

DMX Values

19CH

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Pan fine	000 ⇔ 255	Fine control (16-bit)
3	Tilt	000 ⇔ 255	0–100%
4	Tilt fine	000 ⇔ 255	Fine control (16-bit)
5	Pan/tilt speed	000 ⇔ 255	Fast to slow
6	Dimmer	000 ⇔ 255	0–100%
7	Dimmer fine	000 ⇔ 255	Fine control (16-bit)
8	Strobe	000 ⇔ 007	Closed
		008 ⇔ 015	Open
		016 ⇔ 131	Synchronized strobe, slow to fast
		132 ⇔ 167	Fast close, slow open (slow to fast)
		168 ⇔ 203	Slow close, fast open (slow to fast)
		204 ⇔ 239	Pulse strobe, slow to fast
		240 ⇔ 250	Random strobe, slow to fast
		251 ⇔ 255	Open
9	Color wheel (see Color Wheel)	000 ⇔ 004	Open
		005 ⇔ 008	Red
		009 ⇔ 012	Orange
		013 ⇔ 016	Cyan
		017 ⇔ 020	Light green
		021 ⇔ 024	Light yellow
		025 ⇔ 028	Lavender
		029 ⇔ 032	Pink
		033 ⇔ 036	Yellow
		037 ⇔ 040	Magenta
		041 ⇔ 044	Light blue
		045 ⇔ 048	Amber
		049 ⇔ 052	CTO 5600K
		053 ⇔ 056	CTO 6500K
		057 ⇔ 060	UV
		061 ⇔ 127	Split colors
		128 ⇔ 189	Clockwise color scroll, fast to slow
190 ⇔ 193	Stop		
194 ⇔ 255	Counterclockwise color scroll, slow to fast		
10	Static gobo wheel (see 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

Channel	Function	Value	Percent/Setting
10	Static gobo wheel (see Gobo Wheel)	046 ⇔ 048	Gobo 15
		049 ⇔ 051	Gobo 16
		052 ⇔ 055	Gobo 17
		056 ⇔ 059	Open
		060 ⇔ 063	Gobo 1 shaking, slow to fast
		064 ⇔ 067	Gobo 2 shaking, slow to fast
		068 ⇔ 071	Gobo 3 shaking, slow to fast
		072 ⇔ 075	Gobo 4 shaking, slow to fast
		076 ⇔ 079	Gobo 5 shaking, slow to fast
		080 ⇔ 083	Gobo 6 shaking, slow to fast
		084 ⇔ 087	Gobo 7 shaking, slow to fast
		088 ⇔ 091	Gobo 8 shaking, slow to fast
		092 ⇔ 095	Gobo 9 shaking, slow to fast
		096 ⇔ 099	Gobo 10 shaking, slow to fast
		100 ⇔ 103	Gobo 11 shaking, slow to fast
		104 ⇔ 107	Gobo 12 shaking, slow to fast
		108 ⇔ 111	Gobo 13 shaking, slow to fast
112 ⇔ 115	Gobo 14 shaking, slow to fast		
116 ⇔ 119	Gobo 15 shaking, slow to fast		
120 ⇔ 123	Gobo 16 shaking, slow to fast		
124 ⇔ 127	Gobo 17 shaking, slow to fast		
128 ⇔ 189	Clockwise gobo scroll, fast to slow		
190 ⇔ 193	Stop		
194 ⇔ 255	Counterclockwise gobo scroll, slow to fast		
11	Prism 1	000 ⇔ 004	No function
		005 ⇔ 255	Prism index
12	Prism 1 rotation	000 ⇔ 127	Prism index
		128 ⇔ 189	Clockwise rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Counterclockwise rotation, slow to fast
13	Prism 2	000 ⇔ 004	No function
		005 ⇔ 255	Prism index
14	Prism 2 rotation	000 ⇔ 127	Prism index
		128 ⇔ 189	Clockwise rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Counterclockwise rotation, slow to fast
15	Frost	000 ⇔ 255	0–100%
16	Focus	000 ⇔ 255	0–100%
17	Movement macros	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		

Channel	Function	Value	Percent/Setting
17	Movement macros	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		
18	Movement macro speed	000 ⇔ 255	0–100%
19	Control	000 ⇔ 069	No function
		070 ⇔ 079	Enable pan/tilt blackout
		080 ⇔ 089	Disable pan/tilt blackout
		090 ⇔ 099	Enable blackout while color wheel is moving
		100 ⇔ 109	Disable color wheel blackout
		110 ⇔ 119	Enable blackout while gobo wheels are moving
		120 ⇔ 129	Disable gobo wheel blackout
		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	Focus reset
		200 ⇔ 209	All reset
		210 ⇔ 219	Enable blackout all function during pan/tilt
		220 ⇔ 229	Disable blackout all function during pan/tilt
230 ⇔ 239	Lamp off		
240 ⇔ 255	No function		

