



## LM19X20BER

19 x 20W RGBW Zoom Wash Head w/  
Pixel Control & Ring Light

## USER MANUAL



**For safety, please read this user manual carefully before initial use.**

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Version: 1.0

# Safety Instructions

## Warning

- Do not open this device, there are no user-serviceable parts inside. Risk of electric shock.
- Do not look at the light source from close range when the device is on.

## Caution: This unit's housing may be hot during and after operation.

- Install this device in a location with adequate ventilation, at least 50 cm from adjacent surfaces.
- Do not leave any flammable material within 50 cm of this unit while operating or connected to power.
- Use a safety chain when mounting this device overhead.
- Do not operate this device outdoors or in any location where dust, excessive heat, water, or humidity may affect it.
- Do not operate this device if the housing, lenses, or cables appear damaged.
- Do not connect this device to a dimmer or rheostat.
- ONLY connect this device to a grounded and protected circuit.
- ONLY use the hanging bracket to carry this device.
- In case of a serious operating problem, stop using immediately.
- The maximum ambient temperature is 45° C. Do not operate this device at higher temperatures.

## Power Input and Power Linking

This device has an auto-switching power supply that works with input voltage range of 100~240 VAC, 50/60 Hz.

Link up to a maximum of 10A. The maximum number of units that can be linked is 6, Do NOT exceed this.

## Fuse Replacement

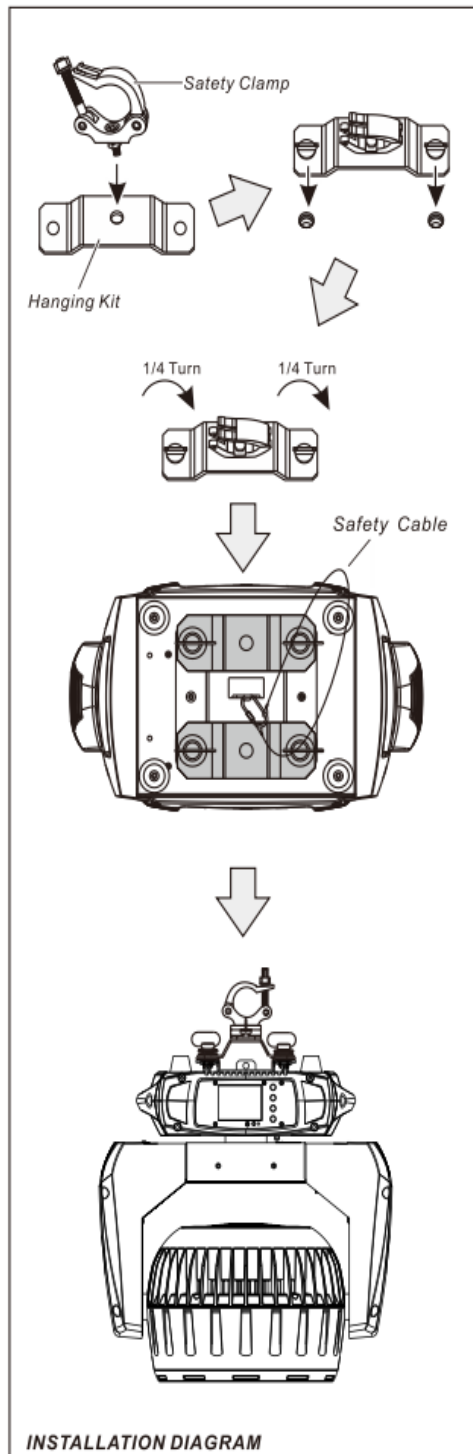
If the fine-wire fuse of the device fuses, replace the fuse with one of the same rating. Before replacing the fuse, unplug the device from the power source.

