

## DMX Values

32CH	Channel	Function	Value	Percent/Settings
	1	Pan	000 ⇄ 255	0–100%
	2	Fine Pan	000 ⇄ 255	0–100%
	3	Tilt	000 ⇄ 255	0–100%
	4	Fine Tilt	000 ⇄ 255	0–100%
	5	Pan/Tilt Speed	000 ⇄ 255	0–100%
	6	Dimmer	000 ⇄ 255	0–100%
	7	Fine Dimmer	000 ⇄ 255	0–100%
	8	Shutter	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 Open
	9	Virtual Shutter	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 ⇄ 006 007 ⇄ 013 014 ⇄ 020 021 ⇄ 027 028 ⇄ 034 035 ⇄ 041 042 ⇄ 047 048 ⇄ 059 060 ⇄ 187 188 ⇄ 219 220 ⇄ 223 224 ⇄ 255	Open Red Orange Green Blue Magenta Yellow UV Split colors Clockwise color scroll, fast to slow Stop Counter-clockwise color scroll, slow to fast
	15	Gobo Wheel 1 [Gobo Designs]	000 ⇄ 008 009 ⇄ 017 018 ⇄ 026 027 ⇄ 035 036 ⇄ 044 045 ⇄ 053 054 ⇄ 063 064 ⇄ 073 074 ⇄ 082 083 ⇄ 091 092 ⇄ 100 101 ⇄ 109 110 ⇄ 118 119 ⇄ 127 128 ⇄ 191 192 ⇄ 255	Open Gobo 1 (circuits) Gobo 2 (ring of rings) Gobo 3 (checker vortex) Gobo 4 (triangle) Gobo 5 (star field) Gobo 6 (lenticular glass) Gobo 6 Shaking Gobo 5 Shaking Gobo 4 Shaking Gobo 3 Shaking Gobo 2 Shaking Gobo 1 Shaking Open Clockwise gobo scroll, fast to slow Counter-clockwise gobo scroll, slow to fast
	16	Gobo Rotating 1	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

32CH	Channel	Function	Value	Percent/Settings
	17	Gobo Wheel 1 Index Fine	000⇔255	0–100%
	18	Gobo Wheel 2 [Gobo Designs]	000⇔008 009⇔017 018⇔026 027⇔035 036⇔044 045⇔053 054⇔063 064⇔073 074⇔082 083⇔091 092⇔100 101⇔109 110⇔118 119⇔127 128⇔191 192⇔255	Open Gobo 1 (spiral) Gobo 2 (dot chiclets) Gobo 3 (splat breakup) Gobo 4 (wavy bar) Gobo 5 (shower glass) Gobo 6 (lenticular glass) Gobo 6 Shaking Gobo 5 Shaking Gobo 4 Shaking Gobo 3 Shaking Gobo 2 Shaking Gobo 1 Shaking Open Clockwise gobo scroll, fast to slow Counter-clockwise gobo scroll, slow to fast
	19	Gobo Rotating 2	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
	20	Gobo Wheel 2 Index Fine	000⇔255	0–100%
	21	Focus	000⇔255	0–100%
	22	Fine Focus	000⇔255	0–100%
	23	Auto Focus	000⇔010 011⇔030 031⇔050 051⇔070 071⇔090 091⇔110 111⇔130 131⇔150 151⇔170 171⇔190 191⇔210 211⇔255	No Function 0-5m 6m 7m 8m 9m 10m 12.5m 15m 17.5m 20-60m Auto-detect distance
	24	Zoom	000⇔255	0–100%
	25	Fine Zoom	000⇔255	0–100%
	26	Prism	000⇔004 005⇔255	No Function Prism Effect
	27	Prism Rotate	000⇔127 128⇔189 190⇔193 194⇔255	Rotating position Clockwise rotating, slow to fast Stop Counter-clockwise rotating, fast to slow
	28	Iris	000⇔063 064⇔127 128⇔191 192⇔255	Big to small Auto change, slow to fast Slow zoom in, fast zoom out (slow to fast) Slow zoom out, fast zoom in (slow to fast)
	29	Frost	000⇔255	0–100%
	30	CMY Macro	000⇔009 010⇔255	No function CMY macro
	31	CMY Macro Speed	000⇔255	fast to slow

32CH	Channel	Function	Value	Percent/Settings
	32	Control	000 ⇔ 007	No function
			008 ⇔ 015	XY blackout
			016 ⇔ 023	C blackout
			024 ⇔ 031	G blackout
			032 ⇔ 039	XYC blackout
			040 ⇔ 047	XYG blackout
			048 ⇔ 055	XYCG blackout
			056 ⇔ 095	no function
			096 ⇔ 103	X reset
			104 ⇔ 111	Y reset
			112 ⇔ 119	Color reset
			120 ⇔ 127	Gobo & gobo rotating reset
			128 ⇔ 135	no function
			136 ⇔ 143	Prism reset
			144 ⇔ 151	Focus reset
			152 ⇔ 159	All reset
			160 ⇔ 167	Iris reset
			168 ⇔ 175	Frost reset
			176 ⇔ 183	Zoom reset
			184 ⇔ 191	CMY+CTO reset
			192 ⇔ 199	Fan low speed
			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	XY swap on		
	236 ⇔ 240	XY swap off		
	241 ⇔ 245	no function		
	246 ⇔ 250	XY smooth mode		
	251 ⇔ 255	XY fast mode		

