

DMX Values

30CH	Channel	Function	Value	Percent/Setting
	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 ∘ 007 008 ∘ 015 016 ∘ 131 132 ∘ 167 168 ∘ 203 204 ∘ 239 240 ∘ 247 248 ∘ 255	Closed Open Slow to fast Fast close, slow open Slow close, fast open Pulse effect from slow to fast Random effect from slow to fast Open
	9	Cyan	000 ∘ 255	0–100%
	10	Magenta	000 ∘ 255	0–100%
	11	Yellow	000 ∘ 255	0–100%
	12	Color Wheel 1	000 028 050 080 100 129 150 181 200 235 255	White White + Beam Softener Beam Softener Beam Softener + Lavender Lavender Lavender + CTO 3200K CTO 3200K CTO 3200K + (UV) (UV) (UV) + CTO 2500K CTO 2500K
	13	Color Wheel 2	000 028 050 080 100 129 150 181 200 235 255	White White + Beam Softener Beam Softener Beam Softener + Dark Green Dark Green Dark Green + Dark Red Dark Red Dark Red + Dark Blue Dark Blue Dark Blue + Minus Green Minus Green

30CH	Channel	Function	Value	Percent/Setting			
14		Color Wheel 3	000	White			
			028	White + Beam Softener			
			050	Beam Softener			
			080	Beam Softener + Dark Orange			
			100	Dark Orange			
			129	Dark Orange + Light Orange			
			150	Light Orange			
			181	Light Orange + Light Green			
			200	Light Green			
			235	Light Green + Pink			
			255	Pink			
			15		Gobo Wheel 1 [Gobo Designs]	000	Open
						004	Gobo 1 (Aperture 5/6)
						008	Gobo 2 (Aperture 2/3)
012	Gobo 3 (Aperture 1/2)						
016	Gobo 4 (Aperture 1/3)						
019	Gobo 5 (Full Aperture)						
023	Gobo 6 (Triangle dots)						
027	Gobo 7 (Curvy triangle)						
031	Gobo 8 (Random dots)						
035	Gobo 9 (Symmetric dots)						
038	Gobo 10 (Line)						
042	Gobo 11 (Laser Circle)						
046	Gobo 12 (Square Lines)						
050	Gobo 13 (Brick Out)						
054	Gobo 14 (Triangle square)						
057	Gobo 15 (Shades)						
061	Gobo 16 (Crunch Bar)						
065	Gobo 17 (5 Wave)						
069	Gobo 18 (Burst)						
072	113	Clockwise gobo scroll, fast to slow					
114	117	stop					
118	159	Counter-clockwise gobo scroll, slow to fast					
160	165	Gobo 1 Shaking					
166	170	Gobo 2 Shaking					
171	175	Gobo 3 Shaking					
176	181	Gobo 4 Shaking					
182	186	Gobo 5 Shaking					
187	191	Gobo 6 Shaking					
192	197	Gobo 7 Shaking					
198	202	Gobo 8 Shaking					
203	207	Gobo 9 Shaking					
208	214	Gobo 10 Shaking					
215	218	Gobo 11 Shaking					
219	223	Gobo 12 Shaking					
224	229	Gobo 13 Shaking					
230	234	Gobo 14 Shaking					
235	239	Gobo 15 Shaking					
240	245	Gobo 16 Shaking					
246	250	Gobo 17 Shaking					
251	255	Gobo 18 Shaking					

30CH	Channel	Function	Value	Percent/Setting
	16	Gobo Wheel 2 [Gobo Designs]	000◊ 018	White
			019◊ 037	Gobo 1 (Turning Forks)
			038◊ 056	Gobo 2 (Wavy Breakup)
			057◊ 074	Gobo 3 (Radial Star)
			075◊ 092	Gobo 4 (Star Field)
			093◊ 111	Gobo 5 (Broken Triangle)
			112◊ 129	Gobo 6 (Half Moon and Sun)
			130◊ 150	Gobo 1 Shaking
			151◊ 171	Gobo 2 Shaking
			172◊ 192	Gobo 3 Shaking
			193◊ 213	Gobo 4 Shaking
			214◊ 234	Gobo 5 Shaking
			235◊ 255	Gobo 6 Shaking
	17	Gobo Wheel 1 Rotation	000◊ 021	0-90 position
			022◊ 042	90-180 position
			043◊ 063	180-270 position
			064◊ 084	270-360 position
			085◊ 105	360-450 position
			106◊ 127	450-540 position
			128◊ 190	Clockwise rotating, slow to fast
	191◊ 192	Stop		
	193◊ 255	Counter-clockwise rotating, slow to fast		
	18	Gobo Indexing 16-bit	000◊ 255	16-bit adjustable
	19	Animation Wheel	000◊ 255	Effect wheel
	20	Animation Wheel Rotation	000◊ 124	Clockwise rotating, slow to fast
			125◊ 130	Stop
			131◊ 255	Counter-clockwise rotating, slow to fast
	21	Prism 1	000◊ 010	No Function
			011◊ 255	Prism Effect
	22	Prism 1 Rotation	000◊ 021	0-90 position
			022◊ 042	90-180 position
			043◊ 063	180-270 position
			064◊ 084	270-360 position
			085◊ 105	360-450 position
			106◊ 127	450-540 position
			128◊ 190	Clockwise rotating, slow to fast
	191◊ 192	Stop		
	193◊ 255	Counter-clockwise rotating, slow to fast		
	23	Prism 2	000◊ 010	No Function
			011◊ 255	Prism Effect
	24	Prism 2 Rotation	000◊ 021	0-90 position
			022◊ 042	90-180 position
			043◊ 063	180-270 position
			064◊ 084	270-360 position
			085◊ 105	360-450 position
			106◊ 127	450-540 position
			128◊ 190	Clockwise rotating, slow to fast
	191◊ 192	Stop		
	193◊ 255	Counter-clockwise rotating, slow to fast		
	25	Frost	000◊ 255	0-100%
	26	Zoom	000◊ 255	0-100%

