## ‘2-WAY’ OR ‘ON/OFF’ SWITCHING

By default, the remote control transmits Area ‘Toggle’ commands. For example, when button ‘Area 1’ is operated, the remote will transmit ‘Area 1 Toggle’. If Area 1’s lighting is ON this will switch it OFF, but if Area 1 was OFF it will switch it ON. In this way the remote can work intuitively with wireless switch modules to create a 2-way switching system.

However, on larger installations, where lighting circuits may have been included in overlapping Areas this type of control may be less convenient.
For example Area 1 may have been designated ‘All Tree Lights’ and Area 2 as “Upper Garden”, where the upper garden includes some tree lighting. In this case, if only the upper garden is ON then ‘Changing’ Area 1 could turn some tree lights on and others off.

The remote control’s behaviour can be modified to transmit On and Off commands instead of ‘Toggle’ commands. This makes 2-way switching less convenient but prevents the unwanted behaviour outlined above.

### ON/OFF MODE

To configure the remote to transmit ‘ON/OFF’ commands;

Press and hold buttons “1” and “3” together until the led blinks rapidly.

### ‘TOGGLE’ (2-WAY) MODE

To configure the remote to transmit ‘TOGGLE’ commands;

Press and hold buttons “4” and “6” together until the led blinks rapidly.

Note: The master ‘Garden On/Off’ buttons are not affected by the above, they will always send On/Off type commands.

**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.

LightSymphony™

Long-Range Remote-Control

## SPECIFICATIONS

| | |
|---|---|
| Battery | 2 x AAA Lithium |
| Frequency | 434.075MHz |
| Range | >1000 meters line-of-sight |
| Safety Rating | Extra Low Voltage |
| Physical | 105 x 58 x 45mm / 0.15Kg |
| Ambient Temp. | 0°C to +40°C |

## INTRODUCTION

The Light Symphony long-range remote control provides simple walk-about control over your garden lighting.

This manual provides a basic guide to its functions and assumes your lighting is now installed and fully working. For more detailed information on the setting up of the system please refer to the instructions provided with Light Symphony’s other products.

Before using the remote control please ensure it is fitted with two Lithium ‘AAA’ size batteries. These are inserted by removing the slide cover on the rear of the unit. For best performance use long-life Alkaline or Lithium batteries.

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## KEY FUNCTIONS

**1. GARDEN ON / OFF**
Press once to switch all the garden lighting on or off.

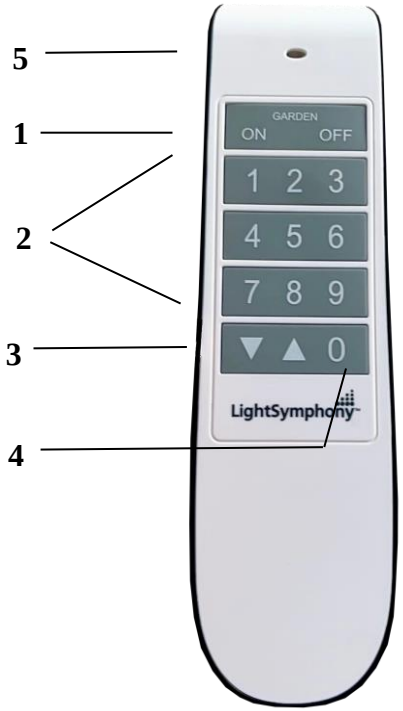
**2. AREA (SCENE) ON / OFF**
Press keys 1 to 9 once to toggle an area/scene on/off.
Press & hold for 5 secs to automatically switch off lights after 10 minutes.

(Pressing the same Area key more than 6 times will cause it to send Area ON / OFF commands instead of 'toggle' commands, which will re-synchronise receivers that may have missed a toggle command)

**3. DIM UP / DIM DOWN**
The Dim Up and Dim Down keys allow control over dimmable lighting only.
The dim keys will affect the group of lights last switched on.
i.e. To dim the whole garden, press GARDEN ON then press Dim DOWN.
To dim only Area 1, press key 1 (to select area 1) then press Dim UP/DOWN.

**4. '0' / COLOUR CONROL** (where RGB lighting is installed)
If coloured lighting is installed the '0' key can be used to select a new colour. The 0 key will effect the last Area that was switched on. If the colour controller is running a light show, the 0 key will stop the automated show and select a static colour.

**5. INDICATOR**
The LED indicator shows the handset is transmitting. It will blink red when a command is sent.




## 'SYSTEM' CODE

Light Symphony use a 'System Code' to prevent interference with neighbouring systems. Lighting controllers will only respond if they have the same System Code as the remote control (or other transmitter). The remote control is factory set to System Code 1.

To select a new System Code (from 1 to 32) press and hold the both the 'Garden On' and 'Garden Off' keys *together* for 5 seconds. The red LED [#5] will illuminate. Next, enter the new system code (1-32) using the keypad.

Afterwards, the LED will blink the code back to confirm the value that's been stored. e.g. 4 flashes confirms System Code = 4.

The remote's System Code is automatically adopted by other Light Symphony products during commissioning. For example the Lighting Controller or PIR will adopt the remote's system code when any new Area/Zone is programmed.

NOTE: When commissioning a new system always set the Remote's System Code first. This ensures other devices have a chance to learn the code during commissioning.

To confirm the remote's system code, press and hold the both the 'Garden On' and 'Garden Off' keys *together* for 5 seconds. The red LED [#5]. Do NOT press any keys and a few seconds later count the number of times the LED flashes.

## ADVANCED FUNCTION - CONTROLLING AREA's 1-29

For larger systems, the remote control may be changed to allow control of Areas 1-29. In this mode, Area's are selected with 2-digit button entry; e.g. for Area 8, press buttons "0" and then "8".

To change the remote into 2-digit mode, press and hold buttons "2" and "9" together, the red LED [#5] will flash rapidly to acknowledge the change.

To change the remote control from 2-digit mode back to single-digit mode press buttons "0" and "1" together, the red LED [#5] will flash rapidly to acknowledge the change.

Having more than 9 Areas can be confusing in everyday use. Therefore, it is recommended that the first 9 Area's are reserved for everyday control. The extended Area codes (10-29) can be useful for creating separately controlled Areas triggered by PIR motion sensors, timers or the gate-interface etc. In this case, use the remote control in 2-digit mode to configure the system but leave it in single-digit mode to simplify operation for the end-user.

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