

## DMX channel list

Mode		Value	Function	
34CH	54CH			
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	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	5		<b>Speed Pan/Tilt movement:</b>	
		0-255	max to min speed	
6	6		<b>Shutter,stroke</b>	
		0-31	Shutterclosed	
		32-63	Shutteropen	
		64-95	Strobe effect slow to fast	
		96-127	Shutteropen	
		128-159	Pulse-effect in sequences	
		160-191	Shutteropen	
		192-223	Random strobe effect slow to fast	
		224-255	Shutteropen	

7	7		<b>Dimmer intensity:</b>	
		0-255	Intensity0 to 100 %	
	8		<b>Dimmer intensity Fine:</b>	
		0-255	Dimmer intensity fine	
8	9		<b>Zoom:</b>	
		0-255	Zoom adjustmentfrom small to big	
	10		<b>Zoom Fine:</b>	
		0-255	Zoom adjustmentFine	
9	11		<b>Focus:</b>	
		0-255	Continuousadjustmentfrom near to far	
	12		<b>Focus Fine:</b>	
		0-255	ContinuousadjustmentFine	
10	13		<b>Auto Focus:</b>	
		0-51	Auto Focus O□	
		52-102	5m	
		103-153	7.5m	
		154-204	10m	
		205-255	15m	
11	14		<b>Auto Focus Fine:</b>	
		0-255	ContinuousadjustmentFine	
12	15		<b>Color Wheel:</b>	
		0-15	Open	
		16-22	Open/Color1	
		23-29	Color1	
		30-36	Color1/Color2	
		37-43	Color2	
		44-50	Color2/Color3	
		51-57	Color3	
		58-64	Color3/Color4	
		65-71	Color4	
		72-78	Color4/Color5	
		79-85	Color5	
		86-92	Color5/Color6	
		93-99	Color6	
		100-106	Color6/Color7	
		107-113	Color7	
		114-120	Color7/Open	
		121-127	Open	
		128-189	Forwards rainbow e ffect from fast to slow	
190-193	No rotation			
194-255	Backwards rainbow e ffect from slow to fast			

	16		<b>Color Wheel Fine:</b>	
		0-255	Color Wheel colour change to any position Fine	
13	17		<b>Cyan Color:</b>	
		0-255	Cyan (0-white,255-100% Cyan)	
	18		<b>Cyan Color Fine:</b>	
		0-255	Cyan Fine	
14	19		<b>Magenta Color:</b>	
		0-255	Magenta (0-white,255-100% Magenta)	
	20		<b>Magenta Color Fine:</b>	
		0-255	Magenta Fine	
15	21		<b>Yellow Color:</b>	
		0-255	Yellow (0-white,255-100% Yellow)	
	22		<b>Yellow Color Fine:</b>	
		0-255	Yellow Fine	
16	23		<b>CTO Color:</b>	
		0-255	CTO (0-white,255-100% CTO)	
	24		<b>CTO Color Fine:</b>	
		0-255	CTO Fine	
			<b>Rotating gobos ,cont.rotation 1:</b>	
		0-21	Open	
		22-35	Rot.gobo1	
		36-49	Rot.gobo2	
		50-63	Rot.gobo3	
		64-77	Rot.gobo4	
		78-91	Rot.gobo5	
		92-105	Rot.gobo6	
17	25	106-119	Gobo 1 shake slow to fast	
		120-133	Gobo 2 shake slow to fast	
		134-147	Gobo 3 shake slow to fast	
		148-161	Gobo 4 shake slow to fast	
		162-175	Gobo 5 shake slow to fast	
		176-189	Gobo 6 shake slow to fast	
		190-221	Gobo wheel rotation forwards from fast to slow	
		222-223	No rotation	
		224-225	Gobo wheel rotation backwards from slow to fast	
			<b>Rotating gobo index,rotating gobo rotation 1:</b>	
18	26	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	
	27		<b>Rotating gobo indexing Fine 1:</b>	
		0-255	Fine indexing	