### Fuse Replacement Steps

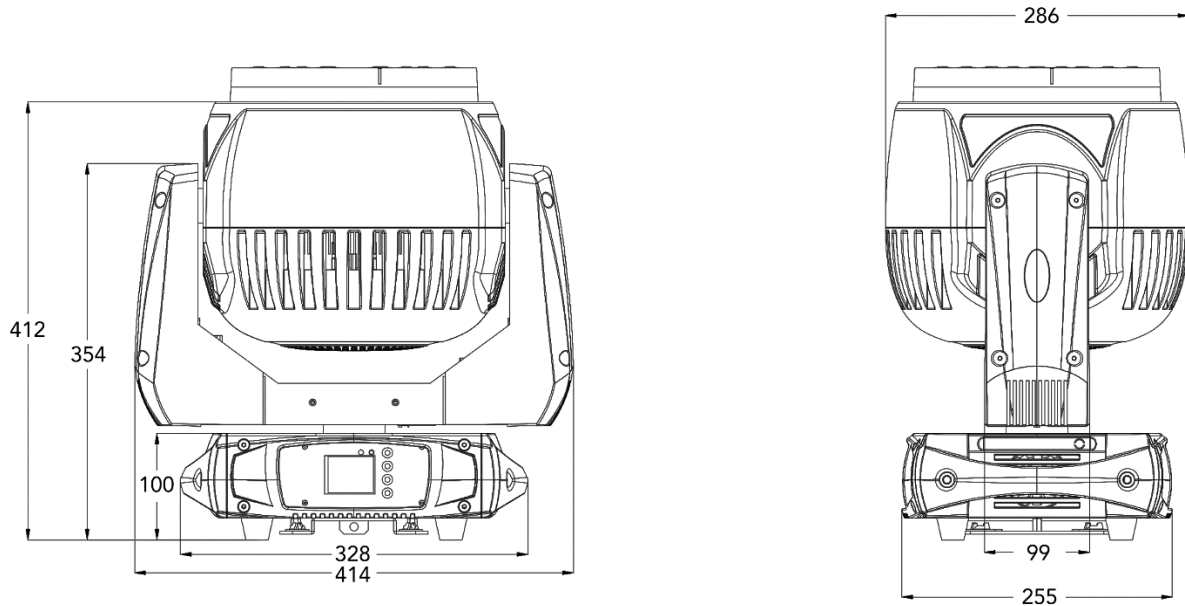
1. Unscrew the fuse holder located on the rear panel from the housing.
2. Remove the old fuse from the holder.
3. Install the new fuse into the holder.
4. Place the fuse holder back into the housing and secure tightly.

## Product Installation

- This device can be mounted in many orientations provided each individual device is secured by the use of correct mounting bracket.
- Use a safety chain when mounting this device overhead.



## Dimensions



## Lux Chart

Lux	@60°		
	1.0m	3.0m	5.0m
	Ø1.15	Ø3.46	Ø5.77
<b>R</b>	3,629	448	198
<b>G</b>	3,980	500	218
<b>B</b>	5,900	770	293
<b>W</b>	4,800	640	250
<b>Full</b>	17,000	2,100	800

Lux	@6°		
	1.0m	3.0m	5.0m
	Ø0.1	Ø0.31	Ø0.52
<b>R</b>	21,000	13,000	4,600
<b>G</b>	27,000	13,000	5,200
<b>B</b>	40,000	20,000	7,900
<b>W</b>	31,000	18,000	6,500
<b>Full</b>	110,000	62,000	23,000

