

Wash & Beam

Item ref: 151.598UK

24 x 3W LED Wall Bar

User Manual

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

Effects bar with 12 high output RGB wash and 12 amber beam LEDs that provide amazing colour washes and patterns against walls, ceilings or even floors. The alternating RGB and amber LEDs can be controlled by auto or sound activated modes from preset internal colour sequences. Alternatively, the bar can be operated remotely by DMX in either 4, 6, 11, 48 and 54 channel modes and connected to more units if a larger effect is required. Supplied with professional twist and lock power connections and tilt-adjustable brackets for mounting to walls or ceilings.



In the box:

Your Wash & Beam should arrive with you in a single carton in good condition. The carton should contain 1 x main unit, 2 fixing stand/brackets with thumbscrews, 1 x twist and lock UK mains lead and 1 x user guide.

Warning:

To prevent risk of fire or electric shock, do not expose the unit to rain or damp environments. In the event of a spillage, disconnect the mains and allow the unit to dry out naturally. Qualified personnel should then check the unit before continuing use.



Please do not open cover, contains high voltage. This product is not serviceable or repairable by the end user. Please refer to qualified personnel for service and repair.



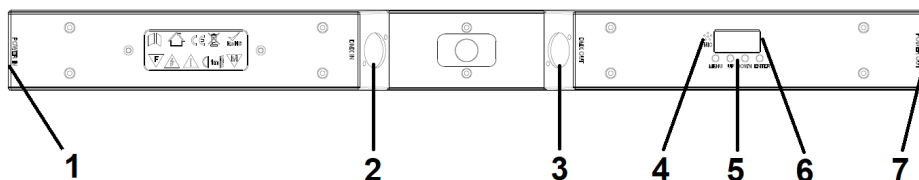
Placement:

- Use the included mounting brackets to fix to a stand or lighting truss.
- Use secondary safety fixings if mounting overhead.
- Keep away from damp or dusty environments.
- Ensure adequate airflow around the fixture housings.
- Ensure adequate access to controls and connections.
- Do not aim LED or laser output directly into line of sight, as this can result in eye injury.

Cleaning:

- Use a soft cloth with a neutral detergent to clean the casing as required.
- Do not use strong solvents for cleaning the unit.

Rear panel controls:



1. Power input (twist and lock)

2. DMX input

3. DMX output

4. Internal microphone

5. Control panel

6. Led display

7. Power output (twist and lock)

Manual control menu:

Press the **"MENU"** button to enter the settings menu.

Press **"UP"** and **"DOWN"** buttons to navigate through various setting functions.

Press **"ENTER"** button to confirm the desired setting.

Mode	Programming		Description
Auto mode	Auto	Sp 1-10	Auto Speed 1-10 (slow->fast) (speed)
		St 0-9	(slow->fast) Strobe)
DMX mode	Addr	4 CH	A001-A509
		6 CH	A001-A507
		10CH	A001-A503
		11CH	A001-A502
		48CH	A001-A465
Show	Shou	Sh 1-3	Program Show 1-3
			Effect1: Wash effect
			Effect2: Beam effect
			Effect3: Wash+Beam effect
		Sp 1-10	Program Speed 1-10 (slow->fast) (Speed)
		St 0-9	Program Flash 0-9 (slow->fast) (Strobe)

Sound Mode	Soud	Sou1~3	Sen1-9	3 Sound modes, Adjustable sensitivity
Slave	SLAV	Slave		Slave (Slave, Automatic identification of Master)
Edit color	Colo	r000-255		Red (0-100%)
		g000-255		Green (0-100%)
		b000-255		Blue (0-100%)
		U000-255		Amber beam (0-100%)
		St0-9		LED Strobe (slow->fast) (Strobe)
Static colors	StAt	CL01-CL37		static color (37 static colors select)
		St0-9		LED Strobe (slow->fast) (Strobe)
Product Set	Set	dis	10s	Set the backlight time of the display board to 10 seconds until it remains on, with a factory default of 10 seconds
			20s	
			30s	
			60s	
			on	
		temP	50~65℃	Protection temperature setting, protection within the range of 50~65 °C, beyond which the output power begins to decrease
		dir	--->	Set the light direction to the right
			<---	Set the light direction to the left
		InFr	on	Remote control function setting on
			oFF	Remote control function setting off
		Send	yes	One click settings for sending, and the channel mode of all lighting fixtures is the current master's channel mode
			Send	
Information	Info	ver	VVxx	Soft version
		temp	XX C	The current temperature of the light panel (in degrees Celsius). If there is a malfunction in the temperature detection circuit, the startup prompt - RT - will appear, and the menu will display error

