ULS Manufacturing
‘ULSHIM’
14 x 15 watt RGBWA+UV
Pixel Map

IP65 RATED

Safety intructions - Please read this manual carefully before your intial startup

	CAUTION! TAKE CARE USING THIS DEVICE RISK OF ELECTRIC SHOCK

Each person involved with the fitting, maintenance and operation of this device should be competent and follow these instructions.

Before Initial start-up check the mains cable and device for any damage.

Should the fuse in the plug need replacing ensure a 3amp fuse with a British kite mark is used.

ULS manufacturing will not accept liability for any damages caused by the non-observance of this manual, or any modification to this device.

Never remove warning or information labels.
Do not open this device or modify the equipment
Do not connect this device to a dimmer pack.
Do not switch this device on and off at short intervals.
Make sure the voltage is between 90 and 240v ac
Make sure the power cable is never crushed or forced, check the cable periodically.
If the equipment has been exposed to drastic temperature change (normally after transportation), allow device to reach room temperature before powering on.
Do not touch this device during a thunderstorm.
If any of the following conditions occur, remove the ac plug:
Smoke or unusual smell.
Water or foreign objects inside the unit.
Damage to the housing caused by physical damage.

Never pull the power cord, always grasp the main body of the plug top.

Thank you for purchasing our premium Led Batten.

Rugged Design and build for out on the road use with a feature set to rival existing products on the market.

Key features

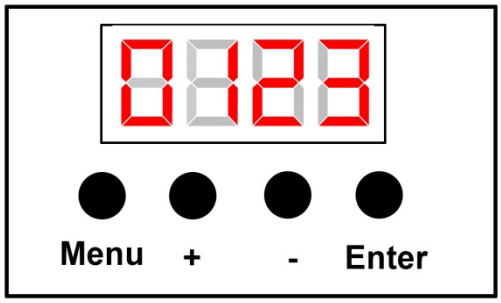
Simple 2 channel Dmx control mode or advanced 6, 8, 11, 17, 47, 84 and 86 Dmx channel modes

Pixel mapping ability with Dmx control of each 6 colours per led.

On board standalone control of patterns, chases and fixed colours. With advance control of speed and fade times.

Units can be linked together with the integral power and data cables.

Menu Keys



2 channel Dmx mode - 2ch		
Dmx 1	Colour macro	
Dmx 2	Speed	slow - fast

6 channel Dmx mode - 6 ch		
Dmx 1	Red	0 - 100%
Dmx 2	Green	0 - 100%
Dmx 3	Blue	0 - 100%
Dmx 4	White	0 - 100%
Dmx 5	Amber	0 - 100%
Dmx 6	UV	0 - 100%

8 channel Dmx mode - 8 ch		
Dmx 1	Master dimmer	
Dmx 2	Strobe	Open- slow- fast
Dmx 3	Red	0 - 100%
Dmx 4	Green	0 - 100%
Dmx 5	Blue	0 - 100%
Dmx 6	White	0 - 100%
Dmx 7	Amber	0 - 100%
Dmx 8	UV	0 - 100%

11 Channel Dmx Mode			Strobe	Speed	background colour control from channel 5	control of each colour available from channel 6 - 11
dmx 1	Master dimmer					
dmx 2	Strobe	open - fast				
dmx 3	0-005	no function				
	006-015	user defined chase effect 1	✓	✓	✓	✓
	016-025	user defined chase effect 2	✓	✓	✓	✓
	026-035	user defined chase effect 3	✓	✓	✓	✓
	036-045	user defined chase effect 4	✓	✓	✓	✓
	046-055	user defined chase effect 5	✓	✓	✓	✓
	056-065	user defined chase effect 6	✓	✓	✓	✓
	066-075	user defined chase effect 7	✓	✓	✓	✓
	076-085	user defined chase effect 8	✓	✓	✓	✓
	086-095	user defined chase effect 9	✓	✓	✓	✓
	096-105	user defined chase effect 10	✓	✓	✓	✓
	106-115	user defined chase effect 11	✓	✓	✓	✓
	116-125	user defined chase effect 12	✓	✓	✓	✓
	126-135	user defined chase effect 13	✓	✓	✓	✓
	136--145	simple chase effect 1	✓	✓	×	×
	146-155	simple chase effect 2	✓	✓	×	×
	156-165	simple chase effect 3	✓	✓	×	×
	166-175	simple chase effect 4	✓	✓	×	×
	176-185	simple chase effect 5	✓	✓	×	×
	186-195	simple chase effect 6	✓	✓	×	×
	196-205	simple chase effect 7	✓	✓	×	×
	206-215	simple chase effect 8	✓	✓	×	×
	216-225	cycle thru simple chase effects	✓	✓	×	×
	226-235	yellow - all leds fade in and out				
	236-245	cycle thru all colours - all leds fade in and out				
	246-255	Sound control - internal microphone				
dmx 4	0 -255	slow - fast chase speed				
dmx 5	0 -255	background colours for some chases				
dmx 6	0 -255	Red				
dmx 7	0 -255	Green				
dmx 8	0 -255	Blue				
dmx 9	0 -255	White				
dmx 10	0 -255	Amber				
dmx 11	0 -255	UV				

