

GLP X4 Atom White LED Version -12 Way PSU DMX Layout (74 DMX Channels)						
Channel	Function	Description	% Range	DMX	Comments	
1	Master Intensity	Master fixture intensity	0 - 100%	0..255	Primary Intensity Channel over all fixtures connected	
	Special / Control (All fixtures)	No Function	No Function	0 - 19%	0..50	
		Activate Silent Mode (Hold Value for more than 1 second)	Activate Silent Mode (Hold Value for more than 1 second)	20 - 25%	51..64	Activate silent mode on all fixtures
		No Function	No Function	26 - 39%	65..99	
		Change PWM Frequency (Hold value for more than 1 second)	Change PWM Frequency (Hold value for more than 1 second)	40 - 78%	100..200	Variably adjust PWM frequency from 582 to 618 Hz
		All control(Hold value for more than 0.5 second)	All control(Hold value for more than 0.5 second)	79 - 97%	201..247	copy 1 channel to All channel
Reset all fixtures (Hold for more than 0.5 seconds)	Reset all fixtures (Hold for more than 0.5 seconds)	98 - 100%	248..255			
3	Fixture 1 Dimmer	Intensity control for fixture 1	0 - 100%	0..255	Intensity for Fixture 1 only	
	4	Fixture 1 Shutter	Shutter Closed	0 - 5.5%	0..15	
Random strobe - Slow to Fast		Random strobe - Slow to Fast	6 - 18.5%	16..47		
Fade on, Snap off, Random - Slow to Fast		Fade on, Snap off, Random - Slow to Fast	19 - 31%	48..79		
Snap on, Fade off, Random - Slow to Fast		Snap on, Fade off, Random - Slow to Fast	32 - 43%	80..111		
Fade on, Fade off, Random - Slow to Fast		Fade on, Fade off, Random - Slow to Fast	44 - 56%	112..143		
Strobe with b/o pause		Strobe with b/o pause	63 - 77%	144..199		
Strobe - Slow to Fast		Strobe - Slow to Fast	78 - 94%	200..239		
Shutter Open		Shutter Open	95 - 100%	239..255		
5		Fixture 1 Color white	Color white Intensity	0 - 100%	0..255	
6		Fixture 1 warm white	warm white Intensity	0 - 100%	0..255	
7	Fixture 1 Zoom	Variable, wide to narrow (50 to 7 degrees)	0 - 100%	0..255		
8	Fixture 1 CTO	No Function	0 - 3%	0..7		
		Variable CTO (10000K-2700K)	3 - 100%	8..255		
9	Fixture 2 Dimmer	Intensity control for fixture 2	0 - 100%	0..255	Intensity for Fixture 2 only	
	10	Fixture 2 Shutter	Shutter Closed	0 - 5.5%	0..15	
Random strobe - Slow to Fast		Random strobe - Slow to Fast	6 - 18.5%	16..47		
Fade on, Snap off, Random - Slow to Fast		Fade on, Snap off, Random - Slow to Fast	19 - 31%	48..79		
Snap on, Fade off, Random - Slow to Fast		Snap on, Fade off, Random - Slow to Fast	32 - 43%	80..111		
Fade on, Fade off, Random - Slow to Fast		Fade on, Fade off, Random - Slow to Fast	44 - 56%	112..143		
Strobe with b/o pause		Strobe with b/o pause	63 - 77%	144..199		
Strobe - Slow to Fast		Strobe - Slow to Fast	78 - 94%	200..239		
Shutter Open		Shutter Open	95 - 100%	239..255		
11		Fixture 2 Color white	Color white Intensity	0 - 100%	0..255	
12		Fixture 2 warm white	warm white Intensity	0 - 100%	0..255	
