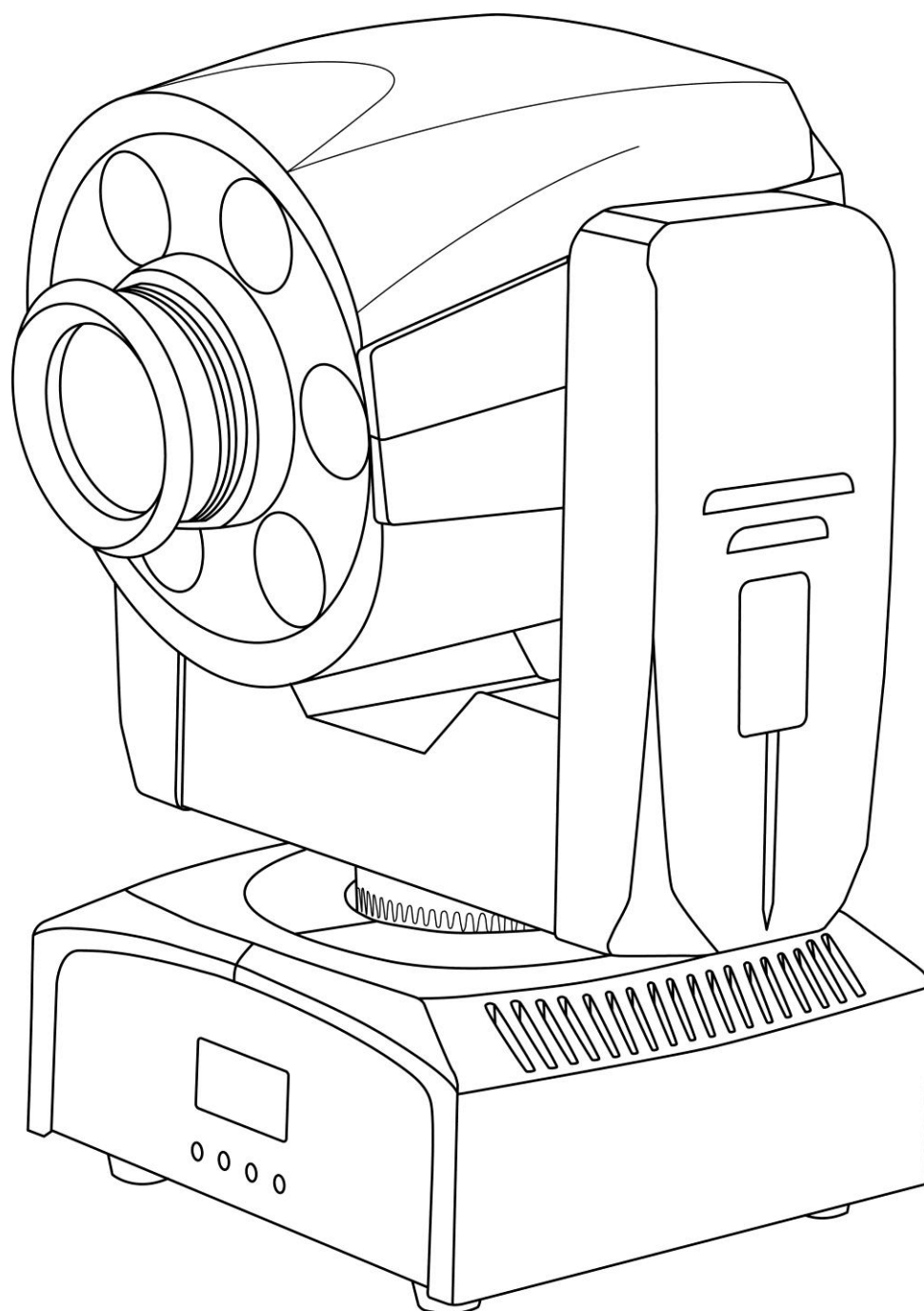


G30-W6

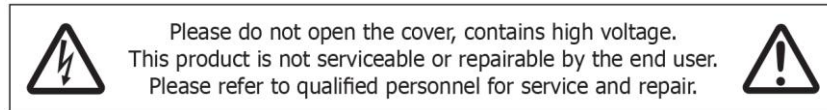
2-in-1 LED MOVING HEAD WITH GOBO AND WASH

Item ref: 150.460UK

User Manual



Please read through this manual thoroughly before use,
any damage caused by misuse of the product will not be covered by the warranty.



Safety Instructions

- Please keep this manual for future reference.
- Always make sure that you are connecting to the proper voltage, and that the line voltage you are connecting to is not higher than that stated on the bottom of the fixture.
- This product is intended for indoor use only. It must be connected to an earthed mains outlet.
- To prevent risk of fire or shock, do not expose fixture to rain or moisture. Make sure there are no flammable materials close to the unit while operating.
- The unit must be installed in a location with adequate ventilation, at least 20cm from adjacent surfaces. Be sure that no ventilation slots are obstructed.
- Always disconnect from power source before servicing or replacing fuse and be sure to replace with same fuse size and type.
- Maximum ambient temperature is 40°C. Do not operate the fixture at higher temperatures.
- In the event of a serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorised technical assistance centre.
- Make sure the power cord is never crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.
- Avoid direct eye exposure to the light source while it is on.