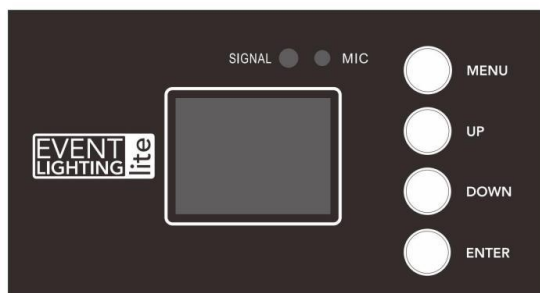
## Menu Operation

**Menu** – Move up a level.

**Up** – Move selection up one item.

**Down** – Move selection down one item.

**Enter** – Select / Move down a level.



## Menu

Level 1	Level 2	Value	Description
<b>Function Mode</b>	Dmx Address	A001-A512	Set DMX Address.
	Channel Mode	Ch26	26 Channel Mode.
		CH38	38 Channel Mode.
		CH102	102 Channel Mode.
		CH114	114 Channel Mode.
	Auto Run	Internal Program 1-8   Master/Alone	Select Auto Run Program
Music Control	Internal Program 1-8   Master/Alone	Select Sound Active Program.	
<b>SET Options</b>	Reset Default	Yes/No	Reset To Factory Defaults.
	Signal Set	DMX	Use Wired DMX.
		Wireless DMX	Use Wireless DMX.
		Wireless TX	Use Wireless Transceiver
		Auto DMX	Uses Wireless First
	Pan/Tilt	Reverse Pan (On/Off)	Reverse Pan Movement.
		Reverse Tilt	Reverse Tilt Movement.
		Select Pan 360°/540°//630°	Pan Movement Range, Default 540°
		Select Tilt 90°/180°/270°	Tilt Movement Range, Default 270°
	Ui Set	Mic Sen 0-99%	Microphone Sensitivity
		Hold On Lost DMX (On/Off)	Behaviour When DMX Signal Lost.
		Scan Quick Mode (On/Off)	Scan Motor Quick Mode
		Theatre Mode (On/Off)	Fan Silent Mode
		Limit Mode (Off / Centre / Right / Left)	Select Edge and Corner Ranges
		Flip Display (On/Off)	Flip Display, Default OFF
<b>Manual Control</b>	Reset	Total Reset	Reset All.
		Pan/Tilt Reset	Reset Pan/Tilt
		Zoom Reset	Reset Zoom.
	Channel	PAN = XXX	Control Each Channel Manually.
<b>Advanced</b>	Calibration	PAN = XXX	Calibration (Access Code: 088)

## DMX

This fixture is controlled by the universal DMX 512 protocol. The DMX address is the first channel used to receive instructions from the external controller. For independent control, each fixture must be assigned a unique address for each of its control channels. For example, this device has four channel modes: 26,38,102,114, if it's set to 26 channel mode, and there are several fixtures need to be independently controlled, we just simply address first fixture at 1, and second fixture at 27, third one at 53, etc.

- If multiple fixtures have the same DMX address, they will behave synchronically.
- Display will flash when no DMX signal is received.

## DMX Chart

Mode/Channel				Value	Function
114	102	38	26		
1	1	1	1		<b>Pan</b>
				0..255	Pan movement
2	2	2	2		<b>Pan-fine</b>
				0..255	Fine control of Pan movement
3	3	3	3		<b>Tilt</b>
				0..255	Tilt movement
4	4	4	4		<b>Tilt-fine</b>
				0..255	Fine control of Tilt movement
5	5	5	5		<b>Speed pan/tilt</b>
				0..225	Pan/tilt speed, fast to slow
				226..235	Blackout during pan/tilt functions
				236..255	None
6	6	6	6		<b>Dimmer</b>
				0..255	Dimmer 0%...100%
7	7	7	7		<b>Shutter</b>
				0..31	Shutter closed
				32..63	Shutter open
				64..95	Strobe effect - slow to fast
				96..127	Shutter open
				128..159	Pulse-effect - slow to fast
				160..191	Shutter open
				192..223	Random strobe effect - slow to fast
				224..255	Shutter open
8	8	8	8		<b>Red</b>
				0..255	Red 0..100%
9	9	9	9		<b>Green</b>
				0..255	Green 0..100%

