

DMX Values

25CH	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	Shutter	000↻007	Closed
			008↻015	Open
			016↻131	Slow to fast
			132↻167	Fast close, slow open (slow to fast)
			168↻203	Slow close, fast open (slow to fast)
			204↻239	Pulse effect from slow to fast
			240↻247	Random effect from slow to fast
			248↻255	Open
	9	Color Wheel	000↻003	Open
			004↻007	Red
			008↻011	Orange
			012↻015	Cyan
			016↻019	Light green
			020↻023	Light yellow
			024↻027	Green
			028↻031	Magenta
			032↻035	Dark Blue
			036↻039	Dark yellow
			040↻043	Blue
			044↻047	CTO 5600 K
			048↻051	CTO 6500 K
			052↻059	UV
			060↻187	Split colors
	188↻219	Clockwise color scroll, fast to slow		
	220↻223	Stop		
	224↻255	Counter-clockwise color scroll, slow to fast		

DMX Values (Cont.)

25CH (Cont.)	Channel	Function	Value	Percent/Setting
			000↻ 003	Open
			004↻ 006	Gobo 1
			007↻ 009	Gobo 2
			010↻ 012	Gobo 3
			013↻ 015	Gobo 4
			016↻ 018	Gobo 5
			019↻ 021	Gobo 6
			022↻ 024	Gobo 7
			025↻ 027	Gobo 8
			028↻ 030	Gobo 9
			031↻ 033	Gobo 10
			034↻ 036	Gobo 11
			037↻ 039	Gobo 12
			040↻ 042	Gobo 13
			043↻ 059	Open
	10	Gobo Wheel 1	060↻ 063	Gobo shake 1, slow to fast
			064↻ 067	Gobo shake 2, slow to fast
			068↻ 071	Gobo shake 3, slow to fast
			072↻ 075	Gobo shake 4, slow to fast
			076↻ 079	Gobo shake 5, slow to fast
			080↻ 083	Gobo shake 6, slow to fast
			084↻ 087	Gobo shake 7, slow to fast
			088↻ 091	Gobo shake 8, slow to fast
			092↻ 095	Gobo shake 9, slow to fast
			096↻ 099	Gobo shake 10, slow to fast
			100↻ 103	Gobo shake 11, slow to fast
			104↻ 107	Gobo shake 12, slow to fast
			108↻ 111	Gobo shake 13, slow to fast
			112↻ 127	Open
			128↻ 189	Clockwise gobo scroll, fast to slow
			190↻ 193	Stop
			194↻ 255	Counter-clockwise gobo scroll, slow to fast

DMX Values (Cont.)

25CH (Cont.)	Channel	Function	Value	Percent/Setting
11	Gobo Wheel 2	000	Open	
		001↻005	Open (aperture sets to Spot mode)	
		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↻063	Gobo 9	
		064↻073	Gobo shake 1, slow to fast	
		074↻079	Gobo shake 2, slow to fast	
		080↻085	Gobo shake 3, slow to fast	
		086↻091	Gobo shake 4, slow to fast	
		092↻097	Gobo shake 5, slow to fast	
		098↻103	Gobo shake 6, slow to fast	
		104↻109	Gobo shake 7, slow to fast	
		110↻115	Gobo shake 8, slow to fast	
		116↻121	Gobo shake 9, slow to fast	
122↻127	Open			
128↻191	Clockwise gobo scroll, fast to slow			
192↻255	Counter-clockwise gobo scroll, slow to fast			
12	Gobo Wheel 2 Rotate	000↻063	Gobo index	
		064↻147	Clockwise rotation, slow to fast	
		148↻231	Counter-clockwise rotation, fast to slow	
		232↻255	Clockwise rotation/counter-clockwise rotation	
13	Focus	000↻255	0–100%	
14	Fine Focus	000↻255	Fine control (16-bit)	
15	Zoom	000↻255	0–100%	
16	Fine Zoom	000↻255	Fine control (16-bit)	
17	Prism 1	000↻004	No function	
		005↻255	Prism insert	
18	Prism 1 Rotate	000↻127	Prism index	
		128↻189	Clockwise rotation, fast to slow	
		190↻193	Stop	
		194↻255	Counter-clockwise rotation, slow to fast	
19	Prism 2	000↻004	No function	
		005↻255	Prism insert	
20	Prism 2 Rotate	000↻127	Prism index	
		128↻189	Clockwise rotation, fast to slow	
		190↻193	Stop	
		194↻255	Counter-clockwise rotation, slow to fast	
21	Frost	000↻255	0–100%	
22	Beam Defraction	000↻255	0–100%	

DMX Values (Cont.)

