

DMX Values

Dmx Mode 32 CH

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇄ 255	0–100%
2	Pan fine	000 ⇄ 255	Fine control (16-bit)
3	Tilt	000 ⇄ 255	0–100%
4	Tilt fine	000 ⇄ 255	Fine control (16-bit)
5	Pan/tilt speed	000 ⇄ 255	Fast to slow
6	Dimmer	000 ⇄ 255	0–100%
7	Dimmer fine	000 ⇄ 255	Fine control (16-bit)
8	Strobe	000 ⇄ 003	Off
		004 ⇄ 007	On
		008 ⇄ 076	Synchronized strobe, slow to fast
		077 ⇄ 145	Pulse strobe, slow to fast
		146 ⇄ 215	Random strobe, slow to fast
		216 ⇄ 255	Off
9	Virtual strobe	000 ⇄ 001	No function
		002 ⇄ 128	Shaking effect, slow to fast
		129 ⇄ 255	Fading effect, slow to fast
10	Cyan	000 ⇄ 255	0–100%
11	Magenta	000 ⇄ 255	0–100%
12	Yellow	000 ⇄ 255	0–100%
13	CTO	000 ⇄ 255	0–100%
14	Color wheel	000 ⇄ 006	Open
		007 ⇄ 013	Red
		014 ⇄ 020	Orange
		021 ⇄ 027	Green
		028 ⇄ 034	Magenta
		035 ⇄ 041	UV
		042 ⇄ 048	CRI
		049 ⇄ 059	CTB
		060 ⇄ 187	Color wheel index
		188 ⇄ 219	Reverse color scroll, fast to slow
		220 ⇄ 223	Stop
		224 ⇄ 255	Color scroll, slow to fast
15	Rotating gobo wheel (see Gobo Designs)	000 ⇄ 007	Open
		008 ⇄ 015	Gobo 1 (sail boats)
		016 ⇄ 023	Gobo 2 (radial dot)
		024 ⇄ 031	Gobo 3 (bar)
		032 ⇄ 039	Gobo 4 (bolts)
		040 ⇄ 047	Gobo 5 (shower glass)
		048 ⇄ 055	Gobo 6 (ballistic clouds)
		056 ⇄ 063	Gobo 7 (four eyes)
		064 ⇄ 071	Gobo 7 shaking
		072 ⇄ 079	Gobo 6 shaking
		080 ⇄ 087	Gobo 5 shaking
		088 ⇄ 095	Gobo 4 shaking
		096 ⇄ 103	Gobo 3 shaking
		104 ⇄ 111	Gobo 2 shaking
		112 ⇄ 119	Gobo 1 shaking
		120 ⇄ 127	Open
		128 ⇄ 191	Gobo scroll, slow to fast
		192 ⇄ 255	Reverse gobo scroll, slow to fast