10	10	10	10		<b>Blue</b>
				0..255	Blue 0..100%
11	11	11	11		<b>White</b>
				0..255	White 0..100%
12	12	12	12		<b>Zoom</b>
				0..255	In (near) to Out (far)
13	13	13	13		<b>Zoom rotation</b>
				0..15	Zoom rotation stop
				16..63	Shake slow to fast (width by Zoom Angle)
				64..156	Forwards rotation, fast to slow
				157..162	Zoom rotation stop
				163..255	Backwards rotation, slow to fast
14	14	14	14		<b>Zoom angle</b>
				0..255	Zoom angle (0°~60°)
15	15	15	15		<b>Virtual colour</b>
				0..0	None
				1..13	Red
				14..27	Green
				28..41	Blue
				42..55	White
				56..69	Red+white
				70..83	Green+white
				84..97	Blue+white
				98..111	Green+blue
				112..125	Red+blue
				126..139	Red+green
				140..153	Green+blue+white
				154..167	Red+blue+white
				168..181	Red+green+white
				182..195	Red+blue+green+white
				196..202	2700k
				203..209	3200k
				210..216	3500k
				217..223	5000k
224..230	5500k				
231..237	6000k				
238..244	6500k				
245..251	7000k				
252..255	8000k				
16	16	16	16		<b>Colour temp</b>
				0..15	None
				16..45	Below 3200K

				46..75	3200k - 3500k
				76..105	3500k - 5000k
				106..135	5000k - 5500k
				136..165	5500k - 6000k
				166..195	6000k - 6500k
				196..225	6500k - 7000k
				226..255	7000k - 8000k
					<b>Visual tungsten lamp</b>
17	17	17	17	0..15	None
				16..255	Tungsten lamp effect is gradually enhanced
					<b>Foreground colour for patterns</b>
					Choose Foreground colour for Dynamic/Static Scene, TBD for Multicolour Scene
				0..0	None
				1..13	Red
				14..27	Green
				28..41	Blue
				42..55	White
				56..69	Red+white
				70..83	Green+white
				84..97	Blue+white
				98..111	Green+blue
				112..125	Red+blue
				126..139	Red+green
				140..153	Green+blue+white
				154..167	Red+blue+white
				168..181	Red+green+white
				182..195	Red+blue+green+white
				196..202	2700k
				203..209	3200k
				210..216	3500k
				217..223	5000k
				224..230	5500k
				231..237	6000k
				238..244	6500k
				245..251	7000k
				252..255	8000k
					<b>Foreground dimmer</b>
19		19		000..255	Foreground dimmer 0 – 100%.
					<b>Background colour for patterns</b>
20		20			Choose Background colour for Dynamic/Static Scene, TBD for Multicolour Scene



			0..0	None
			1..13	Red
			14..27	Green
			28..41	Blue
			42..55	White
			56..69	Red+white
			70..83	Green+white
			84..97	Blue+white
			98..111	Green+blue
			112..125	Red+blue
			126..139	Red+green
			140..153	Green+blue+white
			154..167	Red+blue+white
			168..181	Red+green+white
			182..195	Red+blue+green+white
			196..202	2700k
			203..209	3200k
			210..216	3500k
			217..223	5000k
			224..230	5500k
			231..237	6000k
			238..244	6500k
			245..251	7000k
			252..255	8000k
21		21		<b>Background dimmer</b>
			000..255	Background dimmer 0 – 100%.
22		22		<b>Patterns</b>
			000..015	None
			016..031	Static patterns
			032..036	Dynamic scene 1
			037..041	Dynamic scene 2
			042..046	Dynamic scene 3
			047..051	Dynamic scene 4
			052..056	Dynamic scene 5
			057..061	Dynamic scene 6
			062..066	Dynamic scene 7
			067..071	Dynamic scene 8
			072..076	Dynamic scene 9
			077..081	Dynamic scene 10
			082..086	Dynamic scene 11
			087..091	Dynamic scene 12
			092..096	Dynamic scene 13

