



# LED UP Quad-4

---

## User Manual



[www.showtech.com.au](http://www.showtech.com.au)

Table of Contents

**SHOWPRO**



# LED UP Quad-4

---

1. Safety instructions.....	3
1.1 Power Connection .....	4
1.2 Overhead Rigging .....	4
1.3 Cleaning and Maintenance .....	6
2. Menu Navigation .....	7
3. DMX Allocation.....	11
4. Technical Specifications .....	15



# LED UP Quad-4

---

## 1. Safety Instructions

### FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperature.

Avoid exposing it to direct rays of sun.

Operate only between 41°F/5°C and 95°F/35°C.

Keep away from humidity, water and dust.

Do not place the unit in a location with high humidity or lots of dust.

It is ideal to use the Hercules away from such equipment:

Transformer motor, tuner, TV set and amplifier.

Avoid placing on un-stable location

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning

Use a dry cloth to wipe off dust, or a wet soft cloth for stubborn dirt.

NO USER SERVICABLE PARTS INSIDE.

If unit is out of service, please contact your point of purchase.

If any troubles arise, remove the power plug and contact your ShowPro representative for repair. Do not open the machine by yourself, it might result a danger of electric shock.

Take care with the power cable. Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug.

When not using the unit for an extended period of time be sure to disconnect the plug from the receptacle.



# LED UP Quad-4

---

## 1.1 Power Connection

**AC Power** This product has an auto-ranging power supply that can work with an input voltage range of 100–240 VAC

### AC Plug

Connection	Wire
AC Live	Brown
AC Neutral	Blue
AC Ground	Green/Yellow

## 1.2 Overhead Rigging

This item must be built in a way that it can hold 10 times more of its weight for 1 hour without causing any damage. The installation must be secured with a secondary safety attachment. The Safety attachment has to be constructed in a way that no part of the installation can fall. When rigging, de-rigging or servicing the fixture ensure that the area below is secure. Before putting the device into operation, the installation must be approved by an expert. The operator has to make sure that safety-relating and machine-technical installations are approved by a skilled person once a year.

**IMPORTANT!** OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE.

Including (but not limited to) calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the projector. If you lack these qualifications, do not attempt the installations yourself, but instead use a professional structural rigger. Improper installation can result in bodily injury and/or damage to property.

Use only professional trussing system if the item is to be lowered from the ceiling or high joists. Never let the device swing freely in a room.



# LED UP Quad-4

---

CAUTION: Overhead Items may cause serious injuries when not installed correctly!! If there is concern about the safety DO NOT INSTALL the device.

## **DANGER OF FIRE!**

When installing the device, make sure there is no highly-flammable material (decoration articles, etc.) within a distance of min. 0.5m.

Mount the projector with the mounting bracket to your trussing system using an appropriate clamp.

For overhead use, always install a rated safety - wire that can hold at least 10 times the weight of the fixture. You must only use rated safety – wire with quick links with screw cap. Pull the rated safety - wire through the hole in the mounting bracket and over the trussing system or a safe fixation spot. Insert the end in the quick link and tighten the safety screw. The maximum drop distance must never exceed 20cm  
A safety - wire which has already held the strain of a fall or which is defective must not be used again.

## **IMPORTANT!**

Before taking into operation for the first time, the installation has to be approved by an expert.



# LED UP Quad-4

---

## 1.3 Cleaning and Maintenance

Please make sure that safety-relating and machine-technical installations are inspected by a skilled person once a year.

1. Make sure before installing that all screws are tightly connected and not corroded.
2. There must be no deformations on the housings, fixations and installations spots
3. Any defects on the electronics, power cables or housing must be repaired for safe use.

If the exterior of the unit is going to be cleaned, please use moist, lint free cloths. Never use alcohol or solvents.

The Cooling fan must be cleaned monthly and check to ensure it is free of obstructions.

To clean the interior of the device please use a vacuum cleaner or an air jet, however we recommend cleaning the lenses weekly to ensure the best output from your unit.



