

## DMX CHANNELS

Standard (19 CH)	Extended (24 CH)	Function	Values	Description
1	1	Pan	000 – 255	Pan movement
	2	Pan fine	000 – 255	Pan fine movement
2	3	Tilt	000 – 255	Tilt movement
	4	Tilt fine	000 – 255	Tilt fine movement
3	5	Dimmer	000 – 255	Dimmer 0 – 100%
4	6	Dimmer fine	000 – 255	Dimmer fine
5	7	Strobe	000 – 031	Shutter closed
			032 – 063	Shutter open
			064 – 095	Strobe from slow to fast
			096 – 127	Shutter open
			128 – 159	Pulse OUT effect from slow to fast
			160 – 191	Shutter open
			192 – 223	Random strobe from slow to fast
			224 – 255	Shutter open
6	8	Color wheel	000 – 005	Open
			006 – 118	Indexing color
			119 – 120	Open
			121 – 125	Deep red
			126 – 130	Blue
			131 – 135	Yellow
			136 – 145	Magenta
			146 – 150	Green
			151 – 155	Lavender
			156 – 160	Light cyan
			161 – 165	Orange
			166 – 170	Mint
			171 – 175	Pink
			176 – 180	Amber
			181 – 185	CTO 3200K
			186 – 190	Deep blue
			191 – 192	Open
			193 – 223	Counter clockwise rotation from slow to fast
			224	Rotation stop
			225 – 255	Clockwise rotation from fast to slow
7	9	Color wheel fine	000 – 255	Color fine adjustment
8	10	Gobo wheel 1 (Only spot mode)	000 – 002	Beam mode
			003 – 005	Spot mode
			006 – 015	Gobo 1
			016 – 025	Gobo 2
			026 – 035	Gobo 3
			036 – 045	Gobo 4
			046 – 055	Gobo 5
			056 – 065	Gobo 6
			066 – 075	Gobo 7
			076 – 085	Gobo 8
			086 – 095	Gobo 9
			096 – 105	Gobo 1 shake from slow to fast
			106 – 115	Gobo 2 shake from slow to fast
			116 – 125	Gobo 3 shake from slow to fast
			126 – 135	Gobo 4 shake from slow to fast

			136 – 145	Gobo 5 shake from slow to fast
			146 – 155	Gobo 6 shake from slow to fast
			156 – 165	Gobo 7 shake from slow to fast
			166 – 175	Gobo 8 shake from slow to fast
			176 – 190	Gobo 9 shake from slow to fast
			191 – 192	Open
			193 – 223	Counter clockwise rotation from slow to fast
			224	Rotation stop
			225 – 255	Clockwise rotation from fast to slow
9	11	Gobo 1 rotation	000 – 005	No rotation
			006 – 128	Gobo index from 0 to 540°
			129 – 191	Counter clockwise rotation from slow to fast
			192	Rotation stop
			193 – 255	Clockwise rotation from fast to slow
10	12	Gobo 1 rotation fine	000 – 255	Gobo indexing fine
11	13	Gobo wheel 2 (beam and spot mode)	000 – 005	Open
			006 – 011	Gobo 1
			012 – 017	Gobo 2
			018 – 023	Gobo 3
			024 – 029	Gobo 4
			030 – 035	Gobo 5
			036 – 041	Gobo 6
			042 – 047	Gobo 7
			048 – 053	Gobo 8
			054 – 059	Gobo 9
			060 – 065	Gobo 10
			066 – 071	Gobo 11
			072 – 077	Gobo 12
			078 – 083	Gobo 13
			084 – 095	Open
			096 – 101	Gobo 1 shake from slow to fast
			102 – 107	Gobo 2 shake from slow to fast
			108 – 113	Gobo 3 shake from slow to fast
			114 – 119	Gobo 4 shake from slow to fast
			120 – 125	Gobo 5 shake from slow to fast
			126 – 131	Gobo 6 shake from slow to fast
			132 – 137	Gobo 7 shake from slow to fast
			138 – 143	Gobo 8 shake from slow to fast
			144 – 149	Gobo 9 shake from slow to fast
			150 – 155	Gobo 10 shake from slow to fast
			156 – 161	Gobo 11 shake from slow to fast
			162 – 167	Gobo 12 shake from slow to fast
			168 – 173	Gobo 13 shake from slow to fast
			174 – 192	Open
			193 – 223	Clockwise rotation from slow to fast
			224	Rotation stop
			225 – 255	Counter clockwise rotation from fast to slow
12	14	Zoom	000 – 255	Zoom from narrow to wide
	15	Zoom fine	000 – 255	Zoom fine
13	16	Focus	000 – 255	Focus
	17	Focus fine	000 – 255	Focus fine
14	18	Prism 1	000 – 005	No prism

			006 – 255	Prism 1 on
15	19	Prism 1 rotation	000 – 005	No rotation
			006 – 128	Prism 1 index from 0 to 540°
			129 – 191	Clockwise rotation from slow to fast
			192	Rotation stop
			193 – 255	Counter clockwise rotation from fast to slow
16	20	Prism 2	000 – 005	No prism
			006 – 255	Prism 2 on
17	21	Prism 2 rotation	000 – 005	No rotation
			006 – 128	Prism 2 index from 0 to 540°
			129 – 191	Clockwise rotation from slow to fast
			192	Rotation stop
			193 – 255	Counter clockwise rotation from fast to slow
18	22	Frost	000 – 255	Frost from 0 to 100%
	23	Pan / Tilt speed	000 – 255	Pan / Tilt speed from fast to slow
19	24	Control	000 – 001	No function
			002 – 003	OFF display backlight
			004 – 005	ON display backlight
			006 – 035	No function
			036 – 050	Lamp ON (hold 3 seconds)
			051 – 065	Lamp OFF (hold 3 seconds)
			066 – 080	Invert Pan ON (hold 3 seconds)
			081 – 095	Invert Pan OFF (hold 3 seconds)
			096 – 110	Invert Tilt ON (hold 3 seconds)
			111 – 125	Invert Tilt OFF (hold 3 seconds)
			126 – 200	No function
			201 – 215	Reset Pan / Tilt (hold 3 seconds)
			216 – 230	Reset Other (hold 3 seconds)
231 – 255	Reset All (hold 3 seconds)			