EVENT LIGHTING lite

BAR224FXL

24x 4W RGBW Bar with Segment Control

USER MANUAL

For safety, please read this user manual carefully before initial use.
Event Lighting reserves the right to revise the manual at any time. Information and specifications within this manual are subject to change without notice. Event Lighting assumes no liability or responsibility for any errors or omissions. Please consult Event Lighting for any clarification or information regarding this item.

Safety Instructions

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

Caution: This unit's housing may become hot during and after operation.
- Install this fixture 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 fixture overhead.
- Do not operate this device in any location where excessive dust, heat, water or humidity may affect it.
- Do not operate this fixture if the housing, lenses, or cables appear damaged.
- Do not connect this fixture to a dimmer or rheostat.
- ONLY connect this fixture to a grounded and protected circuit.
- ONLY use the hanging bracket to carry this fixture.
- In case of a serious operating problem, stop using immediately.
- The maximum ambient temperature is 40° C. Do not operate this fixture at higher temperatures.
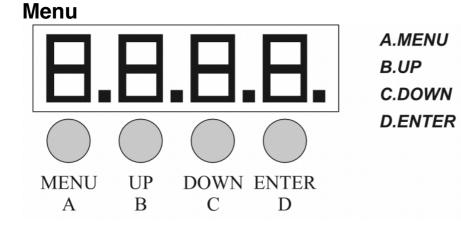
Power Input and Power Linking

This fixture has an auto switching power supply that works with an input voltage range of 110-240V AC, 50/60 Hz.

Link up to a maximum of 8A. Do NOT exceed this.

Product Installation
- This fixture can be mounted in many orientations provided each individual fixture is secured by a suitable mounting bracket.
- Use a safety chain when mounting this fixture overhead.

Menu

A.MENU
B.UP
C.DOWN
D.ENTER

| MENU | UP | DOWN | ENTER |
| A | B | C | D |

Table 1

Mode	Programming		Description	
Auto mode	Auto		Mode Auto-run mode	
DMX Mode	Addr	3CH	A001-A510	The selected channel mode will limit the available DMX addresses. The fixture will automatically enter DMX mode when a controller is connected.
		5CH	A001-A508	
		8CH	A001-A505	
		24CH	A001-A489	
		48CH	A001-A465	
		53CH	A001-A460	
Show	Shou	Sh1-54	Program Show 1-54	
		Sp1-10	Program Speed 1-10 (slow-fast)	
		St0-9	Program Flash 0-9 (slow-fast)	
Sound Mode	Soud	Sou1	Sen1-9	Mic Sensitivity
		Sou2		
		Sou3		
Edit color	Colo	R000-255	Red(0-100%)Red Dimming	
		G000-255	Green(0-100%)Green Dimming	
		B000-255	Bule(0-100%)Bule Dimming	
		St0-St9	LED Strobe (slow-fast)	
Static colors	Stat	CL00-CL26	RGB static color	
Slave	Slav	Slave	Slav(Slave,automatically identify the host)	
Information	Info	Ver	VVxx	Soft version
Product Set	Set	dis	10s	Set the backlight of the display, from 10 seconds to always on. Default is 10 seconds.
			20s	
			30s	
			60s	
			on	
		dir		Setting direction right
				Setting direction left

DMX Chart

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 five channel modes: 3/5/8/24/48/53, if it's set to 3 channel mode, and there are several fixtures need to be independently controlled, we just simply address first fixture at 1, and second fixture at 4, third one at 7, etc.

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

Table 1-1

Mode/Channel						Min DMX	Max DMX	Function
3 ch	5 ch	8 ch	24 ch	48 ch	53 ch			
	1	1	1		1	0	255	Dimmer, 0-100%
	2					0	9	No function
						10	255	Strobe, slow to fast
1	3	2	2			0	255	Red, 0-100%
2	4	3	3			0	255	Green, 0-100%
3	5	4	4			0	255	Blue, 0-100%
		5 (a)	5 (a)			0	9	No function (Ch 2-4 applies)
						10	13	Static colour (Ch 7 selection)
						14	17	Internal effect 1
						18	21	Internal effect 2
						22	25	Internal effect 3
						26	29	Internal effect 4
						30	33	Internal effect 5
						34	37	Internal effect 6
						38	41	Internal effect 7
						42	45	Internal effect 8
						46	49	Internal effect 9
						50	53	Internal effect 10
						54	57	Internal effect 11
						58	61	Internal effect 12
						62	65	Internal effect 13
						66	69	Internal effect 14

