

DMX Values

56CH	Channel	Function	Value	Percent/Setting
	1	Pan	000 ó 255	0–100%
	2	Fine Pan	000 ó 255	Fine control (16-bit)
	3	Tilt	000 ó 255	0–100%
	4	Fine Tilt	000 ó 255	Fine control (16-bit)
	5	Pan/Tilt Speed	000 ó 255	0–100%
	6	Dimmer	000 ó 255	0–100%
	7	Fine Dimmer	000 ó 255	Fine control (16-bit)
	8	Shutter	000 ó 019 Closed 020 ó 024 Open 025 ó 064 Fast to slow 065 ó 069 Open 070 ó 084 Fast on/ramp off 085 ó 089 Open 090 ó 104 Ramp off/fast on 105 ó 109 Open 110 ó 124 Random 125 ó 129 Open 130 ó 144 Random fast on/ramp off 145 ó 149 Open 150 ó 164 Random slow on/fast off 165 ó 169 Open 170 ó 184 Pulse 185 ó 189 Open 190 ó 204 Random pulse 205 ó 209 Open 210 ó 224 Fade on/off 225 ó 229 Open 230 ó 244 Pulse 245 ó 255 Open	
	9	Red 1	000 ó 255	0–100%
	10	Fine Red 1	000 ó 255	Fine control (16-bit)
	11	Green 1	000 ó 255	0–100%
	12	Fine Green 1	000 ó 255	Fine control (16-bit)
	13	Blue 1	000 ó 255	0–100%
	14	Fine Blue 1	000 ó 255	Fine control (16-bit)
	15	White 1	000 ó 255	0–100%
	16	Fine White 1	000 ó 255	Fine control (16-bit)
	17	Red 2	000 ó 255	0–100%
	18	Fine Red 2	000 ó 255	Fine control (16-bit)

DMX Values (Cont.)

56CH (Cont.)	Channel	Function	Value	Percent/Setting
	19	Green 2	000 ó 255	0–100%
	20	Fine Green 2	000 ó 255	Fine control (16-bit)
	21	Blue 2	000 ó 255	0–100%
	22	Fine Blue 2	000 ó 255	Fine control (16-bit)
	23	White 2	000 ó 255	0–100%
	24	Fine White 2	000 ó 255	Fine control (16-bit)
	25	Red 3	000 ó 255	0–100%
	26	Fine Red 3	000 ó 255	Fine control (16-bit)
	27	Green 3	000 ó 255	0–100%
	28	Fine Green 3	000 ó 255	Fine control (16-bit)
	29	Blue 3	000 ó 255	0–100%
	30	Fine Blue 3	000 ó 255	Fine control (16-bit)
	31	White 3	000 ó 255	0–100%
	32	Fine White 3	000 ó 255	Fine control (16-bit)
	33	Red 4	000 ó 255	0–100%
	34	Fine Red 4	000 ó 255	Fine control (16-bit)
	35	Green 4	000 ó 255	0–100%
	36	Fine Green 4	000 ó 255	Fine control (16-bit)
	37	Blue 4	000 ó 255	0–100%
	38	Fine Blue 4	000 ó 255	Fine control (16-bit)
	39	White 4	000 ó 255	0–100%
	40	Fine White 4	000 ó 255	Fine control (16-bit)
	41	Red 5	000 ó 255	0–100%
	42	Fine Red 5	000 ó 255	Fine control (16-bit)
	43	Green 5	000 ó 255	0–100%
	44	Fine Green 5	000 ó 255	Fine control (16-bit)
	45	Blue 5	000 ó 255	0–100%
	46	Fine Blue 5	000 ó 255	Fine control (16-bit)
	47	White 5	000 ó 255	0–100%
	48	Fine White 5	000 ó 255	Fine control (16-bit)

DMX Values (Cont.)

56CH
(Cont.)

Channel	Function	Value	Percent/Setting
49	Color	000 ó 004	Open
		005 ó 009	Color 1
		010 ó 014	Color 2
		015 ó 019	Color 3
		020 ó 024	Color 4
		025 ó 029	Color 5
		030 ó 034	Color 6
		035 ó 039	Color 7
		040 ó 044	Color 8
		045 ó 049	Color 9
		050 ó 054	Color 10
		055 ó 059	Color 11
		060 ó 064	Color 12
		065 ó 069	Color 13
		070 ó 074	Color 14
		075 ó 079	Color 15
		080 ó 084	Color 16
		085 ó 089	Color 17
		090 ó 094	Color 18
		095 ó 099	Color 19
		100 ó 104	Color 20
		105 ó 109	Color 21
		110 ó 114	Color 22
		115 ó 119	Color 23
		120 ó 124	Color 24
		125 ó 129	Color 25
		130 ó 134	Color 26
		135 ó 139	Color 27
		140 ó 144	Color 28
		145 ó 149	Color 29
		150 ó 154	Color 30
		155 ó 159	Color 31
		160 ó 164	Color 32
		165 ó 169	Color 33
		170 ó 174	Color 34
		175 ó 179	Closed
		180 ó 201	Clockwise color scroll, fast to slow
		202 ó 207	Stop on current color
		208 ó 229	Counter-clockwise color scroll, fast to slow
		230 ó 234	Closed
		235 ó 249	Color scroll
		250 ó 255	Closed

DMX Values (Cont.)

56CH (Cont.)	Channel	Function	Value	Percent/Setting
50	Zone Selection		000 ó 007	Zone 1, 2, 3, 4, 5
			008 ó 015	Zone 2, 3, 4, 5
			016 ó 023	Zone 3, 4, 5
			024 ó 031	Zone 4, 5
			032 ó 039	Zone 5
			040 ó 047	No function
			048 ó 055	Zone 1
			056 ó 063	Zone 1, 2
			064 ó 071	Zone 1, 2, 3
			072 ó 079	Zone 1, 2, 3, 4
			080 ó 087	Zone 1, 2, 3, 4, 5
			088 ó 095	Zone 1
			096 ó 103	Zone 2
			104 ó 111	Zone 3
			112 ó 119	Zone 4
			120 ó 127	Zone 5
			128 ó 135	Zone 1, 2
			136 ó 143	Zone 2, 3
			144 ó 151	Zone 3, 4
			152 ó 159	Zone 4, 5
			160 ó 167	Zone 1, 5
			168 ó 175	Zone 1, 2, 3
			176 ó 183	Zone 2, 3, 4
			184 ó 191	Zone 3, 4, 5
			192 ó 199	Zone 1, 4, 5
			200 ó 207	Zone 1, 2, 5
			208 ó 215	Zone 1, 2, 3, 4
			216 ó 223	Zone 2, 3, 4, 5
			224 ó 231	Zone 1, 3, 4, 5
			232 ó 239	Zone 1, 2, 4, 5
			240 ó 247	Zone 1, 2, 3, 5
			250 ó 255	Zone 1, 2, 3, 4, 5

DMX Values (Cont.)

56CH (Cont.)	Channel	Function	Value	Percent/Setting
51	Programs		000 ó 015	No function
			016 ó 020	Ring macro 1
			021 ó 025	Ring macro 2
			026 ó 030	Ring macro 3
			031 ó 035	Ring macro 4
			036 ó 040	Ring macro 5
			041 ó 045	Ring macro 6
			046 ó 050	Ring macro 7
			051 ó 055	Ring macro 8
			056 ó 060	Ring macro 9
			061 ó 065	Ring macro 10
			066 ó 070	Ring macro 11
			071 ó 075	Ring macro 12
			076 ó 080	Ring macro 13
			081 ó 085	Ring macro 14
			086 ó 090	Ring macro 15
			091 ó 095	Ring macro 16
			096 ó 100	Ring macro 17
			101 ó 105	Ring macro 18
			106 ó 110	Ring macro 19
			111 ó 115	Ring macro 20
			116 ó 120	Ring macro 21
			121 ó 125	Ring macro 22
			126 ó 130	Ring macro 23
			131 ó 135	Ring macro 24
			136 ó 140	Color ring macro 1
			141 ó 145	Color ring macro 2
			146 ó 150	Color ring macro 3
			151 ó 155	Color ring macro 4
			156 ó 160	Color ring macro 5
			161 ó 165	Color ring macro 6
			166 ó 170	Color ring macro 7
			171 ó 175	Color ring macro 8
			176 ó 180	Color ring macro 9
			181 ó 185	Color ring macro 10
			186 ó 190	Color ring macro 11
			191 ó 195	Color ring macro 12
			196 ó 200	Color ring macro 13
			201 ó 205	Color ring macro 14
			206 ó 210	Color ring macro 15
			211 ó 215	Color ring macro 16
			216 ó 220	Color ring macro 17
			221 ó 225	Color ring macro 18
			226 ó 230	Color ring macro 19
			231 ó 235	Color ring macro 20
			236 ó 240	Color ring macro 21
			241 ó 245	Color ring macro 22
			246 ó 250	Color ring macro 23
			251 ó 255	Color ring macro 24
52	Auto Speed		000 ó 255	0–100% (Only when using Ch. 51)

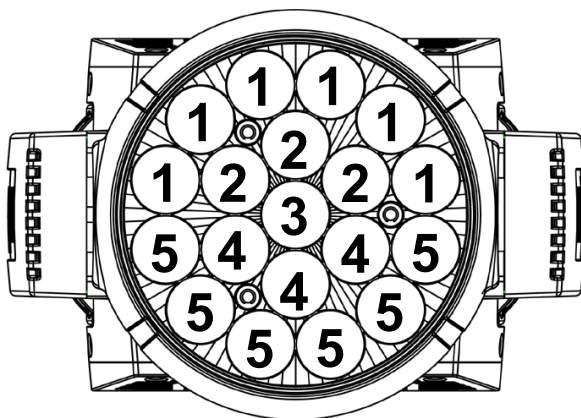
DMX Values (Cont.)