DMX mode:

The Wash & Beam can be controlled by DMX signal, simply connect the DMX signal source to the DMX input on the unit via a balanced XLR lead. Extra fixtures can be controlled by the same DMX signal by looping through the DMX out on the unit. To enter DMX mode, select d001 from the menu and confirm the correct start address and channel selection by using the "UP" and "DOWN" buttons and "ENTER". The "d" on the LED display will begin to flash once it's received the DMX signal from the controller. This unit has 4, 6, 11, 48 or 54 DMX channels as indicated in the tables below:

4 Channel mode:

Channel	Value	Function and description
1	0 - 255	Red dimmer (0-100%)
2	0 - 255	Green dimmer (0-100%)
3	0 - 255	Blue dimmer (0-100%)
4	0 - 255	Amber beam dimmer (0-100%)

6 Channel mode:

Channel	Value	Function and description
1	0 - 255	Master dimmer (0-100%)
2	0 - 9	No function
	10 - 255	Strobe (slow to fast)
3	0 - 255	Red dimmer (0-100%)
4	0 - 255	Green dimmer (0-100%)
5	0 - 255	Blue dimmer (0-100%)
6	0 - 255	Amber beam dimmer (0-100%)

11 Channel mode:

Channel	Value	Function and description
1	0 - 255	Master dimmer (0-100%)
2	0 - 255	Red dimmer (0-100%)
3	0 - 255	Green dimmer (0-100%)
4	0 - 255	Blue dimmer (0-100%)
5	0 - 255	Amber beam dimmer (0-100%)
	0 - 9	No function
6 (strobe)	10 - 255	Strobe (slow to fast)
	0 - 3	Channels 2~4 control colour
	4 - 7	RGB Effect 1 (channels 2~4 control colour)
	8 - 11	RGB Effect 1 (channels 2~4 control colour)
	124 - 127	RGB Effect 31 (channels 2~4 control colour)
	128 - 131	RGB Effect 32 (built-in effect colors)
	132 - 135	RGB Effect 33 (built-in effect colors)
	196 - 199	RGB Effect 49 (built-in effect colors)
	200 - 203	RGB Auto Effect (cycle 1-49)
	204 - 207	Sound to Light Mode 1 (channel 10 failure)
	208 - 211	Sound to Light Mode 2 (channel 10 failure)
	212 - 255	Sound to Light Mode 3 (channel 10 failure)
	8	0 - 255
9	0 - 255	RGB effect background colour select (see separate table below for details)
10 (A beam)	0 - 006	Channel 5 overall brightness
	7 - 13	Built in effect 1
	14 - 20	Built in effect 2
	231 - 237	Built in effect 33
	238 - 255	Auto cycle (built in effects 1-33)
11	0 - 255	Amber beam program speed (slow to fast)

48 Channel mode:

Channel	Value	Function and description
1	0 - 255	Red 1 dimmer (0-100%)
2	0 - 255	Green 1 dimmer (0-100%)
3	0 - 255	Blue 1 dimmer (0-100%)
4	0 - 255	Red 2 dimmer (0-100%)
5	0 - 255	Green 2 dimmer (0-100%)
6	0 - 255	Blue 2 dimmer (0-100%)
34	0 - 255	Red 12 dimmer (0-100%)

35	0 - 255	Green 12 dimmer (0-100%)
36	0 - 255	Blue 12 dimmer (0-100%)
37	0 - 255	Amber beam 1 dimmer (0-100%)
	"" _ ""	"" "" "" ""
48	0 - 255	Amber beam 12 dimmer (0-100%)

