

## DMX Values

19CH	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 ⇔ 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	Color Wheel	000 ⇔ 006 007 ⇔ 013 014 ⇔ 020 021 ⇔ 027 028 ⇔ 034 035 ⇔ 041 042 ⇔ 048 049 ⇔ 055 056 ⇔ 063 064 ⇔ 127 128 ⇔ 191 192 ⇔ 255	Open Red Orange Green Yellow Blue CTO 3200 K Magenta Purple Split colors Clockwise color scroll, slow to fast Counter-clockwise color scroll, slow to fast

## DMX Values (Cont.)

19CH (Cont.)	Channel	Function	Value	Percent/Setting
10	Gobo Wheel 1	000 ⇔ 007	Open	
		008 ⇔ 015	Gobo 1	
		016 ⇔ 023	Gobo 2	
		024 ⇔ 031	Gobo 3	
		032 ⇔ 039	Gobo 4	
		040 ⇔ 047	Gobo 5	
		048 ⇔ 055	Gobo 6	
		056 ⇔ 063	Gobo 7	
		064 ⇔ 119	Gobo shake 1–7, slow to fast	
		120 ⇔ 127	Open	
128 ⇔ 191	Clockwise gobo scroll, slow to fast			
192 ⇔ 255	Counter-clockwise gobo scroll, slow to fast			
11	Gobo Wheel 1 Rotate	000 ⇔ 063	Gobo index	
		064 ⇔ 147	Clockwise rotation, slow to fast	
		148 ⇔ 231	Counter-clockwise rotation, slow to fast	
		232 ⇔ 255	Boomerang effect, slow to fast	
12	Gobo Wheel 2	000 ⇔ 006	Open	
		007 ⇔ 013	Gobo 1	
		014 ⇔ 020	Gobo 2	
		021 ⇔ 027	Gobo 3	
		028 ⇔ 034	Gobo 4	
		035 ⇔ 041	Gobo 5	
		042 ⇔ 048	Gobo 6	
		049 ⇔ 055	Gobo 7	
		056 ⇔ 063	Gobo 8	
		064 ⇔ 120	Gobo shake 1–8, slow to fast	
121 ⇔ 127	Open			
128 ⇔ 191	Clockwise gobo scroll, slow to fast			
192 ⇔ 255	Counter-clockwise gobo scroll, slow to fast			
13	Focus	000 ⇔ 255	0–100%	
14	Prism	000 ⇔ 004	No function	
		005 ⇔ 255	Prism insert	
15	Prism Rotate	000 ⇔ 127	Prism index	
		128 ⇔ 189	Counter-clockwise rotation, fast to slow	
		190 ⇔ 193	Stop	
		194 ⇔ 255	Clockwise rotation, slow to fast	
16	Iris	000 ⇔ 063	Wide to narrow	
		064 ⇔ 127	Iris effect, slow to fast	
		128 ⇔ 191	Iris effect, in slow, out fast	
		192 ⇔ 255	Iris effect, out slow, in fast	

## DMX Values (Cont.)

19CH (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
			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
	17	Movement Macros		

## DMX Values (Cont.)

19CH (Cont.)	Channel	Function	Value	Percent/Setting
	18	Movement Macro Speed	000 ⇔ 255	0–100%
	19	Control	000 ⇔ 007	No function
			008 ⇔ 015	Blackout during pan/tilt (3 sec hold)
			016 ⇔ 023	Blackout while color wheel moving (3 sec hold)
			024 ⇔ 031	Blackout while gobo wheels moving (3 sec hold)
			032 ⇔ 039	Disable pan/tilt blackout (3 sec hold)
			040 ⇔ 047	Disable color wheel blackout (3 sec hold)
			048 ⇔ 055	Disable gobo wheel blackout (3 sec hold)
			056 ⇔ 095	No function
			096 ⇔ 103	Pan reset
			104 ⇔ 111	Tilt reset
			112 ⇔ 119	Color wheel reset
			120 ⇔ 127	Gobo wheel reset
			128 ⇔ 135	Gobo rotation reset
			136 ⇔ 143	Prism reset
			144 ⇔ 151	Focus reset
			152 ⇔ 159	All reset
			160 ⇔ 167	Iris reset
			168 ⇔ 239	No function
			240 ⇔ 247	Pan/Tilt movement ramp speed, increase on
			248 ⇔ 255	Pan/Tilt movement ramp speed, increase off