56CH (Cont.)	Channel	Function	Value	Percent/Setting
53		Movement Macros	000 ó 007	No function
			008 ó 023	Effect 1
			024 ó 039	Effect 2
			040 ó 055	Effect 3
			056 ó 071	Effect 4
			072 ó 087	Effect 5
			088 ó 103	Effect 6
			104 ó 119	Effect 7
			120 ó 135	Effect 8
			136 ó 151	Effect 9
			152 ó 167	Effect 10
			168 ó 183	Effect 11
			184 ó 199	Effect 12
			200 ó 215	Effect 13
			216 ó 231	Effect 14
			232 ó 247	Effect 15
			248 ó 255	Effect 16
54		Movement Macro Speed	000 ó 255	0–100%
55		Zoom	000 ó 255	0–100%

DMX Values (Cont.)

56CH (Cont.)	Channel	Function	Value	Percent/Setting
			000 ó 009	No function
			010 ó 014	Blackout during pan/tilt
			015 ó 019	No function
			020 ó 024	No function
			025 ó 029	No function
			030 ó 034	No function
			035 ó 039	No function
			040 ó 044	No function
			045 ó 049	No function
			050 ó 054	Pan reset (5 s activation delay)
			055 ó 059	Tilt reset (5 s activation delay)
			060 ó 064	Zoom reset (5 s activation delay)
			065 ó 069	No function
			070 ó 074	All reset (5 s activation delay)
			075 ó 079	No function
			080 ó 084	Pan/Tilt movement
				reverse (5 s activation delay)
			085 ó 089	Pan movement reverse (5 s activation delay)
			090 ó 094	Tilt movement reverse (5 s activation delay)
			095 ó 099	Disable Pan movement
				reverse (5 s activation delay)
			100 ó 104	Disable Tilt movement
				reverse (5 s activation delay)
			105 ó 109	Disable Pan/Tilt movement
				reverse (5 s activation delay)
			110 ó 114	No function
			115 ó 119	No function
			120 ó 124	Economy fan (5 s activation delay)
			125 ó 129	Full fan (5 s activation delay)
			130 ó 134	Auto fan (5 s activation delay)
			135 ó 139	Fast dimmer curve (5 s activation delay)
			140 ó 144	Smooth dimmer curve (5 s activation delay)
			145 ó 255	No function
	56	Control		

Rogue™ R2 Wash Zone Selection for DMX Control



DMX Values (Cont.)

54CH	Channel	Function	Value	Percent/Setting
	1	Pan	000 ó 255	0–100%
	2	Fine Pan	000 ó 255	Fine control (16-bit)
	3	Tilt	000 ó 255	0–100%
	4	Fine Tilt	000 ó 255	Fine control (16-bit)
	5	Pan/Tilt Speed	000 ó 255	0–100%
	6	Dimmer	000 ó 255	0–100%
	7	Fine Dimmer	000 ó 255	Fine control (16-bit)
	8	Shutter	000 ó 019	Closed
			020 ó 024	Open
			025 ó 064	Fast to slow
			065 ó 069	Open
			070 ó 084	Fast on/ramp off
			085 ó 089	Open
			090 ó 104	Ramp off/fast on
			105 ó 109	Open
			110 ó 124	Random
			125 ó 129	Open
			130 ó 144	Random fast on/ramp off
			145 ó 149	Open
			150 ó 164	Random slow on/fast off
			165 ó 169	Open
			170 ó 184	Pulse
			185 ó 189	Open
			190 ó 204	Random pulse
			205 ó 209	Open
			210 ó 224	Fade on/off
			225 ó 229	Open
			230 ó 244	Pulse
			245 ó 255	Open
	9	Red 1	000 ó 255	0–100%
	10	Fine Red 1	000 ó 255	Fine control (16-bit)
	11	Green 1	000 ó 255	0–100%
	12	Fine Green 1	000 ó 255	Fine control (16-bit)
	13	Blue 1	000 ó 255	0–100%
	14	Fine Blue 1	000 ó 255	Fine control (16-bit)
	15	White 1	000 ó 255	0–100%
	16	Fine White 1	000 ó 255	Fine control (16-bit)
	17	Red 2	000 ó 255	0–100%
	18	Fine Red 2	000 ó 255	Fine control (16-bit)

DMX Values (Cont.)

54CH (Cont.)	Channel	Function	Value	Percent/Setting
	19	Green 2	000 ó 255	0–100%
	20	Fine Green 2	000 ó 255	Fine control (16-bit)
	21	Blue 2	000 ó 255	0–100%
	22	Fine Blue 2	000 ó 255	Fine control (16-bit)
	23	White 2	000 ó 255	0–100%
	24	Fine White 2	000 ó 255	Fine control (16-bit)
	25	Red 3	000 ó 255	0–100%
	26	Fine Red 3	000 ó 255	Fine control (16-bit)
	27	Green 3	000 ó 255	0–100%
	28	Fine Green 3	000 ó 255	Fine control (16-bit)
	29	Blue 3	000 ó 255	0–100%
	30	Fine Blue 3	000 ó 255	Fine control (16-bit)
	31	White 3	000 ó 255	0–100%
	32	Fine White 3	000 ó 255	Fine control (16-bit)
	33	Red 4	000 ó 255	0–100%
	34	Fine Red 4	000 ó 255	Fine control (16-bit)
	35	Green 4	000 ó 255	0–100%
	36	Fine Green 4	000 ó 255	Fine control (16-bit)
	37	Blue 4	000 ó 255	0–100%
	38	Fine Blue 4	000 ó 255	Fine control (16-bit)
	39	White 4	000 ó 255	0–100%
	40	Fine White 4	000 ó 255	Fine control (16-bit)
	41	Red 5	000 ó 255	0–100%
	42	Fine Red 5	000 ó 255	Fine control (16-bit)
	43	Green 5	000 ó 255	0–100%
	44	Fine Green 5	000 ó 255	Fine control (16-bit)
	45	Blue 5	000 ó 255	0–100%
	46	Fine Blue 5	000 ó 255	Fine control (16-bit)
	47	White 5	000 ó 255	0–100%
	48	Fine White 5	000 ó 255	Fine control (16-bit)

DMX Values (Cont.)

54CH
(Cont.)

Channel	Function	Value	Percent/Setting
49	Color	000 ó 004	Open
		005 ó 009	Color 1
		010 ó 014	Color 2
		015 ó 019	Color 3
		020 ó 024	Color 4
		025 ó 029	Color 5
		030 ó 034	Color 6
		035 ó 039	Color 7
		040 ó 044	Color 8
		045 ó 049	Color 9
		050 ó 054	Color 10
		055 ó 059	Color 11
		060 ó 064	Color 12
		065 ó 069	Color 13
		070 ó 074	Color 14
		075 ó 079	Color 15
		080 ó 084	Color 16
		085 ó 089	Color 17
		090 ó 094	Color 18
		095 ó 099	Color 19
		100 ó 104	Color 20
		105 ó 109	Color 21
		110 ó 114	Color 22
		115 ó 119	Color 23
		120 ó 124	Color 24
		125 ó 129	Color 25
		130 ó 134	Color 26
		135 ó 139	Color 27
		140 ó 144	Color 28
		145 ó 149	Color 29
		150 ó 154	Color 30
		155 ó 159	Color 31
		160 ó 164	Color 32
		165 ó 169	Color 33
		170 ó 174	Color 34
		175 ó 179	Closed
		180 ó 201	Clockwise color scroll, fast to slow
		202 ó 207	Stop on current color
		208 ó 229	Counter-clockwise color scroll, fast to slow
		230 ó 234	Closed
		235 ó 249	Color scroll
		250 ó 255	Closed

DMX Values (Cont.)