16CH

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Pan fine	000 ⇔ 255	Fine control (16-bit)
3	Tilt	000 ⇔ 255	0–100%
4	Tilt fine	000 ⇔ 255	Fine control (16-bit)
5	Pan/tilt speed	000 ⇔ 255	Fast to slow
6	Dimmer	000 ⇔ 255	0–100%
7	Strobe	000 ⇔ 007	Closed
		008 ⇔ 015	Open
		016 ⇔ 131	Synchronized strobe, slow to fast
		132 ⇔ 167	Fast close, slow open (slow to fast)
		168 ⇔ 203	Slow close, fast open (slow to fast)
		204 ⇔ 239	Pulse strobe, slow to fast
		240 ⇔ 250	Random strobe, slow to fast
		251 ⇔ 255	Open
8	Color wheel (see Color Wheel)	000 ⇔ 004	Open
		005 ⇔ 008	Red
		009 ⇔ 012	Orange
		013 ⇔ 016	Cyan
		017 ⇔ 020	Light green
		021 ⇔ 024	Light yellow
		025 ⇔ 028	Lavender
		029 ⇔ 032	Pink
		033 ⇔ 036	Yellow
		037 ⇔ 040	Magenta
		041 ⇔ 044	Light blue
		045 ⇔ 048	Amber
		049 ⇔ 052	CTO 5600K
		053 ⇔ 056	CTO 6500K
		057 ⇔ 060	UV
		061 ⇔ 127	Split colors
		128 ⇔ 189	Clockwise color scroll, fast to slow
190 ⇔ 193	Stop		
194 ⇔ 255	Counterclockwise color scroll, slow to fast		

Channel	Function	Value	Percent/Setting
9	Static gobo wheel (see 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 ⇔ 063	Gobo 1 shaking, slow to fast
		064 ⇔ 067	Gobo 2 shaking, slow to fast
		068 ⇔ 071	Gobo 3 shaking, slow to fast
		072 ⇔ 075	Gobo 4 shaking, slow to fast
		076 ⇔ 079	Gobo 5 shaking, slow to fast
		080 ⇔ 083	Gobo 6 shaking, slow to fast
		084 ⇔ 087	Gobo 7 shaking, slow to fast
		088 ⇔ 091	Gobo 8 shaking, slow to fast
		092 ⇔ 095	Gobo 9 shaking, slow to fast
		096 ⇔ 099	Gobo 10 shaking, slow to fast
		100 ⇔ 103	Gobo 11 shaking, slow to fast
		104 ⇔ 107	Gobo 12 shaking, slow to fast
		108 ⇔ 111	Gobo 13 shaking, slow to fast
		112 ⇔ 115	Gobo 14 shaking, slow to fast
116 ⇔ 119	Gobo 15 shaking, slow to fast		
120 ⇔ 123	Gobo 16 shaking, slow to fast		
124 ⇔ 127	Gobo 17 shaking, slow to fast		
128 ⇔ 189	Clockwise gobo scroll, fast to slow		
190 ⇔ 193	Stop		
194 ⇔ 255	Counterclockwise gobo scroll, slow to fast		
10	Prism 1	000 ⇔ 004	No function
		005 ⇔ 255	Prism index
11	Prism 1 rotation	000 ⇔ 127	Prism index
		128 ⇔ 189	Clockwise rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Counterclockwise rotation, slow to fast
12	Prism 2	000 ⇔ 004	No function
		005 ⇔ 255	Prism index
13	Prism 2 rotation	000 ⇔ 127	Prism index
		128 ⇔ 189	Clockwise rotation, fast to slow
		190 ⇔ 193	Stop
		194 ⇔ 255	Counterclockwise rotation, slow to fast
14	Frost	000 ⇔ 255	0–100%
15	Focus	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
16	Control	000 ⇔ 069	No function
		070 ⇔ 079	Enable pan/tilt blackout
		080 ⇔ 089	Disable pan/tilt blackout
		090 ⇔ 099	Enable blackout while color wheel is moving
		100 ⇔ 109	Disable color wheel blackout
		110 ⇔ 119	Enable blackout while gobo wheels are moving
		120 ⇔ 129	Disable gobo wheel blackout
		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	Focus reset
		200 ⇔ 209	All reset
		210 ⇔ 219	Enable blackout all function during pan/tilt
		220 ⇔ 229	Disable blackout all function during pan/tilt
230 ⇔ 239	Lamp off		
240 ⇔ 255	No function		