30CH	Channel	Function	Value	Percent/Setting
	27	Focus	000 ∘ 255	0–100%
	28	Fine Focus	000 ∘ 255	0–100%
	29	Beam Mode	000 ∘ 010 011 ∘ 255	No Function Beam Mode
	30	Control	000 ∘ 029 030 ∘ 039 040 ∘ 049 050 ∘ 059 060 ∘ 069 070 ∘ 079 080 ∘ 089 090 ∘ 099 100 ∘ 109 110 ∘ 119 120 ∘ 129 130 ∘ 139 140 ∘ 149 150 ∘ 159 160 ∘ 169 170 ∘ 179 180 ∘ 189 190 ∘ 199 200 ∘ 209 210 ∘ 219 220 ∘ 229 230 ∘ 239 240 ∘ 245 246 ∘ 250 251 ∘ 255	No function XY swap on XY swap off Zoom/auto focus mode on Zoom/auto focus mode off XY blackout enable XY blackout disable Color blackout enable Color blackout disable Gobo blackout enable Gobo blackout disable Lamp On XY reset Head reset Auto soft filter on Auto soft filter off No function No function All reset All blackout enable All blackout disable Lamp Off No function No function No function

27CH	Channel	Function	Value	Percent/Setting
	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 ∘ 007 008 ∘ 015 016 ∘ 131 132 ∘ 167 168 ∘ 203 204 ∘ 239 240 ∘ 247 248 ∘ 255	Closed Open Slow to fast Fast close, slow open Slow close, fast open Pulse effect from slow to fast Random effect from slow to fast Open
	8	Cyan	000 ∘ 255	0–100%
	9	Magenta	000 ∘ 255	0–100%
	10	Yellow	000 ∘ 255	0–100%

27CH	Channel	Function	Value	Percent/Setting
	11	Color Wheel 1	000	White
			028	White + Beam Softener
			050	Beam Softener
			080	Beam Softener + Lavender
			100	Lavender
			129	Lavender + CTO 3200K
			150	CTO 3200K
			181	CTO 3200K + (UV)
			200	(UV)
			235	(UV) + CTO 2500K
			255	CTO 2500K
	12	Color Wheel 2	000	White
			028	White + Beam Softener
			050	Beam Softener
			080	Beam Softener + Dark Green
			100	Dark Green
			129	Dark Green + Dark Red
			150	Dark Red
			181	Dark Red + Dark Blue
			200	Dark Blue
			235	Dark Blue + Minus Green
			255	Minus Green
	13	Color Wheel 3	000	White
			028	White + Beam Softener
			050	Beam Softener
			080	Beam Softener + Dark Orange
			100	Dark Orange
			129	Dark Orange + Light Orange
			150	Light Orange
			181	Light Orange + Light Green
			200	Light Green
			235	Light Green + Pink
			255	Pink

