

GLP JDC-1 RGB - HIRES Mode (68 DMX Channels)					
Channel	Function	Description	% Range	DMX	Comments
1	Tiltcoarse	0 .. 190°	0 - 100%	0.255	
2	Tilt-fine	High- Pos ... High- Pos + 1.2° (16 Bit)	0 - 100%	0.255	
3	Beam Dimmer	Beam flash intensity	0 - 100%	0.255	
4	Beam duration	Beam flash duration 7 → 650 ms	0 - 100%	0.255	
5	Beam rate	Beam flash rate Slow (0.289) → fast (16.67 Hz)	0 - 100%	0.255	
6	Beam FX 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	
		Shutter Open	78 - 94%	200.239	
		Shutter Open	95 - 100%	240.255	
7	Special / Control	No Function	0 - 5%	0.50	
		FX/Pattern Color Priority ON	20 - 22.5%	51.56	(Hold value for more than 3s)
		FX/Pattern Color Priority OFF	23-25%	57.64	(Hold value for more than 3s)
		No Function	26 - 39%	65.99	
		Change PWM Frequency (Hold value for more than 3s)	39.2-40.0%	100.102	adjust PWM frequency from 582 Hz
			40.4-41.2%	103.105	adjust PWM frequency from 583 Hz
			41.6-42.0%	106.107	adjust PWM frequency from 584 Hz
			42.4-43.1%	108.110	adjust PWM frequency from 585 Hz
			43.5-43.9%	111.112	adjust PWM frequency from 586 Hz
			44.3-45.1%	113.115	adjust PWM frequency from 587 Hz
			45.5-46.3%	116.118	adjust PWM frequency from 588 Hz
			46.7-47.1%	119.120	adjust PWM frequency from 589 Hz
			47.5-48.2%	121.123	adjust PWM frequency from 590 Hz
			48.6-49.0%	124.125	adjust PWM frequency from 591 Hz
			49.4-50.2%	126.128	adjust PWM frequency from 592 Hz
			50.6-51.4%	129.131	adjust PWM frequency from 593 Hz
			51.8-52.2%	132.133	adjust PWM frequency from 594 Hz
			52.5-53.3%	134.136	adjust PWM frequency from 595 Hz
			53.7-54.1%	137.138	adjust PWM frequency from 596 Hz
			54.5-55.3%	139.141	adjust PWM frequency from 597 Hz
			55.7-56.5%	142.144	adjust PWM frequency from 598 Hz
			56.9-57.3%	145.146	adjust PWM frequency from 599 Hz
			57.6-58.4%	147.149	adjust PWM frequency from 600 Hz
			58.8-59.2%	150.151	adjust PWM frequency from 601 Hz
			59.6-60.4%	152.154	adjust PWM frequency from 602 Hz
			60.8-61.6%	155.157	adjust PWM frequency from 603 Hz
			62.0-62.4%	158.159	adjust PWM frequency from 604 Hz
			62.7-63.5%	160.162	adjust PWM frequency from 605 Hz
			63.9-64.3%	163.164	adjust PWM frequency from 606 Hz
			64.7-65.5%	165.167	adjust PWM frequency from 607 Hz
			65.9-66.7%	168.170	adjust PWM frequency from 608 Hz
			67.1-67.5%	171.172	adjust PWM frequency from 609 Hz
	67.8-68.6%	173.175	adjust PWM frequency from 610 Hz		
	69.0-69.4%	176.177	adjust PWM frequency from 611 Hz		
	69.8-70.6%	178.180	adjust PWM frequency from 612 Hz		
	71.0-71.8%	181.183	adjust PWM frequency from 613 Hz		
	72.2-72.5%	184.185	adjust PWM frequency from 614 Hz		
	72.9-73.7%	186.188	adjust PWM frequency from 615 Hz		
	74.1-74.5%	189.190	adjust PWM frequency from 616 Hz		
	74.9-75.7%	191.193	adjust PWM frequency from 617 Hz		
	76.1-76.1%	194.194	adjust PWM frequency from 618 Hz		
	76.5-77.3%	195.197	adjust PWM frequency from 1200 Hz		
	77.6-78.4%	198.200	adjust PWM frequency from 2400 Hz		
	No Function	78.5 - 97%	201.247		
	Reset all fixtures (Hold for more than 0.5 seconds)	98 - 100%	248.255		
8	Color Dimmer	Color Plate intensity	0 - 100%	0.255	
9	Color duration	Color flash duration 7 → 650 ms	0 - 100%	0.255	
10	Color rate	Color flash rate Slow (0.289) → fast (16.67 Hz)	0 - 100%	0.255	
11	Color FX 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	
		Shutter Open	78 - 94%	200.239	
		Shutter Open	95 - 100%	240.255	
12	Plate red	Red Intensity	0 - 100%	0.255	
13	Plate green	Green Intensity	0 - 100%	0.255	
14	Plate blue	Blue Intensity	0 - 100%	0.255	
15	FX Crossfade		0 - 100%	0.255	
16	Pattern Color Movement		0 - 100%	0.255	
17	Pattern Select Color		0 - 100%	0.255	
18	Pattern Beam Movement		0 - 100%	0.255	
19	Pattern Select Beam		0 - 100%	0.255	
20	Master Pix intensity	Color Background Intensity (Color Set 2,	0 - 100%	0.255	
21	red pix 1 intensity	Background ( Color Set 2 , without pattern)	0 - 100%	0.255	
22	green pix 1 intensity	Background ( Color Set 2 , without pattern)	0 - 100%	0.255	
23	blue pix 1 intensity	Background ( Color Set 2 , without pattern)	0 - 100%	0.255	
24	red pix 2 intensity		0 - 100%	0.255	
25	green pix 2 intensity		0 - 100%	0.255	
26	blue pix 2 intensity		0 - 100%	0.255	
27	red pix 3 intensity		0 - 100%	0.255	
28	green pix 3 intensity		0 - 100%	0.255	
29	blue pix 3 intensity		0 - 100%	0.255	
30	red pix 4 intensity		0 - 100%	0.255	
31	green pix 4 intensity		0 - 100%	0.255	
32	blue pix 4 intensity		0 - 100%	0.255	
33	red pix 5 intensity		0 - 100%	0.255	
34	green pix 5 intensity		0 - 100%	0.255	
35	blue pix 5 intensity		0 - 100%	0.255	
36	red pix 6 intensity		0 - 100%	0.255	
37	green pix 6 intensity		0 - 100%	0.255	
38	blue pix 6 intensity		0 - 100%	0.255	

