



Domino Wash :

DMX channel's functions and their values (61 DMX channels):

Mode/Channel			Value	Function
St	Ba	Ex		
1	1	1		<u>PAN Movement 8bit :</u>
			0-255	Pan Movement
2		2		<u>Pan Fine 16bit</u>
			0-255	Fine control of Pan movement
3	2	3		<u>TILT Movement 8bit :</u>
			0-255	Tilt Movement
4		4		<u>Tilt Fine 16bit</u>
			0-255	Fine control of Tilt movement
5	3	5		<u>Speed Pan/Tilt movement:</u>
			0-225	max to min speed
			226-235	blackout by movement
			236-245	blackout by all wheel changing
6	4	6	246-255	no function
				<u>Shutter, strobe:</u>
			0-10	Shutter closed
			11-20	No function (shutter open)
			21-117	Strobe effect slow to fast
			118-126	No function (shutter open)
			127-180	Pulse-effect in sequences
			181-191	No function (shutter open)
192-245	Random strobe effect slow to fast			
7	5	7		<u>Dimmer intensity:</u>
			0-255	Intensity 0 to 100%
		8		<u>Fine Dimmer intensity:</u>
		8	0-255	Dimmer intensity fine
8	6	9		<u>Zoom :</u>
			0-255	Zoom adjustment from small to big
		10		<u>Zoom Fine:</u>
		10	0-255	Zoom adjustment Fine
9	7	11		<u>Focus :</u>
			0-255	Continuous adjustment from near to far
		12		<u>Focus Fine:</u>
		12	0-255	Continuous adjustment Fine

10	8	13		<u>Auto Focus :</u>
			0-50	Auto Focus Off
			51-100	5m
			101-150	7.5m
			151-200	10m
		201-255	15m	
11	9	14		<u>AutoFocus Fine:</u>
			0-255	Continuous adjustment Fine
12	10	15		<u>Color Wheel:</u>
			0-3	Open / white
			4-7	Color 1
			8-11	Color 2
			12-15	Color 3
			16-19	Color 4
			20-23	Color 5
			24-27	Color 6
			28-127	Color indexing
			128-189	Backwards rainbow effect from fast to slow
		190-193	No rotation	
		194-255	Forwards rainbow effect from slow to fast	
		16		<u>Color Wheel Fine:</u>
			0-255	Color Wheel colour change to any position Fine
13	11	17		<u>Cyan Color :</u>
			0-255	Cyan (0-white, 255-100% Cyan)
		18		<u>Cyan Color Fine :</u>
			0-255	Cyan Fine
14	12	19		<u>Magenta Color :</u>
			0-255	Magenta (0-white, 255-100% magenta)
		20		<u>Magenta Color Fine :</u>
			0-255	Magenta Fine
15	13	21		<u>Yellow Color :</u>
			0-255	Yellow (0-white, 255-100% Yellow)
		22		<u>Yellow Color Fine :</u>
			0-255	Yellow Fine
16	14	23		<u>CTO Color :</u>
			0-255	CTO (0-white, 255-100% CTO)
		24		<u>CTO Color Fine :</u>
			0-255	CTO Fine
17	15	25		<u>CTB Color :</u>
			0-255	CTB (0-white, 255-100% CTO)
		26		<u>CTB Color Fine :</u>
			0-255	CTB Fine
18	16	27		<u>CTP Color :</u>
			0-255	CTP (0-white, 255-100% CTO)
		28		<u>CTP Color Fine :</u>
			0-255	CTP Fine

19	17	29		<u>Color Presets:</u>
			0-255	<u>See Appendix</u>
20	18	30		Reserved
21	19	31		Reserved
22	20	32		Reserved
23	21	33		<u>Rotating gobos, cont. rotation :</u>
			0-9	Open
			10-19	Rot. gobo 1
			20-29	Rot. gobo 2
			30-39	Rot. gobo 3
			40-49	Rot. gobo 4
			50-59	Rot. gobo 5
			60-69	Rot. gobo 6
			70-77	Rot. Gobo 7
			78-93	Gobo 1 shake slow to fast
			94-109	Gobo 2 shake slow to fast
			110-125	Gobo 3 shake slow to fast
			126-141	Gobo 4 shake slow to fast
			142-157	Gobo 5 shake slow to fast
			158-173	Gobo 6 shake slow to fast
174-189	Gobo 7 shake slow to fast			
			190-221	Gobo wheel rotation backwards from fast to slow
			222-223	No rotation
			224-255	Gobo wheel rotation forwards from slow to fast
24	22	34		<u>Rotating gobo index,rotating gobo rotation :</u>
			0-127	Gobo indexing
			128-189	Forwards gobo rotation from fast to slow
			190-193	No rotation
			194-255	Backwards gobo rotation from slow to fast
		35		<u>Rotating gobo indexing Fine :</u>
			0-255	Fine indexing
25	23	36		<u>Animation wheel :</u>
			0-7	No rotation
			8-127	Forwards rotation from fast to slow
			128-135	No rotation
			136-255	Backwards rotation from slow to fast
26	24	37		<u>Iris:</u>
			0-191	Max. diameter to Min.diameter
			192-223	Pulse closing fast to slow
			224-255	Pulse opening slow to fast
		38		<u>Iris Fine:</u>
			0-255	Iris Fine
27	25	39		<u>Prism 1 :</u>
			0-127	Open