WARNING: This unit should be installed safely and expertly. When the unit is installed in a place where people may walk or sit under it, additional security is required via the eyebolt provided screwed into the hole in the base plate. Then attach a safety wire to the eyebolt so that the maximum falling distance of the unit will not exceed 20cm.

Connections: The unit is equipped with 3-pole XLR connections DMX IN and DMX OUT. The units to be controlled are connected in a chain to the fixture (Master or DMX controller) sending the control signals.

The G30-W6 is a 2-in-1 moving head equipped with a combination of a spotlight in the centre and wash lights surrounding. The spotlight produces a narrow beam of light projecting different patterns using the internal gobo and colour wheel. 6 LEDs illuminate to create the wash effect. Operation is easy through auto, sound-to-light or DMX. Fantastic for small stages, function rooms and night clubs.

- Auto, DMX, sound-to-light and master/slave controls
- 4 or 18 channel DMX control
- 8 built-in programs
- Manual focus adjust for the spotlight beam
- Controlled pan and tilt
- 7 selectable gobo patterns and 7 solid colours, plus open
- We recommend that this product is used within the guidelines HSG95

Specifications

Power supply	100-240Vac, 50/60Hz (IEC)	Tilt range	180°
Power consumption	95W	DMX channels	4 or 18
Fuse rating	2A	DMX connection	XLRM in, XLR out
LEDs : spot	1 x 30W white	Gobos	7 patterns & 7 solid colours
LEDs : wash	6 x 8W 4-in-1 RGBW	Dimensions	150 x 200 x 360mm
Beam angle : spot	11°	Weight	4.3kg
Beam angle : wash	25°	LED safety standard	BSEN62471:2008
PAN range	540°		

Function Menu

1	A001	DMX Address	001 - 512	
2	CHND	DMX Mode	4CH 18CH	
3	SPND	Speed Mode	HI SP (high speed) Lo SP (low speed)	Pan/Tilt movement of the head
4	SLNd	Master/Slave	NAST (master) SL1 (slave)	
5	SHNd	Internal Show Programs	SH1	
			SH2	
			SH3	
			SH4	
			SH5	
			SH6	
			SH7	
			SH8	
6	Soun	Sound activation	Soun off	
7	Pan	Pan reverse	on off	
8	tIL	Tilt reverse	on off	
9	diSP	Display Invert	on off	
10	rFAC	Reset default	on off	
11	Ad t	Home Position	Select P018 and call up the sub-menu for calibration	
		Setting	Delt	
			P (PAN)	.=0-120
			T (TILT)	.=0-120
			C (color)	.=0-120
F (gobo)	.=0-120			
12	rST	Motor reset		

DMX Control

For DMX operation, the number of DMX Channels and the DMX starting address must be set.

- 1) Set the number of channels (4 or 18 channels) via the menu **SPND** (2) item. The number of DMX channels depends on the functions required.
- 2) Set the DMX start address via **A001** (1). For separate control of all DMX-controlled units, each unit must have its own start address.

Operation without DMX

Speed Mode

Select **SPND** from the menu, press enter and then select **HI SP (high speed)** or **Lo SP (low speed)** via arrow keys and pressing enter to confirm.

Master/Slave

To operate this unit in either Master or Slave mode select **SLNd** in the menu and press enter. If you require the unit to be the Master select **NAST** and press enter. PLEASE NOTE. Never select more than one Master in a Master/Slave daisy chain. To select the unit as a slave (mimic what the Master is doing) select mode **SLNd** press enter and using the up/down keys find **SL1** and press enter.

(A unit set to 'slave' will automatically return to 'master' when a different mode is selected.)

Internal Show Programs

Your G30-W6 has 8 programmed light shows already built in. To select one of these show programs using the up/down keys find **SHNd** and press enter. SH 1 will then appear. Using the up/down keys select the desired show and press enter.

Sound Activation (sound-to-light movement)

To start the Sound activation show program, find **Soun** in the menu using the up/down keys and press enter. You will then see **on** or **off**. Using the arrow keys again select **on** or **off** and press enter.

Note: The Sound activation mode will automatically be de-activated when 'slave mode' or DMX mode is selected.

Pan Reverse (invert)

To reverse the pan direction using, the up/down keys find **Pan** in the menu and press enter. You will then see **on** or **off**. Using the arrow keys again select **on** or **off** and press enter.

Tilt reverse (invert)

To reverse the tilt direction, using the up/down keys find **tIL** in the menu and press enter. You will then see **on** or **off**. Using the arrow keys again select **on** or **off** and press enter.

