LightSymphony
4-Channel Lighting Controller

4-Channel Lighting Controller with RGB/W

290mm

290mm   100mm

Features

- IP66 tough ABS enclosure
- Compatible with all lighting types
- Fully dimmable outputs rated 500W per channel
- Smooth on/off
- Colour control for RGB and RGB/W (via DMX)
- Earth bonding metal chassis
- Operates wirelessly requires only a mains supply
- Rugged, separately fused outputs
- Fast, *Lid-On* programming

Part No. LS30540RGBW

Description

The Lighting Controller provides 4 wirelessly controllable channels each rated at 500W and suitable for all load types, including LEDs. It provides flexible control of dimmable and non-dimmable lighting (or pumps) and is quickly configurable as a simple switch, group (zone) or scene controller, with 29 memories and a master on/off.

Each channel can be used as *either* a switched or dimmable (230V) output or a RGB/W colour controller, via DMX. The dimming mode provides a soft-on, soft-off feature with filament pre-heating, which can greatly increase lamp life.

The separately fused outputs are fully protected against over current and over temperature. Large 10mm² input cable terminations, standard (20mm) gland cut-outs and an earth bonded gland-chassis simplify installation.

Lid-on programming speeds commissioning and reduces the risk of water ingress during installation.

Specification

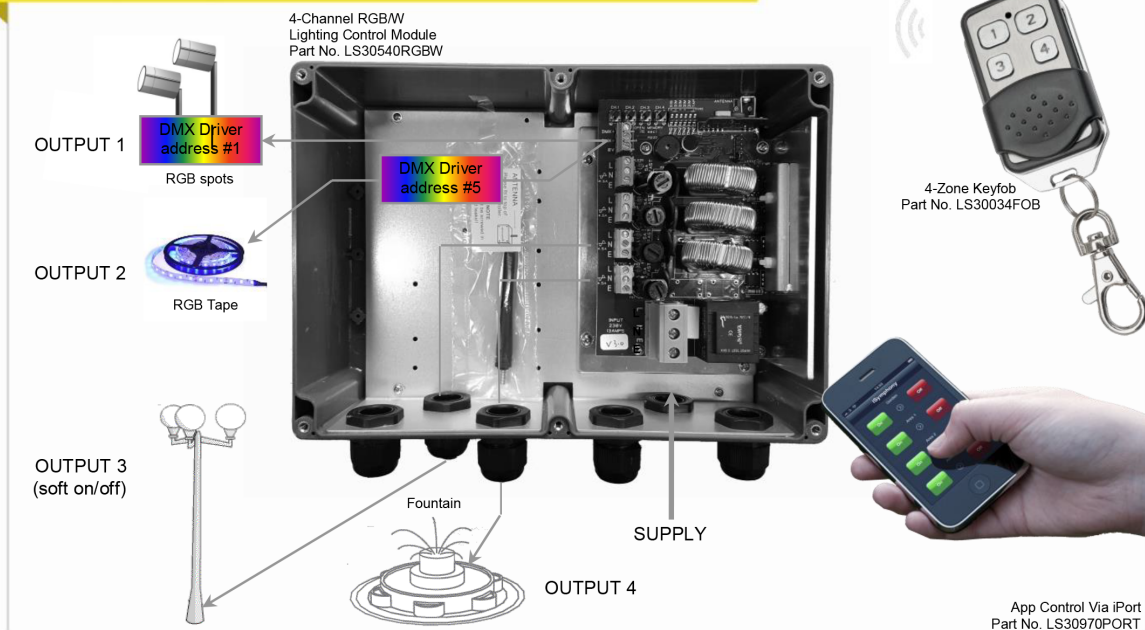|		
Range	-	1000 metre wireless range line-of-site
Enclosure	-	IP66, UV stable, ABS with non-penetrating mounts
	-	translucent lid & neoprene o-ring. Colour RAL7011
RF	-	434.075MHz Narrow Band FM
Coding	-	Security channels 1–32
Power	-	Supply: 230VAC +/-10% 50Hz Standby <1W
Light Outputs	-	4x Switch or Dim LED rated 500W (Triac/Leading-edge)
RGB/W	-	4x RGB or RGBW via DMX bus
Size	-	290 x 290 x 100mm
CE	-	EN 50081 – 1, To EN 50082 – 1

Output	Rating	Option
1	500W	Switch or Dim
2	500W	Switch or Dim
3	500W	Switch or Dim
4	500W	Switch or Dim

Colour control is provided on all 4 channels for RGB or RGBW LEDs, selectable via a global jumper. DMX driver set to address 1, 5, 9 or 13 for channels 1-4 respectively.

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Application Example

4-Channel RGB/W
Lighting Control Module
Part No. LS30540RGBW

OUTPUT 1

DMX Driver address #1

RGB spots

DMX Driver address #5

OUTPUT 2

RGB Tape

OUTPUT 3
(soft on/off)

Fountain

SUPPLY

OUTPUT 4

4-Zone Keyfob
Part No. LS30034FOB

App Control Via iPort
Part No. LS30970PORT

How to use it

The controller 'hears' wireless commands from any of Light Symphony's 1000metre range transmitters, such as the iSymphony app. The Garden On/Off button will switch all outputs together, providing a convenient master control. Outputs can also be separately assigned to 'Areas' (1-29), to provide individual or zoned control.

Internal switches enable dimming with the soft-on / soft-off feature, or colour-blending where RBG/W is used. RGB/W LEDs are connected to the DMX output via a suitable driver. Drivers should be set to DMX address 1,5, 9 or 13 to select outputs 1-4 respectively. Outputs can be used in any combination, either for mains (230V) or for RGB/W, or any mix of the two.

Limitless controllers may be used together to create larger, flexible lighting zones or scenes.

Accessories

Dimmable LED Drivers

350- 700mA	12.5-20W	LS303520CLED
500 - 1050mA	45W	LS301045CLED
12V	12W	LS301012012CV
12V	40W	LS3012040VLED
12V	85W	LS3012085VLED

Colour LED RGB/W Drivers

4x 350mA	50W	LS30560RGBW
4x 12V	100W	LS3012100RGBW
4x 24V	100W	LS3024100RGBW
3x 12V	85W	LS301285RGB

Ground Spike Kit

A pair of adjustable-length, galvanised, steel spikes can be fitted to the Lighting Control Module in place of the supplied wall fixings to provide a convenient ground mounting-method.

Part No. LS30010SPK