25CH (Cont.)	Channel	Function	Value	Percent/Setting
			000 ∘ 007	No function
			008 ∘ 015	Effect 1
			016 ∘ 023	Effect 2
			024 ∘ 031	Effect 3
			032 ∘ 039	Effect 4
			040 ∘ 047	Effect 5
			048 ∘ 055	Effect 6
			056 ∘ 063	Effect 7
			064 ∘ 071	Effect 8
			072 ∘ 079	Effect 9
			080 ∘ 087	Effect 10
			088 ∘ 095	Effect 11
			096 ∘ 103	Effect 12
			104 ∘ 111	Effect 13
			112 ∘ 119	Effect 14
			120 ∘ 127	Effect 15
	23	Movement Macros	128 ∘ 135	Effect 16
			136 ∘ 143	Effect 17
			144 ∘ 151	Effect 18
			152 ∘ 159	Effect 19
			160 ∘ 167	Effect 20
			168 ∘ 175	Effect 21
			176 ∘ 183	Effect 22
			184 ∘ 191	Effect 23
			192 ∘ 199	Effect 24
			200 ∘ 207	Effect 25
			208 ∘ 215	Effect 26
			216 ∘ 223	Effect 27
			224 ∘ 231	Effect 28
			232 ∘ 239	Effect 29
			240 ∘ 247	Effect 30
			248 ∘ 255	Effect 31

DMX Values (Cont.)

25CH (Cont.)	Channel	Function	Value	Percent/Setting
	24	Movement Macro Speed	000 ∘ 255	0–100%
	25	Control	000 ∘ 029	No function
			030 ∘ 039	Dimmer conventional mode
			040 ∘ 049	Dimmer linear mode
			050 ∘ 059	Pan/Tilt fast mode
			060 ∘ 069	Pan/Tilt normal mode
			070 ∘ 079	Blackout during pan/tilt (3 sec hold)
			080 ∘ 089	Disable pan/tilt blackout (3 sec hold)
			090 ∘ 099	Blackout while color wheel moving (3 sec hold)
			100 ∘ 109	Disable color wheel blackout (3 sec hold)
			110 ∘ 119	Blackout while gobo wheels moving (3 sec hold)
			120 ∘ 129	Disable gobo wheel blackout (3 sec hold)
			130 ∘ 139	Lamp on
			140 ∘ 149	Pan/Tilt reset
			150 ∘ 159	Color wheel reset
			160 ∘ 169	Gobo wheel reset
			170 ∘ 179	Shutter/prism reset
			180 ∘ 189	No function
			190 ∘ 199	Frost/focus/zoom reset
			200 ∘ 209	All reset
			210 ∘ 219	Blackout all function during pan/tilt
			220 ∘ 229	Disable blackout all functions during pan/tilt
			230 ∘ 239	Lamp off
			240 ∘ 247	Pan/Tilt movement ramp speed, increase on
			248 ∘ 255	Pan/Tilt movement ramp speed, increase off

DMX Values (Cont.)

20CH	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	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 to fast) Slow close, fast open (slow to fast) Pulse effect from slow to fast Random effect from slow to fast Open
	8	Color Wheel	000 ∘ 003 004 ∘ 007 008 ∘ 011 012 ∘ 015 016 ∘ 019 020 ∘ 023 024 ∘ 027 028 ∘ 031 032 ∘ 035 036 ∘ 039 040 ∘ 043 044 ∘ 047 048 ∘ 051 052 ∘ 059 060 ∘ 187 188 ∘ 219 220 ∘ 223 224 ∘ 255	Open Red Orange Cyan Light green Light yellow Green Magenta Dark Blue Dark yellow Blue CTO 5600 K CTO 6500 K UV Split colors Clockwise color scroll, fast to slow Stop Counter-clockwise color scroll, slow to fast