## DMX Values (Cont.)

16CH	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 ⇔ 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

## DMX Values (Cont.)

16CH (Cont.)	Channel	Function	Value	Percent/Setting
8	Color Wheel	000 ⇔ 006	Open	
		007 ⇔ 013	Red	
		014 ⇔ 020	Orange	
		021 ⇔ 027	Green	
		028 ⇔ 034	Yellow	
		035 ⇔ 041	Blue	
		042 ⇔ 048	CTO 3200 K	
		049 ⇔ 055	Magenta	
		056 ⇔ 063	Purple	
		064 ⇔ 127	Split colors	
		128 ⇔ 191	Clockwise color scroll, slow to fast	
192 ⇔ 255	Counter-clockwise color scroll, slow to fast			
9	Gobo Wheel 1	000 ⇔ 007	Open	
		008 ⇔ 015	Gobo 1	
		016 ⇔ 023	Gobo 2	
		024 ⇔ 031	Gobo 3	
		032 ⇔ 039	Gobo 4	
		040 ⇔ 047	Gobo 5	
		048 ⇔ 055	Gobo 6	
		056 ⇔ 063	Gobo 7	
		064 ⇔ 119	Gobo shake 1–7, slow to fast	
		120 ⇔ 127	Open	
		128 ⇔ 191	Clockwise gobo scroll, slow to fast	
192 ⇔ 255	Counter-clockwise gobo scroll, slow to fast			
10	Gobo Wheel 1 Rotate	000 ⇔ 063	Gobo index	
		064 ⇔ 147	Clockwise rotation, slow to fast	
		148 ⇔ 231	Counter-clockwise rotation, slow to fast	
		232 ⇔ 255	Boomerang effect, slow to fast	
11	Gobo Wheel 2	000 ⇔ 006	Open	
		007 ⇔ 013	Gobo 1	
		014 ⇔ 020	Gobo 2	
		021 ⇔ 027	Gobo 3	
		028 ⇔ 034	Gobo 4	
		035 ⇔ 041	Gobo 5	
		042 ⇔ 048	Gobo 6	
		049 ⇔ 055	Gobo 7	
		056 ⇔ 063	Gobo 8	
		064 ⇔ 120	Gobo shake 1–8, slow to fast	
		121 ⇔ 127	Open	
		128 ⇔ 191	Clockwise gobo scroll, slow to fast	
		192 ⇔ 255	Counter-clockwise gobo scroll, slow to fast	

## DMX Values (Cont.)

16CH (Cont.)	Channel	Function	Value	Percent/Setting
	12	Focus	000 ⇔ 255	0–100%
	13	Prism	000 ⇔ 004 005 ⇔ 255	No function Prism insert
	14	Prism Rotate	000 ⇔ 127 128 ⇔ 189 190 ⇔ 193 194 ⇔ 255	Prism index Counter-clockwise rotation, fast to slow Stop Clockwise rotation, slow to fast
	15	Iris	000 ⇔ 063 064 ⇔ 127 128 ⇔ 191 192 ⇔ 255	Wide to narrow Iris effect, slow to fast Iris effect, in slow, out fast Iris effect, out slow, in fast
	16	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 ⇔ 239 240 ⇔ 247 248 ⇔ 255	No function Blackout during pan/tilt (3 sec hold) Blackout while color wheel moving (3 sec hold) Blackout while gobo wheels moving (3 sec hold) Disable pan/tilt blackout (3 sec hold) Disable color wheel blackout (3 sec hold) Disable gobo wheel blackout (3 sec hold) No function Pan reset Tilt reset Color wheel reset Gobo wheel reset Gobo rotation reset Prism reset Focus reset All reset Iris reset No function Pan/Tilt movement ramp speed, increase on Pan/Tilt movement ramp speed, increase off