DESCRIPTION

1. Working voltage: **DC12V**
2. Channel: **3 channels (RGB Common anode)**
3. Control Method: **IR remote control**
4. Receiving range: **5m**
5. Current limitation: **each channel 2A, total 6A**
6. Power limitation: **each channel 24W, maximum 72W**
7. Protection Class: **IP67 (waterproof)**
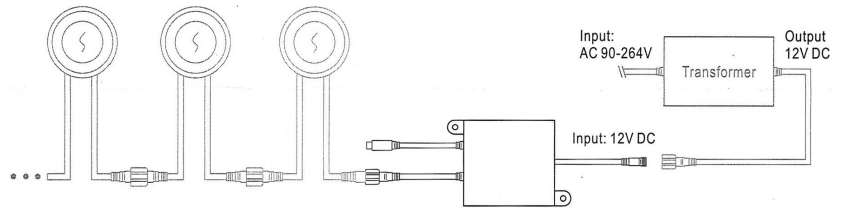
FUNCTIONS OF CONTROLLER

1. Pre-programmed 16 colours:
   **RED**, **GREEN**, **BLUE**, **WHITE**, **LIGHT RED**, **LIGHT GREEN**, **DARK BLUE**, **ORANGE**, **CYAN**, **DARK PURPLE**, **LIGHT ORANGE**, **AQUA**, **PURPLE**, **YELLOW**, **TEAL**, **VIOLET**
2. Pre-programmed 4 modes:
   FLASH, **STROBE**, **FADE**, **SMOOTH**
3. Brightness/dimming control with ☀ ︿ and ☀ ﹀
4. 3 colour jump change, can be adjusted to different speeds with ☀ ︿ and ☀ ﹀
5. 3 colour fade (gradual) change,
   can be adjusted to different speeds with ☀ ︿ and ☀ ﹀

HOW TO USE

1. **ON**: Turn on, invalid when power on
1. **OFF**: Turn off, invalid when power off
2. **COLOUR BUTTONS**: Press any colour key to select the static colour you want
3. ☀ ︿: Increase the colour brightness, can also increase speed when in modes of **FLASH**, **STROBE**, **FADE**, **SMOOTH**
4. ☀ ﹀: Decrease the colour brightness, can also slow down when in modes of **FLASH**, **STROBE**, **FADE**, **SMOOTH**
5. **FLASH**: 3 colours jump change
6. **STROBE**: 7 colours jump change
7. **FADE**: 3 colours fade change
8. **SMOOTH**: 7 colours fade change

REMOTE FUNCTIONS

IR remote led controller, functions of keys as below:

BRIGHTNESS UP	BRIGHTNESS DOWN	OFF	ON
RED	GREEN	BLUE	WHITE
LIGHT RED	LIGHT GREEN	DARK BLUE	FLASH
ORANGE	CYAN	DARK PURPLE	STROBE
LIGHT ORANGE	AQUA	PURPLE	FADE
YELLOW	TEAL	VIOLET	SMOOTH
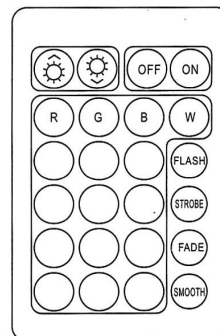
NOTES

ⓘ The controller working voltage is DC12V, never connect to DC24V or AC voltage lights

ⓘ The IR remote controller working voltage is 3V