GLP JDC-1 RGB - NORM Mode (23 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	Normal Mode	12 + 12 Pixel Mode
			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 from1200 Hz		
			77.6-78.4%	198..200	adjust PWM frequency from 2400 Hz		
		No Function	79 - 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 Intemsity	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			