54 Channel mode:

Channel	Value	Function and description
1	0 - 255	Red 1 dimmer (0-100%)
2	0 - 255	Green 1 dimmer (0-100%)
3	0 - 255	Blue 1 dimmer (0-100%)
4	0 - 255	Red 2 dimmer (0-100%)
5	0 - 255	Green 2 dimmer (0-100%)
6	0 - 255	Blue 2 dimmer (0-100%)
	"" _ ""	"" "" "" ""
34	0 - 255	Red 12 dimmer (0-100%)
35	0 - 255	Green 12 dimmer (0-100%)
36	0 - 255	Blue 12 dimmer (0-100%)
37	0 - 255	Amber beam 1 dimmer (0-100%)
	"" _ ""	"" "" "" ""
48	0 - 255	Amber beam 12 dimmer (0-100%)
49 (strobe)	0 - 009	No function
	010 - 255	Strobe (slow to fast)
50 (RGB)	0 - 3	Channels 2~4 control colour
	4 - 7	RGB Effect 1 (channels 2~4 control colour)
	8 - 11	RGB Effect 1 (channels 2~4 control colour)
	"" _ ""	"" "" "" "" "" "" "" ""
	124 - 127	RGB Effect 31 (channels 2~4 control colour)
	128 - 131	RGB Effect 32 (built-in effect colors)
	132 - 135	RGB Effect 33 (built-in effect colors)
	"" _ ""	"" "" "" "" "" "" "" ""
	196 - 199	RGB Effect 49 (built-in effect colors)
	200 - 203	RGB Auto Effect (cycle 1-49)
	204 - 207	Sound to Light Mode 1 (channel 10 failure)
	208 - 211	Sound to Light Mode 2 (channel 10 failure)
	212 - 255	Sound to Light Mode 3 (channel 10 failure)
51	0 - 255	RGB program speed (slow to fast)
52	0 - 255	RGB effect background colour select (see separate table below for details)
53 (A beam)	0 - 006	Channel 5 overall brightness
	7 - 13	Built in effect 1
	14 - 20	Built in effect 2
	"" _ ""	"" "" "" ""
	231 - 237	Built in effect 33
	238 - 255	Auto cycle (built in effects 1-33)
54	0 - 255	Amber beam program speed (slow to fast)

RGB background colour list:

Value	Colour	Value	Colour
0-6	R:000 G:000 B:000	126-132	R:153 G:153 B:000
7-13	R: 51 G:000 B:000	133-139	R:204 G:204 B:000
14-20	R:102 G:000 B:000	140-146	R:255 G:255 B:000
21-27	R:153 G:000 B:000	147-153	R: 51 G:000 B: 51

28-34	R:204 G:000 B:000	154-160	R:102 G:000 B:102
35-43	R:255 G:000 B:000	161-167	R:153 G:000 B:153
42-48	R:000 G: 51 B:000	168-174	R:204 G:000 B:204
49-55	R:000 G:102 B:000	175-181	R255 G:000 B:255
56-62	R:000 G:153 B:000	182-188	R:000 G: 51 B: 51
63-69	R:000 G:204 B:000	189-195	R:000 G:102 B:102
70-76	R:000 G:255 B:000	196-202	R:000 G:153 B:153
77-83	R:000 G:000 B: 51	203-209	R:000 G:204 B:204
84-90	R:000 G:000 B:102	210-216	R:000 G:255 B:255
91-97	R:000 G:000 B:153	217-223	R: 51 G: 51 B: 51
98-104	R:000 G:000 B:204	224-230	R:102 G:102 B:102
105-111	R:000 G:000 B:255	231-237	R:153 G:153 B:153
112-118	R: 51 G: 51 B:000	238-244	R:204 G:204 B:204
119-125	R:102 G:102 B:000	245-255	R:255 G:255 B:255

Specifications:

Power supply	110-240Vac, 50/60Hz
Power consumption	80W
LED type	12x 3W RGB 3-in-1, 12x 3W CW CREE
Beam angle	Beam 3°, Wash 35°
Modes	Auto, DMX512, Sound, Master/Slave
DMX channels	4, 6, 11, 48 or 54CH
Connections	Power in/out (twist and lock), DMX in/out (3pin XLR)
Dimensions	1000 x 65 x 55mm
Weight	2.4kg

Troubleshooting:

No power (mains)	Check mains voltage is correct and outlet is switched on
	Check twist and lock power lead is connected properly
No light output	Check control panel mode settings
	Check DMX settings from controller (dimmer levels, blackout etc.)
Unresponsive to DMX	Check that unit is in DMX mode and ensure the A on the DMX address flashes to confirm it's receiving a DMX signal
	Check DMX controller is not set to blackout
	Check DMX controller is on correct fixture/page
	Check master dimmer value
	Check correct DMX address is set
Overheating/Cutting out	Check DMX connection and leads
Overheating/Cutting out	Ensure adequate ventilation and unit is not too close to a heat source



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.

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