54CH (Cont.)	Channel	Function	Value	Percent/Setting
	50	Zone Selection		
			000 ó 007	Zone 1, 2, 3, 4, 5
			008 ó 015	Zone 2, 3, 4, 5
			016 ó 023	Zone 3, 4, 5
			024 ó 031	Zone 4, 5
			032 ó 039	Zone 5
			040 ó 047	No function
			048 ó 055	Zone 1
			056 ó 063	Zone 1, 2
			064 ó 071	Zone 1, 2, 3
			072 ó 079	Zone 1, 2, 3, 4
			080 ó 087	Zone 1, 2, 3, 4, 5
			088 ó 095	Zone 1
			096 ó 103	Zone 2
			104 ó 111	Zone 3
			112 ó 119	Zone 4
			120 ó 127	Zone 5
			128 ó 135	Zone 1, 2
			136 ó 143	Zone 2, 3
			144 ó 151	Zone 3, 4
			152 ó 159	Zone 4, 5
			160 ó 167	Zone 1, 5
			168 ó 175	Zone 1, 2, 3
			176 ó 183	Zone 2, 3, 4
			184 ó 191	Zone 3, 4, 5
			192 ó 199	Zone 1, 4, 5
			200 ó 207	Zone 1, 2, 5
			208 ó 215	Zone 1, 2, 3, 4
			216 ó 223	Zone 2, 3, 4, 5
			224 ó 231	Zone 1, 3, 4, 5
			232 ó 239	Zone 1, 2, 4, 5
			240 ó 247	Zone 1, 2, 3, 5
			250 ó 255	Zone 1, 2, 3, 4, 5

DMX Values (Cont.)

**54CH
(Cont.)**

Channel	Function	Value	Percent/Setting
51	Programs	000 ó 015	No function
		016 ó 020	Ring macro 1
		021 ó 025	Ring macro 2
		026 ó 030	Ring macro 3
		031 ó 035	Ring macro 4
		036 ó 040	Ring macro 5
		041 ó 045	Ring macro 6
		046 ó 050	Ring macro 7
		051 ó 055	Ring macro 8
		056 ó 060	Ring macro 9
		061 ó 065	Ring macro 10
		066 ó 070	Ring macro 11
		071 ó 075	Ring macro 12
		076 ó 080	Ring macro 13
		081 ó 085	Ring macro 14
		086 ó 090	Ring macro 15
		091 ó 095	Ring macro 16
		096 ó 100	Ring macro 17
		101 ó 105	Ring macro 18
		106 ó 110	Ring macro 19
		111 ó 115	Ring macro 20
		116 ó 120	Ring macro 21
		121 ó 125	Ring macro 22
		126 ó 130	Ring macro 23
		131 ó 135	Ring macro 24
		136 ó 140	Color ring macro 1
		141 ó 145	Color ring macro 2
		146 ó 150	Color ring macro 3
		151 ó 155	Color ring macro 4
		156 ó 160	Color ring macro 5
		161 ó 165	Color ring macro 6
		166 ó 170	Color ring macro 7
		171 ó 175	Color ring macro 8
		176 ó 180	Color ring macro 9
		181 ó 185	Color ring macro 10
		186 ó 190	Color ring macro 11
		191 ó 195	Color ring macro 12
		196 ó 200	Color ring macro 13
		201 ó 205	Color ring macro 14
		206 ó 210	Color ring macro 15
		211 ó 215	Color ring macro 16
		216 ó 220	Color ring macro 17
		221 ó 225	Color ring macro 18
		226 ó 230	Color ring macro 19
		231 ó 235	Color ring macro 20
		236 ó 240	Color ring macro 21
		241 ó 245	Color ring macro 22
		246 ó 250	Color ring macro 23
		251 ó 255	Color ring macro 24
52	Auto Speed	000 ó 255	0–100% (Only when using Ch. 51)

DMX Values (Cont.)

54CH (Cont.)	Channel	Function	Value	Percent/Setting
	53	Zoom	000 ó 255	0–100%
			000 ó 009	No function
			010 ó 014	Blackout during pan/tilt
			015 ó 019	No function
			020 ó 024	No function
			025 ó 029	No function
			030 ó 034	No function
			035 ó 039	No function
			040 ó 044	No function
			045 ó 049	No function
			050 ó 054	Pan reset (5 s activation delay)
			055 ó 059	Tilt reset (5 s activation delay)
			060 ó 064	Zoom reset (5 s activation delay)
			065 ó 069	No function
			070 ó 074	All reset (5 s activation delay)
			075 ó 079	No function
			080 ó 084	Pan/Tilt movement
				reverse (5 s activation delay)
			085 ó 089	Pan movement reverse (5 s activation delay)
			090 ó 094	Tilt movement reverse (5 s activation delay)
			095 ó 099	Disable Pan movement
				reverse (5 s activation delay)
			100 ó 104	Disable Tilt movement
				reverse (5 s activation delay)
			105 ó 109	Disable Pan/Tilt movement
				reverse (5 s activation delay)
			110 ó 114	No function
			115 ó 119	No function
			120 ó 124	Economy fan (5 s activation delay)
			125 ó 129	Full fan (5 s activation delay)
			130 ó 134	Auto fan (5 s activation delay)
			135 ó 139	Fast dimmer curve (5 s activation delay)
			140 ó 144	Smooth dimmer curve (5 s activation delay)
			145 ó 255	No function
	54	Control		

DMX Values (Cont.)

54CH MS	Channel	Function	Value	Percent/Setting
	1	Pan	000 ó 255	0–100%
	2	Fine Pan	000 ó 255	Fine control (16-bit)
	3	Tilt	000 ó 255	0–100%
	4	Fine Tilt	000 ó 255	Fine control (16-bit)
	5	Pan/Tilt Speed	000 ó 255	0–100%
	6	Dimmer	000 ó 255	0–100%
	7	Fine Dimmer	000 ó 255	Fine control (16-bit)
	8	Shutter	000 ó 019	Closed
			020 ó 024	Open
			025 ó 064	Fast to slow
			065 ó 069	Open
			070 ó 084	Fast on/ramp off
			085 ó 089	Open
			090 ó 104	Ramp off/fast on
			105 ó 109	Open
			110 ó 124	Random
			125 ó 129	Open
			130 ó 144	Random fast on/ramp off
			145 ó 149	Open
			150 ó 164	Random slow on/fast off
			165 ó 169	Open
			170 ó 184	Pulse
			185 ó 189	Open
			190 ó 204	Random pulse
			205 ó 209	Open
			210 ó 224	Fade on/off
			225 ó 229	Open
			230 ó 244	Pulse
			245 ó 255	Open

DMX Values (Cont.)

54CH MS
(Cont.)

Channel	Function	Value	Percent/Setting
9	Color	000 ó 004	Open
		005 ó 009	Color 1
		010 ó 014	Color 2
		015 ó 019	Color 3
		020 ó 024	Color 4
		025 ó 029	Color 5
		030 ó 034	Color 6
		035 ó 039	Color 7
		040 ó 044	Color 8
		045 ó 049	Color 9
		050 ó 054	Color 10
		055 ó 059	Color 11
		060 ó 064	Color 12
		065 ó 069	Color 13
		070 ó 074	Color 14
		075 ó 079	Color 15
		080 ó 084	Color 16
		085 ó 089	Color 17
		090 ó 094	Color 18
		095 ó 099	Color 19
		100 ó 104	Color 20
		105 ó 109	Color 21
		110 ó 114	Color 22
		115 ó 119	Color 23
		120 ó 124	Color 24
		125 ó 129	Color 25
		130 ó 134	Color 26
		135 ó 139	Color 27
		140 ó 144	Color 28
		145 ó 149	Color 29
		150 ó 154	Color 30
		155 ó 159	Color 31
		160 ó 164	Color 32
		165 ó 169	Color 33
		170 ó 174	Color 34
		175 ó 179	Closed
		180 ó 201	Clockwise color scroll, fast to slow
		202 ó 207	Stop on current color
		208 ó 229	Counter-clockwise color scroll, fast to slow
		230 ó 234	Closed
		235 ó 249	Color scroll
		250 ó 255	Closed

DMX Values (Cont.)

54CH MS (Cont.)	Channel	Function	Value	Percent/Setting
10	Zone Selection		000 ó 007	Zone 1, 2, 3, 4, 5
			008 ó 015	Zone 2, 3, 4, 5
			016 ó 023	Zone 3, 4, 5
			024 ó 031	Zone 4, 5
			032 ó 039	Zone 5
			040 ó 047	No function
			048 ó 055	Zone 1
			056 ó 063	Zone 1, 2
			064 ó 071	Zone 1, 2, 3
			072 ó 079	Zone 1, 2, 3, 4
			080 ó 087	Zone 1, 2, 3, 4, 5
			088 ó 095	Zone 1
			096 ó 103	Zone 2
			104 ó 111	Zone 3
			112 ó 119	Zone 4
			120 ó 127	Zone 5
			128 ó 135	Zone 1, 2
			136 ó 143	Zone 2, 3
			144 ó 151	Zone 3, 4
			152 ó 159	Zone 4, 5
			160 ó 167	Zone 1, 5
			168 ó 175	Zone 1, 2, 3
			176 ó 183	Zone 2, 3, 4
			184 ó 191	Zone 3, 4, 5
			192 ó 199	Zone 1, 4, 5
			200 ó 207	Zone 1, 2, 5
			208 ó 215	Zone 1, 2, 3, 4
			216 ó 223	Zone 2, 3, 4, 5
			224 ó 231	Zone 1, 3, 4, 5
			232 ó 239	Zone 1, 2, 4, 5
			240 ó 247	Zone 1, 2, 3, 5
			250 ó 255	Zone 1, 2, 3, 4, 5

DMX Values (Cont.)