Channel	Function	Value	Percent/Setting
16	Gobo rotation	000 ⇔ 063	Gobo index
		064 ⇔ 145	Gobo rotation, fast to slow
		146 ⇔ 149	Stop
		150 ⇔ 231	Reverse gobo rotation, slow to fast
		232 ⇔ 255	Bounce effect, short to long
17	Gobo rotation fine	000 ⇔ 255	Fine control (16-bit)
18	Static gobo wheel (see Gobo Designs)	000 ⇔ 005	Open
		006 ⇔ 011	Gobo 1 (beam)
		012 ⇔ 017	Gobo 2 (bars)
		018 ⇔ 023	Gobo 3 (circles)
		024 ⇔ 029	Gobo 4 (breakup)
		030 ⇔ 035	Gobo 5 (dots)
		036 ⇔ 041	Gobo 6 (circuits)
		042 ⇔ 047	Gobo 7 (triangles)
		048 ⇔ 053	Gobo 8 (forest)
		054 ⇔ 063	Gobo 9 (rainbows)
		064 ⇔ 069	Gobo 9 shaking
		070 ⇔ 075	Gobo 8 shaking
		076 ⇔ 081	Gobo 7 shaking
		082 ⇔ 087	Gobo 6 shaking
		088 ⇔ 093	Gobo 5 shaking
		094 ⇔ 099	Gobo 4 shaking
		100 ⇔ 105	Gobo 3 shaking
		106 ⇔ 111	Gobo 2 shaking
112 ⇔ 117	Gobo 1 shaking		
118 ⇔ 127	Open		
128 ⇔ 191	Gobo scroll, slow to fast		
192 ⇔ 255	Reverse gobo scroll, slow to fast		
19	Animation wheel	000 ⇔ 255	Animation effect, 0–100%
20	Animation wheel rotation	000 ⇔ 124	Animation wheel rotation, fast to slow
		125 ⇔ 130	Stop
		131 ⇔ 255	Reverse animation wheel rotation, slow to fast
21	Focus	000 ⇔ 255	0–100%
22	Focus fine	000 ⇔ 255	Fine control (16-bit)
23	Auto focus	000 ⇔ 010	No function
		011 ⇔ 030	0–5 m
		031 ⇔ 050	6 m
		051 ⇔ 070	7 m
		071 ⇔ 090	8 m
		091 ⇔ 110	9 m
		111 ⇔ 130	10 m
		131 ⇔ 150	12.5 m
		151 ⇔ 170	15 m
		171 ⇔ 190	17.5 m
		191 ⇔ 210	20–60 m
211 ⇔ 255	Auto-detect distance		
24	Zoom	000 ⇔ 255	0–100%
25	Zoom fine	000 ⇔ 255	Fine control (16-bit)
26	Prism	000 ⇔ 004	No function
		005 ⇔ 255	Prism effect
27	Prism rotation	000 ⇔ 127	Prism index
		128 ⇔ 189	Prism rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Reverse prism rotation, slow to fast

Channel	Function	Value	Percent/Setting
28	Iris	000 ⇔ 063	Big to small
		064 ⇔ 127	Auto change, slow to fast
		128 ⇔ 191	Slow expand, fast shrink (slow to fast)
		192 ⇔ 255	Slow shrink, fast expand (slow to fast)
29	Frost	000 ⇔ 255	0–100%
30	CMY macro	000 ⇔ 009	No function
		010 ⇔ 255	CMY macro
31	CMY macro speed	000 ⇔ 255	CMY macro speed, fast to slow
32	Control	000 ⇔ 007	No function
		008 ⇔ 015	Pan tilt blackout
		016 ⇔ 023	Color blackout
		024 ⇔ 031	Gobo blackout
		032 ⇔ 039	Pan tilt/color blackout
		040 ⇔ 047	Pan tilt/gobo blackout
		048 ⇔ 055	Pan tilt/color/gobo blackout
		056 ⇔ 095	No function
		096 ⇔ 103	Pan reset
		104 ⇔ 111	Tilt reset
		112 ⇔ 119	Color reset
		120 ⇔ 127	Gobo reset
		128 ⇔ 135	No function
		136 ⇔ 143	Prism reset
		144 ⇔ 151	No function
		152 ⇔ 159	All reset
		160 ⇔ 167	Iris reset
		168 ⇔ 175	Frost reset
		176 ⇔ 183	Zoom reset
		184 ⇔ 191	CMY reset
		192 ⇔ 199	Fan ECO
		200 ⇔ 207	Fan full
		208 ⇔ 215	Fan auto
		216 ⇔ 220	No function
		221 ⇔ 225	Iris fast mode
		226 ⇔ 230	Iris smooth mode
		231 ⇔ 235	Pan tilt swap on
		236 ⇔ 240	Pan tilt swap off
		241 ⇔ 245	MinZoomFocu on
		246 ⇔ 250	MinZoomFocu off
		251 ⇔ 255	No function