19	28		<b>Fixed Gobo 2:</b>	
		0-13	Open	
		14-24	Gobo 1	
		25-35	Gobo 2	
		36-46	Gobo 3	
		47-57	Gobo 4	
		58-68	Gobo 5	
		69-79	Gobo 6	
		80-90	Gobo 7	
		91-101	Gobo 8	
		102-112	Gobo 1 shake slow to fast	
		113-123	Gobo 2 shake slow to fast	
		124-134	Gobo 3 shake slow to fast	
		135-145	Gobo 4 shake slow to fast	
		146-156	Gobo 5 shake slow to fast	
		157-167	Gobo 6 shake slow to fast	
		168-178	Gobo 7 shake slow to fast	
		179-189	Gobo 8 shake slow to fast	
190-221	Gobo wheel rotation forwards from fast to slow			
222-223	No rotation			
224-255	Gobo wheel rotation backwards from slow to fast			
20	29		<b>Animation wheel:</b>	
		0-127	Animation indexing	
		128-189	Forwards rotation from fast to slow	
		190-193	No rotation	
		194-255	Backwards rotation from slow to fast	
21	30		<b>Iris:</b>	
		0-255	Max.diameter to Min.diameter	
	31		<b>Iris Fine:</b>	
		0-255	Iris Fine	
22	32		<b>Prism:</b>	
		0-127	Open	
		128-255	Prism	
23	33		<b>Rotating prism index,rotating prism rotation</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	
	34		<b>Rotating prism indexing Fine:</b>	
		0-255	Fine indexing	
24	35		<b>Frost:</b>	
		0-127	Open	
		128-255	Frost	
25	36		<b>Blade 1A:</b>	
		0-255	Open to Close	
	37		<b>Blade 1A Fine:</b>	
		0-255	Open to Close Fine	
26	38		<b>Blade 1B:</b>	
		0-255	Blade 1 Rotation	
	39		<b>Blade 1B Fine:</b>	
		0-255	Blade 1 Rotation Fine	
27	40		<b>Blade 2A:</b>	
		0-255	Open to Close	

	41		<b>Blade 2A Fine:</b>	
		0-255	Open to Close	
28	42		<b>Blade 2B:</b>	
		0-255	Blade 2 Rotation	
	43		<b>Blade 2B Fine:</b>	
		0-255	Blade 2 Rotation Fine	
29	44		<b>Blade 3A:</b>	
		0-255	Open to Close	
	45		<b>Blade 3A Fine:</b>	
		0-255	Open to Close	
30	46		<b>Blade 3B:</b>	
		0-255	Blade 3 Rotation	
	47		<b>Blade 3B Fine:</b>	
		0-255	Blade 3 Rotation Fine	
31	48		<b>Blade 4A:</b>	
		0-255	Open to Close	
	49		<b>Blade 4A Fine:</b>	
		0-255	Open to Close	
32	50		<b>Blade 4B:</b>	
		0-255	Blade 4 Rotation	
	51		<b>Blade 4B Fine:</b>	
		0-255	Blade 4 Rotation Fine	
33	52		<b>All Blade Rotation:</b>	
		0-255	All Blade Rotation	
	53		<b>All Blade Rotation Fine:</b>	
		0-255	All Blade Rotation Fine	
34	54		<b>Reset、LCD、Fans</b>	
		0-9	unused	
		10-19	Display O□	
		20-29	Display On	
		30-39	Display InvertO□	
		40-49	Display InvertOn	
		50-59	Auto fan control mode	
		60-69	High fan control mode	
		70-79	Silent fan control mode	
		80-89	Square Law	
		90-99	Linear	
		100-109	unused	
		110-119	unused	
		120-129	unused	
		130-139	unused	
		140-149	unused	
		150-159	All motor reset	
		160-169	Scan motor reset	
		170-179	Colors motor reset	
		180-189	Gobo motor reset	
190-199	Other motor reset			
	200-255	unused		