		70	73	Internal effect 15
		74	77	Internal effect 16
		78	81	Internal effect 17
		82	85	Internal effect 18
		86	89	Internal effect 19
		90	93	Internal effect 20
		94	97	Internal effect 21
		98	101	Internal effect 22
		102	105	Internal effect 23
		106	109	Internal effect 24
		110	113	Internal effect 25
		114	117	Internal effect 26
		118	121	Internal effect 27
		122	125	Internal effect 28
		126	129	Internal effect 29
		130	133	Internal effect 30
		134	137	Internal effect 31
		138	141	Internal effect 32
		142	145	Internal effect 33
		146	149	Internal effect 34
		150	153	Internal effect 35
		154	157	Internal effect 36
		158	161	Internal effect 37
		162	165	Internal effect 38
		166	169	Internal effect 39
		170	173	Internal effect 40
		174	177	Internal effect 41
		178	181	Internal effect 42
		182	185	Internal effect 43
		186	189	Internal effect 44
		190	193	Internal effect 45
		194	197	Internal effect 46
		198	201	Internal effect 47
		202	205	Internal effect 48

						206	209	Internal effect 49
						210	213	Internal effect 50
						214	217	Internal effect 51
						218	221	Internal effect 52
						222	225	Internal effect 53
						226	229	Internal effect 54
						230	233	Auto run (cycle effects 1-54)
						234	237	DMX sound mode 1
						238	241	DMX sound mode 2
						242	255	DMX sound mode 3
		6 (b)				0	9	No function (Ch 5 applies)
						10	15	1st LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
						16	21	2nd LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
						22	27	3rd LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
						28	33	4th LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
						34	39	5th LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
						40	45	6th LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
						46	51	7th LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
						52	57	8th LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
						58	63	9th LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
						64	69	10th LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100

			70	75	11th LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
			76	81	12th LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
			82	87	13th LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
			88	93	14th LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
			94	99	15th LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
			100	105	16th LED segment on, Ch 2-4 controls colour. Remaining segments are off when Ch 7 > 100
			106	111	Patten effect 1 (Ch 2-4 control colour)
			112	117	Patten effect 2 (Ch 2-4 control colour)
			118	123	Patten effect 3 (Ch 2-4 control colour)
			124	129	Patten effect 4 (Ch 2-4 control colour)
			130	135	Patten effect 5 (Ch 2-4 control colour)
			136	141	Patten effect 6 (Ch 2-4 control colour)
			142	147	Patten effect 7 (Ch 2-4 control colour)
			148	153	Patten effect 8 (Ch 2-4 control colour)
			154	159	Patten effect 9 (Ch 2-4 control colour)
			160	165	Patten effect 10 (Ch 2-4 control colour)
			166	171	Patten effect 11 (Ch 2-4 control colour)
			172	177	Patten effect 12 (Ch 2-4 control colour)
			178	183	Patten effect 13 (Ch 2-4 control colour)
			184	189	Patten effect 14 (Ch 2-4 control colour)
			190	195	Patten effect 15 (Ch 2-4 control colour)
			196	201	Patten effect 16 (Ch 2-4 control colour)
			202	207	Patten effect 17 (Ch 2-4 control colour)
			208	213	Patten effect 18 (Ch 2-4 control colour)
			214	219	Patten effect 19 (Ch 2-4 control colour)
			220	225	Patten effect 20 (Ch 2-4 control colour)
			226	231	Patten effect 21 (Ch 2-4 control colour)