DMX Values

20CH (Cont.)	Channel	Function	Value	Percent/Setting
			000 003	Open
			004 006	Gobo 1
			007 009	Gobo 2
			010 012	Gobo 3
			013 015	Gobo 4
			016 018	Gobo 5
			019 021	Gobo 6
			022 024	Gobo 7
			025 027	Gobo 8
			028 030	Gobo 9
			031 033	Gobo 10
			034 036	Gobo 11
			037 039	Gobo 12
			040 042	Gobo 13
			043 059	Open
	9	Gobo Wheel 1	060 063	Gobo shake 1, slow to fast
			064 067	Gobo shake 2, slow to fast
			068 071	Gobo shake 3, slow to fast
			072 075	Gobo shake 4, slow to fast
			076 079	Gobo shake 5, slow to fast
			080 083	Gobo shake 6, slow to fast
			084 087	Gobo shake 7, slow to fast
			088 091	Gobo shake 8, slow to fast
			092 095	Gobo shake 9, slow to fast
			096 099	Gobo shake 10, slow to fast
			100 103	Gobo shake 11, slow to fast
			104 107	Gobo shake 12, slow to fast
			108 111	Gobo shake 13, slow to fast
			112 127	Open
			128 189	Clockwise gobo scroll, fast to slow
			190 193	Stop
			194 255	Counter-clockwise gobo scroll, slow to fast

DMX Values (Cont.)

20CH (Cont.)	Channel	Function	Value	Percent/Setting
	10	Gobo Wheel 2	000	Open
			001 ∘ 005	Open (aperture sets to Spot mode)
			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 ∘ 063	Gobo 9
			064 ∘ 073	Gobo shake 1, slow to fast
			074 ∘ 079	Gobo shake 2, slow to fast
			080 ∘ 085	Gobo shake 3, slow to fast
			086 ∘ 091	Gobo shake 4, slow to fast
			092 ∘ 097	Gobo shake 5, slow to fast
			098 ∘ 103	Gobo shake 6, slow to fast
			104 ∘ 109	Gobo shake 7, slow to fast
			110 ∘ 115	Gobo shake 8, slow to fast
116 ∘ 121	Gobo shake 9, slow to fast			
122 ∘ 127	Open			
128 ∘ 191	Clockwise gobo scroll, fast to slow			
192 ∘ 255	Counter-clockwise gobo scroll, slow to fast			
11	Gobo Wheel 2 Rotate	000 ∘ 063	Gobo index	
		064 ∘ 147	Clockwise rotation, slow to fast	
		148 ∘ 231	Counter-clockwise rotation, fast to slow	
		232 ∘ 255	Clockwise rotation/counter-clockwise rotation	
12	Focus	000 ∘ 255	0–100%	
13	Zoom	000 ∘ 255	0–100%	
14	Prism 1	000 ∘ 004	No function	
		005 ∘ 255	Prism insert	
15	Prism 1 Rotate	000 ∘ 127	Prism index	
		128 ∘ 189	Clockwise rotation, fast to slow	
		190 ∘ 193	Stop	
		194 ∘ 255	Counter-clockwise rotation, slow to fast	
16	Prism 2	000 ∘ 004	No function	
		005 ∘ 255	Prism insert	
17	Prism 2 Rotate	000 ∘ 127	Prism index	
		128 ∘ 189	Clockwise rotation, fast to slow	
		190 ∘ 193	Stop	
		194 ∘ 255	Counter-clockwise rotation, slow to fast	
18	Frost	000 ∘ 255	0–100%	
19	Beam Defraction	000 ∘ 255	0–100%	

DMX Values (Cont.)

20CH (Cont.)	Channel	Function	Value	Percent/Setting
	20	Control	000↻ 029	No function
			030↻ 039	Dimmer conventional mode
			040↻ 049	Dimmer linear mode
			050↻ 059	Pan/Tilt fast mode
			060↻ 069	Pan/Tilt normal mode
			070↻ 079	Blackout during pan/tilt (3 sec hold)
			080↻ 089	Disable pan/tilt blackout (3 sec hold)
			090↻ 099	Blackout while color wheel moving (3 sec hold)
			100↻ 109	Disable color wheel blackout (3 sec hold)
			110↻ 119	Blackout while gobo wheels moving (3 sec hold)
			120↻ 129	Disable gobo wheel blackout (3 sec hold)
			130↻ 139	Lamp on
			140↻ 149	Pan/Tilt reset
			150↻ 159	Color wheel reset
			160↻ 169	Gobo wheel reset
			170↻ 179	Shutter/prizm reset
			180↻ 189	No function
			190↻ 199	Frost/focus/zoom reset
			200↻ 209	All reset
			210↻ 219	Blackout all function during pan/tilt
			220↻ 229	Disable blackout all functions during pan/tilt
			230↻ 239	Lamp off
			240↻ 247	Pan/Tilt movement ramp speed, increase on
			248↻ 255	Pan/Tilt movement ramp speed, increase off