54CH MS
(Cont.)

Channel	Function	Value	Percent/Setting
11	Programs	000 ó 015	No function
		016 ó 020	Ring macro 1
		021 ó 025	Ring macro 2
		026 ó 030	Ring macro 3
		031 ó 035	Ring macro 4
		036 ó 040	Ring macro 5
		041 ó 045	Ring macro 6
		046 ó 050	Ring macro 7
		051 ó 055	Ring macro 8
		056 ó 060	Ring macro 9
		061 ó 065	Ring macro 10
		066 ó 070	Ring macro 11
		071 ó 075	Ring macro 12
		076 ó 080	Ring macro 13
		081 ó 085	Ring macro 14
		086 ó 090	Ring macro 15
		091 ó 095	Ring macro 16
		096 ó 100	Ring macro 17
		101 ó 105	Ring macro 18
		106 ó 110	Ring macro 19
		111 ó 115	Ring macro 20
		116 ó 120	Ring macro 21
		121 ó 125	Ring macro 22
		126 ó 130	Ring macro 23
		131 ó 135	Ring macro 24
		136 ó 140	Color ring macro 1
		141 ó 145	Color ring macro 2
		146 ó 150	Color ring macro 3
		151 ó 155	Color ring macro 4
		156 ó 160	Color ring macro 5
		161 ó 165	Color ring macro 6
		166 ó 170	Color ring macro 7
		171 ó 175	Color ring macro 8
		176 ó 180	Color ring macro 9
		181 ó 185	Color ring macro 10
		186 ó 190	Color ring macro 11
		191 ó 195	Color ring macro 12
		196 ó 200	Color ring macro 13
		201 ó 205	Color ring macro 14
		206 ó 210	Color ring macro 15
		211 ó 215	Color ring macro 16
		216 ó 220	Color ring macro 17
		221 ó 225	Color ring macro 18
		226 ó 230	Color ring macro 19
		231 ó 235	Color ring macro 20
		236 ó 240	Color ring macro 21
		241 ó 245	Color ring macro 22
		246 ó 250	Color ring macro 23
		251 ó 255	Color ring macro 24
12	Auto Speed	000 ó 255	0–100% (Only when using Ch. 11)

DMX Values (Cont.)

54CH MS (Cont.)	Channel	Function	Value	Percent/Setting
	13	Zoom	000 ó 255	0–100%
14	Control		000 ó 009	No function
			010 ó 014	Blackout during pan/tilt
			015 ó 019	No function
			020 ó 024	No function
			025 ó 029	No function
			030 ó 034	No function
			035 ó 039	No function
			040 ó 044	No function
			045 ó 049	No function
			050 ó 054	Pan reset (5 s activation delay)
			055 ó 059	Tilt reset (5 s activation delay)
			060 ó 064	Zoom reset (5 s activation delay)
			065 ó 069	No function
			070 ó 074	All reset (5 s activation delay)
			075 ó 079	No function
			080 ó 084	Pan/Tilt movement
				reverse (5 s activation delay)
			085 ó 089	Pan movement reverse (5 s activation delay)
			090 ó 094	Tilt movement reverse (5 s activation delay)
			095 ó 099	Disable Pan movement
				reverse (5 s activation delay)
			100 ó 104	Disable Tilt movement
				reverse (5 s activation delay)
			105 ó 109	Disable Pan/Tilt movement
				reverse (5 s activation delay)
			110 ó 114	No function
			115 ó 119	No function
			120 ó 124	Economy fan (5 s activation delay)
			125 ó 129	Full fan (5 s activation delay)
			130 ó 134	Auto fan (5 s activation delay)
			135 ó 139	Fast dimmer curve (5 s activation delay)
			140 ó 144	Smooth dimmer curve (5 s activation delay)
			145 ó 255	No function
15	Red 1		000 ó 255	0–100%
16	Fine Red 1		000 ó 255	Fine control (16-bit)
17	Green 1		000 ó 255	0–100%
18	Fine Green 1		000 ó 255	Fine control (16-bit)
19	Blue 1		000 ó 255	0–100%
20	Fine Blue 1		000 ó 255	Fine control (16-bit)
21	White 1		000 ó 255	0–100%
22	Fine White 1		000 ó 255	Fine control (16-bit)
23	Red 2		000 ó 255	0–100%
24	Fine Red 2		000 ó 255	Fine control (16-bit)

DMX Values (Cont.)

54CH MS
(Cont.)

Channel	Function	Value	Percent/Setting
25	Green 2	000 ó 255	0–100%
26	Fine Green 2	000 ó 255	Fine control (16-bit)
27	Blue 2	000 ó 255	0–100%
28	Fine Blue 2	000 ó 255	Fine control (16-bit)
29	White 2	000 ó 255	0–100%
30	Fine White 2	000 ó 255	Fine control (16-bit)
31	Red 3	000 ó 255	0–100%
32	Fine Red 3	000 ó 255	Fine control (16-bit)
33	Green 3	000 ó 255	0–100%
34	Fine Green 3	000 ó 255	Fine control (16-bit)
35	Blue 3	000 ó 255	0–100%
36	Fine Blue 3	000 ó 255	Fine control (16-bit)
37	White 3	000 ó 255	0–100%
38	Fine White 3	000 ó 255	Fine control (16-bit)
39	Red 4	000 ó 255	0–100%
40	Fine Red 4	000 ó 255	Fine control (16-bit)
41	Green 4	000 ó 255	0–100%
42	Fine Green 4	000 ó 255	Fine control (16-bit)
43	Blue 4	000 ó 255	0–100%
44	Fine Blue 4	000 ó 255	Fine control (16-bit)
45	White 4	000 ó 255	0–100%
46	Fine White 4	000 ó 255	Fine control (16-bit)
47	Red 5	000 ó 255	0–100%
48	Fine Red 5	000 ó 255	Fine control (16-bit)
49	Green 5	000 ó 255	0–100%
50	Fine Green 5	000 ó 255	Fine control (16-bit)
51	Blue 5	000 ó 255	0–100%
52	Fine Blue 5	000 ó 255	Fine control (16-bit)
53	White 5	000 ó 255	0–100%
54	Fine White 5	000 ó 255	Fine control (16-bit)

DMX Values (Cont.)

33CH	Channel	Function	Value	Percent/Setting
	1	Pan	000 ó 255	0–100%
	2	Fine Pan	000 ó 255	Fine control (16-bit)
	3	Tilt	000 ó 255	0–100%
	4	Fine Tilt	000 ó 255	Fine control (16-bit)
	5	Pan/Tilt Speed	000 ó 255	0–100%
	6	Dimmer	000 ó 255	0–100%
	7	Shutter	000 ó 019 Closed 020 ó 024 Open 025 ó 064 Fast to slow 065 ó 069 Open 070 ó 084 Fast on/ramp off 085 ó 089 Open 090 ó 104 Ramp off/fast on 105 ó 109 Open 110 ó 124 Random 125 ó 129 Open 130 ó 144 Random fast on/ramp off 145 ó 149 Open 150 ó 164 Random slow on/fast off 165 ó 169 Open 170 ó 184 Pulse 185 ó 189 Open 190 ó 204 Random pulse 205 ó 209 Open 210 ó 224 Fade on/off 225 ó 229 Open 230 ó 244 Pulse 245 ó 255 Open	
	8	Red 1	000 ó 255	0–100%
	9	Green 1	000 ó 255	0–100%
	10	Blue 1	000 ó 255	0–100%
	11	White 1	000 ó 255	0–100%
	12	Red 2	000 ó 255	0–100%
	13	Green 2	000 ó 255	0–100%
	14	Blue 2	000 ó 255	0–100%
	15	White 2	000 ó 255	0–100%
	16	Red 3	000 ó 255	0–100%
	17	Green 3	000 ó 255	0–100%
	18	Blue 3	000 ó 255	0–100%
	19	White 3	000 ó 255	0–100%
	20	Red 4	000 ó 255	0–100%
	21	Green 4	000 ó 255	0–100%
	22	Blue 4	000 ó 255	0–100%
	23	White 4	000 ó 255	0–100%

DMX Values (Cont.)

33CH (Cont.)	Channel	Function	Value	Percent/Setting
	24	Red 5	000 ó 255	0–100%
	25	Green 5	000 ó 255	0–100%
	26	Blue 5	000 ó 255	0–100%
	27	White 5	000 ó 255	0–100%
			000 ó 004	Open
			005 ó 009	Color 1
			010 ó 014	Color 2
			015 ó 019	Color 3
			020 ó 024	Color 4
			025 ó 029	Color 5
			030 ó 034	Color 6
			035 ó 039	Color 7
			040 ó 044	Color 8
			045 ó 049	Color 9
			050 ó 054	Color 10
			055 ó 059	Color 11
			060 ó 064	Color 12
			065 ó 069	Color 13
			070 ó 074	Color 14
			075 ó 079	Color 15
			080 ó 084	Color 16
			085 ó 089	Color 17
			090 ó 094	Color 18
			095 ó 099	Color 19
			100 ó 104	Color 20
			105 ó 109	Color 21
			110 ó 114	Color 22
			115 ó 119	Color 23
			120 ó 124	Color 24
			125 ó 129	Color 25
			130 ó 134	Color 26
			135 ó 139	Color 27
			140 ó 144	Color 28
			145 ó 149	Color 29
			150 ó 154	Color 30
			155 ó 159	Color 31
			160 ó 164	Color 32
			165 ó 169	Color 33
			170 ó 174	Color 34
			175 ó 179	Closed
			180 ó 201	Clockwise color scroll, fast to slow
			202 ó 207	Stop on current color
			208 ó 229	Counter-clockwise color scroll, fast to slow
			230 ó 234	Closed
			235 ó 249	Color scroll
			250 ó 255	Closed

28 Color

DMX Values (Cont.)

