

Single Control Values

Single Control: Tour Mode (216-channel)

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	CTC	000	No function
		001 ⇔ 255	Color temperature, 2800–10000 K
6	Color	000	No function
		001 ⇔ 002	2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0–255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255–0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0–255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255–0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0–255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255–0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
248 ⇔ 255	Color snap, fast to slow		
7	Gobo	000	All on
		001 ⇔ 254	Gobos 1–254
		255	All on
8	LED Macro / Auto Program	000 ⇔ 015	No function
		016 ⇔ 116	LED macros 1–101
		117 ⇔ 136	LED macro 102
		137 ⇔ 236	Auto programs 1–101
		237 ⇔ 255	Auto program 102
9	LED Macro / Auto Program Speed	000 ⇔ 127	Speed, fast to slow
		128	Hold
		129 ⇔ 255	Reverse speed, slow to fast
10	LED Built-in Delay	000 ⇔ 255	Fast to slow

Channel	Function	Value	Percent/Setting
11	Background Color	000	No function
		001 ⇔ 002	2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0-255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255-0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0-255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255-0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0-255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255-0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
248 ⇔ 255	Color snap, fast to slow		
12	Background Dimmer	000 ⇔ 255	0-100%
13	Background Fine Dimmer	000 ⇔ 255	0-100%
14	Main Dimmer	000 ⇔ 255	0-100%
15	Main Fine Dimmer	000 ⇔ 255	0-100%
16	Shutter	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100-0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0-100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100-0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0-100%, fast to slow
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
		205 ⇔ 209	On
210 ⇔ 224	Strobe 100-0-100%, fast to slow		
225 ⇔ 229	On		
230 ⇔ 244	Random pulse strobe, fast to slow		
245 ⇔ 255	On		
17	Zoom	000 ⇔ 255	Wide to narrow

