

LiteWare

RGB Battery Uplighter

with Wireless DMX

Supplied Items

- 1 x RGB Uplighter Unit
- Instruction Leaflet
- Battery Charger
- Mains Lead
- Aerial



Introduction

The RGB battery uplighter with wireless DMX is a stand alone light source. The unit can be controlled by DMX transmitted wirelessly and in stand alone operation using 50 preset colours and 20 preset fade and snap sequences.

Features

- Full RGB with 16 bit dimming curve
- Wireless DMX Control
- Up to 24 hour runtime from fully charged battery (12 hours full white)
- 50 preset colours
- 20 preset colour chases
- Charging Cycle Approximately 8 hours
- Wireless Firmware Update

Conformity

The RGB Uplighter conforms to the following standards:

EN 61000-6-3 Light Industrial Emissions
EN 61000-4-2 Heavy Industrial Immunity



Further information can be obtained from technical@gds.uk.com

Normal Operation

DMX mode

To turn the unit ON or OFF, the Top Button needs to be held for 1.5 Seconds. The button LED will illuminate to show the unit is awake.

In Stand Alone Mode

To turn the unit ON or OFF, the button needs to be held for 1.5 Seconds. The button LED will illuminate to show the unit is awake. A short push of the button will dim the unit to the next level. There are 7 levels. When the button is pushed for the 7th time, the unit will jump back up to full level.

In either mode when the battery voltage falls below 9.7V, the unit will go to sleep and pulse the top button LED at a rate of 100ms ON, 1900ms OFF. The unit can't be switched back on until it has been recharged.

Address Settings

The address of the unit is set using 2 push buttons on the base. These are labelled UP and DOWN. Pushing the UP button will increment the address, pushing the DOWN button will decrement the address. If the unit is at 001 and you press the DOWN button, it will remain at 001. If you hold one of the buttons the address will slowly increment/decrement gradually speeding up. When the address reaches 512 it will stop at the boundary. You must then release the button and push it once again to get to address 600. These boundaries are intended to make the addressing easier to navigate. The boundaries are: -

1-512	Wireless DMX Mode Address
601-650	Fixed Colour Mode
651-660	Colour Fade Sequence
661-670	Colour Snap Sequence

Any time you push UP or DOWN the address will display for 5 seconds before blanking. The address will be displayed for another 5 seconds upon pressing either button.

Wireless DMX Mode (Address 1-512)

In WDMX Mode – the unit will simply respond to the DMX levels being received. DMX channel allocations are as follows:

Start Address	Red Level
Start Address +1	Green Level
Start Address +2	Blue Level

A control channel may be added at a later date.

In WDMX mode, the unit will hold the last DMX value upon loss of signal or DMX. The unit will store this level when turned off so it can be resumed when it is powered back up.

If the battery is disconnected, these values will be lost.

Stand-Alone Mode (Address 600+)

601-650 FIXED COLOURS

Detailed in table on page 4

651-655 COLOUR FADE SEQUENCE 1

A colour fade sequence with 5 different speeds of transition

656-660 COLOUR FADE SEQUENCE 2

A colour fade sequence with 5 different speeds of transition

661-665 COLOUR SNAP SEQUENCE 1

A colour snap sequence with 5 different speeds of transition

666-670 COLOUR SNAP SEQUENCE 2

A colour snap sequence with 5 different speeds of transition

The top button in this mode will operate as follows: -

Long press >1.5 seconds unit turns ON if OFF, and OFF if ON.

Short press <1.5 seconds If ON then the unit dims current colour to the next level, there are 7 levels.

Docked Not Charging

When the unit is docked it will go to sleep, if it's on it will turn off and disable all non-essential peripherals. The button LED will remain off. You can't switch the unit on while it is docked.

Docked and Charging

The unit will detect its charging by monitoring the charge current. The button has no effect on this mode. The button LED will respond as follows:

Flashing 500ms ON/OFF Unit is ready for use

Constant ON - Unit is charging

WDMX Linking

The Uplighter is automatically unlinked from the transmitter when plugged into the charger. The link status is shown on the LED display on the base of the unit when its powered on.

Battery Care

The Uplighter contains a Sealed Lead-Acid battery. The battery should not be left in an discharged state for long periods because it will reduce its capacity.

Fixed Colour Table

ADDRESS	COLOUR	LEE Ref	ROSCO Ref
601	RED		
602	GREEN		
603	BLUE		
604	YELLOW		
605	CYAN		
606	MAGENTA		
607	ORANGE		
608	GOLD		
609	PINK		
610	VIOLET		
611	AQUA		
612	SKY BLUE		
613	FULL WHITE		
614	COOL WHITE		
615	WARM WHITE		
616	YELLOW	LEE 101	
617	STRAW	LEE 103	
618	ORANGE	LEE 105	
619	PRIMARY RED	LEE 106	
620	LIGHT ROSE	LEE 107	
621	DARK PINK	LEE 111	
622	MAGENTA	LEE 113	
623	BLUE	LEE 115	
624	MED BLUE GREEN	LEE 116	
625	DARK BLUE	LEE 119	
626	BRIGHT PINK	LEE 128	
627	MEDIUM BLUE	LEE 132	
628	GOLDEN AMBER	LEE 134	
629	DEEP GOLDEN AMBER	LEE 135	
630	PALE LAVENDER	LEE 136	
631	APRICOT	LEE 147	
632	DARK LAVENDER	LEE 180	
633	CHOCOLATE	LEE 156	
634	JUST BLUE	LEE 079	
635	SURPRISE PINK	LEE 194	
636	SCARLET	LEE 024	
637	SURPRISE PEACH	LEE 017	
638	FIRE	LEE 019	
639	ENGLISH ROSE	LEE 108	
640	MAUVE	LEE 126	
641	BRIGHT BLUE	LEE 141	
642	ALICE BLUE		ROSCO 378
643	ROSE INDIGO		ROSCO 358
644	URBAN BLUE		ROSCO 081
645	COOL BLUE		ROSCO 066
646	LIGHT SALMON		ROSCO 030
647	MAYAN SUN		ROSCO 318
648	CHERRY ROSE		ROSCO 332
649	FLESH PINK		ROSCO 034
650	SKELTON EXOTIC SANGRIA		ROSCO 039