Display Invert

To invert the display, using the up/down keys find **diSP** in the menu and press enter. You will then see **on** or **off**. Using the arrow keys again select **on** or **off** and press enter.

Reset default

To reset the menu to its factory settings, using the up/down keys find **rFAC** in the menu and press enter. You will then see **on** or **off**. Using the arrow keys again select **on** or **off** and press enter.

Home Settings

The menu item **Ad t** can be used to adjust the start position for the Pan, Tilt, Colour and Gobo wheels.

Using the up/down keys find **Ad t** in the menu and press enter. **P000** will appear. With the up key set the display to **P018** and press enter. **dELE** will be displayed. In this sub-menu you have **P** = Pan, **t** = tilt, **C** = colour wheel, **F** = Gobo wheel and **dELE**. Set the **P**, **t**, **C** and **F** to their required start positions. Using the up/down keys and enter button. All the values can be returned to **000** if **dELE** is selected and the enter button is pressed. Press enter again.

Note: The home setting values will not be reset when the menu **rFAC** is reset.

Motor reset

To reset the motor control, using the up/down keys find **rST** in the menu and press enter. After the resetting has taken place it will return to its previous operating mode.

DMX Channels

4 Channel definition table

CHANNEL	DMX VALUE	FUNCTION
1	000-255	Pan 0° - 540°
2	000-255	Tilt 0° - 180°
	000-007	Empty
	008-047	Auto Play 1
	048-087	Auto Play 2
3	088-127	Auto Play 3
	128-167	Auto Play 4
	168-207	Auto Play 5
	208-247	Auto Play 6
	248-255	Colour and Gobo Sound Activation
	000-007	Empty
	008-032	Pan/Tilt Auto Run 1
	033-058	Pan/Tilt Auto Run 2
	059-084	Pan/Tilt Auto Run 3
	085-110	Pan/Tilt Auto Run 4
4	111-136	Pan/Tilt Auto Run 5
	137-162	Pan/Tilt Auto Run 6
	163-188	Pan/Tilt Auto Run 7
	189-214	Pan/Tilt Auto Run 8
	215-240	Pan/Tilt Auto Run 9
	241-255	Pan/Tilt Sound Activation

18 Channel definition table

CHANNEL	DMX VALUE	FUNCTION
1	000-255	Pan 0° - 540°
2	000-255	Pan – Fine adjustment
3	000-255	Tilt 0° - 180°
4	000-255	Tilt – Fine adjustment
5	000-255	Pan/Tilt Speed Fast to Slow
	000-023	Open (White)
	024-047	Orange
	048-071	Light Blue
	072-095	Light Purple/Pink
6	096-119	Yellow
	120-143	Green
	144-167	Dark Blue
	168-191	Red
	192-255	Colour Scroll Slow to Fast
	000-011	Open
	012-023	Gobo 1
	024-035	Gobo 2
	036-047	Gobo 3
	048-059	Gobo 4
	060-071	Gobo 5
	072-083	Gobo 6

7	084-095	Gobo 7
	096-111	Gobo 1 Shake Slow to Fast
	112-127	Gobo 2 Shake Slow to Fast
	128-143	Gobo 3 Shake Slow to Fast
	144-159	Gobo 4 Shake Slow to Fast
	160-175	Gobo 5 Shake Slow to Fast
	176-191	Gobo 6 Shake Slow to Fast
	192-255	Gobo Scroll Slow to Fast
8	000-255	0-100% Dimmer for 30W LED
	000-004	Shutter Closed for 30W LED
9	005-250	Strobe Effect Slow to Fast for 30W LED
	251-255	Shutter Open for 30W LED
10	000-255	0-100% Dimmer for 6 x 8W LEDs
	000-004	Shutter Closed for 6 x 8W LEDs
11	005-250	Strobe Effect Slow to Fast for 6 x 8W LEDs
	251-255	Shutter Open for 6 x 8W LEDs
12	000-255	Red for 6 x 8W LEDs
13	000-255	Green for 6 x 8W LEDs
14	000-255	Blue for 6 x 8W LEDs
15	000-255	White for 6 x 8W LEDs
16	000-007	Empty
	008-047	Auto Play 1
	048-087	Auto Play 2
	088-127	Auto Play 3
	128-167	Auto Play 4
	168-207	Auto Play 5
	208-247	Auto Play 6
	248-255	Colour Gobo Sound Control
17	000-007	Empty
	008-032	X/Y auto run 1
	033-058	X/Y auto run 2
	059-084	X/Y auto run 3
	085-110	X/Y auto run 4
	111-136	X/Y auto run 5
	137-162	X/Y auto run 6
	163-188	X/Y auto run 7
	189-214	X/Y auto run 8
	215-240	X/Y auto run 9
	241-255	X/Y Sound Control
18	250-255	RESET(10S)



This 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.
Copyright© 2016. AVSL Group Ltd.*