memory for previous color change setting will be erased at the same time.

-  : Increase brightness of red light, and only work in Mode 4
-  : Decrease brightness of red light, and only work in Mode 4
-  : Increase brightness of green light, and only work in Mode 4
-  : Decrease brightness of green light, and only work in Mode 4
-  : Increase brightness of blue light, and only work in Mode 4
-  : Decrease brightness of blue light, and only work in Mode 4

2. Memory capacity is 1K Byte and save data is 3Byte for each time, so memory for selected colors can save 340 times
3. If you are in Mode 4 but do not wish to save the color you set up, press  button to skip
4. If you are in Mode 4 and press  to save the color you select, this will clear the colors set up previously.



■ Cable Introduction



1. DC 24V input : Input cable, SPT-2+2.35 Φ waterproof male header /16AWG/1.8M
2. AC input :
 - (1). Input cable, US, SPT-2W/2C/18AWG/1.8M
 - (2). Input cable, EU, H05RN-F/2*0.75mm²/2.0M+ German's waterproof.
3. Output : Output cable, 3.5 Φ male header+2464/5C/18AWG/1.0M