

**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	000-007	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	000-004	Open
			005-008	Red
			009-012	Deep yellow
			013-016	Turquoise
			017-020	Green
			021-024	Light green
			025-028	Light purple
			029-032	Pink
			033-036	Light yellow
			037-040	Magenta
			041-044	Blue
			045-048	CTO 3200 K
			049-052	CTO 5600 K
			053-056	CTO 6500 K
			057-060	UV
			061-127	Split colors
	128-189	Clockwise color scroll, fast to slow		
	190-193	Stop		
	194-255	Counter-clockwise color scroll, slow to fast		

## DMX Values (Cont.)

19CH (Cont.)	Channel	Function	Value	Percent/Setting
	10	Gobo Wheel	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 ∘ 045	Gobo 14
			046 ∘ 048	Gobo 15
			049 ∘ 051	Gobo 16
	052 ∘ 055	Gobo 17		
	056 ∘ 059	Open		
	060 ∘ 127	Gobo shake 1–17, slow to fast		
	128 ∘ 189	Clockwise gobo scroll, fast to slow		
	190 ∘ 193	Stop		
	194 ∘ 255	Counter-clockwise gobo scroll, slow to fast		
	11	Prism 1	000 ∘ 004	No function
			005 ∘ 255	Prism insert
	12	Prism 1 Rotate	000 ∘ 127	Prism index
			128 ∘ 189	Counter-clockwise rotation, fast to slow
			190 ∘ 193	Stop
			194 ∘ 255	Clockwise rotation, slow to fast
	13	Prism 2	000 ∘ 004	No function
			005 ∘ 255	Prism insert
	14	Prism 2 Rotate	000 ∘ 127	Prism index
			128 ∘ 189	Counter-clockwise rotation, fast to slow
			190 ∘ 193	Stop
			194 ∘ 255	Clockwise rotation, slow to fast
	15	Fine Prism Rotate	000 ∘ 255	0–100%
	16	Focus	000 ∘ 255	0–100%

**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
	17	<b>Movement Macros</b>	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.)**

19CH (Cont.)	Channel	Function	Value	Percent/Setting
	18	<b>Movement Macro Speed</b>	000 ∘ 255	0–100%
	19	<b>Control</b>	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	No function
			180 ∘ 189	Shutter/Focus reset
			190 ∘ 199	All reset
			200 ∘ 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

15CH	Channel	Function	Value	Percent/Setting
	1	<b>Pan</b>	000 ∘ 255	0–100%
	2	<b>Fine Pan</b>	000 ∘ 255	0–100%
	3	<b>Tilt</b>	000 ∘ 255	0–100%
	4	<b>Fine Tilt</b>	000 ∘ 255	0–100%
	5	<b>Pan/Tilt Speed</b>	000 ∘ 255	0–100%
	6	<b>Dimmer</b>	000 ∘ 255	0–100%
	7	<b>Shutter</b>	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

## DMX Values (Cont.)

15CH (Cont.)	Channel	Function	Value	Percent/Setting
8	Color Wheel	000	004	Open
		005	008	Red
		009	012	Deep yellow
		013	016	Turquoise
		017	020	Green
		021	024	Light green
		025	028	Light purple
		029	032	Pink
		033	036	Light yellow
		037	040	Magenta
		041	044	Blue
		045	048	CTO 3200 K
		049	052	CTO 5600 K
		053	056	CTO 6500 K
		057	060	UV
		061	127	Split colors
128	189	Clockwise color scroll, fast to slow		
190	193	Stop		
194	255	Counter-clockwise color scroll, slow to fast		
9	Gobo Wheel	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	045	Gobo 14
		046	048	Gobo 15
049	051	Gobo 16		
052	055	Gobo 17		
056	059	Open		
060	127	Gobo shake 1–17, slow to fast		
128	189	Clockwise gobo scroll, fast to slow		
190	193	Stop		
194	255	Counter-clockwise gobo scroll, slow to fast		
10	Prism 1	000	004	No function
		005	255	Prism insert
11	Prism 1 Rotate	000	127	Prism index
		128	189	Counter-clockwise rotation, fast to slow
		190	193	Stop
		194	255	Clockwise rotation, slow to fast

## DMX Values (Cont.)

15CH (Cont.)	Channel	Function	Value	Percent/Setting
	12	Prism 2	000 ∘ 004	No function
			005 ∘ 255	Prism insert
	13	Prism 2 Rotate	000 ∘ 127	Prism index
128 ∘ 189			Counter-clockwise rotation, fast to slow	
190 ∘ 193			Stop	
194 ∘ 255			Clockwise rotation, slow to fast	
14	Focus	000 ∘ 255	0–100%	
15	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	No function	
		180 ∘ 189	Shutter/Focus reset	
		190 ∘ 199	All reset	
		200 ∘ 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			