						232	237	Patten effect 22 (Ch 2-4 control colour)
						238	243	Patten effect 23 (Ch 2-4 control colour)
						244	255	Patten effect 24 (Ch 2-4 control colour)
			6			0	9	No function (Ch 5 applies)
						10	19	Patten effect 1 (Ch 2-4 control colour)
						20	29	Patten effect 2 (Ch 2-4 control colour)
						30	39	Patten effect 3 (Ch 2-4 control colour)
						40	49	Patten effect 4 (Ch 2-4 control colour)
						50	59	Patten effect 5 (Ch 2-4 control colour)
						60	69	Patten effect 6 (Ch 2-4 control colour)
						70	79	Patten effect 7 (Ch 2-4 control colour)
						80	89	Patten effect 8 (Ch 2-4 control colour)
						90	99	Patten effect 9 (Ch 2-4 control colour)
						100	109	Patten effect 10 (Ch 2-4 control colour)
						110	119	Patten effect 11 (Ch 2-4 control colour)
						120	129	Patten effect 12 (Ch 2-4 control colour)
						130	139	Patten effect 13 (Ch 2-4 control colour)
						140	149	Patten effect 14 (Ch 2-4 control colour)
						150	159	Patten effect 15 (Ch 2-4 control colour)
						160	169	Patten effect 16 (Ch 2-4 control colour)
						170	179	Patten effect 17 (Ch 2-4 control colour)
						180	189	Patten effect 18 (Ch 2-4 control colour)
						190	199	Patten effect 19 (Ch 2-4 control colour)
						200	209	Patten effect 20 (Ch 2-4 control colour)
						210	219	Patten effect 21 (Ch 2-4 control colour)
						220	229	Patten effect 22 (Ch 2-4 control colour)
						230	239	Patten effect 23 (Ch 2-4 control colour)
						240	255	Patten effect 24 (Ch 2-4 control colour)
				1	2			Segment 1 Red, 0-100%
				2	3			Segment 1 Green, 0-100%
				3	4			Segment 1 Blue, 0-100%
				4	5			Segment 2 Red, 0-100%
				5	6			Segment 2 Green, 0-100%
				6	7			Segment 2 Blue, 0-100%

				...	...			
				46	47			Segment 16 Red, 0-100%
				47	48			Segment 16 Green, 0-100%
				48	49			Segment 16 Blue, 0-100%
					50 (c)	0	9	No function (Ch 2-49 applies)
						10	13	Static colour (Ch 52 selection)
						14	17	Internal effect 1
						18	21	Internal effect 2
						22	25	Internal effect 3
						26	29	Internal effect 4
						30	33	Internal effect 5
						34	37	Internal effect 6
						38	41	Internal effect 7
						42	45	Internal effect 8
						46	49	Internal effect 9
						50	53	Internal effect 10
						54	57	Internal effect 11
						58	61	Internal effect 12
						62	65	Internal effect 13
						66	69	Internal effect 14
						70	73	Internal effect 15
						74	77	Internal effect 16
						78	81	Internal effect 17
						82	85	Internal effect 18
						86	89	Internal effect 19
						90	93	Internal effect 20
						94	97	Internal effect 21
						98	101	Internal effect 22
						102	105	Internal effect 23
						106	109	Internal effect 24
						110	113	Internal effect 25
						114	117	Internal effect 26
						118	121	Internal effect 27
						122	125	Internal effect 28

						126	129	Internal effect 29
						130	133	Internal effect 30
						134	137	Internal effect 31
						138	141	Internal effect 32
						142	145	Internal effect 33
						146	149	Internal effect 34
						150	153	Internal effect 35
						154	157	Internal effect 36
						158	161	Internal effect 37
						162	165	Internal effect 38
						166	169	Internal effect 39
						170	173	Internal effect 40
						174	177	Internal effect 41
						178	181	Internal effect 42
						182	185	Internal effect 43
						186	189	Internal effect 44
						190	193	Internal effect 45
						194	197	Internal effect 46
						198	201	Internal effect 47
						202	205	Internal effect 48
						206	209	Internal effect 49
						210	213	Internal effect 50
						214	217	Internal effect 51
						218	221	Internal effect 52
						222	225	Internal effect 53
						226	229	Internal effect 54
						230	233	Auto run (cycle effects 1-54)
						234	237	DMX sound mode 1
						238	241	DMX sound mode 2
						242	255	DMX sound mode 3
					51 (d)	0	9	No function (Ch 50 applies)
						10	19	Patten effect 1 (Ch 2-4 control colour)
						20	29	Patten effect 2 (Ch 2-4 control colour)
						30	39	Patten effect 3 (Ch 2-4 control colour)

