



## DOMINO DMX CHART V1

DMX channel's functions and their values (66DMX channels):				
Mode/Channel			Value	Function
St	Ba	Ex		
1	1	1		<b>PAN Movement 8bit :</b>
			0-255	Pan Movement
2		2		<b>Pan Fine 16bit</b>
			0-255	Fine control of Pan movement
3	2	3		<b>TILT Movement 8bit :</b>
			0-255	Tilt Movement
4		4		<b>Tilt Fine 16bit</b>
			0-255	Fine control of Tilt movement
5	3	5		<b>Speed Pan/Tilt movement:</b>
			0-225	max to min speed
			226-235	blackout by movement
			236-245	blackout by all wheel changing
6	4	6		<b>Shutter, strobe:</b>
			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
246-255	No function (shutter open)			
7	5	7		<b>Dimmer intensity:</b>
			0-255	Intensity 0 to 100%
		8		<b>Fine Dimmer intensity:</b>
			0-255	Dimmer intensity fine
8	6	9		<b>Chase Patterns:</b>
			0-9	Open
			10-19	Chase 1

			20-29	Chase 2
			30-39	Chase 3
			40-49	Chase 4
			50-59	Chase 5
			60-69	Chase 6
			70-79	Chase 7
			80-89	Chase 8
			90-99	Chase 9
			100-109	Chase 10
			110-119	Chase 11
			120-129	Chase 12
			130-139	Chase 13
			140-255	Reserved
9	7	10		<b>Chase Speed:</b>
			0-125	Fast to Slow Backward
			126-130	Stop(Speed=0)
			131-255	Slow to Fast Forward
10	8	11		<b>Chase Fade:</b>
			0-255	Fade Chase
11	9	12		<b>Zoom :</b>
			0-255	Zoom adjustment from small to big
		13		<b>Zoom Fine:</b>
			0-255	Zoom adjustment Fine
12	10	14		<b>Focus :</b>
			0-255	Continuous adjustment from near to far
		15		<b>Focus Fine:</b>
			0-255	Continuous adjustment Fine
13	11	16		<b>Auto Focus :</b>
			0-50	Auto Focus Off
			51-100	5m
			101-150	7.5m
			151-200	10m
		201-255	15m	
14	12	17		<b>AutoFocus Fine:</b>
			0-255	Continuous adjustment Fine
15	13	18		<b>Color Wheel:</b>
			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	Forwards rainbow effect from fast to slow
			190-193	No rotation
			194-255	Backwards rainbow effect from slow to fast
		19		<b><u>Color Wheel Fine:</u></b>
			0-255	Color Wheel colour change to any position Fine
16	14	20		<b><u>CTB/CRI:</u></b>
			0-63	Open
			64-127	CTB
			128-255	CRI
17	15	21		<b><u>Cyan Color :</u></b>
			0-255	Cyan (0-white, 255-100% Cyan)
		22		<b><u>Cyan Color Fine :</u></b>
			0-255	Cyan Fine
18	16	23		<b><u>Magenta Color :</u></b>
			0-255	Magenta (0-white, 255-100% magenta)
		24		<b><u>Magenta Color Fine :</u></b>
			0-255	Magenta Fine
19	17	25		<b><u>Yellow Color :</u></b>
			0-255	Yellow (0-white, 255-100% Yellow)
		26		<b><u>Yellow Color Fine :</u></b>
			0-255	Yellow Fine
20	18	27		<b><u>CTO Color :</u></b>
			0-255	CTO (0-white, 255-100% CTO)
		28		<b><u>CTO Color Fine :</u></b>
			0-255	CTO Fine
21	19	29		<b><u>Rotating gobos, cont. rotation 1:</u></b>
			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 forwards from fast to slow
			222-223	No rotation
			224-255	Gobo wheel rotation f backwards from slow to fast
22	20	30		<b><u>Rotating gobo index,rotating gobo rotation 1:</u></b>
			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
		31		<b><u>Rotating gobo indexing Fine 1:</u></b>
			0-255	Fine indexing
23	21	32		<b><u>Rotating gobos, cont. rotation 2:</u></b>
			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 forwards from fast to slow
			222-223	No rotation
			224-255	Gobo wheel rotation f backwards from slow to fast
24	22	33		<b><u>Rotating gobo index,rotating gobo rotation 2:</u></b>
			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
		34		<b><u>Rotating gobo indexing Fine 2:</u></b>
			0-255	Fine indexing
25	23	35		<b><u>Animation wheel 1:</u></b>
			0-7	open