			097..101	Dynamic scene 14
			102..106	Dynamic scene 15
			107..111	Dynamic scene 16
			112..116	Dynamic scene 17
			117..121	Dynamic scene 18
			122..126	Dynamic scene 19
			127..131	Dynamic scene 20
			132..136	Dynamic scene 21
			137..141	Dynamic scene 22
			142..146	Dynamic scene 23
			147..151	Dynamic scene 24
			152..156	Dynamic scene 25
			157..161	Dynamic scene 26
			162..166	Dynamic scene 27
			167..171	Dynamic scene 28
			172..176	Dynamic scene 29
			177..181	Dynamic scene 30
			182..186	Dynamic scene 31
			187..191	Dynamic scene 32
			192..196	Multicolour dynamic scene 1
			197..201	Multicolour dynamic scene 2
			202..206	Multicolour dynamic scene 3
			207..211	Multicolour dynamic scene 4
			212..216	Multicolour dynamic scene 5
			217..221	Multicolour dynamic scene 6
			222..226	Multicolour dynamic scene 7
			227..231	Multicolour dynamic scene 8
			232..236	Multicolour dynamic scene 9
			237..241	Multicolour dynamic scene 10
			242..246	Multicolour dynamic scene 11
			247..251	Multicolour dynamic scene 12
			252..255	Multicolour dynamic scene 13
				<b>Static patterns or patterns speed</b>
				<b>Static Patterns</b>
				<b>(If Patterns channel is in the interval 016 – 031)</b>
			000..005	Static scene 1
			006..011	Static scene 2
			012..017	Static scene 3
			018..023	Static scene 4
			024..029	Static scene 5
			030..035	Static scene 6
			036..041	Static scene 7
23		23		

			042..047	Static scene 8
			048..053	Static scene 9
			054..059	Static scene 10
			060..065	Static scene 11
			066..071	Static scene 12
			072..075	Static scene 13
			078..083	Static scene 14
			084..089	Static scene 15
			090..095	Static scene 16
			096..101	Static scene 17
			102..107	Static scene 18
			108..113	Static scene 19
			114..119	Static scene 20
			120..125	Static scene 21
			126..131	Static scene 22
			132..137	Static scene 23
			138..143	Static scene 24
			144..149	Static scene 25
			150..155	Static scene 26
			156..161	Static scene 27
			162..167	Static scene 28
			168..173	Static scene 29
			174..179	Static scene 30
			180..185	Static scene 31
			186..191	Static scene 32
			192..197	Multicolour static scene 1
			198..203	Multicolour static scene 2
			204..209	Multicolour static scene 3
			210..215	Multicolour static scene 4
			216..221	Multicolour static scene 5
			222..227	Multicolour static scene 6
			228..233	Multicolour static scene 7
			234..239	Multicolour static scene 8
			240..245	Multicolour static scene 9
			246..251	Multicolour static scene 10
			252..255	Multicolour static scene 11
			<b>Dynamic Patterns</b>	
			(If Patterns channel is in the interval 032 – 255)	
			000..023	None
			024..137	Forward speed from zero speed to fast speed
			138..141	Stop movement
			142..255	Reverse speed from zero speed to fast speed

24	18	24	18		<b>Pix dimmer</b>
				0..255	Pix dimmer 0%...100%
25	19	25	19		<b>Pix strobe</b>
				0..255	Pix strobe speed 0%...100%
26	20	26	20		<b>Pix red</b>
				0..255	0-100% Pix Red dimmer
27	21	27	21		<b>Pix green</b>
				0..255	0-100% Pix Green dimmer
28	22	28	22		<b>Pix blue</b>
				0..255	0-100% Pix Blue dimmer
29	23	29	23		<b>Pix colour</b>
				0..0	None
				1..15	Red
				16..31	Green
				32..47	Blue
				48..63	Red+Blue
				64..79	Red+green
				80..95	Green+blue
				96..111	Red+blue+green
				112..127	2700k
				128..143	3200k
				144..159	3500k
				160..175	5000k
				176..191	5500k
				192..207	6000k
				208..223	6500k
224..239	7000k				
240..255	8000k				
30	24	30	24		<b>Pix macro</b>
				0..15	None
				16..29	Pix dynamic scene 1
				30..43	Pix dynamic scene 2
				44..57	Pix dynamic scene 3
				58..71	Pix dynamic scene 4
				72..85	Pix dynamic scene 5
				86..99	Pix dynamic scene 6
				100..113	Pix dynamic scene 7
				114..127	Pix dynamic scene 8
				128..143	Pix dynamic scene 9
				142..155	Pix dynamic scene 10
				156..169	Pix dynamic scene 11
170..183	Pix dynamic scene 12				