13	Fixture 2 Zoom	Variable, wide to narrow (50 to 7 degrees)	0 - 100%	0..255		
14	Fixture 2 CTO	No Function	0 - 3%	0..7		
		Variable CTO (10000K-2700K)	3 - 100%	8..255		
15	Fixture 3 Dimmer	Intensity control for fixture 3	0 - 100%	0..255	Intensity for Fixture 3 only	
	16	Fixture 3 Shutter	Shutter Closed	0 - 5.5%	0..15	
Random strobe - Slow to Fast		Random strobe - Slow to Fast	6 - 18.5%	16..47		
Fade on, Snap off, Random - Slow to Fast		Fade on, Snap off, Random - Slow to Fast	19 - 31%	48..79		
Snap on, Fade off, Random - Slow to Fast		Snap on, Fade off, Random - Slow to Fast	32 - 43%	80..111		
Fade on, Fade off, Random - Slow to Fast		Fade on, Fade off, Random - Slow to Fast	44 - 56%	112..143		
Strobe with b/o pause		Strobe with b/o pause	63 - 77%	144..199		
Strobe - Slow to Fast		Strobe - Slow to Fast	78 - 94%	200..239		
Shutter Open		Shutter Open	95 - 100%	239..255		
17		Fixture 3 Color white	Color white Intensity	0 - 100%	0..255	
18		Fixture 3 warm white	warm white Intensity	0 - 100%	0..255	
19	Fixture 3 Zoom	Variable, wide to narrow (50 to 7 degrees)	0 - 100%	0..255		
20	Fixture 3 CTO	No Function	0 - 3%	0..7		
		Variable CTO (10000K-2700K)	3 - 100%	8..255		

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Channel	Function	Description	% Range	DMX	Comments
21	Fixture 4 Dimmer	Intensity control for fixture 4	0 - 100%	0.255	Intensity for Fixture 4 only
	Fixture 4 Shutter	Shutter Closed	0 - 5.5%	0.15	
22		Random strobe - Slow to Fast	6 - 18.5%	16.47	
		Fade on, Snap off, Random - Slow to Fast	19 - 31%	48.79	
		Snap on, Fade off, Random - Slow to Fast	32 - 43%	80.111	
		Fade on, Fade off, Random - Slow to Fast	44 - 56%	112.143	
		Strobe with b/o pause	63 - 77%	144.199	
		Strobe - Slow to Fast	78 - 94%	200.239	
		Shutter Open	95 - 100%	239.255	
	23	Fixture 4 Color white	Color white Intensity	0 - 100%	0.255
24	Fixture 4 warm white	warm white Intensity	0 - 100%	0.255	
25	Fixture 4 Zoom	Variable, wide to narrow (50 to 7 degrees)	0 - 100%	0.255	
26	Fixture 4 CTO	No Function	0 - 3%	0.7	
		Variable CTO (10000K-2700K)	3 - 100%	8.255	
27	Fixture 5 Dimmer	Intensity control for fixture 5	0 - 100%	0.255	Intensity for Fixture 5 only
28	Fixture 5 Shutter	Shutter Closed	0 - 5.5%	0.15	
		Random strobe - Slow to Fast	6 - 18.5%	16.47	
		Fade on, Snap off, Random - Slow to Fast	19 - 31%	48.79	
		Snap on, Fade off, Random - Slow to Fast	32 - 43%	80.111	
		Fade on, Fade off, Random - Slow to Fast	44 - 56%	112.143	
		Strobe with b/o pause	63 - 77%	144.199	
		Strobe - Slow to Fast	78 - 94%	200.239	
		Shutter Open	95 - 100%	239.255	
29	Fixture 5 Color white	Color white Intensity	0 - 100%	0.255	
30	Fixture 2 warm white	warm white Intensity	0 - 100%	0.255	
31	Fixture 5 Zoom	Variable, wide to narrow (50 to 7 degrees)	0 - 100%	0.255	
32	Fixture 5 CTO	No Function	0 - 3%	0.7	
		Variable CTO (10000K-2700K)	3 - 100%	8.255	