33CH (Cont.)	Channel	Function	Value	Percent/Setting
	29	Zone Selection	000 ó 007	Zone 1, 2, 3, 4, 5
			008 ó 015	Zone 2, 3, 4, 5
			016 ó 023	Zone 3, 4, 5
			024 ó 031	Zone 4, 5
			032 ó 039	Zone 5
			040 ó 047	No function
			048 ó 055	Zone 1
			056 ó 063	Zone 1, 2
			064 ó 071	Zone 1, 2, 3
			072 ó 079	Zone 1, 2, 3, 4
			080 ó 087	Zone 1, 2, 3, 4, 5
			088 ó 095	Zone 1
			096 ó 103	Zone 2
			104 ó 111	Zone 3
			112 ó 119	Zone 4
			120 ó 127	Zone 5
			128 ó 135	Zone 1, 2
			136 ó 143	Zone 2, 3
			144 ó 151	Zone 3, 4
			152 ó 159	Zone 4, 5
			160 ó 167	Zone 1, 5
			168 ó 175	Zone 1, 2, 3
			176 ó 183	Zone 2, 3, 4
			184 ó 191	Zone 3, 4, 5
			192 ó 199	Zone 1, 4, 5
			200 ó 207	Zone 1, 2, 5
			208 ó 215	Zone 1, 2, 3, 4
			216 ó 223	Zone 2, 3, 4, 5
			224 ó 231	Zone 1, 3, 4, 5
			232 ó 239	Zone 1, 2, 4, 5
			240 ó 247	Zone 1, 2, 3, 5
			250 ó 255	Zone 1, 2, 3, 4, 5

DMX Values (Cont.)

33CH (Cont.)	Channel	Function	Value	Percent/Setting
	30	Programs	000 ó 015	No function
			016 ó 020	Ring macro 1
			021 ó 025	Ring macro 2
			026 ó 030	Ring macro 3
			031 ó 035	Ring macro 4
			036 ó 040	Ring macro 5
			041 ó 045	Ring macro 6
			046 ó 050	Ring macro 7
			051 ó 055	Ring macro 8
			056 ó 060	Ring macro 9
			061 ó 065	Ring macro 10
			066 ó 070	Ring macro 11
			071 ó 075	Ring macro 12
			076 ó 080	Ring macro 13
			081 ó 085	Ring macro 14
			086 ó 090	Ring macro 15
			091 ó 095	Ring macro 16
			096 ó 100	Ring macro 17
			101 ó 105	Ring macro 18
			106 ó 110	Ring macro 19
			111 ó 115	Ring macro 20
			116 ó 120	Ring macro 21
			121 ó 125	Ring macro 22
			126 ó 130	Ring macro 23
			131 ó 135	Ring macro 24
			136 ó 140	Color ring macro 1
			141 ó 145	Color ring macro 2
			146 ó 150	Color ring macro 3
			151 ó 155	Color ring macro 4
			156 ó 160	Color ring macro 5
			161 ó 165	Color ring macro 6
			166 ó 170	Color ring macro 7
			171 ó 175	Color ring macro 8
			176 ó 180	Color ring macro 9
			181 ó 185	Color ring macro 10
			186 ó 190	Color ring macro 11
			191 ó 195	Color ring macro 12
			196 ó 200	Color ring macro 13
			201 ó 205	Color ring macro 14
			206 ó 210	Color ring macro 15
			211 ó 215	Color ring macro 16
			216 ó 220	Color ring macro 17
			221 ó 225	Color ring macro 18
			226 ó 230	Color ring macro 19
			231 ó 235	Color ring macro 20
			236 ó 240	Color ring macro 21
			241 ó 245	Color ring macro 22
			246 ó 250	Color ring macro 23
			251 ó 255	Color ring macro 24
	31	Auto Speed	000 ó 255	0–100% (Only when using Ch. 30)

DMX Values (Cont.)

33CH (Cont.)	Channel	Function	Value	Percent/Setting
	32	Zoom	000 ó 255	0–100%
			000 ó 009	No function
			010 ó 014	Blackout during pan/tilt
			015 ó 019	No function
			020 ó 024	No function
			025 ó 029	No function
			030 ó 034	No function
			035 ó 039	No function
			040 ó 044	No function
			045 ó 049	No function
			050 ó 054	Pan reset (5 s activation delay)
			055 ó 059	Tilt reset (5 s activation delay)
			060 ó 064	Zoom reset (5 s activation delay)
			065 ó 069	No function
			070 ó 074	All reset (5 s activation delay)
			075 ó 079	No function
			080 ó 084	Pan/Tilt movement
			reverse (5 s activation delay)	
			085 ó 089	Pan movement reverse (5 s activation delay)
			090 ó 094	Tilt movement reverse (5 s activation delay)
			095 ó 099	Disable Pan movement
			reverse (5 s activation delay)	
			100 ó 104	Disable Tilt movement
			reverse (5 s activation delay)	
			105 ó 109	Disable Pan/Tilt movement
			reverse (5 s activation delay)	
			110 ó 114	No function
			115 ó 119	No function
			120 ó 124	Economy fan (5 s activation delay)
			125 ó 129	Full fan (5 s activation delay)
			130 ó 134	Auto fan (5 s activation delay)
			135 ó 139	Fast dimmer curve (5 s activation delay)
			140 ó 144	Smooth dimmer curve (5 s activation delay)
			145 ó 255	No function

DMX Values (Cont.)

33CH MS

Channel	Function	Value	Percent/Setting
1	Pan	000 ó 255	0–100%
2	Fine Pan	000 ó 255	Fine control (16-bit)
3	Tilt	000 ó 255	0–100%
4	Fine Tilt	000 ó 255	Fine control (16-bit)
5	Pan/Tilt Speed	000 ó 255	0–100%
6	Dimmer	000 ó 255	0–100%
7	Shutter	000 ó 019	Closed
		020 ó 024	Open
		025 ó 064	Fast to slow
		065 ó 069	Open
		070 ó 084	Fast on/ramp off
		085 ó 089	Open
		090 ó 104	Ramp off/fast on
		105 ó 109	Open
		110 ó 124	Random
		125 ó 129	Open
		130 ó 144	Random fast on/ramp off
		145 ó 149	Open
		150 ó 164	Random slow on/fast off
		165 ó 169	Open
		170 ó 184	Pulse
		185 ó 189	Open
		190 ó 204	Random pulse
		205 ó 209	Open
		210 ó 224	Fade on/off
		225 ó 229	Open
		230 ó 244	Pulse
		245 ó 255	Open

DMX Values (Cont.)

33CH MS
(Cont.)

Channel	Function	Value	Percent/Setting
8	Color	000 ó 004	Open
		005 ó 009	Color 1
		010 ó 014	Color 2
		015 ó 019	Color 3
		020 ó 024	Color 4
		025 ó 029	Color 5
		030 ó 034	Color 6
		035 ó 039	Color 7
		040 ó 044	Color 8
		045 ó 049	Color 9
		050 ó 054	Color 10
		055 ó 059	Color 11
		060 ó 064	Color 12
		065 ó 069	Color 13
		070 ó 074	Color 14
		075 ó 079	Color 15
		080 ó 084	Color 16
		085 ó 089	Color 17
		090 ó 094	Color 18
		095 ó 099	Color 19
		100 ó 104	Color 20
		105 ó 109	Color 21
		110 ó 114	Color 22
		115 ó 119	Color 23
		120 ó 124	Color 24
		125 ó 129	Color 25
		130 ó 134	Color 26
		135 ó 139	Color 27
		140 ó 144	Color 28
		145 ó 149	Color 29
		150 ó 154	Color 30
		155 ó 159	Color 31
		160 ó 164	Color 32
		165 ó 169	Color 33
		170 ó 174	Color 34
		175 ó 179	Closed
		180 ó 201	Clockwise color scroll, fast to slow
		202 ó 207	Stop on current color
		208 ó 229	Counter-clockwise color scroll, fast to slow
		230 ó 234	Closed
		235 ó 249	Color scroll
		250 ó 255	Closed

DMX Values (Cont.)

33CH MS
(Cont.)

