

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	No function
		008 ⇔ 015	On
		016 ⇔ 131	Synchronized strobe, slow to fast
		132 ⇔ 167	Fast off, slow on (slow to fast)
		168 ⇔ 203	Slow off, fast on (slow to fast)
		204 ⇔ 239	Pulse strobe, slow to fast
		240 ⇔ 250	Random strobe, slow to fast
		251 ⇔ 255	On
9	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	Dark yellow
		037 ⇔ 040	Magenta
		041 ⇔ 044	Bright blue
		045 ⇔ 048	CTO 5600K
		049 ⇔ 052	CTO 6500K
		053 ⇔ 056	White
		057 ⇔ 060	Blue
		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
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 ⇄ 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 insert
12	Rotating prism 1	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	Rotating prism 2	000 ⇄ 127	Prism index
		128 ⇄ 189	Clockwise rotation, fast to slow
		190 ⇄ 193	Stop
		194 ⇄ 255	Counterclockwise rotation, slow to fast
15	Focus	000 ⇄ 255	0–100%
16	Frost	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
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
		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	Fast to slow

Channel	Function	Value	Percent/Setting
19	Control	000 ⇔ 009	No function
		010 ⇔ 019	Defogging fan on, slow to fast
		020 ⇔ 029	Defogging fan off
		030 ⇔ 039	No function
		040 ⇔ 049	No function
		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 is moving (3 sec hold)
		100 ⇔ 109	Disable color wheel blackout (3 sec hold)
		110 ⇔ 119	Blackout while gobo wheels are 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	Strobe/prism reset
		180 ⇔ 189	No function
		190 ⇔ 199	Frost/focus reset
		200 ⇔ 209	All reset
		210 ⇔ 219	Blackout all function during pan/tilt
		220 ⇔ 229	Disable blackout all function during pan/tilt
		230 ⇔ 239	Lamp off
		240 ⇔ 255	No function

16Ch

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6	Dimmer	000 ⇔ 255	0–100%
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		008 ⇔ 015	On
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		251 ⇔ 255	On
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