

MODEL: LW-WC11

RGB LOW VOLTAGE COLOR CONTROLLER (12/24VDC)

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LW-WC11 RGB touch Color controller is designed to control low voltage RGB LED luminaries. It has 16 pre-positioned changing patterns. It features the unique touch interface technology with the function keys. The key beeps when touched to create dynamic color patterns. With PWM built in, the LW-WC11 provides even and smooth dimming without flicker.

Technical Parameters

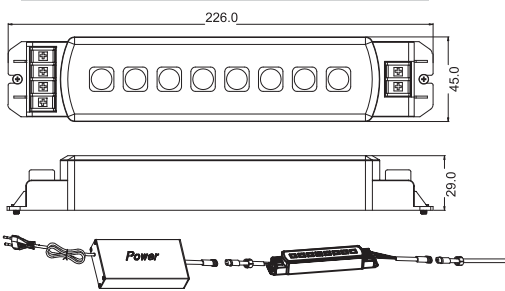
- Working temperature: -20-40 °C
- Max Input Amps: 5 amps total
- Supply voltage: 12 to 24VDC
- Output: 3 channels
- Controller dimension: L226XW45XH29MM
- Net weight: 135g
- Static power consumption: <2W
- Output current: <3Aper channel
- Max Output power: 12VDC <60 WATTS / 24VDC <120W

For Indoor use only (Dry Area)

NOTE: For use with class two type power supplies according to local electrical codes.



Product size and linking operation



Function descriptions

- 1) 16 color patterns
- 2) Dimmable while on static colors
- 3) "pause" functions while doing skipping or gradual change
- 4) 50 levels for brightness adjustment
- 5) 50 levels for speed adjustment

Color patterns

1. static red
2. static green
3. static blue
4. static yellow
5. static purple
6. static cyan
7. static white
8. colors quickly replace
9. red fades
10. green fades
11. blue fades
12. yellow fades
13. purple fades
14. cyan fades
15. white fades
16. red fades
17. colors gradually replace

WARNING: ONLY QUALIFIED PERSONNEL SHOULD PERFORM INSTALLATION.

TO AVOID ELECTRICAL SHOCK OR COMPONENT DAMAGE, DISCONNECT POWER BEFORE ATTEMPTING INSTALLATION OF THE POWER SUPPLIES.

Failure to install the power supplies and/or LED modules in accordance with the National Electric Code (NEC), all applicable Federal, State and local electric codes as well as the specific Underwriters Laboratories (UL/CSA) safety standards for the installation, location and application may cause serious personal injury, death, property damage and/or product malfunction. These instructions are guidelines for installation modules and power supplies. Installation requirements may vary depending on the application. Licensed electricians should provide all installation services for connection of both primary and secondary (input/output) of the power supplies.

When using power supplies or other power sources; the following basic safety features should be verified in addition to any other application specific concerns and local safety codes:

Short circuit protection

Overload protection (FUSE 5 AMP)

Overheat protection

Correct output voltage, including consideration for ripple and spikes.

Do not install inside of walls.

Provide 5 amp fuse to other power sources prior to input of power..

INPUT VOLTAGE MUST BE IDENTICAL TO OUTPUT VOLTAGE (TO LED LIGHT).

-Use just in accordance with the requirements of the instruction book.

-Do not use near electronic equipments such as medical equipment, air craft or equipment that is sensitive to magnetic field.

-Maximum length of wire to LEDS from controller to RGB modules should not exceed 6 meters (20 feet).

-Do not use in wet locations or near flammable(s), or possibility of in the future. Avoid strong mechanical vibrations.