Channel	Function	Value	Percent/Setting
18	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW (additive) color mixing mode
		025 ⇔ 029	CMY (subtractive) color mixing mode
		030 ⇔ 049	Reserved for future use
		050 ⇔ 054	Pan reset
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 119	Reserved for future use
		120 ⇔ 124	Eco fan mode
		125 ⇔ 129	Full fan mode
		130 ⇔ 134	Auto fan mode
		135 ⇔ 139	Fast dimmer mode
140 ⇔ 144	Slow dimmer mode		
145 ⇔ 255	Reserved for future use		
19	Main Red	000 ⇔ 255	0–100%
20	Main Fine Red	000 ⇔ 255	0–100%
21	Main Green	000 ⇔ 255	0–100%
22	Main Fine Green	000 ⇔ 255	0–100%
23	Main Blue	000 ⇔ 255	0–100%
24	Main Fine Blue	000 ⇔ 255	0–100%
25	Main White	000 ⇔ 255	0–100%
26	Main Fine White	000 ⇔ 255	0–100%
27	Dimmer 1	000 ⇔ 255	0–100%
28	Fine Dimmer 1	000 ⇔ 255	0–100%
29	Red 1	000 ⇔ 255	0–100%
30	Fine Red 1	000 ⇔ 255	0–100%
31	Green 1	000 ⇔ 255	0–100%
32	Fine Green 1	000 ⇔ 255	0–100%
33	Blue 1	000 ⇔ 255	0–100%
34	Fine Blue 1	000 ⇔ 255	0–100%
35	White 1	000 ⇔ 255	0–100%
36	Fine White 1	000 ⇔ 255	0–100%
37	Dimmer 2	000 ⇔ 255	0–100%
38	Fine Dimmer 2	000 ⇔ 255	0–100%
39	Red 2	000 ⇔ 255	0–100%
40	Fine Red 2	000 ⇔ 255	0–100%
41	Green 2	000 ⇔ 255	0–100%
42	Fine Green 2	000 ⇔ 255	0–100%
43	Blue 2	000 ⇔ 255	0–100%
44	Fine Blue 2	000 ⇔ 255	0–100%
45	White 2	000 ⇔ 255	0–100%
46	Fine White 2	000 ⇔ 255	0–100%
47	Dimmer 3	000 ⇔ 255	0–100%
48	Fine Dimmer 3	000 ⇔ 255	0–100%
49	Red 3	000 ⇔ 255	0–100%
50	Fine Red 3	000 ⇔ 255	0–100%
51	Green 3	000 ⇔ 255	0–100%
52	Fine Green 3	000 ⇔ 255	0–100%
53	Blue 3	000 ⇔ 255	0–100%
54	Fine Blue 3	000 ⇔ 255	0–100%
55	White 3	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
56	Fine White 3	000 ⇄ 255	0–100%
57	Dimmer 4	000 ⇄ 255	0–100%
58	Fine Dimmer 4	000 ⇄ 255	0–100%
59	Red 4	000 ⇄ 255	0–100%
60	Fine Red 4	000 ⇄ 255	0–100%
61	Green 4	000 ⇄ 255	0–100%
62	Fine Green 4	000 ⇄ 255	0–100%
63	Blue 4	000 ⇄ 255	0–100%
64	Fine Blue 4	000 ⇄ 255	0–100%
65	White 4	000 ⇄ 255	0–100%
66	Fine White 4	000 ⇄ 255	0–100%
67	Dimmer 5	000 ⇄ 255	0–100%
68	Fine Dimmer 5	000 ⇄ 255	0–100%
69	Red 5	000 ⇄ 255	0–100%
70	Fine Red 5	000 ⇄ 255	0–100%
71	Green 5	000 ⇄ 255	0–100%
72	Fine Green 5	000 ⇄ 255	0–100%
73	Blue 5	000 ⇄ 255	0–100%
74	Fine Blue 5	000 ⇄ 255	0–100%
75	White 5	000 ⇄ 255	0–100%
76	Fine White 5	000 ⇄ 255	0–100%
77	Dimmer 6	000 ⇄ 255	0–100%
78	Fine Dimmer 6	000 ⇄ 255	0–100%
79	Red 6	000 ⇄ 255	0–100%
80	Fine Red 6	000 ⇄ 255	0–100%
81	Green 6	000 ⇄ 255	0–100%
82	Fine Green 6	000 ⇄ 255	0–100%
83	Blue 6	000 ⇄ 255	0–100%
84	Fine Blue 6	000 ⇄ 255	0–100%
85	White 6	000 ⇄ 255	0–100%
86	Fine White 6	000 ⇄ 255	0–100%
87	Dimmer 7	000 ⇄ 255	0–100%
88	Fine Dimmer 7	000 ⇄ 255	0–100%
89	Red 7	000 ⇄ 255	0–100%
90	Fine Red 7	000 ⇄ 255	0–100%
91	Green 7	000 ⇄ 255	0–100%
92	Fine Green 7	000 ⇄ 255	0–100%
93	Blue 7	000 ⇄ 255	0–100%
94	Fine Blue 7	000 ⇄ 255	0–100%
95	White 7	000 ⇄ 255	0–100%
96	Fine White 7	000 ⇄ 255	0–100%
97	Dimmer 8	000 ⇄ 255	0–100%
98	Fine Dimmer 8	000 ⇄ 255	0–100%
99	Red 8	000 ⇄ 255	0–100%
100	Fine Red 8	000 ⇄ 255	0–100%
101	Green 8	000 ⇄ 255	0–100%
102	Fine Green 8	000 ⇄ 255	0–100%
103	Blue 8	000 ⇄ 255	0–100%
104	Fine Blue 8	000 ⇄ 255	0–100%
105	White 8	000 ⇄ 255	0–100%
106	Fine White 8	000 ⇄ 255	0–100%
107	Dimmer 9	000 ⇄ 255	0–100%
108	Fine Dimmer 9	000 ⇄ 255	0–100%
109	Red 9	000 ⇄ 255	0–100%
110	Fine Red 9	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
111	Green 9	000 ⇄ 255	0–100%
112	Fine Green 9	000 ⇄ 255	0–100%
113	Blue 9	000 ⇄ 255	0–100%
114	Fine Blue 9	000 ⇄ 255	0–100%
115	White 9	000 ⇄ 255	0–100%
116	Fine White 9	000 ⇄ 255	0–100%
117	Dimmer 10	000 ⇄ 255	0–100%
118	Fine Dimmer 10	000 ⇄ 255	0–100%
119	Red 10	000 ⇄ 255	0–100%
120	Fine Red 10	000 ⇄ 255	0–100%
121	Green 10	000 ⇄ 255	0–100%
122	Fine Green 10	000 ⇄ 255	0–100%
123	Blue 10	000 ⇄ 255	0–100%
124	Fine Blue 10	000 ⇄ 255	0–100%
125	White 10	000 ⇄ 255	0–100%
126	Fine White 10	000 ⇄ 255	0–100%
127	Dimmer 11	000 ⇄ 255	0–100%
128	Fine Dimmer 11	000 ⇄ 255	0–100%
129	Red 11	000 ⇄ 255	0–100%
130	Fine Red 11	000 ⇄ 255	0–100%
131	Green 11	000 ⇄ 255	0–100%
132	Fine Green 11	000 ⇄ 255	0–100%
133	Blue 11	000 ⇄ 255	0–100%
134	Fine Blue 11	000 ⇄ 255	0–100%
135	White 11	000 ⇄ 255	0–100%
136	Fine White 11	000 ⇄ 255	0–100%
137	Dimmer 12	000 ⇄ 255	0–100%
138	Fine Dimmer 12	000 ⇄ 255	0–100%
139	Red 12	000 ⇄ 255	0–100%
140	Fine Red 12	000 ⇄ 255	0–100%
141	Green 12	000 ⇄ 255	0–100%
142	Fine Green 12	000 ⇄ 255	0–100%
143	Blue 12	000 ⇄ 255	0–100%
144	Fine Blue 12	000 ⇄ 255	0–100%
145	White 12	000 ⇄ 255	0–100%
146	Fine White 12	000 ⇄ 255	0–100%
147	Dimmer 13	000 ⇄ 255	0–100%
148	Fine Dimmer 13	000 ⇄ 255	0–100%
149	Red 13	000 ⇄ 255	0–100%
150	Fine Red 13	000 ⇄ 255	0–100%
151	Green 13	000 ⇄ 255	0–100%
152	Fine Green 13	000 ⇄ 255	0–100%
153	Blue 13	000 ⇄ 255	0–100%
154	Fine Blue 13	000 ⇄ 255	0–100%
155	White 13	000 ⇄ 255	0–100%
156	Fine White 13	000 ⇄ 255	0–100%
157	Dimmer 14	000 ⇄ 255	0–100%
158	Fine Dimmer 14	000 ⇄ 255	0–100%
159	Red 14	000 ⇄ 255	0–100%
160	Fine Red 14	000 ⇄ 255	0–100%
161	Green 14	000 ⇄ 255	0–100%
162	Fine Green 14	000 ⇄ 255	0–100%
163	Blue 14	000 ⇄ 255	0–100%
164	Fine Blue 14	000 ⇄ 255	0–100%
165	White 14	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
166	Fine White 14	000 ⇄ 255	0-100%
167	Dimmer 15	000 ⇄ 255	0-100%
168	Fine Dimmer 15	000 ⇄ 255	0-100%
169	Red 15	000 ⇄ 255	0-100%
170	Fine Red 15	000 ⇄ 255	0-100%
171	Green 15	000 ⇄ 255	0-100%
172	Fine Green 15	000 ⇄ 255	0-100%
173	Blue 15	000 ⇄ 255	0-100%
174	Fine Blue 15	000 ⇄ 255	0-100%
175	White 15	000 ⇄ 255	0-100%
176	Fine White 15	000 ⇄ 255	0-100%
177	Dimmer 16	000 ⇄ 255	0-100%
178	Fine Dimmer 16	000 ⇄ 255	0-100%
179	Red 16	000 ⇄ 255	0-100%
180	Fine Red 16	000 ⇄ 255	0-100%
181	Green 16	000 ⇄ 255	0-100%
182	Fine Green 16	000 ⇄ 255	0-100%
183	Blue 16	000 ⇄ 255	0-100%
184	Fine Blue 16	000 ⇄ 255	0-100%
185	White 16	000 ⇄ 255	0-100%
186	Fine White 16	000 ⇄ 255	0-100%
187	Dimmer 17	000 ⇄ 255	0-100%
188	Fine Dimmer 17	000 ⇄ 255	0-100%
189	Red 17	000 ⇄ 255	0-100%
190	Fine Red 17	000 ⇄ 255	0-100%
191	Green 17	000 ⇄ 255	0-100%
192	Fine Green 17	000 ⇄ 255	0-100%
193	Blue 17	000 ⇄ 255	0-100%
194	Fine Blue 17	000 ⇄ 255	0-100%
195	White 17	000 ⇄ 255	0-100%
196	Fine White 17	000 ⇄ 255	0-100%
197	Dimmer 18	000 ⇄ 255	0-100%
198	Fine Dimmer 18	000 ⇄ 255	0-100%
199	Red 18	000 ⇄ 255	0-100%
200	Fine Red 18	000 ⇄ 255	0-100%
201	Green 18	000 ⇄ 255	0-100%
202	Fine Green 18	000 ⇄ 255	0-100%
203	Blue 18	000 ⇄ 255	0-100%
204	Fine Blue 18	000 ⇄ 255	0-100%
205	White 18	000 ⇄ 255	0-100%
206	Fine White 18	000 ⇄ 255	0-100%
207	Dimmer 19	000 ⇄ 255	0-100%
208	Fine Dimmer 19	000 ⇄ 255	0-100%
209	Red 19	000 ⇄ 255	0-100%
210	Fine Red 19	000 ⇄ 255	0-100%
211	Green 19	000 ⇄ 255	0-100%
212	Fine Green 19	000 ⇄ 255	0-100%
213	Blue 19	000 ⇄ 255	0-100%
214	Fine Blue 19	000 ⇄ 255	0-100%
215	White 19	000 ⇄ 255	0-100%
216	Fine White 19	000 ⇄ 255	0-100%