17 CHANNEL DMX MODE 17CH			Strobe	Speed	background colour control from channel 5	control of each colour available from channel 6 - 11
dmx 1	Master dimmer					
dmx 2	Strobe	open - fast				
dmx 3	0-005	no function				
	006-015	user defined chase effect 1	✓	✓	✓	✓
	016-025	user defined chase effect 2	✓	✓	✓	✓
	026-035	user defined chase effect 3	✓	✓	✓	✓
	036-045	user defined chase effect 4	✓	✓	✓	✓
	046-055	user defined chase effect 5	✓	✓	✓	✓
	056-065	user definedchase effect 6	✓	✓	✓	✓
	066-075	user defined chase effect 7	✓	✓	✓	✓
	076-085	user defined chase effect 8	✓	✓	✓	✓
	086-095	user defined chase effect 9	✓	✓	✓	✓
	096-105	user defined chase effect 10	✓	✓	✓	✓
	106-115	user defined chase effect 11	✓	✓	✓	✓
	116-125	user defined chase effect 12	✓	✓	✓	✓
	126-135	user defined chase effect 13	✓	✓	✓	✓
	136--145	simple chase effect 1	✓	✓	×	×
	146-155	simple chase effect 2	✓	✓	×	×
	156-165	simple chase effect 3	✓	✓	×	×
	166-175	simple chase effect 4	✓	✓	×	×
	176-185	simple chase effect 5	✓	✓	×	×
	186-195	simple chase effect 6	✓	✓	×	×
	196-205	simple chase effect 7	✓	✓	×	×
	206-215	simple chase effect 8	✓	✓	×	×
	216-225	cycle thru simple chase effects	✓	✓	×	×
	226-235	yellow - all leds fade in and out				
	236-245	cycle thru all colours - all leds fade in and out				
	246-255	Sound control - internal microphone				
dmx 4	0 -255	slow - fast chase speed				
dmx 5	0 -255	background colours for some chases				
dmx 6	0 -255	Red 7 leds left side				
dmx 7	0 -255	Green 7 leds left side				
dmx 8	0 -255	Blue 7 leds left side				
dmx 9	0 -255	White 7 leds left side				
dmx 10	0 -255	Amber 7 leds left side				
dmx 11	0 -255	UV 7 leds left side				
dmx 12	0 -255	Red 7 leds Right side				
dmx 13	0 -255	Green 7 leds Right side				
dmx 14	0 -255	Blue 7 leds Right side				
dmx 15	0 -255	White 7 leds Right side				
dmx 16	0 -255	Amber 7 leds Right side				
dmx 17	0 -255	UV 7 leds Right side				

47 CHANNEL DMX MODE 47CH			Strobe	Speed	background colour control from channel 5	control of each colour available from channel 6 - 11
dmx 1	Master dimmer					
dmx 2	Strobe	open - fast				
dmx 3	0-005	no function				
	006-015	user defined chase effect 1	✓	✓	✓	✓
	016-025	user defined chase effect 2	✓	✓	✓	✓
	026-035	user defined chase effect 3	✓	✓	✓	✓
	036-045	user defined chase effect 4	✓	✓	✓	✓
	046-055	user defined chase effect 5	✓	✓	✓	✓
	056-065	user definedchase effect 6	✓	✓	✓	✓
	066-075	user defined chase effect 7	✓	✓	✓	✓
	076-085	user defined chase effect 8	✓	✓	✓	✓
	086-095	user defined chase effect 9	✓	✓	✓	✓
	096-105	user defined chase effect 10	✓	✓	✓	✓
	106-115	user defined chase effect 11	✓	✓	✓	✓
	116-125	user defined chase effect 12	✓	✓	✓	✓
	126-135	user defined chase effect 13	✓	✓	✓	✓
	136--145	simple chase effect 1	✓	✓	×	×
	146-155	simple chase effect 2	✓	✓	×	×
	156-165	simple chase effect 3	✓	✓	×	×
	166-175	simple chase effect 4	✓	✓	×	×
	176-185	simple chase effect 5	✓	✓	×	×
	186-195	simple chase effect 6	✓	✓	×	×
	196-205	simple chase effect 7	✓	✓	×	×
	206-215	simple chase effect 8	✓	✓	×	×
	216-225	cycle thru simple chase effects	✓	✓	×	×
	226-235	yellow - all leds fade in and out				
	236-245	cycle thru all colours - all leds fade in and out				
	246-255	Sound control - internal microphone				
dmx 4	0 -255	slow - fast chase speed				
dmx 5	0 -255	background colours for some chases				
dmx 6	0 -255	Red 2 leds 1,2				
dmx 7	0 -255	Green 2 leds 1,2				
dmx 8	0 -255	Blue 2 leds 1,2				
dmx 9	0 -255	White 2 leds 1,2				
dmx 10	0 -255	Amber 2 leds 1,2				
dmx 11	0 -255	UV 2 leds 1,2				
dmx 12	0 -255	Red 2 leds 3,4				
dmx 13	0 -255	Green 2 leds 3,4				
dmx 14	0 -255	Blue 2 leds 3,4				
dmx 15	0 -255	White 2 leds 3,4				
dmx 16	0 -255	Amber 2 leds 3,4				