Channel	Function	Value	Percent/Setting
9	Zone Selection	000 ó 007	Zone 1, 2, 3, 4, 5
		008 ó 015	Zone 2, 3, 4, 5
		016 ó 023	Zone 3, 4, 5
		024 ó 031	Zone 4, 5
		032 ó 039	Zone 5
		040 ó 047	No function
		048 ó 055	Zone 1
		056 ó 063	Zone 1, 2
		064 ó 071	Zone 1, 2, 3
		072 ó 079	Zone 1, 2, 3, 4
		080 ó 087	Zone 1, 2, 3, 4, 5
		088 ó 095	Zone 1
		096 ó 103	Zone 2
		104 ó 111	Zone 3
		112 ó 119	Zone 4
		120 ó 127	Zone 5
		128 ó 135	Zone 1, 2
		136 ó 143	Zone 2, 3
		144 ó 151	Zone 3, 4
		152 ó 159	Zone 4, 5
		160 ó 167	Zone 1, 5
		168 ó 175	Zone 1, 2, 3
		176 ó 183	Zone 2, 3, 4
		184 ó 191	Zone 3, 4, 5
		192 ó 199	Zone 1, 4, 5
		200 ó 207	Zone 1, 2, 5
		208 ó 215	Zone 1, 2, 3, 4
		216 ó 223	Zone 2, 3, 4, 5
		224 ó 231	Zone 1, 3, 4, 5
		232 ó 239	Zone 1, 2, 4, 5
		240 ó 247	Zone 1, 2, 3, 5
		250 ó 255	Zone 1, 2, 3, 4, 5
10	Programs	000 ó 015	No function
		016 ó 020	Ring macro 1
		021 ó 025	Ring macro 2
		026 ó 030	Ring macro 3
		031 ó 035	Ring macro 4
		036 ó 040	Ring macro 5
		041 ó 045	Ring macro 6
		046 ó 050	Ring macro 7
		051 ó 055	Ring macro 8
		056 ó 060	Ring macro 9
		061 ó 065	Ring macro 10
		066 ó 070	Ring macro 11
		071 ó 075	Ring macro 12
		076 ó 080	Ring macro 13
		081 ó 085	Ring macro 14
		086 ó 090	Ring macro 15
		091 ó 095	Ring macro 16
		096 ó 100	Ring macro 17
		101 ó 105	Ring macro 18
		106 ó 110	Ring macro 19

DMX Values (Cont.)

33CH MS
(Cont.)

Channel	Function	Value	Percent/Setting
10	Programs (Cont.)	111 ó 115	Ring macro 20
		116 ó 120	Ring macro 21
		121 ó 125	Ring macro 22
		126 ó 130	Ring macro 23
		131 ó 135	Ring macro 24
		136 ó 140	Color ring macro 1
		141 ó 145	Color ring macro 2
		146 ó 150	Color ring macro 3
		151 ó 155	Color ring macro 4
		156 ó 160	Color ring macro 5
		161 ó 165	Color ring macro 6
		166 ó 170	Color ring macro 7
		171 ó 175	Color ring macro 8
		176 ó 180	Color ring macro 9
		181 ó 185	Color ring macro 10
		186 ó 190	Color ring macro 11
		191 ó 195	Color ring macro 12
		196 ó 200	Color ring macro 13
		201 ó 205	Color ring macro 14
		206 ó 210	Color ring macro 15
		211 ó 215	Color ring macro 16
		216 ó 220	Color ring macro 17
		221 ó 225	Color ring macro 18
		226 ó 230	Color ring macro 19
		231 ó 235	Color ring macro 20
		236 ó 240	Color ring macro 21
		241 ó 245	Color ring macro 22
		246 ó 250	Color ring macro 23
		251 ó 255	Color ring macro 24
11	Auto Speed	000 ó 255	0–100% (Only when using Ch. 10)
12	Zoom	000 ó 255	0–100%
13	Control	000 ó 009	No function
		010 ó 014	Blackout during pan/tilt
		015 ó 019	No function
		020 ó 024	No function
		025 ó 029	No function
		030 ó 034	No function
		035 ó 039	No function
		040 ó 044	No function
		045 ó 049	No function
		050 ó 054	Pan reset (5 s activation delay)
		055 ó 059	Tilt reset (5 s activation delay)
		060 ó 064	Zoom reset (5 s activation delay)
		065 ó 069	No function
		070 ó 074	All reset (5 s activation delay)
		075 ó 079	No function
		080 ó 084	Pan/Tilt movement reverse (5 s activation delay)
		085 ó 089	Pan movement reverse (5 s activation delay)
		090 ó 094	Tilt movement reverse (5 s activation delay)

DMX Values (Cont.)

33CH MS
(Cont.)

Channel	Function	Value	Percent/Setting
13	Control (Cont.)	095 ó 099	Disable Pan movement reverse (5 s activation delay)
		100 ó 104	Disable Tilt movement reverse (5 s activation delay)
		105 ó 109	Disable Pan/Tilt movement reverse (5 s activation delay)
		110 ó 114	No function
		115 ó 119	No function
		120 ó 124	Economy fan (5 s activation delay)
		125 ó 129	Full fan (5 s activation delay)
		130 ó 134	Auto fan (5 s activation delay)
		135 ó 139	Fast dimmer curve (5 s activation delay)
		140 ó 144	Smooth dimmer curve (5 s activation delay)
		145 ó 255	No function
14	Red 1	000 ó 255	0–100%
15	Green 1	000 ó 255	0–100%
16	Blue 1	000 ó 255	0–100%
17	White 1	000 ó 255	0–100%
18	Red 2	000 ó 255	0–100%
19	Green 2	000 ó 255	0–100%
20	Blue 2	000 ó 255	0–100%
21	White 2	000 ó 255	0–100%
22	Red 3	000 ó 255	0–100%
23	Green 3	000 ó 255	0–100%
24	Blue 3	000 ó 255	0–100%
25	White 3	000 ó 255	0–100%
26	Red 4	000 ó 255	0–100%
27	Green 4	000 ó 255	0–100%
28	Blue 4	000 ó 255	0–100%
29	White 4	000 ó 255	0–100%
30	Red 5	000 ó 255	0–100%
31	Green 5	000 ó 255	0–100%
32	Blue 5	000 ó 255	0–100%
33	White 5	000 ó 255	0–100%

DMX Values (Cont.)

22CH	Channel	Function	Value	Percent/Setting
	1	Pan	000 ó 255	0–100%
	2	Fine Pan	000 ó 255	Fine control (16-bit)
	3	Tilt	000 ó 255	0–100%
	4	Fine Tilt	000 ó 255	Fine control (16-bit)
	5	Pan/Tilt Speed	000 ó 255	0–100%
	6	Dimmer	000 ó 255	0–100%
	7	Fine Dimmer	000 ó 255	Fine control (16-bit)
	8	Shutter	000 ó 019 Closed 020 ó 024 Open 025 ó 064 Fast to slow 065 ó 069 Open 070 ó 084 Fast on/ramp off 085 ó 089 Open 090 ó 104 Ramp off/fast on 105 ó 109 Open 110 ó 124 Random 125 ó 129 Open 130 ó 144 Random fast on/ramp off 145 ó 149 Open 150 ó 164 Random slow on/fast off 165 ó 169 Open 170 ó 184 Pulse 185 ó 189 Open 190 ó 204 Random pulse 205 ó 209 Open 210 ó 224 Fade on/off 225 ó 229 Open 230 ó 244 Pulse 245 ó 255 Open	
	9	Red	000 ó 255	0–100%
	10	Fine Red	000 ó 255	Fine control (16-bit)
	11	Green	000 ó 255	0–100%
	12	Fine Green	000 ó 255	Fine control (16-bit)
	13	Blue	000 ó 255	0–100%
	14	Fine Blue	000 ó 255	Fine control (16-bit)
	15	White	000 ó 255	0–100%
	16	Fine White	000 ó 255	Fine control (16-bit)

DMX Values (Cont.)

22CH (Cont.)	Channel	Function	Value	Percent/Setting
			000 ó 004	Open
			005 ó 009	Color 1
			010 ó 014	Color 2
			015 ó 019	Color 3
			020 ó 024	Color 4
			025 ó 029	Color 5
			030 ó 034	Color 6
			035 ó 039	Color 7
			040 ó 044	Color 8
			045 ó 049	Color 9
			050 ó 054	Color 10
			055 ó 059	Color 11
			060 ó 064	Color 12
			065 ó 069	Color 13
			070 ó 074	Color 14
			075 ó 079	Color 15
			080 ó 084	Color 16
			085 ó 089	Color 17
			090 ó 094	Color 18
			095 ó 099	Color 19
	17	Color	100 ó 104	Color 20
			105 ó 109	Color 21
			110 ó 114	Color 22
			115 ó 119	Color 23
			120 ó 124	Color 24
			125 ó 129	Color 25
			130 ó 134	Color 26
			135 ó 139	Color 27
			140 ó 144	Color 28
			145 ó 149	Color 29
			150 ó 154	Color 30
			155 ó 159	Color 31
			160 ó 164	Color 32
			165 ó 169	Color 33
			170 ó 174	Color 34
			175 ó 179	Closed
			180 ó 201	Clockwise color scroll, fast to slow
			202 ó 207	Stop on current color
			208 ó 229	Counter-clockwise color scroll, fast to slow
			230 ó 234	Closed
			235 ó 249	Color scroll
			250 ó 255	Closed

DMX Values (Cont.)