Single Control: Advanced Mode (178-channel)

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	CTC	000	No function
		001 ⇔ 255	Color temperature, 2800–10000 K
6	Color	000	No function
		001 ⇔ 002	2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0–255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255–0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0–255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255–0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0–255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255–0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
248 ⇔ 255	Color snap, fast to slow		
7	Gobo	000	All on
		001 ⇔ 254	Gobos 1–254
		255	All on
8	LED Macro / Auto Program	000 ⇔ 015	No function
		016 ⇔ 116	LED macros 1–101
		117 ⇔ 136	LED macro 102
		137 ⇔ 236	Auto programs 1–101
		237 ⇔ 255	Auto program 102
9	LED Macro / Auto Program Speed	000 ⇔ 127	Speed, fast to slow
		128	Hold
		129 ⇔ 255	Reverse speed, slow to fast
10	LED Built-in Delay	000 ⇔ 255	Fast to slow

Channel	Function	Value	Percent/Setting
11	Background Color	000	No function
		001 ⇔ 002	2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0-255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255-0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0-255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255-0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0-255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255-0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
248 ⇔ 255	Color snap, fast to slow		
12	Background Dimmer	000 ⇔ 255	0-100%
13	Background Fine Dimmer	000 ⇔ 255	0-100%
14	Main Dimmer	000 ⇔ 255	0-100%
15	Main Fine Dimmer	000 ⇔ 255	0-100%
16	Shutter	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100-0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0-100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100-0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0-100%, fast to slow
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
		205 ⇔ 209	On
210 ⇔ 224	Strobe 0-100-0%, fast to slow		
225 ⇔ 229	On		
230 ⇔ 244	Random pulse strobe, fast to slow		
245 ⇔ 255	On		
17	Zoom	000 ⇔ 255	Wide to narrow

Channel	Function	Value	Percent/Setting
18	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW (additive) color mixing mode
		025 ⇔ 029	CMY (subtractive) color mixing mode
		030 ⇔ 049	Reserved for future use
		050 ⇔ 054	Pan reset
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 119	Reserved for future use
		120 ⇔ 124	Eco fan mode
		125 ⇔ 129	Full fan mode
		130 ⇔ 134	Auto fan mode
		135 ⇔ 139	Fast dimmer mode
140 ⇔ 144	Slow dimmer mode		
145 ⇔ 255	Reserved for future use		
19	Main Red	000 ⇔ 255	0–100%
20	Main Fine Red	000 ⇔ 255	0–100%
21	Main Green	000 ⇔ 255	0–100%
22	Main Fine Green	000 ⇔ 255	0–100%
23	Main Blue	000 ⇔ 255	0–100%
24	Main Fine Blue	000 ⇔ 255	0–100%
25	Main White	000 ⇔ 255	0–100%
26	Main Fine White	000 ⇔ 255	0–100%
27	Red 1	000 ⇔ 255	0–100%
28	Fine Red 1	000 ⇔ 255	0–100%
29	Green 1	000 ⇔ 255	0–100%
30	Fine Green 1	000 ⇔ 255	0–100%
31	Blue 1	000 ⇔ 255	0–100%
32	Fine Blue 1	000 ⇔ 255	0–100%
33	White 1	000 ⇔ 255	0–100%
34	Fine White 1	000 ⇔ 255	0–100%
35	Red 2	000 ⇔ 255	0–100%
36	Fine Red 2	000 ⇔ 255	0–100%
37	Green 2	000 ⇔ 255	0–100%
38	Fine Green 2	000 ⇔ 255	0–100%
39	Blue 2	000 ⇔ 255	0–100%
40	Fine Blue 2	000 ⇔ 255	0–100%
41	White 2	000 ⇔ 255	0–100%
42	Fine White 2	000 ⇔ 255	0–100%
43	Red 3	000 ⇔ 255	0–100%
44	Fine Red 3	000 ⇔ 255	0–100%
45	Green 3	000 ⇔ 255	0–100%
46	Fine Green 3	000 ⇔ 255	0–100%
47	Blue 3	000 ⇔ 255	0–100%
48	Fine Blue 3	000 ⇔ 255	0–100%
49	White 3	000 ⇔ 255	0–100%
50	Fine White 3	000 ⇔ 255	0–100%
51	Red 4	000 ⇔ 255	0–100%
52	Fine Red 4	000 ⇔ 255	0–100%
53	Green 4	000 ⇔ 255	0–100%
54	Fine Green 4	000 ⇔ 255	0–100%
55	Blue 4	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
56	Fine Blue 4	000 ⇄ 255	0-100%
57	White 4	000 ⇄ 255	0-100%
58	Fine White 4	000 ⇄ 255	0-100%
59	Red 5	000 ⇄ 255	0-100%
60	Fine Red 5	000 ⇄ 255	0-100%
61	Green 5	000 ⇄ 255	0-100%
62	Fine Green 5	000 ⇄ 255	0-100%
63	Blue 5	000 ⇄ 255	0-100%
64	Fine Blue 5	000 ⇄ 255	0-100%
65	White 5	000 ⇄ 255	0-100%
66	Fine White 5	000 ⇄ 255	0-100%
67	Red 6	000 ⇄ 255	0-100%
68	Fine Red 6	000 ⇄ 255	0-100%
69	Green 6	000 ⇄ 255	0-100%
70	Fine Green 6	000 ⇄ 255	0-100%
71	Blue 6	000 ⇄ 255	0-100%
72	Fine Blue 6	000 ⇄ 255	0-100%
73	White 6	000 ⇄ 255	0-100%
74	Fine White 6	000 ⇄ 255	0-100%
75	Red 7	000 ⇄ 255	0-100%
76	Fine Red 7	000 ⇄ 255	0-100%
77	Green 7	000 ⇄ 255	0-100%
78	Fine Green 7	000 ⇄ 255	0-100%
79	Blue 7	000 ⇄ 255	0-100%
80	Fine Blue 7	000 ⇄ 255	0-100%
81	White 7	000 ⇄ 255	0-100%
82	Fine White 7	000 ⇄ 255	0-100%
83	Red 8	000 ⇄ 255	0-100%
84	Fine Red 8	000 ⇄ 255	0-100%
85	Green 8	000 ⇄ 255	0-100%
86	Fine Green 8	000 ⇄ 255	0-100%
87	Blue 8	000 ⇄ 255	0-100%
88	Fine Blue 8	000 ⇄ 255	0-100%
89	White 8	000 ⇄ 255	0-100%
90	Fine White 8	000 ⇄ 255	0-100%
91	Red 9	000 ⇄ 255	0-100%
92	Fine Red 9	000 ⇄ 255	0-100%
93	Green 9	000 ⇄ 255	0-100%
94	Fine Green 9	000 ⇄ 255	0-100%
95	Blue 9	000 ⇄ 255	0-100%
96	Fine Blue 9	000 ⇄ 255	0-100%
97	White 9	000 ⇄ 255	0-100%
98	Fine White 9	000 ⇄ 255	0-100%
99	Red 10	000 ⇄ 255	0-100%
100	Fine Red 10	000 ⇄ 255	0-100%
101	Green 10	000 ⇄ 255	0-100%
102	Fine Green 10	000 ⇄ 255	0-100%
103	Blue 10	000 ⇄ 255	0-100%
104	Fine Blue 10	000 ⇄ 255	0-100%
105	White 10	000 ⇄ 255	0-100%
106	Fine White 10	000 ⇄ 255	0-100%
107	Red 11	000 ⇄ 255	0-100%
108	Fine Red 11	000 ⇄ 255	0-100%
109	Green 11	000 ⇄ 255	0-100%
110	Fine Green 11	000 ⇄ 255	0-100%

