



5L Wash DMX Mapping

Channel	Function	Description	8-Bit	16-Bit	DMX Percent
1	INTENSITY	16-Bit Intensity Adjustment		home: 0	0%
2	Intensity Fine	Out		0	0%
		Full		65535	100%
3	PAN	16-Bit Pan linear Adjustment		home: 32767	50%
4	Pan Fine	0°		0	0%
		360°		65535	100%
5	TILT	16-Bit Tilt linear Adjustment		home: 32767	50%
6	Tilt Fine	0°		0	0%
		270°		65535	100%
7	RED	16-Bit Red Additive Color Adjustment		home: 65535	100%
8	Red Fine	Out		0	0%
		Full		65535	100%
9	GREEN	16-Bit Green Additive Color Adjustment		home: 65535	100%
10	Green Fine	Out		0	0%
		Full		65535	100%
11	BLUE	16-Bit Blue Additive Color Adjustment		home: 65535	100%
12	Blue Fine	Out		0	0%
		Full		65535	100%
13	WHITE	16-Bit White Additive Color Adjustment		home: 65535	100%
14	White Fine	Out		0	0%
		Full		65535	100%
15	COLOR WHEEL	Virtual Color Wheel	home: 0		0%
		Open	0-2		0%
		Red	3-5		1-2%
		Dark Blue	6-8		2-3%
		Yellow	9-11		3-4%
		Lt Blue Green	12-14		4-5%
		Cool Pink	15-17		6%
		Green	18-20		7-8%
		Magenta	21-23		8-9%
		Deep Lavender	24-26		9-10%
		Flesh Pink	27-29		10-11%
		Orange	30-32		11-12%
		Congo	33-35		13%
		Amber	36-38		14-15%
		Golden Amber	39-41		15-16%
		Light Lavender	42-44		16-17%
		Salmon	45-47		17-18%
		Straw	48-50		19%
		CTC 2800K	51-53		20%
		CTC 2900K	54-56		21-22%
		CTC 3000K	57-59		22-23%
		CTC 3200K	60-62		23-24%
		CTC 4000K	63-65		24-25%
CTC 4300K	66-68		26%		
CTC 4800K	69-71		27-28%		
CTC 5200K	72-74		28-29%		

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Channel	Function	Description	8-Bit	16-Bit	DMX Percent
		CTC 5600K	75-77		29-30%
		CTC 6000K	78-80		30-31%
		CTC 7000K	81-83		31-32%
		Rainbow - Wheel Spin S>F	85-145		33-57%
		Random Colors - S>F	148-255		58-100%
16	BLENDER		home: 255		100%
		Out	0		0%
		Full	255		100%
17	STROBE	Strobe adjustment	home: 0		0%
		Open	0		0%
		Pulse - Dim Up, Snap Down S>F	1-60		1-23%
		Pulse - Snap Up, Dim Down S>F	61-120		24-47%
		Fade - Dim Up, Dim Down S>F	121-180		47-70%
		Strobe S>F	181-240		71-94%
		Random S>F	241-255		94-100%
18	DIFFUSION	Diffusion blade adjust	home: 0		0%
		Out	0		0%
		Full	255		100%
19	MACRO	TBD	home: 0		0%
			TBD		0%
20	FOCUS TIME		home: 255		100%
21	COLOR TIME	Refer to "Timing Channels" on page 3	home: 255		100%
22	BEAM TIME		home: 255		100%
23	CONTROL	Control Channels	home: 0		0%
		Idle	0		0%
		Recalibrate: All	10		3%
		Recalibrate: Erred Mechanisms	11		4%
		Recalibrate: Color	14		5%
		Recalibrate: Diffuser	18		7%
		Recalibrate: Pan/Tilt	19		7%
		No Fade Out on DMX Loss*	114		44%
		Fade Out 30s After DMX Loss	116		45%
		Fade Out 60s After DMX Loss	118		46%
		Clear Logs	120		47%
		Invert Pan ON	122		48%
		Invert Pan OFF*	124		43%
		Invert Tilt ON	126		49%
		Invert Tilt OFF*	128		50%
		Swap Pan/Tilt ON	130		51%
		Swap Pan/Tilt OFF*	132		52%

All values must be held for a minimum of 3 seconds, followed by an immediate change to DMX 0 to take effect. After 15 seconds the command will be ignored.

*default setting

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Special Notes

Virtual Color Wheel

The 5L offers a virtual color wheel to quickly access common color sets. The Red, Green, Blue, White color channels build on top of the virtual color wheel.

Timing Channels

Channel Functions

Timing channel control improves the timed moves of certain groups of parameters. Three timing channels are provided for this purpose: Focus, Color, and Beam.