				184..197	Pix dynamic scene 13
				198..211	Pix dynamic scene 14
				212..225	Pix dynamic scene 15
				226..239	Pix dynamic scene 16
				240..255	Pix dynamic scene 17
31	25	31	25		<b>Pix macro speed</b>
				0..255	Slow to Fast
					<b>Expand patterns</b>
				0..15	None
				16..29	Pix dynamic scene 1
				30..43	Pix dynamic scene 2
				44..57	Pix dynamic scene 3
				58..71	Pix dynamic scene 4
				72..85	Pix dynamic scene 5
				86..99	Pix dynamic scene 6
				100..113	Pix dynamic scene 7
				114..127	Pix dynamic scene 8
				128..143	Pix dynamic scene 9
				142..155	Pix dynamic scene 10
				156..169	Pix dynamic scene 11
				170..183	Pix dynamic scene 12
				184..197	Pix dynamic scene 13
				198..211	Pix dynamic scene 14
				212..225	Pix dynamic scene 15
				226..239	Pix dynamic scene 16
				240..255	Pix dynamic scene 17
					<b>Pix foreground dimmer</b>
33		33		0..255	Pix Patterns Foreground dimmer 0 – 100%. (Foreground colour share with "Pix Macro" Channel)
					<b>Pix Background dimmer</b>
34		34		0..255	Pix patterns background dimmer 0-100%.
					<b>Pix background red</b>
35		35		0..255	Pix patterns background red 0-100%
					<b>Pix background green</b>
36		36		0..255	Pix patterns background green 0-100%
					<b>Pix background blue</b>
37		37		0..255	Pix patterns background blue 0 – 100%
					<b>Red in Pixel 1</b>
38	26			0..255	Red in pixel 1 saturation control (0-100%)
					<b>Green in Pixel 1</b>
39	27			0..255	Green in pixel 1 saturation control (0-100%)

40	28				<b>Blue in Pixel 1</b>
				0..255	Blue in pixel 1 saturation control (0-100%)
41	29				<b>White in pixel 1</b>
				0..255	White in pixel 1 saturation control (0-100%)
42	30				<b>Red in pixel 2</b>
				0..255	Red in pixel 2 saturation control (0-100%)
43	31				<b>Green in pixel 2</b>
				0..255	Green in pixel 2 saturation control (0-100%)
44	32				<b>Blue in pixel 2</b>
				0..255	Blue in pixel 2 saturation control (0-100%)
45	33				<b>White in pixel 2</b>
				0..255	White in pixel 2 saturation control (0-100%)
46	34				<b>Red in Pixel 3</b>
				0..255	Red in pixel 3 saturation control (0-100%)
47	35				<b>Green in pixel 3</b>
				0..255	Green in pixel 3 saturation control (0-100%)
48	36				<b>Blue in pixel 3</b>
				0..255	Blue in pixel 3 saturation control (0-100%)
49	37				<b>White in pixel 3</b>
				0..255	White in pixel 3 saturation control (0-100%)
50	38				<b>Red in Pixel 4</b>
				0..255	Red in pixel 4 saturation control (0-100%)
51	39				<b>Green in pixel 4</b>
				0..255	Green in pixel 4 saturation control (0-100%)
52	40				<b>Blue in pixel 4</b>
				0..255	Blue in pixel 4 saturation control (0-100%)
53	41				<b>White in pixel 4</b>
				0..255	White in pixel 4 saturation control (0-100%)
54	42				<b>Red in Pixel 5</b>
				0..255	White in pixel 5 saturation control (0-100%)
55	43				<b>Green in pixel 5</b>
				0..255	Green in pixel 5 saturation control (0-100%)
56	44				<b>Blue in pixel 5</b>
				0..255	Blue in pixel 5 saturation control (0-100%)
57	45				<b>White in pixel 5</b>
				0..255	White in pixel 5 saturation control (0-100%)
58	46				<b>Red in Pixel 6</b>
				0..255	White in pixel 6 saturation control (0-100%)
59	47				<b>Green in pixel 6</b>
				0..255	Green in pixel 6 saturation control (0-100%)
60	48				<b>Blue in pixel 6</b>
				0..255	Blue in pixel 6 saturation control (0-100%)