# LED UP Quad-4

## 2.0 Menu Navigation

NO.	Menu Level1	Menu Level2	Menu Level3	Remark
1	4 - C H	d      1		( Default:10CH, d 1)
		d 5 1 2		
2	6 - C H	d      1		
		d 5 1 2		
3	1 0 C H	d      1		
		d 5 1 2		
4	C - - Color	C      1		1:R
		2		2:G
		3		3:B
		4		4:W
		5		5:GB
		6		6:RB
		7		7:RG
		8		8:RGB
		9		9:RW
		1 0		10:GW
		1 1		11:BW



# LED UP Quad-4

		<table border="1"> <tr> <td></td> <td></td> <td>1</td> <td>2</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>3</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>4</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>5</td> </tr> </table>			1	2			1	3			1	4			1	5		12:RGW 13:RBW 14:GBW 15:RGBW (Default : RGBW)				
		1	2																					
		1	3																					
		1	4																					
		1	5																					
5	<table border="1"> <tr> <td>P</td> <td>-</td> <td>-</td> <td></td> </tr> </table> Programs	P	-	-		<table border="1"> <tr> <td>P</td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>P</td> <td></td> <td></td> <td>2</td> </tr> <tr> <td>P</td> <td></td> <td></td> <td>3</td> </tr> <tr> <td>P</td> <td></td> <td></td> <td>4</td> </tr> </table>	P			1	P			2	P			3	P			4		Default : P 1
P	-	-																						
P			1																					
P			2																					
P			3																					
P			4																					
6	<table border="1"> <tr> <td>S</td> <td>-</td> <td>-</td> <td></td> </tr> </table> Program Speed	S	-	-		<table border="1"> <tr> <td>S</td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>S</td> <td>1</td> <td>0</td> <td>0</td> </tr> </table>	S			1	S	1	0	0		( Default : S100 )								
S	-	-																						
S			1																					
S	1	0	0																					
7	<table border="1"> <tr> <td>S</td> <td>n</td> <td>d</td> <td></td> </tr> </table> Sound-Active Mode	S	n	d																				
S	n	d																						
8	<table border="1"> <tr> <td>S</td> <td>e</td> <td>n</td> <td>S</td> </tr> </table> Sound Sensitivity	S	e	n	S	<table border="1"> <tr> <td>u</td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>u</td> <td>1</td> <td>0</td> <td>0</td> </tr> </table>	u			0	u	1	0	0		( Default : 80 )								
S	e	n	S																					
u			0																					
u	1	0	0																					





