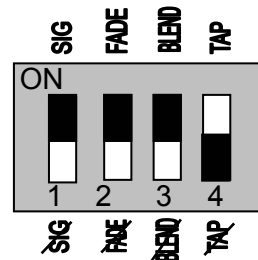


CONFIGURATION SWITCHES

SW1: SIGNAL STRENGTH INDICATOR

When ON (up) the red power LED blinks when a remote control key is pressed to indicate signal-strength. A slow blink shows a weak signal, a fast blink or no flashing shows a strong signal. (SW1 can be used to keep the power LED off when in standby)



SW2 : FADE ENABLE

Used to enable soft on/off. When FADE is OFF, the output will switch on/off quickly. When FADE is ON, the output will fade on/off gently.

SW3 : COLOUR BLENDING

With colour-blending enabled (SW3 ON) the lights will colour cycle whenever switched on. The blending will stop if a colour-change command is received from the remote control and re-start when the lights are switched off and back on.

SW4: TAP ENABLE

The 'double-tap' sensor used for lid-on programming can be disabled by turning SW4 off. The factory setting is ON.

MAINTENANCE

To prevent premature failure of the unit please take note of the following recommendations;

1. Never leave a module outdoors unless the lid is properly secured and the rubber gasket installed.
2. Ensure the 6 lid-screws are properly tightened after installation.
3. A smear of (Silicon) grease around the rubber gasket will protect it and help guarantee a long reliable life.



Environmental Information for Customers in the European Union

European Directive 2002/96/EC requires that the equipment bearing this symbol on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product should be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electric and electronic equipment via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your old equipment, please contact your local authorities, waste disposal service, or the shop where you purchased the product.

NOTE:

Rights reserved to change the specification of this product without prior notice.

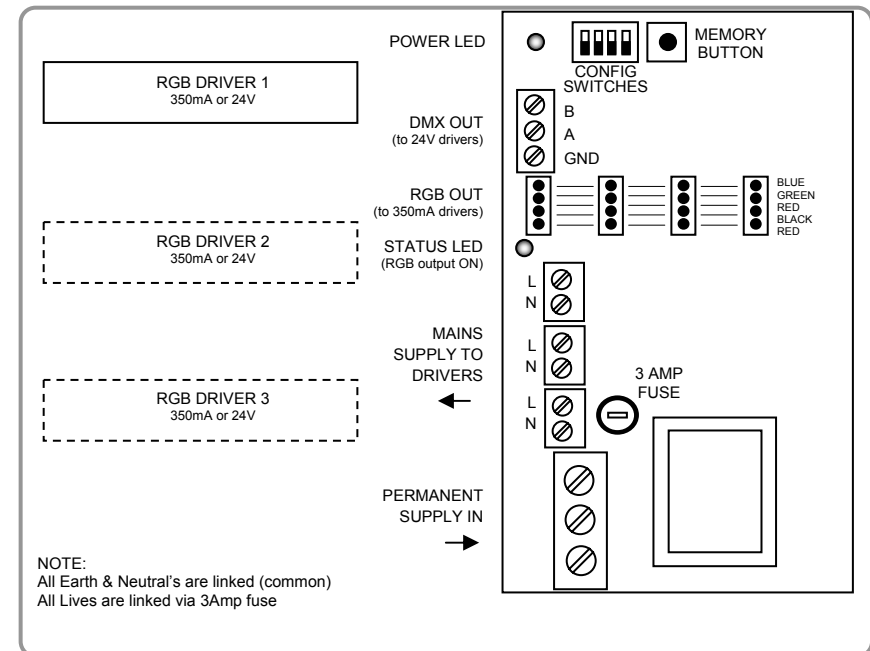
SPECIFICATIONS

Voltage	220-240V AC / 50Hz
Output	50-150W 350mA / 24V (using any combination of 24V & 350mA 50W drivers)
Controller Type	PWM / DMX
Protection	3 Amp fuse
Weather Resistance	IP66
Physical	292 x 210 x 100mm / 0.8Kg
Ambient Temp.	-10°C to +40°C

INTRODUCTION

The 'RGB LED controller' is a complete wireless solution for controlling 350mA or 24V RGB LEDs in conjunction with the appropriate drivers. The unit is designed for outdoor installation but take note of the safety instructions.

