

DMX-CHART:

Mode/Channel		Value	Function
St	Ex		
1	1	<u>PAN Movement 8bit</u>	
		127	Default
		0-255	Pan Movement
2	2	<u>Pan Fine 16bit</u>	
		0	Default
		0-255	Fine control of Pan movement
3	3	<u>TILT Movement 8bit</u>	
		127	Default
		0-255	Tilt Movement
4	4	<u>Tilt Fine 16bit</u>	
		0	Default
		0-255	Fine control of Tilt movement
5	5	<u>Color Wheel and colour change to any position</u>	
		0	Default
		0-209	Colour change to any position
		13-15	Color 1
		27-29	Color 2
		41-43	Color 3
		55-57	Color 4
		69-71	Color 5
		83-85	Color 6
		97-99	Color 7
		111-113	Color 8
		125-127	Color 9
		139-141	Color 10
		153-155	Color 11
		167-169	Color 12
		181-183	Color 13
		195~197	Color 14
210-230	Forwards rainbow effect from fast to slow		
231-234	No rotation		
235-255	Backwards rainbow effect from slow to fast		
	6	<u>Color Wheel Fine</u>	
		0	Default
		0-255	Color Wheel colour change to any position Fine
6	7	<u>Cyan Color</u>	
		0	Default
		0-255	Cyan (0-white, 255-100% Cyan)



Mode/Channel		Value	Function
	8	<u>Cyan Color Fine</u>	
		0	Default
		0-255	Cyan Fine
7	9	<u>Magenta Color</u>	
		0	Default
		0-255	Magenta (0-white, 255-100% magenta)
	10	<u>Magenta Color Fine</u>	
		0	Default
		0-255	Magenta Fine
8	11	<u>Yellow Color</u>	
		0	Default
		0-255	Yellow (0-white, 255-100% Yellow)
	12	<u>Yellow Color Fine</u>	
		0	Default
		0-255	Yellow Fine
9	13	<u>CTO Color</u>	
		0	Default
		0-255	CTO (0-white, 255-100% CTO)
	14	<u>CTO Color Fine</u>	
		0	Default
		0-255	CTO Fine
10	15	<u>Beam or spot mode select</u>	
		0	Default
		0-127	Beam mode
		128-255	Spot mode
11	16	<u>Rotating gobos, cont. rotation</u>	
		0-21	Open/hole
		22-31	Rot. gobo 1
		32-41	Rot. gobo 2
		42-51	Rot. gobo 3
		52-61	Rot. gobo 4
		62-71	Rot. gobo 5
		72-81	Rot. gobo 6
		82-91	Rot. gobo 7
		92-101	Rot. gobo 8
		102-112	Rot. gobo 1 shake
		113-123	Rot. gobo 2 shake
		124-134	Rot. gobo 3 shake
		135-145	Rot. gobo 4 shake
		146-156	Rot. gobo 5 shake
		157-167	Rot. gobo 6 shake
168-178	Rot. gobo 7 shake		
179-189	Rot. gobo 8 shake		



Mode/Channel		Value	Function
		190-221	Clock-wise scroll from fast to slow
		222-223	No rotation
		224-255	Counter clock-wise scroll from slow to fast
12	17	<u>Rotating gobo index, rotating gobo rotation</u>	
		0	Default
		0-127	Gobo indexing
		128-189	Clock-wise rotation from fast to slow
		190-193	No rotation
		194-255	Counter clock-wise rotation from slow to fast
	18	<u>Rotating gobo indexing Fine</u>	
		0	Default
		0-255	Fine indexing
13	19	<u>Fixed Gobos</u>	
		0-7	Open/hole
		8-14	Gobo 1
		15-21	Gobo 2
		22-28	Gobo 3
		29-35	Gobo 4
		36-42	Gobo 5
		43-49	Gobo 6
		50-56	Gobo 7
		57-63	Gobo 8
		64-70	Gobo 9
		71-77	Gobo 10
		78-84	Gobo 11
		85-91	Gobo 12
		92-98	Gobo 13
		99-105	Gobo 14
		106-111	Gobo 1 shake slow to fast
		112-117	Gobo 2 shake slow to fast
		118-123	Gobo 3 shake slow to fast
		124-129	Gobo 4 shake slow to fast
		130-135	Gobo 5 shake slow to fast
		136-141	Gobo 6 shake slow to fast
		142-147	Gobo 7 shake slow to fast
		148-153	Gobo 8 shake slow to fast
		154-159	Gobo 9 shake slow to fast
		160-165	Gobo 10 shake slow to fast
		166-171	Gobo 11 shake slow to fast
172-177	Gobo 12 shake slow to fast		
178-183	Gobo 13 shake slow to fast		
184-189	Gobo 14 shake slow to fast		
190-221	Clock-wise scroll from fast to slow		



Mode/Channel		Value	Function
		222-223	No rotation
		224-255	Counter clock-wise scroll from slow to fast
14	20	<u>Wheel Animation</u>	
		0-7	Open
		8-127	Animation indexing
		128-187	Clock-wise scroll from fast to slow
		188-195	No rotation
		196-255	Counter clock-wise scroll from slow to fast
15	21	<u>8/Linear Prism</u>	
		0-63	Open position (hole)
		64-127	8 Prism
		128- 191	Linear Prism
		192- 255	8/Linear Prism
16	22	<u>Rotating 8 prism index, rotating prism rotation</u>	
		0	Default
		0-127	Prism indexing
		128-189	Clock-wise rotation from fast to slow
		190-193	No rotation
		194-255	Counter clock-wise rotation from slow to fast
	23	<u>Rotating 8 prism indexing Fine</u>	
		0	Default
		0-255	Fine indexing
17	24	<u>Rotating linear prism index, rotating prism rotation</u>	
		0	Default
		0-127	Prism indexing
		128-189	Clock-wise rotation from fast to slow
		190-193	No rotation
		194-255	Counter clock-wise rotation from slow to fast
	25	<u>Rotating linear prism indexing Fine</u>	
		0	Default
		0-255	Fine indexing
18	26	<u>Zoom</u>	
		0	Default
		0-255	Zoom adjustment from small to big
	27	<u>Zoom Fine</u>	
		0	Default
		0-255	Zoom adjustment Fine
19	28	<u>Focus</u>	
		0	Default
		0-255	Continuous adjustment from near to far
	29	<u>Focus Fine</u>	
		0	Default
		0-255	Continuous adjustment Fine



Mode/Channel		Value	Function
20	30	<u>Auto Focus</u>	
		0-50	Auto Focus Off
		51-150	15m
		151-255	20m
21	31	<u>Auto Focus adjustment</u>	
		0	Default
		0-255	Continuous adjustment
22	32	<u>Shutter, strobe</u>	
		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)		
23	33	<u>Dimmer intensity</u>	
		0	Default
		0-255	Intensity 0 to 100%
	34	<u>Fine Dimmer intensity</u>	
		0	Default
		0-255	Dimmer intensity fine
24	35	<u>Frost</u>	
		0	Default
		0-127	Disable frost
		128-255	Enable frost
25	36	<u>Control</u>	
		0	Default
		0-29	no function
		30~39	Blackout during movement
		40-59	Lamp on
		60-79	Lamp switch off
		80-139	All motor reset
		140-199	Pan/Tilt Reset
200-255	All Reste except PAN/TILT		