
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-1pcs

2. Product Introduction

2.1 Features

an innovative multi-use strobe / eye candy fixture. It is equipped with 448 0.3W RGB SMD LED for color strobing and eye candy effects, and 112X 5W 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:

- 448 x 0.3W RGB SMD LEDs + 112 x 5W Cool White SMD LEDs
- 116 Degree Beam Angle
- Color Temperature: Red: 620-630nm. Green: 515-525nm. Blue: 460-470nm. / Cool White: 5000-6500K
- 50,000 Hour Average LED Life

FEATURES:

- 32 x RGB LED zones
- 16 x Cool White LED
- 25 built-in RGB LED Program Macros
- 9 built-in Cool White LED Program Macros

CONTROL:

- Control Protocol: DMX
- 11 DMX Modes: 6, 9, 13, 16, 18, 32, 32A, 38, 43, 64, 112 and 127 channels
- Dim Modes: 6 Presets (Standard, Stage, TV, Architectural, Theatre, & Stage 2)
- Dim Curves: 4 Presets (Linear, Square, Inverse Square, and S Curve)
- 0-100% Smooth Dimming
- Strobe, shutter & pulse control
- Max Strobe Rate 25Hz. Min Strobe Rate: 0.35Hz.
- With Wired Digital Communication Network
- Display: OLED display with 4-button touch menu

CONNECTIONS:

- Data: 5-pin DMX In/Out
- 180 degree mounting bracket system
- Power locking power in/out
- Connect fixtures seamlessly using included metal bracket attachment

ELECTRICAL:

- 100-240V, 50Hz/60Hz (Auto Sensing)
- Max Power Consumption: 430W

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

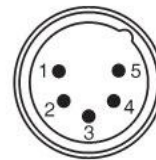
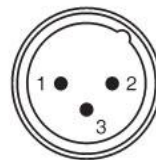
Occupation of the XLR-connection:

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:

SYSTEM MENU

DMX SETTINGS	DMX Address	1 - 507 (6ch)	
		1 - 504 (9ch)	
		1 - 500 (13ch)	
		1 - 497 (16ch)	
		1 - 495 (18ch)	
		1 - 481 (32ch)	
		1 - 481 (32Ach)	
		1 - 475 (38ch)	
		1 - 470 (43ch)	
		1 - 449 (64ch)	
		1 - 401 (112ch)	
		1 - 386 (127ch)	
	DMX Channel Mode	6CH	
		9CH	
		13CH	
		16CH	
		18CH	
		32CH	
		32Ach	
		38CH	
		43CH	
		64CH	
		112CH	
		127CH	

	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)	
		...		
		USB Port Power	ON / OFF	
		Update Software	Yes / No	
	Factory Restore	Yes / No		
MANUAL	Red1	000 - 255		
	Green1	000 - 255		
	Blue1	000 - 255		
	White1	000 - 255		
	Red2	000 - 255		
	Green2	000 - 255		
	Blue2	000 - 255		
	White2	000 - 255		
	...			
	Strobe Effect	000 - 255		
	Strobe Rate	000 - 255		
	Strobe Duration	000 - 255		
	...			
	Dimmer	000 - 255		

	Dimmer Fine	000 - 255	
FIXTURE TEST	Auto Test		
FIXTURE INFORMATION	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 TRAITS														
CHANNEL												DMX VALUES	FUNCTION	
6 CH	9 CH	13 CH	16 CH	18 CH	32 CH	32A CH	38 CH	43 CH	64 CH	112 CH	127 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	
							32	35					Inner White Group 3	
							33	36					Inner White Group 4	
5	5	6										000 - 255	Dimmer, 0% to 100%	
6	6	7										000 - 255	Dimmer Fine, 0% to 100%	
				5			25	26			98	000 - 255	Outer Dimmer, 0% to 100%	
				6			26	27			99	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			97	000 - 255	Outer Color Macros	
				7				27	28		100		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		101	000 - 255	Outer Strobe Rate, slow to fast	
				9				29	30		102	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			104	000 - 255	Outer Program Macro Speed	
				12			34	37			121	000 - 255	Inner Dimmer, 0% to 100%	
				13			35	38			122	000 - 255	Inner Dimmer Fine, 0% to 100%	
				14			36	39			123		Inner 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	
				15			37	40			124	000 - 255	Inner Strobe Rate, slow to fast	
				16			38	41			125	000 - 255	Inner Strobe Duration, slow to fast	
		12		17			42				126		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				43			127	000 - 255	Inner Program Macro Speed	
		13										000 - 255	In/Out Program Macro Speed, slow to fast	