			8-127	Forwards rotation from fast to slow
			128-135	No rotation
			136-255	Backwards rotation from slow to fast
26	24	36		<b>Animation wheel 2:</b>
			0-255	Animation indexing
27	25	37		<b>Rotating Animation wheel 2:</b>
			0-7	No rotation
			8-127	Forwards rotation from fast to slow
			128-135	No rotation
			136-255	Backwards rotation from slow to fast
28	26	38		<b>Iris:</b>
			0-191	Max. diameter to Min.diameter
			192-223	Pulse closing fast to slow
			224-255	Pulse opening slow to fast
		39		<b>Iris Fine:</b>
			0-255	Iris Fine
29	27	40		<b>Prism 1:</b>
			0-127	Open
			128-255	5-Facet Prism
30	28	41		<b>Rotating prism index, rotating prism rotation 1</b>
			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
		42		<b>Rotating prism indexing Fine 1:</b>
			0-255	Fine indexing
31	29	43		<b>Prism 2:</b>
			0-127	Open
			128-255	Linear Prism
32	30	44		<b>Rotating prism index, rotating prism rotation 2</b>
			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
		45		<b>Rotating prism indexing Fine 2:</b>
			0-255	Fine indexing
33	31	46		<b>Frost 1:</b>
			0-255	0-100%
34	32	47		<b>Frost 2:</b>
			0-255	0-100%
35	33	48		<b>Blade 1A :</b>

			0-255	Open to Close
		49		<b>Blade 1A Fine :</b>
			0-255	Open to Close Fine
36	34	50		<b>Blade 1B :</b>
			0-255	Open to Close
		51		<b>Blade 1B Fine :</b>
			0-255	Open to Close Fine
37	35	52		<b>Blade 2A :</b>
			0-255	Open to Close
		53		<b>Blade 2A Fine :</b>
			0-255	Open to Close Fine
38	36	54		<b>Blade 2B :</b>
			0-255	Open to Close
		55		<b>Blade 2B Fine :</b>
			0-255	Open to Close Fine
39	37	56		<b>Blade 3A :</b>
			0-255	Open to Close
		57		<b>Blade 3A Fine :</b>
			0-255	Open to Close Fine
40	38	58		<b>Blade 3B :</b>
			0-255	Open to Close
		59		<b>Blade 3B Fine :</b>
			0-255	Open to Close Fine
41	39	60		<b>Blade 4A :</b>
			0-255	Open to Close
		61		<b>Blade 4A Fine :</b>
			0-255	Open to Close Fine
42	40	62		<b>Blade 4B :</b>
			0-255	Open to Close
		63		<b>Blade 4B Fine :</b>
			0-255	Open to Close Fine
43	41	64		<b>All Blade Rotation :</b>
			0-255	All Blade Rotation
		65		<b>All Blade Rotation Fine :</b>
			0-255	All Blade Rotation Fine
44	42	66		<b>Control, reset, internal programs:</b>
			0-4	unused
			5-9	Display Off
			10-14	Display On
			15-19	Display Invert Off
			20-24	Display Invert On

	25-29	Auto fan control mode
	30-34	Stage fan control mode
	35-39	Studio fan control mode
	40-41	Silence fan control mode
	42-44	Theatre fan control mode
	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
	106-255	unused