33	Fixture 6 Dimmer	Intensity control for fixture 6	0 - 100%	0.255	Intensity for Fixture 6 only
34	Fixture 6 Shutter	Shutter Closed	0 - 5.5%	0.15	
		Random strobe - Slow to Fast	6 - 18.5%	16.47	
		Fade on, Snap off, Random - Slow to Fast	19 - 31%	48.79	
		Snap on, Fade off, Random - Slow to Fast	32 - 43%	80.111	
		Fade on, Fade off, Random - Slow to Fast	44 - 56%	112.143	
		Strobe with b/o pause	63 - 77%	144.199	
		Strobe - Slow to Fast	78 - 94%	200.239	
		Shutter Open	95 - 100%	239.255	
35	Fixture 6 Color white	Color white Intensity	0 - 100%	0.255	
36	Fixture 6 warm white	warm white Intensity	0 - 100%	0.255	
37	Fixture 6 Zoom	Variable, wide to narrow (50 to 7 degrees)	0 - 100%	0.255	
38	Fixture 6 CTO	No Function	0 - 3%	0.7	
		Variable CTO (10000K-2700K)	3 - 100%	8.255	
39	Fixture 7 Dimmer	Intensity control for fixture 7	0 - 100%	0.255	Intensity for Fixture 7 only
40	Fixture 7 Shutter	Shutter Closed	0 - 5.5%	0.15	
		Random strobe - Slow to Fast	6 - 18.5%	16.47	
		Fade on, Snap off, Random - Slow to Fast	19 - 31%	48.79	
		Snap on, Fade off, Random - Slow to Fast	32 - 43%	80.111	
		Fade on, Fade off, Random - Slow to Fast	44 - 56%	112.143	
		Strobe with b/o pause	63 - 77%	144.199	
		Strobe - Slow to Fast	78 - 94%	200.239	
		Shutter Open	95 - 100%	239.255	

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Channel	Function	Description	% Range	DMX	Comments
41	Fixture 7 Color white	Color white Intensity	0 - 100%	0.255	
42	Fixture 7 warm white	warm white Intensity	0 - 100%	0.255	
43	Fixture 7 Zoom	Variable, wide to narrow (50 to 7 degrees)	0 - 100%	0.255	
44	Fixture 7 CTO	No Function	0 - 3%	0.7	
		Variable CTO (10000K-2700K)	3 - 100%	8.255	
45	Fixture 8 Dimmer	Intensity control for fixture 8	0 - 100%	0.255	Intensity for Fixture 8 only
	Fixture 8 Shutter	Shutter Closed	0 - 5.5%	0.15	
		Random strobe - Slow to Fast	6 - 18.5%	16.47	
		Fade on, Snap off, Random - Slow to Fast	19 - 31%	48.79	
46		Snap on, Fade off, Random - Slow to Fast	32 - 43%	80.111	
		Fade on, Fade off, Random - Slow to Fast	44 - 56%	112.143	
		Strobe with b/o pause	63 - 77%	144.199	
		Strobe - Slow to Fast	78 - 94%	200.239	
		Shutter Open	95 - 100%	239.255	
47	Fixture 8 Color white	Color white Intensity	0 - 100%	0.255	
48	Fixture 8 warm white	warm white Intensity	0 - 100%	0.255	
49	Fixture 8 Zoom	Variable, wide to narrow (50 to 7 degrees)	0 - 100%	0.255	
50	Fixture 8 CTO	No Function	0 - 3%	0.7	
		Variable CTO (10000K-2700K)	3 - 100%	8.255	
51	Fixture 9 Dimmer	Intensity control for fixture 9	0 - 100%	0.255	Intensity for Fixture 9 only
	Fixture 9 Shutter	Shutter Closed	0 - 5.5%	0.15	
		Random strobe - Slow to Fast	6 - 18.5%	16.47	
		Fade on, Snap off, Random - Slow to Fast	19 - 31%	48.79	
52		Snap on, Fade off, Random - Slow to Fast	32 - 43%	80.111	
		Fade on, Fade off, Random - Slow to Fast	44 - 56%	112.143	
		Strobe with b/o pause	63 - 77%	144.199	