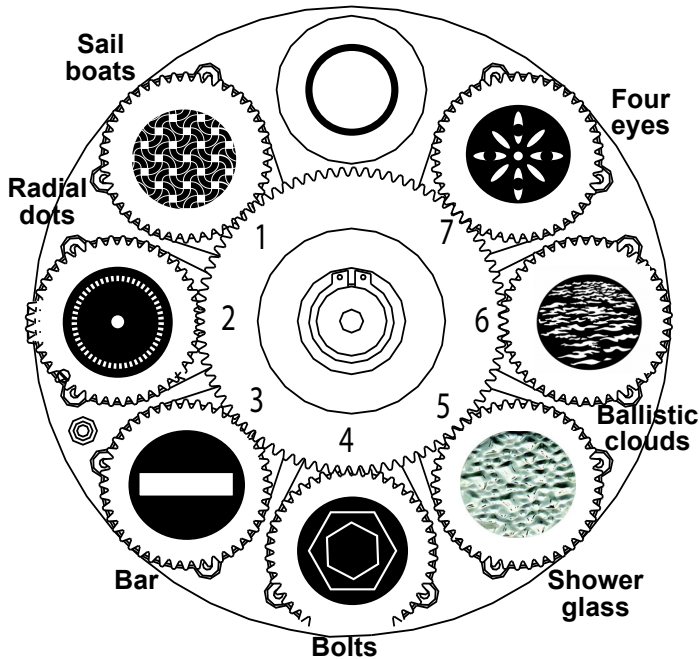
Dmx Mode 25 CH

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2	Pan fine	000 ⇄ 255	Fine control (16-bit)
3	Tilt	000 ⇄ 255	0–100%
4	Tilt fine	000 ⇄ 255	Fine control (16-bit)
5	Pan/tilt speed	000 ⇄ 255	Fast to slow
6	Dimmer	000 ⇄ 255	0–100%
7	Strobe	000 ⇄ 003	Off
		004 ⇄ 007	On
		008 ⇄ 076	Synchronized strobe, slow to fast
		077 ⇄ 145	Pulse strobe, slow to fast
		146 ⇄ 215	Random strobe, slow to fast
		216 ⇄ 255	Off
8	Virtual strobe	000 ⇄ 001	No function
		002 ⇄ 128	Shaking effect, slow to fast
		129 ⇄ 255	Fading effect, slow to fast
9	Cyan	000 ⇄ 255	0–100%
10	Magenta	000 ⇄ 255	0–100%
11	Yellow	000 ⇄ 255	0–100%
12	CTO	000 ⇄ 255	0–100%
13	Color wheel	000 ⇄ 006	Open
		007 ⇄ 013	Red
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		008 ⇄ 015	Gobo 1 (sail boats)
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		096 ⇄ 103	Gobo 3 shaking
		104 ⇄ 111	Gobo 2 shaking
		112 ⇄ 119	Gobo 1 shaking
		120 ⇄ 127	Open
		128 ⇄ 191	Gobo scroll, slow to fast
		192 ⇄ 255	Reverse gobo scroll, slow to fast
15	Gobo rotation	000 ⇄ 063	Gobo index
		064 ⇄ 145	Gobo rotation, fast to slow
		146 ⇄ 149	Stop
		150 ⇄ 231	Reverse gobo rotation, slow to fast
		232 ⇄ 255	Bounce effect, short to long