Normal Mode

12 + 12 Pixel Mode

39	red pix 7 intensity		0 - 100%	0.255		
40	green pix 7 intensity		0 - 100%	0.255		
41	blue pix 7 intensity		0 - 100%	0.255		
42	red pix 8 intensity		0 - 100%	0.255		
43	green pix 8 intensity		0 - 100%	0.255		
44	blue pix 8 intensity		0 - 100%	0.255		
45	red pix 9 intensity		0 - 100%	0.255		
46	green pix 9 intensity		0 - 100%	0.255		
47	blue pix 9 intensity		0 - 100%	0.255		
48	red pix 10 intensity		0 - 100%	0.255		
49	green pix 10 intensity		0 - 100%	0.255		
50	blue pix 10 intensity		0 - 100%	0.255		
51	red pix 11 intensity		0 - 100%	0.255		
52	green pix 11 intensity		0 - 100%	0.255		
53	blue pix 11 intensity		0 - 100%	0.255		
54	red pix 12 intensity		0 - 100%	0.255		
55	green pix 12 intensity		0 - 100%	0.255		
56	blue pix 12 intensity		0 - 100%	0.255		
57	white pix 1 intensity		0 - 100%	0.255		
58	white pix 2 intensity		0 - 100%	0.255		
59	white pix 3 intensity		0 - 100%	0.255		
60	white pix 4 intensity		0 - 100%	0.255		
61	white pix 5 intensity		0 - 100%	0.255		
62	white pix 6 intensity		0 - 100%	0.255		
63	white pix 7 intensity		0 - 100%	0.255		
64	white pix 8 intensity		0 - 100%	0.255		
65	white pix 9 intensity		0 - 100%	0.255		
66	white pix 10 intensity		0 - 100%	0.255		
67	white pix 11 intensity		0 - 100%	0.255		
68	white pix 12 intensity		0 - 100%	0.255		