# LED UP Quad-4

<p>9</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>U</td> <td>-</td> <td>-</td> <td></td> </tr> </table> <p>User colors regulate</p>	U	-	-		<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>r</td> <td></td> <td></td> <td>0</td> </tr> <tr> <td></td> <td>2</td> <td>5</td> <td>5</td> </tr> <tr> <td>g</td> <td></td> <td></td> <td>0</td> </tr> <tr> <td></td> <td>2</td> <td>5</td> <td>5</td> </tr> <tr> <td>b</td> <td></td> <td></td> <td>0</td> </tr> <tr> <td></td> <td>2</td> <td>5</td> <td>5</td> </tr> <tr> <td>W</td> <td></td> <td></td> <td>0</td> </tr> <tr> <td></td> <td>2</td> <td>5</td> <td>5</td> </tr> </table>	r			0		2	5	5	g			0		2	5	5	b			0		2	5	5	W			0		2	5	5		<p>( Default RGBW=255)</p>
U	-	-																																						
r			0																																					
	2	5	5																																					
g			0																																					
	2	5	5																																					
b			0																																					
	2	5	5																																					
W			0																																					
	2	5	5																																					
<p>10</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>d</td> <td>I</td> <td>M</td> <td></td> </tr> </table> <p>Dimmer speed setting</p>	d	I	M		<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>O</td> <td>F</td> <td>F</td> </tr> <tr> <td>d</td> <td>I</td> <td>M</td> <td>1</td> </tr> <tr> <td>d</td> <td>I</td> <td>M</td> <td>2</td> </tr> <tr> <td>d</td> <td>I</td> <td>M</td> <td>3</td> </tr> </table>		O	F	F	d	I	M	1	d	I	M	2	d	I	M	3		<p>Default: OFF</p>																
d	I	M																																						
	O	F	F																																					
d	I	M	1																																					
d	I	M	2																																					
d	I	M	3																																					
<p>11</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>S</td> <td>E</td> <td>T</td> </tr> </table>		S	E	T	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>O</td> <td>n</td> <td></td> </tr> <tr> <td></td> <td>O</td> <td>F</td> <td>F</td> </tr> </table>		O	n			O	F	F																										
	S	E	T																																					
	O	n																																						
	O	F	F																																					
<p>12</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>S</td> <td>-</td> <td>t</td> <td>r</td> </tr> </table> <p>2.4G WiFi Setting</p>	S	-	t	r	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>d</td> <td>r</td> <td>A</td> <td>S</td> </tr> <tr> <td>d</td> <td>r</td> <td>C</td> <td>H</td> </tr> </table>	d	r	A	S	d	r	C	H	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>d</td> <td>r</td> <td>A</td> <td>U</td> </tr> <tr> <td>d</td> <td>r</td> <td></td> <td>1</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>6</td> </tr> </table>	d	r	A	U	d	r		1			1	6	<p>drAS : Wireless Automatically Receive</p> <p>drCH: Wireless Manual Receive</p>												
S	-	t	r																																					
d	r	A	S																																					
d	r	C	H																																					
d	r	A	U																																					
d	r		1																																					
		1	6																																					



# LED UP Quad-4

				(Default : dr 1)						
		d	t	A	S	d	t	A	U	dtAS
		d		t		C		H		dtCH
								1	6	
		<p>1) The signal points is at the lower right corner of display screen, the status prompt of 2.4G WIFI is flashing.</p> <p>2) Automatic code button to proceed to the automatic mode to be effective</p>								



# LED UP Quad-4

## 3.0 DMX Allocation

4-CH	Function	Value	Percent/Setting
1	Red	000-255	0~100%
2	Green	000-255	0~100%
3	Blue	000-255	0~100%
4	White	000-255	0~100%

6-CH	Function	Value	Percent/Setting
1	Dimmer	000-255	0~100%
2	Red	000-255	0~100%
3	Green	000-255	0~100%
4	Blue	000-255	0~100%
5	white	000-255	0~100%
6	strobe	000-010 011-255	NO Function Strobe slow to fast

10-CH	Function	Value	Percent/Setting
1	Dimmer	000-255	0~100%
2	Red	000-255	0~100%
3	Green	000-255	0~100%
4	Blue	000-255	0~100%
5	White	000-255	0~100%
	<b>Manual Color + Color Temperature</b>	000~010	No Function
		011~030	R 100%, G 0~100%, B 0%
		031~050	R 100%~0%, G 100%, B 0%
		051~070	R 0%, G 100%, B 0~100%
		071~090	R 0% G 100%~0% B 100%
		091~110	R 0%~100% G 0% B 100%
		111~130	R 100% G 0% B 100%~0%
		131~150	R 100% G 0%~100% B 0%~100%
		151~170	R 100%~0% G 100%~0% B 100%
	171~200	R 100% G 100% B 100% W100%	

# SHOWPRO



## LED UP Quad-4

6		201~205 206~210 211-215 216-220 221-225 226-230 231-235 236-240 241-245 246-250 251-255	Color temperature1 Color temperature2 Color temperature3 Color temperature4 Color temperature5 Color temperature6 Color temperature7 Color temperature8 Color temperature9 Color temperature10 Color temperature11
7	strobe	000-010 011-255	NO Function Strobe slow to fast
8	<b>Auto/ Sound Programs</b>	000-010 011-060 061-120 121-180 181-240 241-255	No Function Auto Program 1 Auto Program 2 Auto Program 3 Auto Program 4 Sound Show
9	<b>Auto Speed</b>	000-255	Speed Slow to Fast
10	<b>Dim Mode</b>	000-051 052-101 102-152 153-203 204-255	Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode1 (fast speed) Dimmer speed mode2 (middle speed) Dimmer speed mode3 (slow speed)