22CH (Cont.)	Channel	Function	Value	Percent/Setting
			000 ó 007	Zone 1, 2, 3, 4, 5
			008 ó 015	Zone 2, 3, 4, 5
			016 ó 023	Zone 3, 4, 5
			024 ó 031	Zone 4, 5
			032 ó 039	Zone 5
			040 ó 047	No function
			048 ó 055	Zone 1
			056 ó 063	Zone 1, 2
			064 ó 071	Zone 1, 2, 3
			072 ó 079	Zone 1, 2, 3, 4
			080 ó 087	Zone 1, 2, 3, 4, 5
			088 ó 095	Zone 1
			096 ó 103	Zone 2
			104 ó 111	Zone 3
			112 ó 119	Zone 4
			120 ó 127	Zone 5
18	Zone Selection		128 ó 135	Zone 1, 2
			136 ó 143	Zone 2, 3
			144 ó 151	Zone 3, 4
			152 ó 159	Zone 4, 5
			160 ó 167	Zone 1, 5
			168 ó 175	Zone 1, 2, 3
			176 ó 183	Zone 2, 3, 4
			184 ó 191	Zone 3, 4, 5
			192 ó 199	Zone 1, 4, 5
			200 ó 207	Zone 1, 2, 5
			208 ó 215	Zone 1, 2, 3, 4
			216 ó 223	Zone 2, 3, 4, 5
			224 ó 231	Zone 1, 3, 4, 5
			232 ó 239	Zone 1, 2, 4, 5
			240 ó 247	Zone 1, 2, 3, 5
			250 ó 255	Zone 1, 2, 3, 4, 5

DMX Values (Cont.)

22CH (Cont.)	Channel	Function	Value	Percent/Setting
19	19	Programs	000 ó 015	No function
			016 ó 020	Ring macro 1
			021 ó 025	Ring macro 2
			026 ó 030	Ring macro 3
			031 ó 035	Ring macro 4
			036 ó 040	Ring macro 5
			041 ó 045	Ring macro 6
			046 ó 050	Ring macro 7
			051 ó 055	Ring macro 8
			056 ó 060	Ring macro 9
			061 ó 065	Ring macro 10
			066 ó 070	Ring macro 11
			071 ó 075	Ring macro 12
			076 ó 080	Ring macro 13
			081 ó 085	Ring macro 14
			086 ó 090	Ring macro 15
			091 ó 095	Ring macro 16
			096 ó 100	Ring macro 17
			101 ó 105	Ring macro 18
			106 ó 110	Ring macro 19
			111 ó 115	Ring macro 20
			116 ó 120	Ring macro 21
			121 ó 125	Ring macro 22
			126 ó 130	Ring macro 23
			131 ó 135	Ring macro 24
			136 ó 140	Color ring macro 1
			141 ó 145	Color ring macro 2
			146 ó 150	Color ring macro 3
			151 ó 155	Color ring macro 4
			156 ó 160	Color ring macro 5
			161 ó 165	Color ring macro 6
			166 ó 170	Color ring macro 7
			171 ó 175	Color ring macro 8
			176 ó 180	Color ring macro 9
			181 ó 185	Color ring macro 10
			186 ó 190	Color ring macro 11
			191 ó 195	Color ring macro 12
			196 ó 200	Color ring macro 13
			201 ó 205	Color ring macro 14
			206 ó 210	Color ring macro 15
			211 ó 215	Color ring macro 16
			216 ó 220	Color ring macro 17
			221 ó 225	Color ring macro 18
			226 ó 230	Color ring macro 19
			231 ó 235	Color ring macro 20
			236 ó 240	Color ring macro 21
			241 ó 245	Color ring macro 22
			246 ó 250	Color ring macro 23
			251 ó 255	Color ring macro 24
20	20	Auto Speed	000 ó 255	0–100% (Only when using Ch. 19)

DMX Values (Cont.)

22CH (Cont.)	Channel	Function	Value	Percent/Setting
	21	Zoom	000 ó 255	0–100%
			000 ó 009	No function
			010 ó 014	Blackout during pan/tilt
			015 ó 019	No function
			020 ó 024	No function
			025 ó 029	No function
			030 ó 034	No function
			035 ó 039	No function
			040 ó 044	No function
			045 ó 049	No function
			050 ó 054	Pan reset (5 s activation delay)
			055 ó 059	Tilt reset (5 s activation delay)
			060 ó 064	Zoom reset (5 s activation delay)
			065 ó 069	No function
			070 ó 074	All reset (5 s activation delay)
			075 ó 079	No function
			080 ó 084	Pan/Tilt movement
	22	Control		reverse (5 s activation delay)
			085 ó 089	Pan movement reverse (5 s activation delay)
			090 ó 094	Tilt movement reverse (5 s activation delay)
			095 ó 099	Disable Pan movement
				reverse (5 s activation delay)
			100 ó 104	Disable Tilt movement
				reverse (5 s activation delay)
			105 ó 109	Disable Pan/Tilt movement
				reverse (5 s activation delay)
			110 ó 114	No function
			115 ó 119	No function
			120 ó 124	Economy fan (5 s activation delay)
			125 ó 129	Full fan (5 s activation delay)
			130 ó 134	Auto fan (5 s activation delay)
			135 ó 139	Fast dimmer curve (5 s activation delay)
			140 ó 144	Smooth dimmer curve (5 s activation delay)
			145 ó 255	No function

DMX Values (Cont.)

17CH	Channel	Function	Value	Percent/Setting
	1	Pan	000 ó 255	0–100%
	2	Fine Pan	000 ó 255	Fine control (16-bit)
	3	Tilt	000 ó 255	0–100%
	4	Fine Tilt	000 ó 255	Fine control (16-bit)
	5	Pan/Tilt Speed	000 ó 255	0–100%
	6	Dimmer	000 ó 255	0–100%
	7	Shutter	000 ó 019 Closed 020 ó 024 Open 025 ó 064 Fast to slow 065 ó 069 Open 070 ó 084 Fast on/ramp off 085 ó 089 Open 090 ó 104 Ramp off/fast on 105 ó 109 Open 110 ó 124 Random 125 ó 129 Open 130 ó 144 Random fast on/ramp off 145 ó 149 Open 150 ó 164 Random slow on/fast off 165 ó 169 Open 170 ó 184 Pulse 185 ó 189 Open 190 ó 204 Random pulse 205 ó 209 Open 210 ó 224 Fade on/off 225 ó 229 Open 230 ó 244 Pulse 245 ó 255 Open	
	8	Red	000 ó 255	0–100%
	9	Green	000 ó 255	0–100%
	10	Blue	000 ó 255	0–100%
	11	White	000 ó 255	0–100%

DMX Values (Cont.)

17CH (Cont.)	Channel	Function	Value	Percent/Setting
			000 ó 004	Open
			005 ó 009	Color 1
			010 ó 014	Color 2
			015 ó 019	Color 3
			020 ó 024	Color 4
			025 ó 029	Color 5
			030 ó 034	Color 6
			035 ó 039	Color 7
			040 ó 044	Color 8
			045 ó 049	Color 9
			050 ó 054	Color 10
			055 ó 059	Color 11
			060 ó 064	Color 12
			065 ó 069	Color 13
			070 ó 074	Color 14
			075 ó 079	Color 15
			080 ó 084	Color 16
			085 ó 089	Color 17
			090 ó 094	Color 18
			095 ó 099	Color 19
	12	Color	100 ó 104	Color 20
			105 ó 109	Color 21
			110 ó 114	Color 22
			115 ó 119	Color 23
			120 ó 124	Color 24
			125 ó 129	Color 25
			130 ó 134	Color 26
			135 ó 139	Color 27
			140 ó 144	Color 28
			145 ó 149	Color 29
			150 ó 154	Color 30
			155 ó 159	Color 31
			160 ó 164	Color 32
			165 ó 169	Color 33
			170 ó 174	Color 34
			175 ó 179	Closed
			180 ó 201	Clockwise color scroll, fast to slow
			202 ó 207	Stop on current color
			208 ó 229	Counter-clockwise color scroll, fast to slow
			230 ó 234	Closed
			235 ó 249	Color scroll
			250 ó 255	Closed

DMX Values (Cont.)

