

**DMX Values**

18CH	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 from slow to fast 168 ∘ 203 Slow close, fast open from 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.)

18CH (Cont.)	Channel	Function	Value	Percent/Setting
	<b>10</b>	<b>Gobo Wheel</b>	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		
	<b>11</b>	<b>Prism</b>	000○ 004	No function
			005○ 255	Prism insert
	<b>12</b>	<b>Prism Rotate</b>	000○ 127	Prism index
			128○ 189	Counter-clockwise rotation, fast to slow
			190○ 193	Stop
			194○ 255	Clockwise rotation, slow to fast
	<b>13</b>	<b>Prism Zoom</b>	000○ 255	0–100%
	<b>14</b>	<b>Focus</b>	000○ 255	0–100%
	<b>15</b>	<b>Frost</b>	000○ 255	0–100%

**DMX Values (Cont.)**

18CH (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
	<b>16</b>	<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.)**

18CH (Cont.)	Channel	Function	Value	Percent/Setting
	17	<b>Movement Macro Speed</b>	000○ 255	0–100%
	18	<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 from slow to fast
			168○ 203	Slow close, fast open from 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	000 ∘ 004	No function	
		005 ∘ 255	Prism insert	
11	Prism 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 Zoom	000 ◊ 255	0–100%
	13	Focus	000 ◊ 255	0–100%
	14	Frost	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		