24CH	Channel	Function	Value	Percent/Settings
	1	Pan	000 ⇔ 255	0–100%
	2	Fine Pan	000 ⇔ 255	0–100%
	3	Tilt	000 ⇔ 255	0–100%
	4	Fine Tilt	000 ⇔ 255	0–100%
	5	Pan/Tilt Speed	000 ⇔ 255	0–100%
	6	Dimmer	000 ⇔ 255	0–100%
	7	Shutter	000 ⇔ 003	Closed
			004 ⇔ 007	Open
			008 ⇔ 076	Slow to fast
			077 ⇔ 145	Pulse effect from slow to fast
			146 ⇔ 215	Random effect from slow to fast
	216 ⇔ 255	Open		
	8	Virtual Shutter	000 ⇔ 001	No function
			002 ⇔ 128	Shaking strobe, slow to fast
			129 ⇔ 255	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%

24CH	Channel	Function	Value	Percent/Settings
	13	Color Wheel	000 ⇄ 006 007 ⇄ 013 014 ⇄ 020 021 ⇄ 027 028 ⇄ 034 035 ⇄ 041 042 ⇄ 047 048 ⇄ 059 060 ⇄ 187 188 ⇄ 219 220 ⇄ 223 224 ⇄ 255	Open Red Orange Green Blue Magenta Yellow UV Split colors Clockwise color scroll, fast to slow Stop Counter-clockwise color scroll, slow to fast
	14	Gobo Wheel 1 [Gobo Designs]	000 ⇄ 008 009 ⇄ 017 018 ⇄ 026 027 ⇄ 035 036 ⇄ 044 045 ⇄ 053 054 ⇄ 063 064 ⇄ 073 074 ⇄ 082 083 ⇄ 091 092 ⇄ 100 101 ⇄ 109 110 ⇄ 118 119 ⇄ 127 128 ⇄ 191 192 ⇄ 255	Open Gobo 1 (circuits) Gobo 2 (ring of rings) Gobo 3 (checker vortex) Gobo 4 (triangle) Gobo 5 (star field) Gobo 6 (lenticular glass) Gobo 6 Shaking Gobo 5 Shaking Gobo 4 Shaking Gobo 3 Shaking Gobo 2 Shaking Gobo 1 Shaking Open Clockwise gobo scroll, fast to slow Counter-clockwise gobo scroll, slow to fast
	15	Gobo Rotating 1	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
	16	Gobo Wheel 2 [Gobo Designs]	000 ⇄ 008 009 ⇄ 017 018 ⇄ 026 027 ⇄ 035 036 ⇄ 044 045 ⇄ 053 054 ⇄ 063 064 ⇄ 073 074 ⇄ 082 083 ⇄ 091 092 ⇄ 100 101 ⇄ 109 110 ⇄ 118 119 ⇄ 127 128 ⇄ 191 192 ⇄ 255	Open Gobo 1 (spiral) Gobo 2 (dot chiclets) Gobo 3 (splat breakup) Gobo 4 (wavy bar) Gobo 5 (shower glass) Gobo 6 (lenticular glass) Gobo 6 Shaking Gobo 5 Shaking Gobo 4 Shaking Gobo 3 Shaking Gobo 2 Shaking Gobo 1 Shaking Open Clockwise gobo scroll, fast to slow Counter-clockwise gobo scroll, slow to fast
	17	Gobo Rotating 2	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
	18	Focus	000 ⇄ 255	0–100%
	19	Zoom	000 ⇄ 255	0–100%
	20	Prism	000 ⇄ 004 005 ⇄ 255	No function Prism effect

24CH	Channel	Function	Value	Percent/Settings
	21	Prism Rotate	000 ⇄ 127 128 ⇄ 189 190 ⇄ 193 194 ⇄ 255	Rotating position Clockwise rotating, slow to fast Stop Counter-clockwise rotating, fast to slow
	22	Iris	000 ⇄ 063 064 ⇄ 127 128 ⇄ 191 192 ⇄ 255	Big to small Auto change, slow to fast Slow zoom in, fast zoom out (slow to fast) Slow zoom out, fast zoom in (slow to fast)
	23	Frost	000 ⇄ 255	0–100%
	24	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 XY blackout C blackout G blackout XYC blackout XYG blackout XYCG blackout no function X reset Y reset Color reset Gobo & gobo rotating reset no function Prism reset Focus reset All reset Iris reset Frost reset Zoom reset CMY+CTO reset Fan low speed Fan full speed Fan auto no function Iris Fast mode Iris Smooth mode XY swap on XY swap off no function XY smooth mode XY fast mode