Channel	Function	Value	Percent/Setting
111	Blue 11	000 ⇄ 255	0–100%
112	Fine Blue 11	000 ⇄ 255	0–100%
113	White 11	000 ⇄ 255	0–100%
114	Fine White 11	000 ⇄ 255	0–100%
115	Red 12	000 ⇄ 255	0–100%
116	Fine Red 12	000 ⇄ 255	0–100%
117	Green 12	000 ⇄ 255	0–100%
118	Fine Green 12	000 ⇄ 255	0–100%
119	Blue 12	000 ⇄ 255	0–100%
120	Fine Blue 12	000 ⇄ 255	0–100%
121	White 12	000 ⇄ 255	0–100%
122	Fine White 12	000 ⇄ 255	0–100%
123	Red 13	000 ⇄ 255	0–100%
124	Fine Red 13	000 ⇄ 255	0–100%
125	Green 13	000 ⇄ 255	0–100%
126	Fine Green 13	000 ⇄ 255	0–100%
127	Blue 13	000 ⇄ 255	0–100%
128	Fine Blue 13	000 ⇄ 255	0–100%
129	White 13	000 ⇄ 255	0–100%
130	Fine White 13	000 ⇄ 255	0–100%
131	Red 14	000 ⇄ 255	0–100%
132	Fine Red 14	000 ⇄ 255	0–100%
133	Green 14	000 ⇄ 255	0–100%
134	Fine Green 14	000 ⇄ 255	0–100%
135	Blue 14	000 ⇄ 255	0–100%
136	Fine Blue 14	000 ⇄ 255	0–100%
137	White 14	000 ⇄ 255	0–100%
138	Fine White 14	000 ⇄ 255	0–100%
139	Red 15	000 ⇄ 255	0–100%
140	Fine Red 15	000 ⇄ 255	0–100%
141	Green 15	000 ⇄ 255	0–100%
142	Fine Green 15	000 ⇄ 255	0–100%
143	Blue 15	000 ⇄ 255	0–100%
144	Fine Blue 15	000 ⇄ 255	0–100%
145	White 15	000 ⇄ 255	0–100%
146	Fine White 15	000 ⇄ 255	0–100%
147	Red 16	000 ⇄ 255	0–100%
148	Fine Red 16	000 ⇄ 255	0–100%
149	Green 16	000 ⇄ 255	0–100%
150	Fine Green 16	000 ⇄ 255	0–100%
151	Blue 16	000 ⇄ 255	0–100%
152	Fine Blue 16	000 ⇄ 255	0–100%
153	White 16	000 ⇄ 255	0–100%
154	Fine White 16	000 ⇄ 255	0–100%
155	Red 17	000 ⇄ 255	0–100%
156	Fine Red 17	000 ⇄ 255	0–100%
157	Green 17	000 ⇄ 255	0–100%
158	Fine Green 17	000 ⇄ 255	0–100%
159	Blue 17	000 ⇄ 255	0–100%
160	Fine Blue 17	000 ⇄ 255	0–100%
161	White 17	000 ⇄ 255	0–100%
162	Fine White 17	000 ⇄ 255	0–100%
163	Red 18	000 ⇄ 255	0–100%
164	Fine Red 18	000 ⇄ 255	0–100%
165	Green 18	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
166	Fine Green 18	000 ⇔ 255	0–100%
167	Blue 18	000 ⇔ 255	0–100%
168	Fine Blue 18	000 ⇔ 255	0–100%
169	White 18	000 ⇔ 255	0–100%
170	Fine White 18	000 ⇔ 255	0–100%
171	Red 19	000 ⇔ 255	0–100%
172	Fine Red 19	000 ⇔ 255	0–100%
173	Green 19	000 ⇔ 255	0–100%
174	Fine Green 19	000 ⇔ 255	0–100%
175	Blue 19	000 ⇔ 255	0–100%
176	Fine Blue 19	000 ⇔ 255	0–100%
177	White 19	000 ⇔ 255	0–100%
178	Fine White 19	000 ⇔ 255	0–100%

