DMX Values

Dmx Mode 39 CH

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Fine Pan	000 ⇔ 255	Fine control (16-bit)
3	Tilt	000 ⇔ 255	0–100%
4	Fine Tilt	000 ⇔ 255	Fine control (16-bit)
5	Pan/Tilt Speed	000 ⇔ 255	0–100%
6	Dimmer	000 ⇔ 255	0–100%
7	Fine Dimmer	000 ⇔ 255	Fine control (16-bit)
8	Strobe	000 ⇔ 003 004 ⇔ 007 008 ⇔ 076 077 ⇔ 145 146 ⇔ 215 216 ⇔ 255	Closed Open Slow to fast Pulse effect from slow to fast Random effect from slow to fast Closed
9	Virtual Strobe	000 ⇔ 001 002 ⇔ 128 129 ⇔ 255	No function Shaking strobe, slow to fast Fade in/out, 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 ⇔ 007 008 ⇔ 015 016 ⇔ 023 024 ⇔ 031 032 ⇔ 039 040 ⇔ 047 048 ⇔ 059 060 ⇔ 064 065 ⇔ 187 188 ⇔ 219 220 ⇔ 223 224 ⇔ 255	Open Red Orange Green Yellow Blue UV CTO Split colors Clockwise color scroll, fast to slow Stop Counter-clockwise color scroll, slow to fast
15	Rotating Gobo Wheel 1	000 ⇔ 007 008 ⇔ 015 016 ⇔ 023 024 ⇔ 031 032 ⇔ 039 040 ⇔ 047 048 ⇔ 055 056 ⇔ 063 064 ⇔ 071 072 ⇔ 079 080 ⇔ 087 088 ⇔ 095 096 ⇔ 103 104 ⇔ 111 112 ⇔ 119 120 ⇔ 127 128 ⇔ 191 192 ⇔ 255	Open Gobo 1 (Sailboats) Gobo 2 (Radial Dot) Gobo 3 (Mower Blade) Gobo 4 (Bolts) Gobo 5 (Shower Glass) Gobo 6 (Ballistic Clouds) Gobo 7 (4 Eyes) Gobo 7 Shaking Gobo 6 Shaking Gobo 5 Shaking Gobo 4 Shaking Gobo 3 Shaking Gobo 2 Shaking Gobo 1 Shaking Open Clockwise gobo scroll, slow to fast Counter-clockwise gobo scroll, slow to fast
16	Gobo 1 Rotating	000 ⇔ 063 064 ⇔ 145 146 ⇔ 151 152 ⇔ 231 232 ⇔ 255	Rotating gobo index Clockwise rotating, fast to slow Stop Counter-clockwise rotating, slow to fast Bounce effect
17	Fine Gobo Wheel 1 Index	000 ⇔ 255	Fine control (16-bit)

Channel	Function	Value	Percent/Setting
18	Static Gobo Wheel 2	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	Clockwise gobo scroll, slow to fast
		192 ⇔ 255	Counter-clockwise gobo scroll, slow to fast
19	Rotating Gobo Wheel 3	000 ⇔ 007	Open
		008 ⇔ 015	Gobo 1 (Spiral)
		016 ⇔ 023	Gobo 2 (Abstracts)
		024 ⇔ 031	Gobo 3 (Brick Wall)
		032 ⇔ 039	Gobo 4 (Chess)
		040 ⇔ 047	Gobo 5 (Granny Sue)
		048 ⇔ 055	Gobo 6 (Color Weave)
		056 ⇔ 063	Gobo 7 (Indigo Square Breakup)
		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	Clockwise gobo scroll, slow to fast
		192 ⇔ 255	Counter-clockwise gobo scroll, slow to fast
20	Gobo 3 Rotating	000 ⇔ 063	Rotating gobo index
		064 ⇔ 145	Clockwise rotating, fast to slow
		146 ⇔ 151	Stop
		152 ⇔ 231	Counter-clockwise rotating, slow to fast
		232 ⇔ 255	Bounce effect
21	Fine Gobo Wheel 3 Index	000 ⇔ 255	Fine control (16-bit)
22	Animation Wheel	000 ⇔ 255	Animation effect
23	Animation Wheel Rotating	000 ⇔ 124	Clockwise rotating, fast to slow
		125 ⇔ 130	Stop
		131 ⇔ 255	Counter-clockwise rotating, slow to fast
24	Focus	000 ⇔ 255	0–100%
25	Fine Focus	000 ⇔ 255	Fine control (16-bit)
26	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