61	49				<b>White in pixel 6</b>
				0..255	White in pixel 6 saturation control (0-100%)
62	50				<b>Red in Pixel 7</b>
				0..255	White in pixel 7 saturation control (0-100%)
63	51				<b>Green in pixel 7</b>
				0..255	Green in pixel 7 saturation control (0-100%)
64	52				<b>Blue in pixel 7</b>
				0..255	Blue in pixel 7 saturation control (0-100%)
65	53				<b>White in pixel 7</b>
				0..255	White in pixel 7 saturation control (0-100%)
66	54				<b>Red in Pixel 8</b>
				0..255	Red in pixel 8 saturation control (0-100%)
67	55				<b>Green in Pixel 8</b>
				0..255	Green in pixel 8 saturation control (0-100%)
68	56				<b>Blue in Pixel 8</b>
				0..255	Blue in pixel 8 saturation control (0-100%)
69	57				<b>White in pixel 8</b>
				0..255	White in pixel 8 saturation control (0-100%)
70	58				<b>Red in pixel 9</b>
				0..255	Red in pixel 9 saturation control (0-100%)
71	59				<b>Green in pixel 9</b>
				0..255	Green in pixel 9 saturation control (0-100%)
72	60				<b>Blue in pixel 9</b>
				0..255	Blue in pixel 9 saturation control (0-100%)
73	61				<b>White in pixel 9</b>
				0..255	White in pixel 9 saturation control (0-100%)
74	62				<b>Red in Pixel 10</b>
				0..255	Red in pixel 10 saturation control (0-100%)
75	63				<b>Green in pixel 10</b>
				0..255	Green in pixel 10 saturation control (0-100%)
76	64				<b>Blue in pixel 10</b>
				0..255	Blue in pixel 10 saturation control (0-100%)
77	65				<b>White in pixel 10</b>
				0..255	White in pixel 10 saturation control (0-100%)
78	66				<b>Red in Pixel 11</b>
				0..255	Red in pixel 11 saturation control (0-100%)
79	67				<b>Green in Pixel 11</b>
				0..255	Green in pixel 11 saturation control (0-100%)
80	68				<b>Blue in Pixel 11</b>
				0..255	Blue in pixel 11 saturation control (0-100%)
81	69				<b>White in pixel 11</b>
				0..255	White in pixel 11 saturation control (0-100%)

82	70				<b>Red in pixel 12</b>
				0..255	Red in pixel 12 saturation control (0-100%)
83	71				<b>Green in pixel 12</b>
				0..255	Green in pixel 12 saturation control (0-100%)
84	72				<b>Blue in pixel 12</b>
				0..255	Blue in pixel 12 saturation control (0-100%)
85	73				<b>White in pixel 12</b>
				0..255	White in pixel 12 saturation control (0-100%)
86	74				<b>Red in Pixel 13</b>
				0..255	Red in pixel 13 saturation control (0-100%)
87	75				<b>Green in pixel 13</b>
				0..255	Green in pixel 13 saturation control (0-100%)
88	76				<b>Blue in pixel 13</b>
				0..255	Blue in pixel 13 saturation control (0-100%)
89	77				<b>White in pixel 13</b>
				0..255	White in pixel 13 saturation control (0-100%)
90	78				<b>Red in Pixel 14</b>
				0..255	Red in pixel 14 saturation control (0-100%)
91	79				<b>Green in pixel 14</b>
				0..255	Green in pixel 14 saturation control (0-100%)
92	80				<b>Blue in pixel 14</b>
				0..255	Blue in pixel 14 saturation control (0-100%)
93	81				<b>White in pixel 14</b>
				0..255	White in pixel 14 saturation control (0-100%)
94	82				<b>Red in Pixel 15</b>
				0..255	White in pixel 15 saturation control (0-100%)
95	83				<b>Green in pixel 15</b>
				0..255	Green in pixel 15 saturation control (0-100%)
96	84				<b>Blue in pixel 15</b>
				0..255	Blue in pixel 15 saturation control (0-100%)
97	85				<b>White in pixel 15</b>
				0..255	White in pixel 15 saturation control (0-100%)
98	86				<b>Red in Pixel 16</b>
				0..255	White in pixel 16 saturation control (0-100%)
99	87				<b>Green in pixel 16</b>
				0..255	Green in pixel 16 saturation control (0-100%)
100	88				<b>Blue in pixel 16</b>
				0..255	Blue in pixel 16 saturation control (0-100%)
101	89				<b>White in pixel 16</b>
				0..255	White in pixel 16 saturation control (0-100%)
102	90				<b>Red in Pixel 17</b>
				0..255	White in pixel 17 saturation control (0-100%)