			1		1	1	1	1	1	1	1	000 - 255	Red 1	
			2		2	2	2	2	2	2	2	000 - 255	Green 1	
			3		3	3	3	3	3	3	3	000 - 255	Blue 1	
			4		4	4	4	4	4	4	4	000 - 255	Red 2	
			5		5	5	5	5	5	5	5	000 - 255	Green 2	
			6		6	6	6	6	6	6	6	000 - 255	Blue 2	
			7		7	7	7	7	7	7	7	000 - 255	Red 3	
			8		8	8	8	8	8	8	8	000 - 255	Green 3	
			9		9	9	9	9	9	9	9	000 - 255	Blue 3	
			10		10	10	10	10	10	10	10	000 - 255	Red 4	
			11		11	11	11	11	11	11	11	000 - 255	Green 4	
			12		12	12	12	12	12	12	12	000 - 255	Blue 4	
					13	13	13	13	13	13	13	000 - 255	Red 5	
					14	14	14	14	14	14	14	000 - 255	Green 5	
					15	15	15	15	15	15	15	000 - 255	Blue 5	
					16	16	16	16	16	16	16	000 - 255	Red 6	
					17	17	17	17	17	17	17	000 - 255	Green 6	
					18	18	18	18	18	18	18	000 - 255	Blue 6	
					19	19	19	19	19	19	19	000 - 255	Red 7	
					20	20	20	20	20	20	20	000 - 255	Green 7	
					21	21	21	21	21	21	21	000 - 255	Blue 7	
					22	22	22	22	22	22	22	000 - 255	Red 8	
					23	23	23	23	23	23	23	000 - 255	Green 8	
					24	24	24	24	24	24	24	000 - 255	Blue 8	
									25	25	25	000 - 255	Red 9	
									26	26	26	000 - 255	Green 9	
									27	27	27	000 - 255	Blue 9	
									28	28	28	000 - 255	Red 10	
									29	29	29	000 - 255	Green 10	
									30	30	30	000 - 255	Blue 10	
									31	31	31	000 - 255	Red 11	
									32	32	32	000 - 255	Green 11	
									33	33	33	000 - 255	Blue 11	
									34	34	34	000 - 255	Red 12	
									35	35	35	000 - 255	Green 12	
									36	36	36	000 - 255	Blue 12	
									37	37	37	000 - 255	Red 13	
									38	38	38	000 - 255	Green 13	

									39	39	39	000 - 255	Blue 13	
									40	40	40	000 - 255	Red 14	
									41	41	41	000 - 255	Green 14	
									42	42	42	000 - 255	Blue 14	
									43	43	43	000 - 255	Red 15	
									44	44	44	000 - 255	Green 15	
									45	45	45	000 - 255	Blue 15	
									46	46	46	000 - 255	Red 16	
									47	47	47	000 - 255	Green 16	
									48	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	
			13		25	25			49	97	105	000 - 255	White 1	
			14		26	26			50	98	106	000 - 255	White 2	
			15		27	27			51	99	107	000 - 255	White 3	
			16		28	28			52	100	108	000 - 255	White 4	
					29	29			53	101	109	000 - 255	White 5	
					30	30			54	102	110	000 - 255	White 6	
					31	31			55	103	111	000 - 255	White 7	
					32	32			56	104	112	000 - 255	White 8	
									57	105	113	000 - 255	White 9	
									58	106	114	000 - 255	White 10	
									59	107	115	000 - 255	White 11	
									60	108	116	000 - 255	White 12	
									61	109	117	000 - 255	White 13	
									62	110	118	000 - 255	White 14	
									63	111	119	000 - 255	White 15	
									64	112	120	000 - 255	White 16	