Channel	Function	Value	Percent/Setting
27	**Zoom**	000 ⇔ 255	0–100%
28	**Fine Zoom**	000 ⇔ 255	Fine control (16-bit)
29	**Prism**	000 ⇔ 004 005 ⇔ 255	No function Prism Effect
30	**Prism Rotating**	000 ⇔ 127 128 ⇔ 189 190 ⇔ 193 194 ⇔ 255	Rotating position Clockwise rotating, fast to slow Stop Counter-clockwise rotating, slow to fast
31	**Prism 2**	000 ⇔ 004 005 ⇔ 255	No function Prism Effect
32	**Prism Rotating 2**	000 ⇔ 127 128 ⇔ 189 190 ⇔ 193 194 ⇔ 255	Rotating position Clockwise rotating, fast to slow Stop Counter-clockwise rotating, slow to fast
33	**Iris**	000 ⇔ 063 064 ⇔ 127 128 ⇔ 191 192 ⇔ 255	0–100% Auto change, slow to fast Slow zoom out, fast zoom in (slow to fast) Slow zoom in, fast zoom out (slow to fast)
34	**Frost 1**	000 ⇔ 255	0–100%
35	**Frost 2**	000 ⇔ 255	0–100%
36	**CRI Filter**	000 ⇔ 004 005 ⇔ 255	No function CRI filter
37	**CMY Macro**	000 ⇔ 009 010 ⇔ 255	No function CMY macro
38	**CMY Macro Speed**	000 ⇔ 255	100%–0
39	**Control**	000 ⇔ 007 008 ⇔ 015 016 ⇔ 023 024 ⇔ 031 032 ⇔ 039 040 ⇔ 047 048 ⇔ 055 056 ⇔ 095 096 ⇔ 103 104 ⇔ 111 112 ⇔ 119 120 ⇔ 127 128 ⇔ 135 136 ⇔ 143 144 ⇔ 151 152 ⇔ 159 160 ⇔ 167 168 ⇔ 175 176 ⇔ 183 184 ⇔ 191 192 ⇔ 199 200 ⇔ 207 208 ⇔ 215 216 ⇔ 220 221 ⇔ 225 226 ⇔ 230 231 ⇔ 235 236 ⇔ 240 241 ⇔ 245 246 ⇔ 250 251 ⇔ 255	No function Pan/tilt blackout Color blackout Gobo blackout Pan/tilt/color blackout Pan/tilt/gobo blackout Pan/tilt/color/gobo blackout No function Pan reset Tilt reset Color reset Gobo reset No function Prism reset No function All reset Iris reset Frost reset Zoom reset CMY reset Fan low speed (eco) Fan full speed Fan auto No function Iris fast mode Iris smooth mode Pan/tilt swap on Pan/tilt swap off No function Pan/tilt smooth mode Pan/tilt fast mode

