
User Manual

LED STROBE WITH ZONE CONTROL



READING THE MANUAL CAREFULLY BEFORE USE IT .

1. Packing list

- Fixture -1 pcs
- User manual -1 pcs
- Power cable-1 pcs
- DMX cable-1 pcs
- Omega Bracket-1pc

2. Product Introduction

2.1 Features

an innovative multi-use strobe / eye candy fixture. It is equipped with 800 0.3W RGB SMD LED for color strobing and eye candy effects, and 48X 10W white SMD LED located in the center of fixture to create the traditional look of a strobe. Zone chasing control provides an eye candy effect when used together with the white LEDs. ITS massive light output is specifically designed for large stages, nightclubs, live events and touring.

2.2 product parameters

Light Source:

- 800 x 0.5W RGB SMD LEDs + 48 x 10W Cool White

SMD LEDs

- RGB LEDs: 121 Degree Beam Angle
- Cool White LEDs: 89 Degree Beam Angle
- Color Temperature: Red: 620-630nm. Green: 515-525nm.
Blue: 460-470nm. / Cool White: 6500-7000K

- 50,000 Hour Average LED Life

Features:

- 40 x RGB LED zones
- 6 x Cool White LED zones
- 25 built-in RGB LED Program Macros
- 9 built-in Cool White LED Program Macros

Control:

- Control Protocol: DMX
- 8 DMX Modes: 6, 9, 13, 18, 36, 41, 126 and 141 channels
- Dim Modes: 6 Presets (Standard, Stage, TV, Architectural, Theatre & Stage 2)
- Dim Speed control (0.1~10 Seconds)
- 0-100% Smooth Dimming
- Strobe, shutter & pulse control
- Max Strobe Rate 25Hz. Min Strobe Rate: 0.35Hz.
- Adjustable LED Refresh Rates (900~25kHz)
- Display: LCD display with 4-button touch menu

Connections:

- 180 degree mounting bracket system
- Ready for Omega Bracket
- Power locking power in/out

Electrical:

- 100-240V 50Hz/60Hz (Auto Sensing)
- Max Power Consumption: 300W
(2.7A@120V~60Hz, 1.4A@230V~50Hz)

3. Set up

3.1 Fuse replacement

With a flat head screwdriver wedge the fuse hold out of its housing. Remove the damaged fuse from its holder and replace with exact same type fuse. Insert the fuse holder back in its place and reconnect power.

3.2 3-Pin to 5-Pin conversion chart

Note! If you use a controller with a 5 pin DMX output connector. you will need to use a 5pin to 5 pin

The chart below details a proper cable conversion:

3.3 Setting up a DMX serial data link

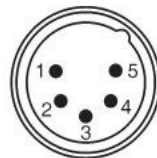
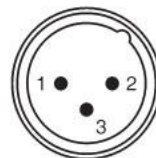
Occupation of the XLR-connection:

DMX - output
XLR mounting-sockets (rear view):



- 1 - Shield
- 2 - Signal (-)
- 3 - Signal (+)
- 4 - Not connected
- 5 - Not connected

DMX-input
XLR mounting-plugs (rear view):



3.4 Master/Slave fixture linking

1. Connect the (male) 3 pin connector side of the DMX cable to the output (female) 3pin connector of the first fixture.
2. Connect the end of the cable coming from the first fixture which will have a (female) 3 pin connector to the input connector of the next fixture consisting of a (male) 3 pin connector. Then, proceed to connect from the output as stated above to the input of the following fixture and so on.

4. Operating instructions

4.1 Navigating the control panel

Access control panel functions using the four panel buttons located directly under the Display.

Menu Map:

DMX SETTINGS	DMX Address	1 - 507 (6ch)	
		1 - 504 (9ch)	
		1 - 500 (13ch)	
		1 - 495 (18ch)	
		1 - 477 (36ch)	
		1 - 472 (41ch)	
		1 - 387 (126ch)	
		1 - 372 (141ch)	
	DMX Channel Mode	6CH	
		9CH	
		13CH	
		18CH	
		36CH	
		41CH	
		126CH	
		141CH	
	No DMX Status	Blackout	Takes all traits to 0 when DMX signal is lost or interrupted.
		Hold	Holds all traits at last received value when DMX signal is lost or interrupted.

