

SL-H7 / SL-H12
smartLIGHT

Item ref: 154.020UK, 154.021UK
RGBWAV Lighting Fixtures





Caution: Please read this manual carefully before operating
Damage caused by misuse is not covered by the warranty

Introduction

Thank you for choosing the SmartLIGHT series 6-colour lights as part of your effect lighting setup. These fixtures use RGBWAV LEDs to provide a seamless mix of colours including pastel and warm colours and a violet component with UV content. Please read this manual to achieve the best results from your product.

Unpacking

Your SL-H7 or SL-H12 should reach you in good condition, supplied with appropriate mains lead(s) and mounting bracket. If there is any damage or items missing from the packaging, contact your dealer immediately.

Warning

To prevent risk of fire or electric shock, do not expose electrical parts to rain or moisture.

If any liquids are spilled on the housing, allow it to dry out and have checked by qualified service personnel before further use.

Avoid any impact, dropping or extreme pressure to the housing.

No user serviceable parts inside - do not open the case. Refer all servicing to qualified service personnel.

Allow the fixture to acclimatize to room temperature before operating.

Safety Symbol and Message Conventions



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

AVIS
RISQUE DE CHOC
ELECTRIQUE
NE PAS OUVRIR



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

Safety

- Check for correct mains voltage and condition of the IEC lead before connecting to a power outlet
- Check the condition of DMX control leads before connecting to a controller
- This unit can produce very bright output. Do not look directly into the LEDs whilst powered up.



This unit must be earthed

Placement

- The SL-H7 / SL-H12 may be placed free-standing by using the double bracket as a bipod
- If mounted at height, use the double bracket and attach a drop cable for safety
- Ensure adequate air-flow to the heat sink and vents for cooling
- Ensure adequate access to controls and connections

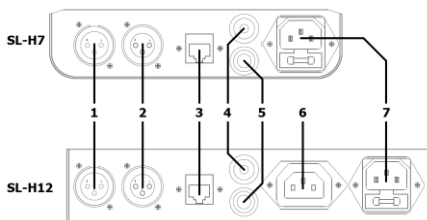
Cleaning

- Use a soft dry or slightly damp to clean the housing and lenses.
- Do not use solvents

Setting up

Install the SL-H7 or SL-H12 by using the mounting bracket on trussing or as a floor stand. Experiment with positioning and distance to get the best coverage for the area to be lighted. For DMX or master/slave control, link DMX out to DMX in using good quality DMX leads. Connect to mains using the appropriate IEC lead, checking that the supply voltage is correct. If an SL-FC4 controller is to be used, connect this via the 8P8C (RJ45) connector.

Connection panel



1. DMX in XLR
2. DMX out XLR
3. SL-FC4 connector RJ45
4. Sound activation microphone
5. Microphone sensitivity control
6. IEC mains output (SL-H12 only)
7. Mains inlet IEC and fuse holder

Control panel

SL-H7 and SL-H12 fixtures can be operated in static, auto, sound activated or DMX modes.



Depending upon which mode of operation is required, it will be necessary to select options and settings via the control panel and display.

To set the operating mode, press FUNC, then UP or DOWN through options, then ENTER to select an option.

Control panel settings

Display	Mode	Press ENTER for setting (press FUNC to exit)
<i>Addr</i>	DMX address	<i>ADD 1</i> to <i>AS 12</i>
<i>Auto</i>	Auto program 1-4	<i>Aut 1</i> to <i>Aut 4</i> (auto programs 1-4)
<i>Sund</i>	Sound activated mode	<i>SUn 1</i> , <i>SUn 2</i> , <i>Stro</i> , <i>PULS</i> (sound activated programs)
<i>CLor</i>	Static colour	<i>rEd</i> , <i>g-rEn</i> , <i>blUE</i> ... <i>COOL</i> (15 selectable static colours)
<i>dl SP</i>	Invert display	<i>dl SP</i> or <i>dSI P</i> (inverted or non-inverted display)

Standalone operation

Static colour output is selectable via the *CLor* option on the control panel.

15 pre-set colours are available, detailed in the table on the following page.

If a more dynamic effect is needed, 4 *Auto* programs can be selected.

These have a pre-set sequence, also detailed in the table on the following page.

4 *SUn* sound activated options are also available responding to the internal microphone.

Master/Slave operation

For Auto, Sound or Colour modes, Master/Slave mode can be enabled by connecting onto further SL-H7 or SL-H12 units using XLR leads and setting all slave units to any DMX address.

Static colours

rEd	Red
GrEn	Green
blUE	Blue
WhIt	White
AmBE	Amber
viOL	Violet
YELL	Yellow
MAgE	Magenta

URi	Warm White
OrAn	Orange
Pi nH	Pink
EmER	Emerald
AQUA	Aqua
PEAC	Peach
COOL	Cool White

Auto and Sound programs

Aut 1	Colour jump cycling through CL01 to CL15
Aut2	Colour scroll through deep colours
Aut3	Colour scroll through pastel colours
Aut4	Colour fade in / fade out

SU:1	Sound activated colour jump every beat
SU:2	Sound activated colour jump alternate beats
Stro	Sound activated white strobe
PULS	Sound activated pulse with fade out

DMX operation

SL-H7 and SL-H12 fixtures can operate from a DMX512 signal connected to the DMX IN connector (1) on the connection panel. This signal can be connected on to further units from the DMX OUT connector (2).

To operate via DMX, set the DMX start address in the **Addr** option on the control panel.

Channel allocations are shown below (Ch1. represents the DMX start address)

Ch.1	000-255	Red 0 -100%
Ch.2	000-255	Green 0 -100%
Ch.3	000-255	Blue 0 -100%
Ch.4	000-255	White 0 -100%
Ch.5	000-255	Amber 0 -100%

Ch.6	000-255	Violet 0-100%
Ch.7	000-005	Blackout
	006-255	Master dimming
Ch.8	000-005	No function
	006-255	Strobe slow to fast
	251-255	Sound activated strobe

Specifications

Model	SL-H7	SL-H12
Power supply	90-240Vac, 50/60Hz (IEC)	
Power consumption	84W	144W
Connections	IEC in, DMX in & out, FC-4 in	IEC in & out, DMX in & out, FC-4 in
LED qty	7 x 6-in-one	12 x 6-in-one
LED colours	Red, Green, Blue, White, Amber, UV	
LED type	12W RGBWAV	
Beam angle	35°	
Dimensions	240 x 210 x 85mm	250 x 235 x 82mm
Weight	2.27kg	2.55kg
LED safety standard	BSEN62471:2008	

Troubleshooting

No power (mains)	Check mains voltage is correct and outlet is switched on
	Check IEC lead and fuse (if fuse continually blows, refer to your dealer)
No light output	Check DMX settings on fixture and from controller (dimmer levels, blackout)
Unresponsive to DMX	Check DMX connection and leads and DMX mode is enabled to correct address
Overheating/ cutting out	Ensure that the unit is not too close to a heat source
	Ensure that cooling vents on the side panels are clear and not covered



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.
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