					40	49	Patten effect 4 (Ch 2-4 control colour)
					50	59	Patten effect 5 (Ch 2-4 control colour)
					60	69	Patten effect 6 (Ch 2-4 control colour)
					70	79	Patten effect 7 (Ch 2-4 control colour)
					80	89	Patten effect 8 (Ch 2-4 control colour)
					90	99	Patten effect 9 (Ch 2-4 control colour)
					100	109	Patten effect 10 (Ch 2-4 control colour)
					110	119	Patten effect 11 (Ch 2-4 control colour)
					120	129	Patten effect 12 (Ch 2-4 control colour)
					130	139	Patten effect 13 (Ch 2-4 control colour)
					140	149	Patten effect 14 (Ch 2-4 control colour)
					150	159	Patten effect 15 (Ch 2-4 control colour)
					160	169	Patten effect 16 (Ch 2-4 control colour)
					170	179	Patten effect 17 (Ch 2-4 control colour)
					180	189	Patten effect 18 (Ch 2-4 control colour)
					190	199	Patten effect 19 (Ch 2-4 control colour)
					200	209	Patten effect 20 (Ch 2-4 control colour)
					210	219	Patten effect 21 (Ch 2-4 control colour)
					220	229	Patten effect 22 (Ch 2-4 control colour)
					230	239	Patten effect 23 (Ch 2-4 control colour)
					240	255	Patten effect 24 (Ch 2-4 control colour)
	7 (e)	7 (e)		52 (e)	0	9	No function
					10	19	Static colour 1
					20	29	Static colour 2
					30	39	Static colour 3
					40	49	Static colour 4
					50	59	Static colour 5
					60	69	Static colour 6
					70	79	Static colour 7
					80	89	Static colour 8
					90	99	Static colour 9
					100	109	Static colour 10
					110	119	Static colour 11
					120	129	Static colour 12

						130	139	Static colour 13
						140	149	Static colour 14
						150	159	Static colour 15
						160	169	Static colour 16
						170	179	Static colour 17
						180	189	Static colour 18
						190	199	Static colour 19
						200	209	Static colour 20
						210	219	Static colour 21
						220	229	Static colour 22
						230	239	Static colour 23
						240	249	Static colour 24
						250	255	Static colour 25
		8	8			0	9	No function
						10	255	Strobe, slow to fast
			9 (f)			0	255	1st LED segment dimmer, 0-100%, colour controlled by Ch 2-4
			10 (f)					2nd LED segment dimmer, 0-100%, colour controlled by Ch 2-4
			...					
			23 (f)					15th LED segment dimmer, 0-100%, colour controlled by Ch 2-4
			24 (f)					16th LED segment dimmer, 0-100%, colour controlled by Ch 2-4

(a) Channel 5 is valid when the value of channel 6 is 0-9.
(b) Channel 5 is applied first.
(c) Channel 50 is valid when the value of channel 6 is 0-9.
(d) Channel 50 is applied first.
(e) (8/24 channel mode) This channel applies when channel 5 is 10-13. (53 channel mode) This channel applies when channel 50 is 10-13.
(f) This channel applies when channel 5 is 0-9 and channel 6 is 0-9.

Technical Specifications

- Light Source: 224x SMD5050 RGB LEDs
- Beam Angle: 90°
- PWM: 10,000 Hz
- Operation Modes: DMX, auto, manual, sound active, master/slave
- Control Interface: 3-pin XLR in/out
- DMX Channels: 3/5/8/24/4/53
- Input Voltage: 110-240V AC, 50/60 Hz
- Dimensions: 1100x60x60 mm
- Weight: 3.5 kg

Optional Accessories

XSTANDM8 - Vertical Mount Stand

Warranty

Please contact your local dealer or contact Event Lighting.

www.event-lighting.com.au