		Manual	Defaults to values set in Manual Mode when DMX signal is lost or interrupted.
PERSONALITY	Dim Modes	Standard	
		Stage	
		TV	
		Architectural	
		Theatre	
		Stage 2	
	Dimmer Curve	Linear	
		Square	
		Inv. Sq.	
		S-Curve	
	Display	Display Backlight	Off - 2 min
		Display Lock	Off - 10 min
		Display Invert	No / Yes
	Temperature Unit	° C / ° F 	
	Fan Speed	Low	
		High	
		Auto	
	Service (Passcode = 011)	White Balance	Red1 (000 - 255)
			Green1 (000 - 255)
			Blue1 (000 - 255)
			Red2 (000 - 255)
			Green2 (000 - 255)
			Blue2 (000 - 255)
			...
		Update Software	Yes / No
		Factory Restore	Yes / No
MANUAL	Outer Red	000 - 255	
	Outer Green	000 - 255	
	Outer Blue	000 - 255	
	Inner White	000 - 255	
	Dimmer	000 - 255	
	Dimmer Fine	000 - 255	
	Strobe Effect	000 - 255	
	Strobe Rate	000 - 255	
	Strobe Duration	000 - 255	
FIXTURE TEST	Auto Test		
	Fixture Use Hour		
	LED Use Hour	Total LED Hour	
		LED On Hour	
		LED Hours Reset	
	Temperature		
	Fan State		
	RDM UID	xxxxxx	
	Error Logs	Fixture Errors	LED Fan Error

			Temperature Error
		Reset Error Log (Passcode = 011)	No / Yes
	Firmware Version	x. xx	

DMX CHARTS

CHANNEL								DMX VALUES	FUNCTION
6 CH	9 CH	13 CH	18 CH	36 CH	41 CH	126 CH	141 CH		
1	1	1	1					000 - 255	Outer Red, 0% to 100%
2	2	2	2					000 - 255	Outer Green, 0% to 100%
3	3	3	3					000 - 255	Outer Blue, 0% to 100%
4	4	4						000 - 255	Inner White, 0% to 100%
				30	33			000 - 255	Inner White Group 1
				31	34			000 - 255	Inner White Group 2
5	5	6						000 - 255	Dimmer, 0% to 100%
6	6	7						000 - 255	Dimmer Fine, 0% to 100%
			5	25	26		122	000 - 255	Outer Dimmer, 0% to 100%
			6	26	27		123	000 - 255	Outer Dimmer Fine, 0% to 100%
7	8								Strobe Effect
								000 - 002	Open
								003 - 005	Strobe
								006 - 050	Ramp up
								051 - 100	Ramp down
								101 - 150	Ramp up-down
								151 - 200	Lightning
								201 - 255	Random
	8	9						000 - 255	Strobe Rate, slow to fast
	9	10						000 - 255	Strobe Duration, slow to fast
		5	4		25		121	000 - 255	Outer Color Macros
			7	27	28		124		Outer Strobe Effect
								000 - 002	Open
								003 - 005	Strobe
								006 - 050	Ramp up
								051 - 100	Ramp down
								101 - 150	Ramp up-down
								151 - 200	Lightning

								201 - 255	Random
			8	28	29		125	000 - 255	Outer Strobe Rate, slow to fast
			9	29	30		126	000 - 255	Outer Strobe Duration, slow to fast
									Outer Program Macro
								000 - 005	No function
								006 - 015	Macro1
								016 - 025	Macro2
								026 - 035	Macro3
								036 - 045	Macro4
								046 - 055	Macro5
								056 - 065	Macro6
								066 - 075	Macro7
								076 - 085	Macro8
								086 - 095	Macro9
								096 - 105	Macro10
								106 - 115	Macro11
								116 - 125	Macro12
								126 - 135	Macro13
								136 - 145	Macro14
								146 - 155	Macro15
								156 - 165	Macro16
								166 - 175	Macro17
								176 - 185	Macro18
								186 - 195	Macro19
								196 - 205	Macro20
								206 - 215	Macro21
								216 - 225	Macro22
								226 - 235	Macro23
								236 - 245	Macro24
								246 - 255	Macro25
			11		32		128	000 - 255	Outer Program Macro Speed
			12	32	35		135	000 - 255	Inner Dimmer, 0% to 100%
			13	33	36		136	000 - 255	Inner Dimmer Fine, 0% to 100%
									Inner Strobe Effect
			14	34	37		137	000 - 002	Open
								003 - 005	Strobe
								006 - 050	Ramp up

								051 - 100	Ramp down
								101 - 150	Ramp up-down
								151 - 200	Lightning
								201 - 255	Random
			15	35	38		138	000 - 255	Inner Strobe Rate, slow to fast
			16	36	39		139	000 - 255	Inner Strobe Duration, slow to fast
									Inner Program Macro
								000 - 005	No function
								006 - 033	Macro1
								034 - 060	Macro2
								061 - 088	Macro3
								089 - 116	Macro4
								117 - 144	Macro5
								145 - 172	Macro6
								173 - 200	Macro7
								201 - 228	Macro8
								229 - 255	Macro9
			18		41		141	000 - 255	Inner Program Macro Speed
		13						000 - 255	In/Out Program Macro Speed, slow to fast
				1	1	1	1	000 - 255	Red 1
				2	2	2	2	000 - 255	Green 1
				3	3	3	3	000 - 255	Blue 1
				4	4	4	4	000 - 255	Red 2
				5	5	5	5	000 - 255	Green 2
				6	6	6	6	000 - 255	Blue 2
				7	7	7	7	000 - 255	Red 3
				8	8	8	8	000 - 255	Green 3
				9	9	9	9	000 - 255	Blue 3
				10	10	10	10	000 - 255	Red 4
				11	11	11	11	000 - 255	Green 4
				12	12	12	12	000 - 255	Blue 4
				13	13	13	13	000 - 255	Red 5
				14	14	14	14	000 - 255	Green 5
				15	15	15	15	000 - 255	Blue 5
				16	16	16	16	000 - 255	Red 6
				17	17	17	17	000 - 255	Green 6
				18	18	18	18	000 - 255	Blue 6