Dmx Mode 31 CH

Channel	Function	Value	Percent/Setting
1	**Pan**	000 ⇔ 255	0–100%
2	**Fine Pan**	000 ⇔ 255	Fine control (16-bit)
3	**Tilt**	000 ⇔ 255	0–100%
4	**Fine Tilt**	000 ⇔ 255	Fine control (16-bit)
5	**Pan/Tilt Speed**	000 ⇔ 255	0–100%
6	**Dimmer**	000 ⇔ 255	0–100%
7	**Strobe**	000 ⇔ 003 004 ⇔ 007 008 ⇔ 076 077 ⇔ 145 146 ⇔ 215 216 ⇔ 255	Closed Open Slow to fast Pulse effect from slow to fast Random effect from slow to fast Closed
8	**Virtual Strobe**	000 ⇔ 001 002 ⇔ 128 129 ⇔ 255	No function Shaking strobe, slow to fast Fade in/out, 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 ⇔ 007 008 ⇔ 015 016 ⇔ 023 024 ⇔ 031 032 ⇔ 039 040 ⇔ 047 048 ⇔ 059 060 ⇔ 064 065 ⇔ 187 188 ⇔ 219 220 ⇔ 223 224 ⇔ 255	Open Red Orange Green Yellow Blue UV CTO Split colors Clockwise color scroll, fast to slow Stop Counter-clockwise color scroll, slow to fast
14	**Rotating Gobo Wheel 1**	000 ⇔ 007 008 ⇔ 015 016 ⇔ 023 024 ⇔ 031 032 ⇔ 039 040 ⇔ 047 048 ⇔ 055 056 ⇔ 063 064 ⇔ 071 072 ⇔ 079 080 ⇔ 087 088 ⇔ 095 096 ⇔ 103 104 ⇔ 111 112 ⇔ 119 120 ⇔ 127 128 ⇔ 191 192 ⇔ 255	Open Gobo 1 (Sailboats) Gobo 2 (Radial Dot) Gobo 3 (Mower Blade) Gobo 4 (Bolts) Gobo 5 (Shower Glass) Gobo 6 (Ballistic Clouds) Gobo 7 (4 Eyes) Gobo 7 Shaking Gobo 6 Shaking Gobo 5 Shaking Gobo 4 Shaking Gobo 3 Shaking Gobo 2 Shaking Gobo 1 Shaking Open Clockwise gobo scroll, slow to fast Counter-clockwise gobo scroll, slow to fast
15	**Gobo 1 Rotating**	000 ⇔ 063 064 ⇔ 145 146 ⇔ 149 150 ⇔ 231 232 ⇔ 255	Rotating gobo index Clockwise rotating, fast to slow Stop Counter-clockwise rotating, slow to fast Bounce effect

Channel	Function	Value	Percent/Setting
16	Static Gobo Wheel 2	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	Clockwise gobo scroll, slow to fast
		192 ⇔ 255	Counter-clockwise gobo scroll, slow to fast
17	Rotating Gobo Wheel 3	000 ⇔ 007	Open
		008 ⇔ 015	Gobo 1 (Spiral)
		016 ⇔ 023	Gobo 2 (Abstracts)
		024 ⇔ 031	Gobo 3 (Brick Wall)
		032 ⇔ 039	Gobo 4 (Chess)
		040 ⇔ 047	Gobo 5 (Granny Sue)
		048 ⇔ 055	Gobo 6 (Color Weave)
		056 ⇔ 063	Gobo 7 (Indigo Square Breakup)
		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	Clockwise gobo scroll, slow to fast
		192 ⇔ 255	Counter-clockwise gobo scroll, slow to fast
18	Gobo 3 Rotating	000 ⇔ 063	Rotating gobo index
		064 ⇔ 145	Clockwise rotating, fast to slow
		146 ⇔ 149	Stop
		150 ⇔ 231	Counter-clockwise rotating, slow to fast
		232 ⇔ 255	Bounce effect
19	Animation Wheel	000 ⇔ 255	Animation effect
20	Animation Wheel Rotating	000 ⇔ 124	Clockwise rotating, fast to slow
		125 ⇔ 130	Stop
		131 ⇔ 255	Counter-clockwise rotating, slow to fast
21	Focus	000 ⇔ 255	0–100%
22	Zoom	000 ⇔ 255	0–100%
23	Prism	000 ⇔ 004	No function
		005 ⇔ 255	Prism Effect
24	Prism Rotating	000 ⇔ 127	Rotating position
		128 ⇔ 189	Clockwise rotating, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Counter-clockwise rotating, slow to fast
25	Prism 2	000 ⇔ 004	No function
		005 ⇔ 255	Prism Effect
26	Prism Rotating 2	000 ⇔ 127	Rotating position
		128 ⇔ 189	Clockwise rotating, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Counter-clockwise rotating, slow to fast

Channel	Function	Value	Percent/Setting
27	**Iris**	000 ⇔ 063	0–100%
		064 ⇔ 127	Auto change, slow to fast
		128 ⇔ 191	Slow zoom out, fast zoom in (slow to fast)
		192 ⇔ 255	Slow zoom in, fast zoom out (slow to fast)
28	**Frost 1**	000 ⇔ 255	0–100%
29	**Frost 2**	000 ⇔ 255	0–100%
30	**CRI Filter**	000 ⇔ 004	No function
		005 ⇔ 255	CRI filter
31	**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 low speed (eco)
		200 ⇔ 207	Fan full speed
		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	No function
		246 ⇔ 250	Pan/tilt smooth mode
		251 ⇔ 255	Pan/tilt fast mode