

DMX Values

21CH	Channel	Function	Value	Percent/Setting
	1	Pan	000ó 255	0–100%
	2	Fine Pan	000ó 255	0–100%
	3	Tilt	000ó 255	0–100%
	4	Fine Tilt	000ó 255	0–100%
	5	Pan/Tilt Speed	000ó 255	0–100%
	6	Dimmer	000ó 255	0–100%
	7	Fine Dimmer	000ó 255	0–100%
	8	Shutter	000ó 003	Closed
			004ó 007	Open
			008ó 076	Slow to fast
			077ó 145	Pulse effect from slow to fast
			146ó 215	Random effect from slow to fast
			216ó 255	Open
	9	Color Wheel 2	000ó 007	Open
			008ó 015	Yellow
			016ó 023	Light blue
			024ó 031	Green
			032ó 039	Red
			040ó 047	Magenta
			048ó 055	Dark blue
			056ó 063	Orange
			064ó 127	Split colors
			128ó 191	Clockwise color scroll, slow to fast
	192ó 255	Counter-clockwise color scroll, slow to fast		
	10	Color Wheel 1	000ó 007	Open
			008ó 015	CTO 3200 K
			016ó 023	CTO 5600 K
			024ó 031	Green
			032ó 039	UV
			040ó 047	Orange
			048ó 055	Pink
			056ó 063	Light blue
			064ó 127	Split colors
			128ó 191	Clockwise color scroll, slow to fast
	192ó 255	Counter-clockwise color scroll, slow to fast		

DMX Values (Cont.)

21CH (Cont.)	Channel	Function	Value	Percent/Setting
11	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		
12	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
13	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		
14	Focus	000	255	0–100%
15	Prism	000	004	No function
		005	255	Prism insert
16	Prism Rotate	000	127	Prism index
		128	189	Counter-clockwise rotation, fast to slow
		190	193	Stop
		194	255	Clockwise rotation, slow to fast
17	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
18	Frost	000	007	No function
		008	255	Frost effect

DMX Values (Cont.)

21CH (Cont.)	Channel	Function	Value	Percent/Setting
			000ó 007	No function
			008ó 015	Effect 1
			016ó 023	Effect 2
			024ó 031	Effect 3
			032ó 039	Effect 4
			040ó 047	Effect 5
			048ó 055	Effect 6
			056ó 063	Effect 7
			064ó 071	Effect 8
			072ó 079	Effect 9
			080ó 087	Effect 10
			088ó 095	Effect 11
			096ó 103	Effect 12
			104ó 111	Effect 13
			112ó 119	Effect 14
	19	Movement Macros	120ó 127	Effect 15
			128ó 135	Effect 16
			136ó 143	Effect 17
			144ó 151	Effect 18
			152ó 159	Effect 19
			160ó 167	Effect 20
			168ó 175	Effect 21
			176ó 183	Effect 22
			184ó 191	Effect 23
			192ó 199	Effect 24
			200ó 207	Effect 25
			208ó 215	Effect 26
			216ó 223	Effect 27
			224ó 231	Effect 28
			232ó 239	Effect 29
			240ó 247	Effect 30
			248ó 255	Effect 31

DMX Values (Cont.)

21CH (Cont.)	Channel	Function	Value	Percent/Setting
	20	Movement Macro Speed	000ó 255	0–100%
	21	Control	000ó 007	No function
			008ó 015	Blackout during pan/tilt (3 sec hold)
			016ó 023	Blackout while color wheel moving (3 sec hold)
			024ó 031	Blackout while gobo wheels moving (3 sec hold)
			032ó 039	Disable pan/tilt blackout (3 sec hold)
			040ó 047	Disable color wheel blackout (3 sec hold)
			048ó 055	Disable gobo wheel blackout (3 sec hold)
			056ó 095	No function
			096ó 103	Pan reset
			104ó 111	Tilt reset
			112ó 119	Color wheel reset
			120ó 127	Gobo wheel reset
			128ó 135	Gobo rotation reset
			136ó 143	Prism reset
			144ó 151	Focus reset
			152ó 159	All reset
	160ó 167	Iris reset		
	168ó 239	No function		
	240ó 247	Pan/Tilt movement ramp speed, increase on		
	248ó 255	Pan/Tilt movement ramp speed, increase off		
18CH	Channel	Function	Value	Percent/Setting
	1	Pan	000ó 255	0–100%
	2	Fine Pan	000ó 255	0–100%
	3	Tilt	000ó 255	0–100%
	4	Fine Tilt	000ó 255	0–100%
	5	Pan/Tilt Speed	000ó 255	0–100%
	6	Dimmer	000ó 255	0–100%
	7	Shutter	000ó 003	Closed
			004ó 007	Open
			008ó 076	Slow to fast
			077ó 145	Pulse effect from slow to fast
			146ó 215	Random effect from slow to fast
			216ó 255	Open

DMX Values (Cont.)

18CH (Cont.)	Channel	Function	Value	Percent/Setting
8	Color Wheel 2	000	007	Open
		008	015	Yellow
		016	023	Light blue
		024	031	Green
		032	039	Red
		040	047	Magenta
		048	055	Dark blue
		056	063	Orange
		064	127	Split colors
		128	191	Clockwise color scroll, slow to fast
192	255	Counter-clockwise color scroll, slow to fast		
9	Color Wheel 1	000	007	Open
		008	015	CTO 3200 K
		016	023	CTO 5600 K
		024	031	Green
		032	039	UV
		040	047	Orange
		048	055	Pink
		056	063	Light blue
		064	127	Split colors
		128	191	Clockwise color scroll, slow to fast
192	255	Counter-clockwise color scroll, slow to fast		
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

DMX Values (Cont.)

18CH (Cont.)	Channel	Function	Value	Percent/Setting
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
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
17	Frost	000	007	No function
		008	255	Frost effect
18	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