				19	19	19	19	000 - 255	Red 7
				20	20	20	20	000 - 255	Green 7
				21	21	21	21	000 - 255	Blue 7
				22	22	22	22	000 - 255	Red 8
				23	23	23	23	000 - 255	Green 8
				24	24	24	24	000 - 255	Blue 8
						25	25	000 - 255	Red 9
						26	26	000 - 255	Green 9
						27	27	000 - 255	Blue 9
						28	28	000 - 255	Red 10
						29	29	000 - 255	Green 10
						30	30	000 - 255	Blue 10
						31	31	000 - 255	Red 11
						32	32	000 - 255	Green 11
						33	33	000 - 255	Blue 11
						34	34	000 - 255	Red 12
						35	35	000 - 255	Green 12
						36	36	000 - 255	Blue 12
						37	37	000 - 255	Red 13
						38	38	000 - 255	Green 13
						39	39	000 - 255	Blue 13
						40	40	000 - 255	Red 14
						41	41	000 - 255	Green 14
						42	42	000 - 255	Blue 14
						43	43	000 - 255	Red 15
						44	44	000 - 255	Green 15
						45	45	000 - 255	Blue 15
						46	46	000 - 255	Red 16
						47	47	000 - 255	Green 16
						48	48	000 - 255	Blue 16
						49	49	000 - 255	Red 17
						50	50	000 - 255	Green 17
						51	51	000 - 255	Blue 17
						52	52	000 - 255	Red 18
						53	53	000 - 255	Green 18
						54	54	000 - 255	Blue 18
						55	55	000 - 255	Red 19

						56	56	000 - 255	Green 19
						57	57	000 - 255	Blue 19
						58	58	000 - 255	Red 20
						59	59	000 - 255	Green 20
						60	60	000 - 255	Blue 20
						61	61	000 - 255	Red 21
						62	62	000 - 255	Green 21
						63	63	000 - 255	Blue 21
						64	64	000 - 255	Red 22
						65	65	000 - 255	Green 22
						66	66	000 - 255	Blue 22
						67	67	000 - 255	Red 23
						68	68	000 - 255	Green 23
						69	69	000 - 255	Blue 23
						70	70	000 - 255	Red 24
						71	71	000 - 255	Green 24
						72	72	000 - 255	Blue 24
						73	73	000 - 255	Red 25
						74	74	000 - 255	Green 25
						75	75	000 - 255	Blue 25
						76	76	000 - 255	Red 26
						77	77	000 - 255	Green 26
						78	78	000 - 255	Blue 26
						79	79	000 - 255	Red 27
						80	80	000 - 255	Green 27
						81	81	000 - 255	Blue 27
						82	82	000 - 255	Red 28
						83	83	000 - 255	Green 28
						84	84	000 - 255	Blue 28
						85	85	000 - 255	Red 29
						86	86	000 - 255	Green 29
						87	87	000 - 255	Blue 29
						88	88	000 - 255	Red 30
						89	89	000 - 255	Green 30
						90	90	000 - 255	Blue 30
						91	91	000 - 255	Red 31
						92	92	000 - 255	Green 31

						93	93	000 - 255	Blue 31
						94	94	000 - 255	Red 32
						95	95	000 - 255	Green 32
						96	96	000 - 255	Blue 32
						97	97	000 - 255	Red 33
						98	98	000 - 255	Green 33
						99	99	000 - 255	Blue 33
						100	100	000 - 255	Red 34
						101	101	000 - 255	Green 34
						102	102	000 - 255	Blue 34
						103	103	000 - 255	Red 35
						104	104	000 - 255	Green 35
						105	105	000 - 255	Blue 35
						106	106	000 - 255	Red 36
						107	107	000 - 255	Green 36
						108	108	000 - 255	Blue 36
						109	109	000 - 255	Red 37
						110	110	000 - 255	Green 37
						111	111	000 - 255	Blue 37
						112	112	000 - 255	Red 38
						113	113	000 - 255	Green 38
						114	114	000 - 255	Blue 38
						115	115	000 - 255	Red 39
						116	116	000 - 255	Green 39
						117	117	000 - 255	Blue 39
						118	118	000 - 255	Red 40
						119	119	000 - 255	Green 40
						120	120	000 - 255	Blue 40
						121	129	000 - 255	White 1
						122	130	000 - 255	White 2
						123	131	000 - 255	White 3
						124	132	000 - 255	White 4
						125	133	000 - 255	White 5
						126	134	000 - 255	White 6