Single Control: Standard Mode (96-channel)

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	CTC	000	No function
		001 ⇔ 255	Color temperature, 2800–10000 K
6	Color	000	No function
		001 ⇔ 002	2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0–255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255–0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0–255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255–0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0–255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255–0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
248 ⇔ 255	Color snap, fast to slow		
7	Gobo	000	All on
		001 ⇔ 254	Gobos 1–254
		255	All on
8	LED Macro / Auto Program	000 ⇔ 015	No function
		016 ⇔ 116	LED macros 1–101
		117 ⇔ 136	LED macro 102
		137 ⇔ 236	Auto programs 1–101
		237 ⇔ 255	Auto program 102
9	LED Macro / Auto Program Speed	000 ⇔ 127	Speed, fast to slow
		128	Hold
		129 ⇔ 255	Reverse speed, slow to fast

Channel	Function	Value	Percent/Setting
10	LED Built-in Delay	000 ⇔ 255	Fast to slow
11	Background Color	000	No function
		001 ⇔ 002	2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0–255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255–0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0–255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255–0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0–255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255–0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
248 ⇔ 255	Color snap, fast to slow		
12	Background Dimmer	000 ⇔ 255	0–100%
13	Main Dimmer	000 ⇔ 255	0–100%
14	Shutter	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100–0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0–100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100–0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0–100%, fast to slow
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
		205 ⇔ 209	On
		210 ⇔ 224	Strobe 0–100–0%, fast to slow
		225 ⇔ 229	On
230 ⇔ 244	Random pulse strobe, fast to slow		
245 ⇔ 255	On		
15	Zoom	000 ⇔ 255	Wide to narrow

Channel	Function	Value	Percent/Setting
16	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW (additive) color mixing mode
		025 ⇔ 029	CMY (subtractive) color mixing mode
		030 ⇔ 049	Reserved for future use
		050 ⇔ 054	Pan reset
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 119	Reserved for future use
		120 ⇔ 124	Eco fan mode
		125 ⇔ 129	Full fan mode
		130 ⇔ 134	Auto fan mode
135 ⇔ 139	Fast dimmer mode		
140 ⇔ 144	Slow dimmer mode		
145 ⇔ 255	Reserved for future use		
17	Main Red	000 ⇔ 255	0–100%
18	Main Green	000 ⇔ 255	0–100%
19	Main Blue	000 ⇔ 255	0–100%
20	Main White	000 ⇔ 255	0–100%
21	Red 1	000 ⇔ 255	0–100%
22	Green 1	000 ⇔ 255	0–100%
23	Blue 1	000 ⇔ 255	0–100%
24	White 1	000 ⇔ 255	0–100%
25	Red 2	000 ⇔ 255	0–100%
26	Green 2	000 ⇔ 255	0–100%
27	Blue 2	000 ⇔ 255	0–100%
28	White 2	000 ⇔ 255	0–100%
29	Red 3	000 ⇔ 255	0–100%
30	Green 3	000 ⇔ 255	0–100%
31	Blue 3	000 ⇔ 255	0–100%
32	White 3	000 ⇔ 255	0–100%
33	Red 4	000 ⇔ 255	0–100%
34	Green 4	000 ⇔ 255	0–100%
35	Blue 4	000 ⇔ 255	0–100%
36	White 4	000 ⇔ 255	0–100%
37	Red 5	000 ⇔ 255	0–100%
38	Green 5	000 ⇔ 255	0–100%
39	Blue 5	000 ⇔ 255	0–100%
40	White 5	000 ⇔ 255	0–100%
41	Red 6	000 ⇔ 255	0–100%
42	Green 6	000 ⇔ 255	0–100%
43	Blue 6	000 ⇔ 255	0–100%
44	White 6	000 ⇔ 255	0–100%
45	Red 7	000 ⇔ 255	0–100%
46	Green 7	000 ⇔ 255	0–100%
47	Blue 7	000 ⇔ 255	0–100%
48	White 7	000 ⇔ 255	0–100%
49	Red 8	000 ⇔ 255	0–100%
50	Green 8	000 ⇔ 255	0–100%
51	Blue 8	000 ⇔ 255	0–100%
52	White 8	000 ⇔ 255	0–100%
53	Red 9	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
54	Green 9	000 ⇄ 255	0–100%
55	Blue 9	000 ⇄ 255	0–100%
56	White 9	000 ⇄ 255	0–100%
57	Red 10	000 ⇄ 255	0–100%
58	Green 10	000 ⇄ 255	0–100%
59	Blue 10	000 ⇄ 255	0–100%
60	White 10	000 ⇄ 255	0–100%
61	Red 11	000 ⇄ 255	0–100%
62	Green 11	000 ⇄ 255	0–100%
63	Blue 11	000 ⇄ 255	0–100%
64	White 11	000 ⇄ 255	0–100%
65	Red 12	000 ⇄ 255	0–100%
66	Green 12	000 ⇄ 255	0–100%
67	Blue 12	000 ⇄ 255	0–100%
68	White 12	000 ⇄ 255	0–100%
69	Red 13	000 ⇄ 255	0–100%
70	Green 13	000 ⇄ 255	0–100%
71	Blue 13	000 ⇄ 255	0–100%
72	White 13	000 ⇄ 255	0–100%
73	Red 14	000 ⇄ 255	0–100%
74	Green 14	000 ⇄ 255	0–100%
75	Blue 14	000 ⇄ 255	0–100%
76	White 14	000 ⇄ 255	0–100%
77	Red 15	000 ⇄ 255	0–100%
78	Green 15	000 ⇄ 255	0–100%
79	Blue 15	000 ⇄ 255	0–100%
80	White 15	000 ⇄ 255	0–100%
81	Red 16	000 ⇄ 255	0–100%
82	Green 16	000 ⇄ 255	0–100%
83	Blue 16	000 ⇄ 255	0–100%
84	White 16	000 ⇄ 255	0–100%
85	Red 17	000 ⇄ 255	0–100%
86	Green 17	000 ⇄ 255	0–100%
87	Blue 17	000 ⇄ 255	0–100%
88	White 17	000 ⇄ 255	0–100%
89	Red 18	000 ⇄ 255	0–100%
90	Green 18	000 ⇄ 255	0–100%
91	Blue 18	000 ⇄ 255	0–100%
92	White 18	000 ⇄ 255	0–100%
93	Red 19	000 ⇄ 255	0–100%
94	Green 19	000 ⇄ 255	0–100%
95	Blue 19	000 ⇄ 255	0–100%
96	White 19	000 ⇄ 255	0–100%