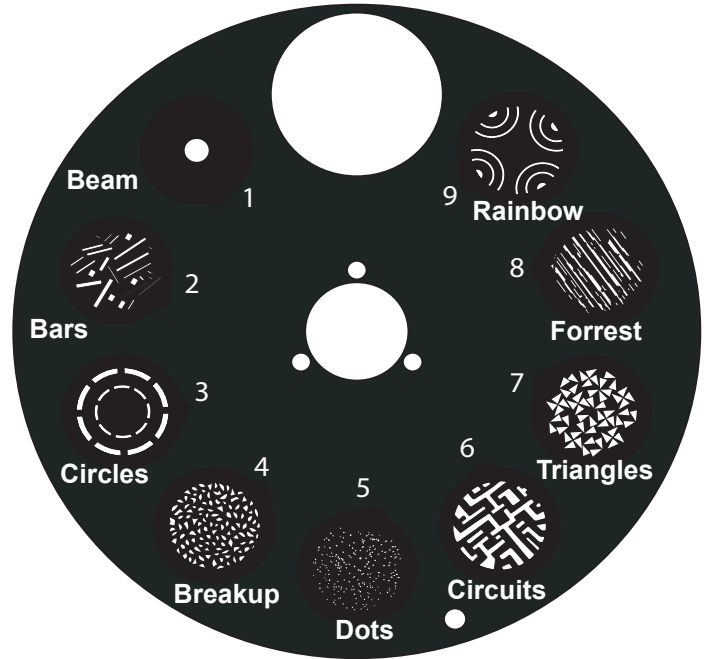
Channel	Function	Value	Percent/Setting
16	Static gobo wheel (see Gobo Designs)	000 ⇄ 005	Open
		006 ⇄ 011	Gobo 1 (beam)
		012 ⇄ 017	Gobo 2 (bars)
		018 ⇄ 023	Gobo 3 (circles)
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		106 ⇄ 111	Gobo 2 shaking
		112 ⇄ 117	Gobo 1 shaking
		118 ⇄ 127	Open
128 ⇄ 191	Gobo scroll, slow to fast		
192 ⇄ 255	Reverse gobo scroll, slow to fast		
17	Animation wheel	000 ⇄ 255	Animation effect, 0–100%
18	Animation wheel rotation	000 ⇄ 124	Animation wheel rotation, fast to slow
		125 ⇄ 130	Stop
		131 ⇄ 255	Reverse animation wheel rotation, slow to fast
19	Focus	000 ⇄ 255	0–100%
20	Zoom	000 ⇄ 255	0–100%
21	Prism	000 ⇄ 004	No function
		005 ⇄ 255	Prism effect
22	Prism rotation	000 ⇄ 127	Prism index
		128 ⇄ 189	Prism rotation, fast to slow
		190 ⇄ 193	Stop
		194 ⇄ 255	Reverse prism rotation, slow to fast
23	Iris	000 ⇄ 063	Big to small
		064 ⇄ 127	Auto change, slow to fast
		128 ⇄ 191	Slow expand, fast shrink (slow to fast)
		192 ⇄ 255	Slow shrink, fast expand (slow to fast)
24	Frost	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
25	Control	000 ⇄ 007	No function
		008 ⇄ 015	Pan tilt blackout
		016 ⇄ 023	Color blackout
		024 ⇄ 031	Gobo blackout
		032 ⇄ 039	Pan tilt/color blackout
		040 ⇄ 047	Pan tilt/gobo blackout
		048 ⇄ 055	Pan tilt/color/gobo blackout
		056 ⇄ 095	No function
		096 ⇄ 103	Pan reset
		104 ⇄ 111	Tilt reset
		112 ⇄ 119	Color reset
		120 ⇄ 127	Gobo reset
		128 ⇄ 135	No function
		136 ⇄ 143	Prism reset
		144 ⇄ 151	No function
		152 ⇄ 159	All reset
		160 ⇄ 167	Iris reset
		168 ⇄ 175	Frost reset
		176 ⇄ 183	Zoom reset
		184 ⇄ 191	CMY reset
		192 ⇄ 199	Fan ECO
		200 ⇄ 207	Fan full
		208 ⇄ 215	Fan auto
		216 ⇄ 220	No function
		221 ⇄ 225	Iris fast mode
		226 ⇄ 230	Iris smooth mode
		231 ⇄ 235	Pan tilt swap on
		236 ⇄ 240	Pan tilt swap off
241 ⇄ 245	MinZoomFocu on		
246 ⇄ 250	MinZoomFocu off		
251 ⇄ 255	No function		

Gobo Designs



Rotating gobo wheel



Static gobo wheel