47 channel mode continued						
dmx 17	0 -255	UV 2 leds 3,4				
dmx 18	0 -255	Red 2 leds 3,4				
dmx 19	0 -255	Green 2 leds 3,4				
dmx 20	0 -255	Blue 2 leds 3,4				
dmx 21	0 -255	White 2 leds 3,4				
dmx 22	0 -255	Amber 2 leds 3,4				
dmx 23	0 -255	UV 2 leds 3,4				
dmx 24	0 -255	Red 2 leds 3,4				
dmx 25	0 -255	Green 2 leds 3,4				
dmx 26	0 -255	Blue 2 leds 3,4				
dmx 27	0 -255	White 2 leds 3,4				
dmx 28	0 -255	Amber 2 leds 3,4				
dmx 29	0 -255	UV 2 leds 3,4				
dmx 30	0 -255	Red 2 leds 3,4				
dmx 31	0 -255	Green 2 leds 3,4				
dmx 32	0 -255	Blue 2 leds 3,4				
dmx 33	0 -255	White 2 leds 3,4				
dmx 34	0 -255	Amber 2 leds 3,4				
dmx 35	0 -255	UV 2 leds 3,4				
dmx 36	0 -255	Red 2 leds 3,4				
dmx 37	0 -255	Green 2 leds 3,4				
dmx 38	0 -255	Blue 2 leds 3,4				
dmx 39	0 -255	White 2 leds 3,4				
dmx 40	0 -255	Amber 2 leds 3,4				
dmx 41	0 -255	UV 2 leds 3,4				
dmx 42	0 -255	Red 2 leds 3,4				
dmx 43	0 -255	Green 2 leds 3,4				
dmx 44	0 -255	Blue 2 leds 3,4				
dmx 45	0 -255	White 2 leds 3,4				
dmx 46	0 -255	Amber 2 leds 3,4				
dmx 47	0 -255	UV 2 leds 3,4				

84 channel dmx mode 84 CH		
dmx 1	red led 1	0 - 100%
dmx 2	Green led 1	0 - 100%
dmx 3	Blue led 1	0 - 100%
dmx 4	White led 1	0 - 100%
dmx 5	Amber led 1	0 - 100%
dmx 6	UV led 1	0 - 100%
dmx 7	red led 2	0 - 100%
dmx 8	Green led 2	0 - 100%
dmx 9	Blue led 2	0 - 100%
dmx 10	White led 2	0 - 100%
dmx 11	Amber led 2	0 - 100%
dmx 12	UV led 2	0 - 100%
dmx 83	Amber - led 14	0 - 100%
dmx 84	Uv - 14	0 - 100%

86 channel dmx mode 86 ch		
dmx 1	Master Dimmer	
dmx 2	Strobe	
dmx 3	Red led 1	0 - 100%
dmx 4	Green led 1	0 - 100%
dmx 5	Blue led 1	0 - 100%
dmx 6	White led 1	0 - 100%
dmx 7	Amber led 1	0 - 100%
dmx 8	UV led 1	0 - 100%
dmx 9	Red led 2	0 - 100%
dmx 10	Green led 2	0 - 100%
dmx 11	Blue led 2	0 - 100%
dmx 12	White led 2	0 - 100%
dmx 13	Amber led 2	0 - 100%
Dmx 14	UV led 2	0 - 100%
Dmx 85	Amber - led 14	0 - 100%
Dmx 86	Uv - 14	0 - 100%

ULS Manufacturing is a trading name of Ultra Light & Sound Limited.

UK based with readily available spares and new units in the UK.

This Dmx shutter was designed and manufactured in the UK by ULS Manufacturing.
Our engineers have a detailed knowledge and are able to provide technical support both over the telephone, email and at our UK Headquarters.

Our ethos is to be able to maintain service and extend product life and minimise the “beyond economic repair” approach, helping reduce waste and saving time, money and the environment.

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WEE Declaration

	This symbol indicates that this piece of electrical equipment must be disposed of separately from normal waste at the end of its operational life. Please dispose of this produced by contacting ULS manufacturing or taking it to your local recycling or collection centre.