Single Control: Basic Mode (20-channel)

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	CTC	000 001 ⇄ 255	No function Color temperature, 2800–10000 K

Channel	Function	Value	Percent/Setting
6	Color	000	No function
		001 ⇔ 002	2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0-255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255-0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0-255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255-0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0-255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255-0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
248 ⇔ 255	Color snap, fast to slow		
7	Gobo	000	All on
		001 ⇔ 254	Gobos 1-254
		255	All on
8	LED Macro / Auto Program	000 ⇔ 015	No function
		016 ⇔ 116	LED macros 1-101
		117 ⇔ 136	LED macro 102
		137 ⇔ 236	Auto programs 1-101
		237 ⇔ 255	Auto program 102
9	LED Macro / Auto Program Speed	000 ⇔ 127	Speed, fast to slow
		128	Hold
		129 ⇔ 255	Reverse speed, slow to fast
10	LED Built-in Delay	000 ⇔ 255	Fast to slow
11	Background Color	000	No function
		001 ⇔ 002	2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0-255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255-0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0-255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255-0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0-255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255-0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
248 ⇔ 255	Color snap, fast to slow		
12	Background Dimmer	000 ⇔ 255	0-100%

Channel	Function	Value	Percent/Setting
13	Main Dimmer	000 ⇔ 255	0–100%
14	Shutter	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100–0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0–100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100–0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0–100%, fast to slow
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
205 ⇔ 209	On		
210 ⇔ 224	Strobe 0–100–0%, fast to slow		
225 ⇔ 229	On		
230 ⇔ 244	Random pulse strobe, fast to slow		
245 ⇔ 255	On		
15	Zoom	000 ⇔ 255	Wide to narrow
16	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW (additive) color mixing mode
		025 ⇔ 029	CMY (subtractive) color mixing mode
		030 ⇔ 049	Reserved for future use
		050 ⇔ 054	Pan reset
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 119	Reserved for future use
		120 ⇔ 124	Eco fan mode
		125 ⇔ 129	Full fan mode
		130 ⇔ 134	Auto fan mode
		135 ⇔ 139	Fast dimmer mode
		140 ⇔ 144	Slow dimmer mode
145 ⇔ 255	Reserved for future use		
17	Main Red	000 ⇔ 255	0–100%
18	Main Green	000 ⇔ 255	0–100%
19	Main Blue	000 ⇔ 255	0–100%
20	Main White	000 ⇔ 255	0–100%

Dual Control Values (Movement)

Dual Control: Advanced Movement Mode (26-channel)

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	CTC	000	No function
		001 ⇄ 255	Color temperature, 2800–10000 K
6	Color	000	No function
		001 ⇄ 002	2700K R = 156 G = 118 B = 0 W = 63
		003 ⇄ 004	3200K R = 156 G = 141 B = 5 W = 89
		005 ⇄ 006	4200K R = 156 G = 141 B = 14 W = 255
		007 ⇄ 008	5600K R = 156 G = 207 B = 54 W = 255
		009 ⇄ 010	8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇄ 048	+ Green R = 0 G = 0–255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇄ 086	- Blue R = 0 G = 255 B = 255–0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇄ 124	+ Red R = 0–255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇄ 162	- Green R = 255 G = 255–0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇄ 200	+ Blue R = 255 G = 0 B = 0–255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇄ 238	- Red R = 255–0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇄ 247	Color fade, fast to slow
248 ⇄ 255	Color snap, fast to slow		
7	Gobo	000	All on
		001 ⇄ 254	Gobos 1–254
		255	All on
8	LED Macro / Auto Program	000 ⇄ 015	No function
		016 ⇄ 116	LED macros 1–101
		117 ⇄ 136	LED macro 102
		137 ⇄ 236	Auto programs 1–101
		237 ⇄ 255	Auto program 102
9	LED Macro / Auto Program Speed	000 ⇄ 127	Speed, fast to slow
		128	Hold
		129 ⇄ 255	Reverse speed, slow to fast
10	LED Built-in Delay	000 ⇄ 255	Fast to slow

Channel	Function	Value	Percent/Setting
11	Background Color	000	No function
		001 ⇔ 002	2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0–255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255–0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0–255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255–0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0–255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255–0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
		248 ⇔ 255	Color snap, fast to slow
12	Background Dimmer	000 ⇔ 255	0–100%
13	Background Fine Dimmer	000 ⇔ 255	0–100%
14	Main Dimmer	000 ⇔ 255	0–100%
15	Main Fine Dimmer	000 ⇔ 255	0–100%
16	Shutter	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100–0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0–100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100–0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0–100%, fast to slow
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
		205 ⇔ 209	On
210 ⇔ 224	Strobe 0–100–0%, fast to slow		
225 ⇔ 229	On		
230 ⇔ 244	Random pulse strobe, fast to slow		
245 ⇔ 255	On		
17	Zoom	000 ⇔ 255	Wide to narrow

Channel	Function	Value	Percent/Setting
18	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW (additive) color mixing mode
		025 ⇔ 029	CMY (subtractive) color mixing mode
		030 ⇔ 049	Reserved for future use
		050 ⇔ 054	Pan reset
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 119	Reserved for future use
		120 ⇔ 124	Eco fan mode
		125 ⇔ 129	Full fan mode
		130 ⇔ 134	Auto fan mode
135 ⇔ 139	Fast dimmer mode		
140 ⇔ 144	Slow dimmer mode		
145 ⇔ 255	Reserved for future use		
19	Main Red	000 ⇔ 255	0–100%
20	Main Fine Red	000 ⇔ 255	0–100%
21	Main Green	000 ⇔ 255	0–100%
22	Main Fine Green	000 ⇔ 255	0–100%
23	Main Blue	000 ⇔ 255	0–100%
24	Main Fine Blue	000 ⇔ 255	0–100%
25	Main White	000 ⇔ 255	0–100%
26	Main Fine White	000 ⇔ 255	0–100%