Timing channels support time values of up to six minutes.

Timing Channel Allocations

Channel Function	Timing Channel
Pan	Focus
Tilt	
Red	Color
Green	
Blue	
Blender	Beam
Diffusion	

Timing Channel Mapping

Refer to the Timing Channels Table starting on the next page. The following guidelines apply:

- + A timing value of zero is full speed.
- + A time value of 100% (or 255 in DMX) causes the associated parameter(s) to follow cue fade time (console time) rather than the timing channel.
- + Timing channels can be set in either % or 0-255 (DMX) modes, with the values assigned - as shown in the tables.

5L Wash DMX Mapping

Timing Channels

% Value	DMX	= Seconds
	0	Full Speed
	1	0.2
	2	0.4
1	3	0.6
	4	0.8
2	5	1
	6	1.2
	7	1.4
3	8	1.6
	9	1.8
4	10	2
	11	2.2
	12	2.4
5	13	2.6
	14	2.8
6	15	3
	16	3.2
	17	3.4
7	18	3.6
	19	3.8
8	20	4
	21	4.2
	22	4.4
9	23	4.6
	24	4.8
10	25	5
	26	5.2
	27	5.4
11	28	5.6
	29	5.8
	30	6
12	31	6.2
	32	6.4
13	33	6.6
	34	6.8
	35	7.0
14	36	7.2
	37	7.4
15	38	7.6
	39	7.8
	40	8
16	41	8.2
	42	8.4
17	43	8.6
	44	8.8
	45	9
18	46	9.2
	47	9.4
19	48	9.6
	49	9.8
	50	10
20	51	10.2
	52	10.4

Timing Channels (Continued)

% Value	DMX	= Seconds
	53	10.6
21	54	11
	55	11
22	56	12
	57	12
	58	13
23	59	13
	60	14
24	61	14
	62	14
	63	15
25	64	15
	65	16
26	66	16
	67	16
	68	17
27	69	17
	70	18
28	71	18
	72	18
	73	19
29	74	19
	75	20
30	76	20
	77	20
	78	21
31	79	21
	80	21
	81	22
32	82	22
	83	23
33	84	23
	85	23
	86	24
34	87	24
	88	25
35	89	25
	90	25
	91	26
36	92	26
	93	27
37	94	27
	95	27
	96	28
38	97	28
	98	29
39	99	29
	100	29
	101	30
40	102	30
	103	30
	104	31
41	105	31

5L Wash DMX Mapping

Timing Channels (Continued)

% Value	DMX	= Seconds
	106	32
42	107	32
	108	32
	109	33
43	110	33
	111	34
44	112	34
	113	34
	114	35
45	115	35
	116	36
46	117	36
	118	36
	119	37
47	120	37
	121	38
48	122	38
	123	38
	124	39
49	125	39
	126	39
	127	40
50	128	40
	129	41
51	130	41
	131	41
	132	42
52	133	42
	134	43
53	135	43
	136	43
	137	44
54	138	44
	139	45
55	140	45
	141	45
	142	46
56	143	46
	144	47
57	145	47
	146	47
	147	48
58	148	48
	149	49
59	150	49
	151	49
	152	50
60	153	50
	154	50
	155	51
61	156	51
	157	52
62	158	52

Timing Channels (Continued)

% Value	DMX	= Seconds
	159	52
	160	53
63	161	53
	162	54
64	163	54
	164	54
	165	55
65	166	55
	167	56
66	168	56
	169	56
	170	57
67	171	57
	172	58
68	173	58
	174	58
	175	59
69	176	59
	177	59
	178	60
70	179	60
	180	65
71	181	65
	182	65
	183	70
72	184	70
	185	75
73	186	75
	187	75
	188	80
74	189	80
	190	85
75	191	85
	192	85
	193	90
76	194	90
	195	95
77	196	95
	197	95
	198	100
78	199	100
	200	110
79	201	110
	202	110
	203	120
80	204	120
	205	120
81	206	130
	207	130
	208	140
82	209	140
	210	140
	211	150

Timing Channels (Continued)

% Value	DMX	= Seconds
83	212	150
	213	160
84	214	160
	215	160
85	216	170
	217	170
86	218	180
	219	180
87	220	180
	221	190
	222	190
88	223	200
	224	200
89	225	200
	226	210
	227	210
90	228	210
	229	220
	230	220
91	231	230
	232	230
92	233	230
	234	240
	235	240
93	236	250
	237	250
	238	250
94	239	260
	240	260
	241	270
95	242	270
	243	270
	244	280
96	245	280
	246	290
97	247	290
	248	290
	249	300
98	250	300
	251	310
99	252	310
	253	310
	254	310
100	255	Follows Cue Data

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