



<b>DMX channel's functions and their values (22 DMX channels):</b>				
<b>Mode/Channel</b>			<b>Value</b>	<b>Function</b>
<b>St</b>	<b>Ba</b>	<b>Ex</b>		
1	1	6		<b>Color Wheel :</b>
			0-14	Open / white
			15-29	Color 1
			30-44	Color 2
			45-59	Color 3
			60-74	Color 4
			75-89	Color 5
			90-104	Color 6
			105-119	Color 7
			120-127	Color 8
			128-189	Forwards rainbow effect from fast to slow
			190-193	No rotation
			194-255	Backwards rainbow effect from slow to fast
			0-255	Color Wheel colour change to any position Fine
2	2	8		<b>Rotating gobos, cont. rotation :</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
			70-79	Rot. gobo 7
			80-89	Rot. gobo 8
			90-104	Rot. gobo 1 shake
			105-119	Rot. gobo 2 shake
			120-134	Rot. gobo 3 shake
			135-149	Rot. gobo 4 shake
			150-164	Rot. gobo 5 shake
			165-179	Rot. gobo 6 shake
			180-194	Rot. gobo 7 shake
195-209	Rot. gobo 8 shake			
210-255	Rot. gobo wheel cont. rotation slow to fast			
3	3	9		<b>Rotating gobo index, rotating gobo rotation :</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
		10		<b><u>Rotating gobo indexing Fine</u></b>
			0-255	Fine indexing
				<b><u>Fixed Gobos :</u></b>
			0-7	Open/hole
			8-15	Gobo 1
			16-23	Gobo 2
			24-31	Gobo 3
			32-39	Gobo 4
			40-47	Gobo 5
			48-55	Gobo 6
			56-63	Gobo 7
			64-71	Gobo 8
			72-79	Gobo 9
			80-87	Gobo 10
			88-95	Gobo 11
			96-103	Gobo 12
4	4	11	104-111	Gobo 13
			112-119	Gobo 1 shake slow to fast
			120-127	Gobo 2 shake slow to fast
			128-135	Gobo 3 shake slow to fast
			136-143	Gobo 4 shake slow to fast
			144-151	Gobo 5 shake slow to fast
			152-159	Gobo 6 shake slow to fast
			160-167	Gobo 7 shake slow to fast
			168-175	Gobo 8 shake slow to fast
			176-183	Gobo 9 shake slow to fast
			184-191	Gobo 10 shake slow to fast
			192-199	Gobo 11 shake slow to fast
			200-207	Gobo 12 shake slow to fast
			208-215	Gobo 13 shake slow to fast
			216-255	Gobo wheel rotation from slow to fast
		12		<b><u>Fixed gobo indexing Fine</u></b>
			0-255	Fixed gobo Fine indexing
5	5	1		<b><u>PAN Movement 8bit :</u></b>
			0-255	Pan Movement By 630/540
6	6	3		<b><u>TILT Movement 8bit :</u></b>



			0-255	Tilt Movement By 270
7	7	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
			246-255	no function
8	8	13		<b>3 facet rotating prism, Prism / Gobo macros:</b>
			0-31	Open
			32-127	Rot. Prism
			128-135	Macro 1
			136-143	Macro 2
			144-151	Macro 3
			152-159	Macro 4
			160-167	Macro 5
			168-175	Macro 6
			176-183	Macro 7
			184-191	Macro 8
			192-199	Macro 9
			200-207	Macro 10
			208-215	Macro 11
			216-223	Macro 12
			224-231	Macro 13
232-239	Macro 14			
240-247	Macro 15			
248-255	Macro 16			
9	9	14		<b>Rotating prism:</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
		15		<b>Rotating Prism indexing Fine</b>
			0-255	Fine indexing
10	10	16		<b>Focus :</b>
			0-255	Continuous adjustment from near to far
		17		<b>Focus Fine:</b>
			0-255	Continuous adjustment Fine
11	11	18		<b>Shutter, strobe:</b>
			0-31	Shutter closed
			32-63	No function (shutter open)
			64-95	Strobe effect slow to fast



			96-127	No function (shutter open)
			128-159	Pulse-effect in sequences
			160-191	No function (shutter open)
			192-223	Random strobe effect slow to fast
			224-255	No function (shutter open)
12	12	19		<b>Dimmer intensity:</b>
			0-255	Intensity 0 to 100%
		20		<b>Fine Dimmer intensity:</b>
			0-255	Dimmer intensity fine
13	13	21		<b>Frost:</b>
			0-127	Disable frost
			128-255	Enable frost
14	14	22		<b>Lamp on/off, reset, internal programs:</b>
			0-19	colour change normal
			20-29	colour change to any position
			30-39	colour & gobo change to any position
			40-59	Lamp on
			60-79	Lamp switch off
			80-84	All motor reset
			85-87	Scan motor reset
			88-90	Colors motor reset
			91-93	Gobo motor reset
			94-96	Shutter & Dimmer motor reset
			97-99	Other motor reset
			100-119	Internal program 1
			120-139	Internal program 2
			140-159	Internal program 3
			160-179	Internal program 4
			180-199	Internal program 5
			200-219	Internal program 6
			220-239	Internal program 7
			240-255	Auto program by music
15		2		<b>Pan Fine 16bit</b>
			0-255	Fine control of Pan movement
16		4		<b>Tilt Fine 16bit</b>
			0-255	Fine control of Tilt movement