# LED UP Quad-4

N O.	KEY	FUNCTI ON	Step 1	Step 2	Ste p 3	Description
1	BLACKOUT		BLACKOUT	Any key-press		Press "BLACKOUT", press other keys are invalid, power is not saved.
2	STROBE		STROBE	+/-		Strobe(power save) Available for : AUTO/SOUND/STOBE/FADE/MANUAL/RGBA UVW/Number : 0-9
3	SPEED		SPEED	+/-		Auto program speed
4	SENSITIVITY		SENSITIVITY	+/-		Available for Sound mode
5	%		%	+/-		Available for : AUTO/SOUND/STOBE/FADE/MANUAL/RGBA UVW/Number : 0-9
6	+/-		AUTO/SOUND/STOBE/SPEED/SENSITIVITY/%/FADE/MANUAL/RGBAUVW	+、-		
7	AUTO	Function 1	AUTO	+/-		Auto program mode
		Function 2	AUTO	SPEED	+/-	Auto program speed
		Function 3	AUTO	STROBE	+/-	Auto program strobe
		Function 4	AUTO	%	+/-	
8	SOUND	Function 1	SOUND	+/-		Sound mode
		Function 2	SOUND	SENSITIVITY	+/-	
		Function 3	SOUND	STROBE	+/-	
		Function 4	SOUND	%	+/-	
9	FADE	Function 1	FADE	+/-		Fade mode
		Function 2	FADE	SPEED	+/-	
		Function 3	FADE	STROBE	+/-	
		Function 4	FADE	%	+/-	
10	MANUAL	Function 1	MANUAL			R/G/B/A/UV/W
		Function 2	MANUAL	+/-		Display your current R/G/B/A/UV/W value
		Function 3	MANUAL	R/G/B/A/P/W	+/-	Choose your desire R/G/B/A/UV/W value
		Function 4	MANUAL	STROBE	+/-	Strobe speed

# SHOWPRO



# LED UP Quad-4

		Function 5	MANUAL	%	+/-	
11	R/G/B/A/U V/W	Function 1	R/G/B/A/U V/W	+/-		
		Function 2	R/G/B/A/U V/W	STROBE	+/-	
		R : red ; G : green ; B : blue ; A : amber ; UV : purple ; W : white ;				
12	Number:0-9	Function 1	Number:0-9			The color on IRC is match with the lighting color.
		Function 2	Number:0-9	STROBE		
		Function 3	Number:0-9	%	+/-	



# LED UP Quad-4

## 4.0 Technical Specifications

### OPTICS

<b>LED Specification</b>	4x10W RGBW
<b>LED quantity</b>	4
<b>Field Angle</b>	30°
<b>Beam Angle</b>	15°
<b>Output</b>	10W

### Control

<b>Control method</b>	DMX
<b>WDMX Compatibility</b>	N/A
<b>DMX Channels</b>	4,6 and 10
<b>Dimming Curves</b>	4 Modes
<b>Dimming Resolution</b>	16 bit
<b>Data Connections</b>	3 Pin XLR

### Electrical

<b>Battery Specifications</b>	14.8V, Lithium
<b>Working Hours</b>	12 hours (color change mode), 8 hours (permanent white full-on)
<b>Charging hours</b>	5 Hours
<b>Input Voltage AC</b>	100V-240V AC 50/60 Hz auto-ranging
<b>Power Consumption</b>	N/A
<b>Fuse</b>	T2A/250V

### Physical

<b>Weight</b>	3.4Kg
---------------	-------



## LED UP Quad-4

---

Size	137x191x145 mm
Cooling System	N/A
IP Rating	N/A