		Strobe - Slow to Fast	78 - 94%	200.239	
		Shutter Open	95 - 100%	239.255	
53	Fixture 9 Color white	Color white Intensity	0 - 100%	0.255	
54	Fixture 9 warm white	warm white Intensity	0 - 100%	0.255	
55	Fixture 9 Zoom	Variable, wide to narrow (50 to 7 degrees)	0 - 100%	0.255	
56	Fixture 9 CTO	No Function	0 - 3%	0.7	
		Variable CTO (10000K-2700K)	3 - 100%	8.255	
57	Fixture 10 Dimmer	Intensity control for fixture 10	0 - 100%	0.255	Intensity for Fixture 10 only
	Fixture 10 Shutter	Shutter Closed	0 - 5.5%	0.15	
		Random strobe - Slow to Fast	6 - 18.5%	16.47	
		Fade on, Snap off, Random - Slow to Fast	19 - 31%	48.79	
58		Snap on, Fade off, Random - Slow to Fast	32 - 43%	80.111	
		Fade on, Fade off, Random - Slow to Fast	44 - 56%	112.143	
		Strobe with b/o pause	63 - 77%	144.199	
		Strobe - Slow to Fast	78 - 94%	200.239	
		Shutter Open	95 - 100%	239.255	
59	Fixture 10 Color white	Color white Intensity	0 - 100%	0.255	
60	Fixture 10 warm white	warm white Intensity	0 - 100%	0.255	
61	Fixture 10 Zoom	Variable, wide to narrow (50 to 7 degrees)	0 - 100%	0.255	
62	Fixture 10 CTO	No Function	0 - 3%	0.7	
		Variable CTO (10000K-2700K)	3 - 100%	8.255	

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Channel	Function	Description	% Range	DMX	Comments
63	Fixture 11 Dimmer	Intensity control for fixture 11	0 - 100%	0..255	Intensity for Fixture 11 only
	Fixture 11 Shutter	Shutter Closed	0 - 5.5%	0..15	
64		Random strobe - Slow to Fast	6 - 18.5%	16..47	
		Fade on, Snap off, Random - Slow to Fast	19 - 31%	48..79	
		Snap on, Fade off, Random - Slow to Fast	32 - 43%	80..111	
		Fade on, Fade off, Random - Slow to Fast	44 - 56%	112..143	
		Strobe with b/o pause	63 - 77%	144..199	
		Strobe - Slow to Fast	78 - 94%	200..239	
		Shutter Open	95 - 100%	239..255	
65	Fixture 11 Color white	Color white Intensity	0 - 100%	0..255	
66	Fixture 11 warm white	warm white Intensity	0 - 100%	0..255	
67	Fixture 11 Zoom	Variable, wide to narrow (50 to 7 degrees)	0 - 100%	0..255	
68	Fixture 11 CTO	No Function	0 - 3%	0..7	
		Variable CTO (10000K-2700K)	3 - 100%	8..255	
69	Fixture 12 Dimmer	Intensity control for fixture 12	0 - 100%	0..255	Intensity for Fixture 12 only
	Fixture 12 Shutter	Shutter Closed	0 - 5.5%	0..15	
70		Random strobe - Slow to Fast	6 - 18.5%	16..47	
		Fade on, Snap off, Random - Slow to Fast	19 - 31%	48..79	
		Snap on, Fade off, Random - Slow to Fast	32 - 43%	80..111	
		Fade on, Fade off, Random - Slow to Fast	44 - 56%	112..143	
		Strobe with b/o pause	63 - 77%	144..199	
		Strobe - Slow to Fast	78 - 94%	200..239	
		Shutter Open	95 - 100%	239..255	
71	Fixture 12 Color white	Color white Intensity	0 - 100%	0..255	
72	Fixture 12 warm white	warm white Intensity	0 - 100%	0..255	
73	Fixture 12 Zoom	Variable, wide to narrow (50 to 7 degrees)	0 - 100%	0..255	
74	Fixture 12 CTO	No Function	0 - 3%	0..7	
		Variable CTO (10000K-2700K)	3 - 100%	8..255	