27CH	Channel	Function	Value	Percent/Setting	
14		Gobo Wheel 1 [Gobo Designs]	000	Open	
			004	Gobo 1 (Aperture 5/6)	
			008	Gobo 2 (Aperture 2/3)	
			012	Gobo 3 (Aperture 1/2)	
			016	Gobo 4 (Aperture 1/3)	
			019	Gobo 5 (Full Aperture)	
			023	Gobo 6 (Triangle dots)	
			027	Gobo 7 (Curvy triangle)	
			031	Gobo 8 (Random dots)	
			035	Gobo 9 (Symmetric dots)	
			038	Gobo 10 (Line)	
			042	Gobo 11 (Laser Circle)	
			046	Gobo 12 (Square Lines)	
			050	Gobo 13 (Brick Out)	
			054	Gobo 14 (Triangle square)	
			057	Gobo 15 (Shades)	
			061	Gobo 16 (Crunch Bar)	
			065	Gobo 17 (5 Wave)	
			069	Gobo 18 (Burst)	
			072	113	Clockwise gobo scroll, fast to slow
			114	117	stop
			118	159	Counter-clockwise gobo scroll, slow to fast
			160	165	Gobo 1 Shaking
			166	170	Gobo 2 Shaking
			171	175	Gobo 3 Shaking
			176	181	Gobo 4 Shaking
			182	186	Gobo 5 Shaking
			187	191	Gobo 6 Shaking
			192	197	Gobo 7 Shaking
			198	202	Gobo 8 Shaking
			203	207	Gobo 9 Shaking
			208	214	Gobo 10 Shaking
			215	218	Gobo 11 Shaking
			219	223	Gobo 12 Shaking
			224	229	Gobo 13 Shaking
			230	234	Gobo 14 Shaking
			235	239	Gobo 15 Shaking
			240	245	Gobo 16 Shaking
246	250	Gobo 17 Shaking			
251	255	Gobo 18 Shaking			
15		Gobo Wheel 2 [Gobo Designs]	000	018 White	
			019	037 Gobo 1 (Turning Forks)	
			038	056 Gobo 2 (Wavy Breakup)	
			057	074 Gobo 3 (Radial Star)	
			075	092 Gobo 4 (Star Field)	
			093	111 Gobo 5 (Broken Triangle)	
			112	129 Gobo 6 (Half Moon and Sun)	
			130	150 Gobo 1 Shaking	
			151	171 Gobo 2 Shaking	
			172	192 Gobo 3 Shaking	
			193	213 Gobo 4 Shaking	
			214	234 Gobo 5 Shaking	
			235	255 Gobo 6 Shaking	

27CH	Channel	Function	Value	Percent/Setting
	16	Gobo Wheel 1 Rotation	000 ∘ 021	0-90 position
			021 ∘ 042	90-180 position
			042 ∘ 063	180-270 position
			063 ∘ 084	270-360 position
			084 ∘ 105	360-450 position
			105 ∘ 127	450-540 position
			128 ∘ 190	Clockwise rotating, slow to fast
			191 ∘ 192	Stop
	193 ∘ 255	Counter-clockwise rotating, slow to fast		
	17	Animation Wheel	000 ∘ 255	Effect wheel
	18	Animation Wheel Rotation	000 ∘ 124	Clockwise rotating, slow to fast
			125 ∘ 130	Stop
			131 ∘ 255	Counter-clockwise rotating, slow to fast
	19	Prism 1	000 ∘ 010	No Function
			011 ∘ 255	Prism Effect
	20	Prism 1 Rotation	000 ∘ 021	0-90 position
			022 ∘ 042	90-180 position
			043 ∘ 063	180-270 position
			064 ∘ 084	270-360 position
			085 ∘ 105	360-450 position
			106 ∘ 127	450-540 position
			128 ∘ 190	Clockwise rotating, slow to fast
			191 ∘ 192	Stop
	193 ∘ 255	Counter-clockwise rotating, slow to fast		
	21	Prism 2	000 ∘ 010	No Function
			011 ∘ 255	Prism Effect
	22	Prism 2 Rotation	000 ∘ 021	0-90 position
			022 ∘ 042	90-180 position
			043 ∘ 063	180-270 position
			064 ∘ 084	270-360 position
			085 ∘ 105	360-450 position
			106 ∘ 127	450-540 position
			128 ∘ 190	Clockwise rotating, slow to fast
			191 ∘ 192	Stop
	193 ∘ 255	Counter-clockwise rotating, slow to fast		
	23	Frost	000 ∘ 255	0-100%
	24	Zoom	000 ∘ 255	0-100%
	25	Focus	000 ∘ 255	0-100%
	26	Beam Mode	000 ∘ 010	No Function
			011 ∘ 255	Beam Mode

27CH	Channel	Function	Value	Percent/Setting
			000ó 029	No function
			030ó 039	XY swap on
			040ó 049	XY swap off
			050ó 059	Zoom/auto focus mode on
			060ó 069	Zoom/auto focus mode off
			070ó 079	XY blackout enable
			080ó 089	XY blackout disable
			090ó 099	Color blackout enable
			100ó 109	Color blackout disable
			110ó 119	Gobo blackout enable
			120ó 129	Gobo blackout disable
			130ó 139	Lamp On
	27	Control	140ó 149	XY reset
			150ó 159	Head reset
			160ó 169	Auto soft filter on
			170ó 179	Auto soft filter off
			180ó 189	No function
			190ó 199	No function
			200ó 209	All reset
			210ó 219	All blackout enable e
			220ó 229	All blackout disable
			230ó 239	Lamp Off
			240ó 245	No function
			246ó 250	No function
			251ó 255	No function