

## 4.2 DMX Chart

Default setting shadowed. mark with ① can be basic reloaded, ② be program reloaded, ③ can be private reloaded.

Channel	name	function	Min DMX	Max DMX
1	Pan	Pan Coarse	0	255
2	Pan fine	Pan Fine	0	255
3	Tilt	Tilt Coarse	0	255
4	Tilt fine	Tilt Fine	0	255
5	XY Speed	Fast to Slow	0	255
6	Shutter	Close	0	1
		Strobe from slow to fast	2	62
		Open	63	64
		Pulse in from slow to fast	65	125
		Open	126	127
		Pulse out from slow to fast	128	188
		Open	189	190
		Randon from slow to fast	191	251
Open	252	255		
7	Dimmer	Dimmer(Close to Open)	0	255
8	Dimmer Fine	Dimmer(Close to Open)	0	255
9	Cyan	Lineary from 0% to 100%	0	255
10	Magenta	Lineary from 0% to 100%	0	255
11	Yellow	Lineary from 0% to 100%	0	255
12	Color Wheel1	Indexed		
		Open	0	18
		Open + LAVANDER	19	37
		LAVANDER	38	56
		LAVANDER + CTO 3200K	57	75
		CTO 3200K	76	94
		CTO 3200K + BLUE WOOD	95	113
		BLUE WOOD	114	132
		BLUE WOOD + Cyan	133	151
		Cyan	152	170
		Forward Spin		
		From fast to slow	171	211
		Stop		
		Stop	212	214
		Reverse Spin		
		From slow to fast	215	255
		Indexed		
		Open	0	18
		Open + DARK GREEN	19	37
		DARK GREEN	38	56
		DARK GREEN + DARK BLUE	57	75
		DARK BLUE	76	94
		DARK BLUE + DARK RED	95	113

13	Color Wheel 2	DARK RED	114	132		
		DARK RED + MAGENTA	133	151		
		MAGENTA	152	170		
		Forward Spin				
		From fast to slow	171	211		
		Stop				
		Stop	212	214		
		Reverse Spin				
		From slow to fast	215	255		
14	Color Wheel 3	Indexed				
		Open	0	18		
		Open + LIGHT GREEN	19	37		
		LIGHT GREEN	38	56		
		LIGHT GREEN + PINK	57	75		
		PINK	76	94		
		PINK + LIGHT ORANGE	95	113		
		LIGHT ORANGE	114	132		
		LIGHT ORANGE + YELLOW	133	151		
		YELLOW	152	170		
		Forward Spin				
		From fast to slow	171	211		
		Stop				
		Stop	212	214		
		Reverse Spin				
		From slow to fast	215	255		
15	Rot Gobo	Indexed				
		Open	1	9		
		GOBO 1	10	19		
		GOBO 2	20	29		
		GOBO 3	30	39		
		GOBO 4	40	49		
		GOBO 5	50	59		
		GOBO 6	60	69		
		GOBO 7	70	79		
		GOBO 8	80	89		
				Shake		
				GOBO 1 from slow to fast	90	99
				GOBO 2 from slow to fast	100	109
				GOBO 3 from slow to fast	110	119
				GOBO 4 from slow to fast	120	129
				GOBO 5 from slow to fast	130	139
				GOBO 6 from slow to fast	140	149
				GOBO 7 from slow to fast	150	159
				GOBO 8 from slow to fast	160	169
				Forward Spin		
		From fast to slow	170	211		
		Stop				

		Stop	212	213
		Reverse Spin		
		From slow to fast	214	255
16	Gobo Rot	Indexed		
		Lineary from 0° to 360°	0	127
		Forward Spin		
		From fast to slow	128	190
		Stop		
		Stop	191	192
		Reverse Spin		
		From slow to fast	193	255
17	Gobo Rot Fine	Lineary from 0° to 360° (Indexed)	0	255
18	Fixed Gobo	Indexed		
		Open	0	5
		GOBO 1	6	11
		GOBO 2	12	17
		GOBO 3	18	23
		GOBO 4	24	29
		GOBO 5	30	35
		GOBO 6	36	41
		GOBO 7	42	47
		GOBO 8	48	53
		GOBO 9	54	59
		GOBO 10	60	65
		GOBO 11	66	71
		Shake		
		GOBO 1 from slow to fast	72	77
		GOBO 2 from slow to fast	78	83
		GOBO 3 from slow to fast	84	89
		GOBO 4 from slow to fast	90	95
		GOBO 5 from slow to fast	96	101
		GOBO 6 from slow to fast	102	107
		GOBO 7 from slow to fast	108	113
		GOBO 8 from slow to fast	114	119
		GOBO 9 from slow to fast	120	125
		GOBO 10 from slow to fast	126	131
		GOBO 11 from slow to fast	132	137
		Forward Spin		
		From fast to slow	138	195
		Stop		
		Stop	196	197
		Reverse Spin		
		From slow to fast	198	255
19	Prism 1	Open	0	127
		Prism insert	128	255
		Indexed		
		Lineary from 0° to 360°	0	127