			128-255	Prism
28	26	40		<u>Rotating prism index, rotating prism rotation 1</u>
			0-127	Prism indexing
			128-189	Forwards prism rotation from fast to slow
			190-193	No rotation
			194-255	Backwards prism rotation from slow to fast
		41		<u>Rotating prism indexing Fine 1:</u>
			0-255	Fine indexing
29	27	42		<u>Frost :</u>
			0-255	0-100%
30	28	43		<u>Blade 1A :</u>
			0-255	Open to Close
		44		<u>Blade 1A Fine :</u>
			0-255	Open to Close Fine
31	29	45		<u>Blade 1B :</u>
			0-255	Open to Close
		46		<u>Blade 1B Fine :</u>
			0-255	Open to Close Fine
32	30	47		<u>Blade 2A :</u>
			0-255	Open to Close
		48		<u>Blade 2A Fine :</u>
			0-255	Open to Close Fine
33	31	49		<u>Blade 2B :</u>
			0-255	Open to Close
		50		<u>Blade 2B Fine :</u>
			0-255	Open to Close Fine
34	32	51		<u>Blade 3A :</u>
			0-255	Open to Close
		52		<u>Blade 3A Fine :</u>
			0-255	Open to Close Fine
35	33	53		<u>Blade 3B :</u>
			0-255	Open to Close
		54		<u>Blade 3B Fine :</u>
			0-255	Open to Close Fine
36	34	55		<u>Blade 4A :</u>
			0-255	Open to Close
		56		<u>Blade 4A Fine :</u>
			0-255	Open to Close Fine
37	35	57		<u>Blade 4B :</u>
			0-255	Open to Close
		58		<u>Blade 4B Fine :</u>
			0-255	Open to Close Fine
38	36	59		<u>All Blade Rotation :</u>
			0-255	All Blade Rotation

		60	All Blade Rotation Fine :
			0-255 All Blade Rotation Fine
			Control, reset, internal programs:
			0-4 unused
			5-9 Display Off
			10-14 Display On
			15-19 Display Invert Off
			20-24 Display Invert On
			25-26 Auto fan control mode
			27-28 Stage fan control mode
			29-30 Silence fan control mode
			31-32 Super Silence fan control mode
			33-34 Constant Fans Off
			35-36 Constant Fans On
			37-44 unused
			45-49 Square Law
			50-54 Linear
			55-58 1.2K
			59-62 2.4K
			63-66 16K
			67-69 25K
			70-74 Gobo correction Off
			75-79 Gobo correction On
			80-84 All motor reset
			85-87 Scan motor reset
			88-90 Colors motor reset
			91-93 Gobo motor reset
			94 unused
			95 Reset P/T Fade Off
			96 Reset P/T Fade On
			97-99 Other motor reset
			100-102 Frost Progressive Off
			103-105 Frost Progressive On
39	37	61	106-108 CMY speed Fast
			109-111 CMY speed Medium
			112-114 CMY speed Slow
			115-117 Silence Movements Off
			118-120 Silence Movements On
			121-123 Prerig INIT Off
			124-126 Prerig INIT On
			127-129 Sun Protection Off
			130-132 Sun Protection On
			133-135 Pan Reverse Off
			136-138 Pan Reverse On

139-141	Tilt Reverse Off
142-144	Tilt Reverse On
145-147	Pan Degree 540°
148-150	Pan Degree 630°
151-153	Feedback Off
154-156	Feedback On
157-159	Init PAN Off
160-162	Init PAN On
163-165	Init TILT Off
166-168	Init TILT On
169-171	Reset Mode (Fast)
172-174	Reset Mode (All Rot Gobos)
175-177	Pan/Tilt Spd Fast
178-180	Pan/Tilt Spd Medium
181-183	Pan/Tilt Spd Slow
184-186	Pan/Tilt Spd FS Mode
187-189	Zoom/Focus Spd Fast
190-192	Zoom/Focus Spd Medium
193-195	Zoom/Focus Spd Slow
196-198	Reset LED Fade Off
199-201	Reset LED Fade On
202-255	unused