103	91				<b>Green in pixel 17</b>
				0..255	Green in pixel 17 saturation control (0-100%)
104	92				<b>Blue in pixel 17</b>
				0..255	Blue in pixel 17 saturation control (0-100%)
105	93				<b>White in pixel 17</b>
				0..255	White in pixel 17 saturation control (0-100%)
106	94				<b>Red in Pixel 18</b>
				0..255	Red in pixel 18 saturation control (0-100%)
107	95				<b>Green in Pixel 18</b>
				0..255	Green in pixel 18 saturation control (0-100%)
108	96				<b>Blue in Pixel 18</b>
				0..255	Blue in pixel 18 saturation control (0-100%)
109	97				<b>White in pixel 18</b>
				0..255	White in pixel 18 saturation control (0-100%)
110	98				<b>Red in pixel 19</b>
				0..255	Red in pixel 19 saturation control (0-100%)
111	99				<b>Green in pixel 19</b>
				0..255	Green in pixel 19 saturation control (0-100%)
112	100				<b>Blue in pixel 19</b>
				0..255	Blue in pixel 19 saturation control (0-100%)
113	101				<b>White in pixel 19</b>
				0..255	White in pixel 19 saturation control (0-100%)
114	102	38	26		<b>Special function</b>
				0..79	None
				80..89	Reset all motor
				90..94	Reset scan motor
				95..99	Reset focus motor
				100..119	Internal program 1
				120..139	Internal program 2
				140..159	Internal program 3
				160..179	Internal program 4
				180..199	Internal program 5
				200..219	Internal program 6
				220..239	Internal program 7
240..255	Internal sound program 1				

## Technical Specifications

### Photometrics

- Light Source: 19 x 20W RGBW LEDs, 48 x 0.2W SMD RGB LED
- CTB and CTO 2700K – 8000K
- Beam Angle: 6°- 60°
- Output: 110,000 lux @ 1m @ 6°
- LED Lifespan: 50,000 hours

### Effects

- Dimming: 0~100%, 16-bit
- Strobe: 1~25 Hz
- Segment Control
- Ring Light

### Movement

- 8 / 16 – bit, Auto-reposition
- Pan: 360°/540°/630°
- Tilt: 90°/180°/270°
- Rotating Front Lens

### Power

- Input Voltage: 100~240V AC, 50/60 Hz
- Power Consumption: 360 W
- Connection: Powercon In/Out

### Control

- Protocol: DMX512
- Operation Modes: DMX, auto, manual, sound active, master/slave
- DMX Channels: 114/102/38/26
- Interface: 3-pin XLR in & out
- Display: 4-button 2.4-inch LCD control panel
- Cooling: Low noise variable speed fan

### Housing

- Materials: Metal & Flame retardant ABS
- Finishing: Matte black
- IP rating: IP20
- Net Weight: 15kg
- Gross Weight 17kg
- Rigging: 2x omega bracket with ¼ turn quick locks.

## Warranty

Please refer to your local dealer or please contact Event Lighting Pty Ltd.

[www.event-lighting.com.au](http://www.event-lighting.com.au)