Dual Control: Standard Movement Mode (20-channel)

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	CTC	000	No function
		001 ⇔ 255	Color temperature, 2800–10000 K
6	Color	000	No function
		001 ⇔ 002	2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0–255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255–0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0–255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255–0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0–255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255–0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
248 ⇔ 255	Color snap, fast to slow		
7	Gobo	000	All on
		001 ⇔ 254	Gobos 1–254
		255	All on
8	LED Macro / Auto Program	000 ⇔ 015	No function
		016 ⇔ 116	LED macros 1–101
		117 ⇔ 136	LED macro 102
		137 ⇔ 236	Auto programs 1–101
		237 ⇔ 255	Auto program 102
9	LED Macro / Auto Program Speed	000 ⇔ 127	Speed, fast to slow
		128	Hold
		129 ⇔ 255	Reverse speed, slow to fast
10	LED Built-in Delay	000 ⇔ 255	Fast to slow

Channel	Function	Value	Percent/Setting
11	Background Color	000	No function
		001 ⇄ 002	2700K R = 156 G = 118 B = 0 W = 63
		003 ⇄ 004	3200K R = 156 G = 141 B = 5 W = 89
		005 ⇄ 006	4200K R = 156 G = 141 B = 14 W = 255
		007 ⇄ 008	5600K R = 156 G = 207 B = 54 W = 255
		009 ⇄ 010	8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇄ 048	+ Green R = 0 G = 0-255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇄ 086	- Blue R = 0 G = 255 B = 255-0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇄ 124	+ Red R = 0-255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇄ 162	- Green R = 255 G = 255-0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇄ 200	+ Blue R = 255 G = 0 B = 0-255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇄ 238	- Red R = 255-0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇄ 247	Color fade, fast to slow
248 ⇄ 255	Color snap, fast to slow		
12	Background Dimmer	000 ⇄ 255	0-100%
13	Main Dimmer	000 ⇄ 255	0-100%
14	Shutter	000 ⇄ 019	Off
		020 ⇄ 024	On
		025 ⇄ 064	Strobe, fast to slow
		065 ⇄ 069	On
		070 ⇄ 084	Strobe 100-0%, fast to slow
		085 ⇄ 089	On
		090 ⇄ 104	Strobe 0-100%, fast to slow
		105 ⇄ 109	On
		110 ⇄ 124	Random strobe, fast to slow
		125 ⇄ 129	On
		130 ⇄ 144	Random strobe 100-0%, fast to slow
		145 ⇄ 149	On
		150 ⇄ 164	Random strobe 0-100%, fast to slow
		165 ⇄ 169	On
		170 ⇄ 184	Pulse strobe, fast to slow
		185 ⇄ 189	On
		190 ⇄ 204	Random pulse strobe, fast to slow
		205 ⇄ 209	On
210 ⇄ 224	Strobe 0-100-0%, fast to slow		
225 ⇄ 229	On		
230 ⇄ 244	Random pulse strobe, fast to slow		
245 ⇄ 255	On		
15	Zoom	000 ⇄ 255	Wide to narrow

Channel	Function	Value	Percent/Setting
16	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW (additive) color mixing mode
		025 ⇔ 029	CMY (subtractive) color mixing mode
		030 ⇔ 049	Reserved for future use
		050 ⇔ 054	Pan reset
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 119	Reserved for future use
		120 ⇔ 124	Eco fan mode
		125 ⇔ 129	Full fan mode
		130 ⇔ 134	Auto fan mode
135 ⇔ 139	Fast dimmer mode		
140 ⇔ 144	Slow dimmer mode		
145 ⇔ 255	Reserved for future use		
17	Main Red	000 ⇔ 255	0–100%
18	Main Green	000 ⇔ 255	0–100%
19	Main Blue	000 ⇔ 255	0–100%
20	Main White	000 ⇔ 255	0–100%

Dual Control: Basic Movement Mode (8-channel)

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	Main Dimmer	000 ⇔ 255	0–100%
6	Shutter	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100–0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0–100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100–0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0–100%, fast to slow
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
205 ⇔ 209	On		
210 ⇔ 224	Strobe 0–100–0%, fast to slow		
225 ⇔ 229	On		
230 ⇔ 244	Random pulse strobe, fast to slow		
245 ⇔ 255	On		
7	Zoom	000 ⇔ 255	Wide to narrow

Channel	Function	Value	Percent/Setting
8	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW (additive) color mixing mode
		025 ⇔ 029	CMY (subtractive) color mixing mode
		030 ⇔ 049	Reserved for future use
		050 ⇔ 054	Pan reset
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075 ⇔ 119	Reserved for future use
		120 ⇔ 124	Eco fan mode
		125 ⇔ 129	Full fan mode
		130 ⇔ 134	Auto fan mode
		135 ⇔ 139	Fast dimmer mode
		140 ⇔ 144	Slow dimmer mode
145 ⇔ 255	Reserved for future use		

Dual Control Values (Pixels)

Dual Control: Advanced Pixels Mode (152-channel)