17CH (Cont.)	Channel	Function	Value	Percent/Setting
			000 ó 007	Zone 1, 2, 3, 4, 5
			008 ó 015	Zone 2, 3, 4, 5
			016 ó 023	Zone 3, 4, 5
			024 ó 031	Zone 4, 5
			032 ó 039	Zone 5
			040 ó 047	No function
			048 ó 055	Zone 1
			056 ó 063	Zone 1, 2
			064 ó 071	Zone 1, 2, 3
			072 ó 079	Zone 1, 2, 3, 4
			080 ó 087	Zone 1, 2, 3, 4, 5
			088 ó 095	Zone 1
			096 ó 103	Zone 2
			104 ó 111	Zone 3
			112 ó 119	Zone 4
			120 ó 127	Zone 5
	13	Zone Selection	128 ó 135	Zone 1, 2
			136 ó 143	Zone 2, 3
			144 ó 151	Zone 3, 4
			152 ó 159	Zone 4, 5
			160 ó 167	Zone 1, 5
			168 ó 175	Zone 1, 2, 3
			176 ó 183	Zone 2, 3, 4
			184 ó 191	Zone 3, 4, 5
			192 ó 199	Zone 1, 4, 5
			200 ó 207	Zone 1, 2, 5
			208 ó 215	Zone 1, 2, 3, 4
			216 ó 223	Zone 2, 3, 4, 5
			224 ó 231	Zone 1, 3, 4, 5
			232 ó 239	Zone 1, 2, 4, 5
			240 ó 247	Zone 1, 2, 3, 5
			250 ó 255	Zone 1, 2, 3, 4, 5

DMX Values (Cont.)

17CH
(Cont.)

Channel	Function	Value	Percent/Setting
14	Programs	000 ó 015	No function
		016 ó 020	Ring macro 1
		021 ó 025	Ring macro 2
		026 ó 030	Ring macro 3
		031 ó 035	Ring macro 4
		036 ó 040	Ring macro 5
		041 ó 045	Ring macro 6
		046 ó 050	Ring macro 7
		051 ó 055	Ring macro 8
		056 ó 060	Ring macro 9
		061 ó 065	Ring macro 10
		066 ó 070	Ring macro 11
		071 ó 075	Ring macro 12
		076 ó 080	Ring macro 13
		081 ó 085	Ring macro 14
		086 ó 090	Ring macro 15
		091 ó 095	Ring macro 16
		096 ó 100	Ring macro 17
		101 ó 105	Ring macro 18
		106 ó 110	Ring macro 19
		111 ó 115	Ring macro 20
		116 ó 120	Ring macro 21
		121 ó 125	Ring macro 22
		126 ó 130	Ring macro 23
		131 ó 135	Ring macro 24
		136 ó 140	Color ring macro 1
		141 ó 145	Color ring macro 2
		146 ó 150	Color ring macro 3
		151 ó 155	Color ring macro 4
		156 ó 160	Color ring macro 5
		161 ó 165	Color ring macro 6
		166 ó 170	Color ring macro 7
		171 ó 175	Color ring macro 8
		176 ó 180	Color ring macro 9
		181 ó 185	Color ring macro 10
		186 ó 190	Color ring macro 11
		191 ó 195	Color ring macro 12
		196 ó 200	Color ring macro 13
		201 ó 205	Color ring macro 14
		206 ó 210	Color ring macro 15
		211 ó 215	Color ring macro 16
		216 ó 220	Color ring macro 17
		221 ó 225	Color ring macro 18
		226 ó 230	Color ring macro 19
		231 ó 235	Color ring macro 20
		236 ó 240	Color ring macro 21
		241 ó 245	Color ring macro 22
		246 ó 250	Color ring macro 23
		251 ó 255	Color ring macro 24
15	Auto Speed	000 ó 255	0–100% (Only when using Ch. 14)

DMX Values (Cont.)

17CH (Cont.)	Channel	Function	Value	Percent/Setting
	16	Zoom	000 ó 255	0–100%
			000 ó 009	No function
			010 ó 014	Blackout during pan/tilt
			015 ó 019	No function
			020 ó 024	No function
			025 ó 029	No function
			030 ó 034	No function
			035 ó 039	No function
			040 ó 044	No function
			045 ó 049	No function
			050 ó 054	Pan reset (5 s activation delay)
			055 ó 059	Tilt reset (5 s activation delay)
			060 ó 064	Zoom reset (5 s activation delay)
			065 ó 069	No function
			070 ó 074	All reset (5 s activation delay)
			075 ó 079	No function
			080 ó 084	Pan/Tilt movement
				reverse (5 s activation delay)
			085 ó 089	Pan movement reverse (5 s activation delay)
			090 ó 094	Tilt movement reverse (5 s activation delay)
			095 ó 099	Disable Pan movement
				reverse (5 s activation delay)
			100 ó 104	Disable Tilt movement
				reverse (5 s activation delay)
			105 ó 109	Disable Pan/Tilt movement
				reverse (5 s activation delay)
			110 ó 114	No function
			115 ó 119	No function
			120 ó 124	Economy fan (5 s activation delay)
			125 ó 129	Full fan (5 s activation delay)
			130 ó 134	Auto fan (5 s activation delay)
			135 ó 139	Fast dimmer curve (5 s activation delay)
			140 ó 144	Smooth dimmer curve (5 s activation delay)
			145 ó 255	No function
	17	Control		

DMX Values (Cont.)

15CH	Channel	Function	Value	Percent/Setting
	1	Pan	000 ó 255	0–100%
	2	Fine Pan	000 ó 255	Fine control (16-bit)
	3	Tilt	000 ó 255	0–100%
	4	Fine Tilt	000 ó 255	Fine control (16-bit)
	5	Pan/Tilt Speed	000 ó 255	0–100%
	6	Dimmer	000 ó 255	0–100%
	7	Fine Dimmer	000 ó 255	Fine control (16-bit)
	8	Shutter	000 ó 019 Closed 020 ó 024 Open 025 ó 064 Fast to slow 065 ó 069 Open 070 ó 084 Fast on/ramp off 085 ó 089 Open 090 ó 104 Ramp off/fast on 105 ó 109 Open 110 ó 124 Random 125 ó 129 Open 130 ó 144 Random fast on/ramp off 145 ó 149 Open 150 ó 164 Random slow on/fast off 165 ó 169 Open 170 ó 184 Pulse 185 ó 189 Open 190 ó 204 Random pulse 205 ó 209 Open 210 ó 224 Fade on/off 225 ó 229 Open 230 ó 244 Pulse 245 ó 255 Open	
	9	Red	000 ó 255	0–100%
	10	Green	000 ó 255	0–100%
	11	Blue	000 ó 255	0–100%
	12	White	000 ó 255	0–100%

DMX Values (Cont.)

15CH (Cont.)	Channel	Function	Value	Percent/Setting
			000 ó 004	Open
			005 ó 009	Color 1
			010 ó 014	Color 2
			015 ó 019	Color 3
			020 ó 024	Color 4
			025 ó 029	Color 5
			030 ó 034	Color 6
			035 ó 039	Color 7
			040 ó 044	Color 8
			045 ó 049	Color 9
			050 ó 054	Color 10
			055 ó 059	Color 11
			060 ó 064	Color 12
			065 ó 069	Color 13
			070 ó 074	Color 14
			075 ó 079	Color 15
			080 ó 084	Color 16
			085 ó 089	Color 17
			090 ó 094	Color 18
			095 ó 099	Color 19
			100 ó 104	Color 20
			105 ó 109	Color 21
			110 ó 114	Color 22
			115 ó 119	Color 23
			120 ó 124	Color 24
			125 ó 129	Color 25
			130 ó 134	Color 26
			135 ó 139	Color 27
			140 ó 144	Color 28
			145 ó 149	Color 29
			150 ó 154	Color 30
			155 ó 159	Color 31
			160 ó 164	Color 32
			165 ó 169	Color 33
			170 ó 174	Color 34
			175 ó 179	Closed
			180 ó 201	Clockwise color scroll, fast to slow
			202 ó 207	Stop on current color
			208 ó 229	Counter-clockwise color scroll, fast to slow
			230 ó 234	Closed
			235 ó 249	Color scroll
			250 ó 255	Closed
	13	Color		
	14	Zoom	000 ó 255	0–100%

DMX Values (Cont.)

15CH (Cont.)	Channel	Function	Value	Percent/Setting
			000 ó 009	No function
			010 ó 014	Blackout during pan/tilt
			015 ó 019	No function
			020 ó 024	No function
			025 ó 029	No function
			030 ó 034	No function
			035 ó 039	No function
			040 ó 044	No function
			045 ó 049	No function
			050 ó 054	Pan reset (5 s activation delay)
			055 ó 059	Tilt reset (5 s activation delay)
			060 ó 064	Zoom reset (5 s activation delay)
			065 ó 069	No function
			070 ó 074	All reset (5 s activation delay)
			075 ó 079	No function
			080 ó 084	Pan/Tilt movement
				reverse (5 s activation delay)
			085 ó 089	Pan movement reverse (5 s activation delay)
			090 ó 094	Tilt movement reverse (5 s activation delay)
			095 ó 099	Disable Pan movement
				reverse (5 s activation delay)
			100 ó 104	Disable Tilt movement
				reverse (5 s activation delay)
			105 ó 109	Disable Pan/Tilt movement
				reverse (5 s activation delay)
			110 ó 114	No function
			115 ó 119	No function
			120 ó 124	Economy fan (5 s activation delay)
			125 ó 129	Full fan (5 s activation delay)
			130 ó 134	Auto fan (5 s activation delay)
			135 ó 139	Fast dimmer curve (5 s activation delay)
			140 ó 144	Smooth dimmer curve (5 s activation delay)
			145 ó 255	No function

15 Control