20	Prism 1 Rotation	Forward Spin		
		From fast to slow	128	190
		Stop		
		Stop	191	192
		Reverse Spin		
		From slow to fast	193	255
21	Prism 2	Open	0	127
		Prism insert	128	255
22	Prism 2 Rotation	Indexed		
		Lineary from 0° to 360°	0	127
		Forward Spin		
		From fast to slow	128	190
		Stop		
		Stop	191	192
		Reverse Spin		
		From slow to fast	193	255
23	Frost	Continuous		
		Lineary from 0% to 100%	0	255
24	Zoom	Lineary from in to out	0	255
25	Zoom Fine	Lineary from in to out	0	255
26	Focus	Lineary from in to out	0	255
27	Focus Fine	Lineary from in to out	0	255
28	Animation Insertion	Continuous		
		Lineary from 0% to 100%	0	255
29	Animation Rotation	Indexed		
		Lineary from 0° to 360°	0	127
		Forward Spin		
		From fast to slow	128	190
		Stop		
		Stop	191	192
		Reverse Spin		
		From slow to fast	193	255
30		No Function/Safe	0	1
		PAN REVERSE ON	2	3
		PAN REVERSE OFF	4	5
		TILT REVERSE ON	6	7
		TILT REVERSE OFF	8	9
		PAN/TILT MODE FAST	10	11
		PAN/TILT MODE MEDIUM	12	13
		PAN/TILT MODE SLOW	14	15
		MOVEMENT IN BLACKOUT ON	16	17
		MOVEMENT IN BLACKOUT OFF	18	19
		COLOR WHEEL 1 BLACKOUT ON (index)	20	21
		COLOR WHEEL 1 BLACKOUT OFF (index)	22	23
		COLOR WHEEL 2 BLACKOUT ON (index)	24	25
		COLOR WHEEL 2 BLACKOUT OFF (index)	26	27
		COLOR WHEEL 3 BLACKOUT ON (index)	28	29
COLOR WHEEL 3 BLACKOUT OFF (index)	30	31		

Control	ROTATING GOBO WHEEL BLACKOUT ON (index)	32	33
	ROTATING GOBO WHEEL BLACKOUT OFF (index)	34	35
	FIXED GOBO WHEEL BLACKOUT ON (index)	36	37
	FIXED GOBO WHEEL BLACKOUT OFF (index)	38	39
	COLOR WHEEL 1 CONTINUOUS MOVEMENT (index)	40	41
	COLOR WHEEL 1 STEP MOVEMENT (index)	42	43
	COLOR WHEEL 2 CONTINUOUS MOVEMENT (index)	44	45
	COLOR WHEEL 2 STEP MOVEMENT (index)	46	47
	COLOR WHEEL 3 CONTINUOUS MOVEMENT (index)	48	49
	COLOR WHEEL 3 STEP MOVEMENT (index)	50	51
	ROTATING GOBO WHEEL CONTINUOUS MOVEMENT (index)	52	53
	ROTATING GOBO WHEEL STEP MOVEMENT (index)	54	55
		FIXED GOBO WHEEL CONTINUOUS MOVEMENT (index)	56
	FIXED GOBO WHEEL STEP MOVEMENT (index)	58	59
	HOME MODE STANDARD	60	61
	HOME MODE CUSTOM	62	63
	DISPLAY ON	64	65
	DISPLAY 10S	66	67
	DISPLAY 20S	68	69
	DISPLAY 30S	70	71
	FLIP DISPLAY ON	72	73
	FLIP DISPLAY OFF	74	75
	FLIP DISPLAY AUTO	76	77
	KEY LOCK ON	78	79
	KEY LOCK OFF	80	81
	FAN MODE AUTO	82	83
	FAN MODE SILENT	84	85
	FAN MODE HIGH	86	87
	NO SIGNAL HOLD	88	89
	NO SIGNAL BLACKOUT	90	91
	STATUS LED ON	92	93
	STATUS LED OFF	94	95
	DIMMER CURVE LINEAR	96	97
	DIMMER CURVE S-CURVE	98	99
	DIMMER CURVE SQUARE LAW	100	101
	DIMMER CURVE INVERSE SQUARE LAW	102	103
	DIMMER SPEED AUTO	104	105
	DIMMER SPEED FAST	106	107
	DIMMER SPEED MEDIUM	108	109
	DIMMER SPEED SLOW	110	111
	LED FREQUENCY 600HZ	112	113
	LED FREQUENCY 1200HZ	114	115
	LED FREQUENCY 2000HZ	116	117

		LED FREQUENCY 4000HZ	118	119
		LED FREQUENCY 6000HZ	120	121
		LED FREQUENCY 25KHZ	122	123
		LED FREQUENCY 50KHZ	124	125
		INVERT ZOOM OFF	126	127
		INVERT ZOOM ON	128	129
		RESET ALL	130	131
		RESET PAN/TILT	132	133
		RESET COLOR 1	134	135
		RESET COLOR 2	136	137
		RESET COLOR 3	138	139
		RESET CYAN	140	141
		RESET MAGENTA	142	143
		RESET YELLOW	144	145
		RESET ROTATING GOBO	146	147
		RESET GOBO ROTATION	148	149
		RESET FIXED GOBO	150	151
		RESET ZOOM	152	153
		RESET FOCUS	154	155
		RESET ANIMATION	156	157
		RESET 4F PRISM	158	159
		RESET 8F PRISM	160	161
		RESET FROST	162	163
		Reserved	164	253
		FACTORY DEFAULT OF CONTROL FUNCTIONS	254	255