INTERNAL WIRING



ELECTRICAL INSTALLATION

The unit must be installed by a qualified electrician working to national Electrical Regulations. NOTE : The Earth screw in the unit bonds all the metal parts to ground including the Steel Wire Armouring (via the metal chassis).

INTRODUCTION TO AREA (ZONE) MEMORY

Light Symphony allows 1-29 lighting 'Areas' (zones) to be created. Each RGB controller can be included in any number of 'Areas'. See example below;

EXAMPLE

AREA #	Controller 1 e.g. driveway	Controller 2 e.g. gate lights	Controller 3 e.g. front garden
ALL	✓	✓	✓
1	✓		
2		✓	
3			✓
5	✓	✓	✓
6-29

In this example, Area #1 controls just the drive-way lighting (Controller 1) but Area #5 has also been used to control the driveway, gate lights and front garden as a group, which can then be triggered by a timer, driveway sensor or PIR etc.

AREA (ZONE) SET-UP

1. The power LED will light when the supply is on (unless config sw-1 is on)
2. To program; Press the memory button to switch ON the RGB lights. After pressing the memory button, the memory stays 'open' for 15 seconds (and the power LED blinks to indicate this).
3. With the RGB lights ON, press an Area number button on the remote control (1-29). A beep will be heard and the Area is stored.

To close the memory without making any changes, press "Garden Off" on the remote control or wait 15 seconds. Each colour controller can be included in several Area's if required, as in the example above.

ERASE MEMORY

To erase all Area memories press and hold memory-button for 10 seconds, until a beep is heard. To erase individual Areas, ensure the lights are OFF before storing.

LID-ON PROGRAMMING

It's possible to program with the lid on; Double-tapping the lid has the same effect as pressing the internal memory button. NOTE: The double-tap programming feature is automatically disabled after the power has been on for 2 hours. To re-enable it, cycle the power off and back on.

INSTRUCTIONS FOR USE

This unit will respond to commands received from the Light Symphony remote control. Initially, it will respond to "Garden On/Off" only but can also be programmed into any number of Areas (zone) memories, as shown opposite.

The dim up/down keys on the remote control will effect the last group of lights switched on. i.e. After switching Area 1 ON, the DIM button will control Area 1 and after switching on all garden lights, the dim button will control the whole garden.

COLOUR CONTROL

The colour can be changed by pressing and holding a key on the keyfob or using the 'Rainbow' key on the remote control. The unit will remember the last colour selected for each 'Area', allowing colour scenes to be created e.g. Area 1 = RED and Area 2 = BLUE.

COLOUR BLENDING

If config switch #3 is ON, the controller automatically colour-blends when it's switched on using the remote. When a colour-change command is received from the remote control (see above) the blending will stop. It will re-start with the next time the lighting is switched on.

If several lighting controllers are used together, the colour blending will not be synchronised. To synchronise colour and provide fuller control, the Light Show feature of the Light Symphony base-station must be used (product code LS30900BSR or LS30950WIFI).

WELCOME HOME & SAVE POWER

An impressive welcome home effect & power saving feature is possible by setting lights at a lower ambient level, (e.g. 25%) and using a driveway sensor to trigger the lighting to 100% when someone arrives. The 25% lighting can be switched on by using the base-station's dusk/dawn timer.

The effect is created by setting the drive-way 'Area' at a low level when configuring the lighting controller. For example;

1. Double-tap the lighting controller's lid to switch it on.
2. Press DIM-DOWN on the remote control to set the desired low lighting level.
3. Press an 'Area' button on the remote to store e.g. Area e.g. "5". (Area '5' now switches the drive-way lights on/off at the dimmed level)
4. Lastly, teach the PIR or driveway sensor to trigger Area 5.

If the lights are off, the trigger will switch them on. If the lights are already on and at a low level, then the trigger ramps them to full brightness. This simple effect is impressive but also reduces running costs. The remote control may be used to override the sensor at any time.