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇔ 255	0–100%
2	Fine Red 1	000 ⇔ 255	0–100%
3	Green 1	000 ⇔ 255	0–100%
4	Fine Green 1	000 ⇔ 255	0–100%
5	Blue 1	000 ⇔ 255	0–100%
6	Fine Blue 1	000 ⇔ 255	0–100%
7	White 1	000 ⇔ 255	0–100%
8	Fine White 1	000 ⇔ 255	0–100%
9	Red 2	000 ⇔ 255	0–100%
10	Fine Red 2	000 ⇔ 255	0–100%
11	Green 2	000 ⇔ 255	0–100%
12	Fine Green 2	000 ⇔ 255	0–100%
13	Blue 2	000 ⇔ 255	0–100%
14	Fine Blue 2	000 ⇔ 255	0–100%
15	White 2	000 ⇔ 255	0–100%
16	Fine White 2	000 ⇔ 255	0–100%
17	Red 3	000 ⇔ 255	0–100%
18	Fine Red 3	000 ⇔ 255	0–100%
19	Green 3	000 ⇔ 255	0–100%
20	Fine Green 3	000 ⇔ 255	0–100%
21	Blue 3	000 ⇔ 255	0–100%
22	Fine Blue 3	000 ⇔ 255	0–100%
23	White 3	000 ⇔ 255	0–100%
24	Fine White 3	000 ⇔ 255	0–100%
25	Red 4	000 ⇔ 255	0–100%
26	Fine Red 4	000 ⇔ 255	0–100%
27	Green 4	000 ⇔ 255	0–100%
28	Fine Green 4	000 ⇔ 255	0–100%
29	Blue 4	000 ⇔ 255	0–100%
30	Fine Blue 4	000 ⇔ 255	0–100%
31	White 4	000 ⇔ 255	0–100%
32	Fine White 4	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
33	Red 5	000 ⇄ 255	0–100%
34	Fine Red 5	000 ⇄ 255	0–100%
35	Green 5	000 ⇄ 255	0–100%
36	Fine Green 5	000 ⇄ 255	0–100%
37	Blue 5	000 ⇄ 255	0–100%
38	Fine Blue 5	000 ⇄ 255	0–100%
39	White 5	000 ⇄ 255	0–100%
40	Fine White 5	000 ⇄ 255	0–100%
41	Red 6	000 ⇄ 255	0–100%
42	Fine Red 6	000 ⇄ 255	0–100%
43	Green 6	000 ⇄ 255	0–100%
44	Fine Green 6	000 ⇄ 255	0–100%
45	Blue 6	000 ⇄ 255	0–100%
46	Fine Blue 6	000 ⇄ 255	0–100%
47	White 6	000 ⇄ 255	0–100%
48	Fine White 6	000 ⇄ 255	0–100%
49	Red 7	000 ⇄ 255	0–100%
50	Fine Red 7	000 ⇄ 255	0–100%
51	Green 7	000 ⇄ 255	0–100%
52	Fine Green 7	000 ⇄ 255	0–100%
53	Blue 7	000 ⇄ 255	0–100%
54	Fine Blue 7	000 ⇄ 255	0–100%
55	White 7	000 ⇄ 255	0–100%
56	Fine White 7	000 ⇄ 255	0–100%
57	Red 8	000 ⇄ 255	0–100%
58	Fine Red 8	000 ⇄ 255	0–100%
59	Green 8	000 ⇄ 255	0–100%
60	Fine Green 8	000 ⇄ 255	0–100%
61	Blue 8	000 ⇄ 255	0–100%
62	Fine Blue 8	000 ⇄ 255	0–100%
63	White 8	000 ⇄ 255	0–100%
64	Fine White 8	000 ⇄ 255	0–100%
65	Red 9	000 ⇄ 255	0–100%
66	Fine Red 9	000 ⇄ 255	0–100%
67	Green 9	000 ⇄ 255	0–100%
68	Fine Green 9	000 ⇄ 255	0–100%
69	Blue 9	000 ⇄ 255	0–100%
70	Fine Blue 9	000 ⇄ 255	0–100%
71	White 9	000 ⇄ 255	0–100%
72	Fine White 9	000 ⇄ 255	0–100%
73	Red 10	000 ⇄ 255	0–100%
74	Fine Red 10	000 ⇄ 255	0–100%
75	Green 10	000 ⇄ 255	0–100%
76	Fine Green 10	000 ⇄ 255	0–100%
77	Blue 10	000 ⇄ 255	0–100%
78	Fine Blue 10	000 ⇄ 255	0–100%
79	White 10	000 ⇄ 255	0–100%
80	Fine White 10	000 ⇄ 255	0–100%
81	Red 11	000 ⇄ 255	0–100%
82	Fine Red 11	000 ⇄ 255	0–100%
83	Green 11	000 ⇄ 255	0–100%
84	Fine Green 11	000 ⇄ 255	0–100%
85	Blue 11	000 ⇄ 255	0–100%
86	Fine Blue 11	000 ⇄ 255	0–100%
87	White 11	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
88	Fine White 11	000 ⇄ 255	0-100%
89	Red 12	000 ⇄ 255	0-100%
90	Fine Red 12	000 ⇄ 255	0-100%
91	Green 12	000 ⇄ 255	0-100%
92	Fine Green 12	000 ⇄ 255	0-100%
93	Blue 12	000 ⇄ 255	0-100%
94	Fine Blue 12	000 ⇄ 255	0-100%
95	White 12	000 ⇄ 255	0-100%
96	Fine White 12	000 ⇄ 255	0-100%
97	Red 13	000 ⇄ 255	0-100%
98	Fine Red 13	000 ⇄ 255	0-100%
99	Green 13	000 ⇄ 255	0-100%
100	Fine Green 13	000 ⇄ 255	0-100%
101	Blue 13	000 ⇄ 255	0-100%
102	Fine Blue 13	000 ⇄ 255	0-100%
103	White 13	000 ⇄ 255	0-100%
104	Fine White 13	000 ⇄ 255	0-100%
105	Red 14	000 ⇄ 255	0-100%
106	Fine Red 14	000 ⇄ 255	0-100%
107	Green 14	000 ⇄ 255	0-100%
108	Fine Green 14	000 ⇄ 255	0-100%
109	Blue 14	000 ⇄ 255	0-100%
110	Fine Blue 14	000 ⇄ 255	0-100%
111	White 14	000 ⇄ 255	0-100%
112	Fine White 14	000 ⇄ 255	0-100%
113	Red 15	000 ⇄ 255	0-100%
114	Fine Red 15	000 ⇄ 255	0-100%
115	Green 15	000 ⇄ 255	0-100%
116	Fine Green 15	000 ⇄ 255	0-100%
117	Blue 15	000 ⇄ 255	0-100%
118	Fine Blue 15	000 ⇄ 255	0-100%
119	White 15	000 ⇄ 255	0-100%
120	Fine White 15	000 ⇄ 255	0-100%
121	Red 16	000 ⇄ 255	0-100%
122	Fine Red 16	000 ⇄ 255	0-100%
123	Green 16	000 ⇄ 255	0-100%
124	Fine Green 16	000 ⇄ 255	0-100%
125	Blue 16	000 ⇄ 255	0-100%
126	Fine Blue 16	000 ⇄ 255	0-100%
127	White 16	000 ⇄ 255	0-100%
128	Fine White 16	000 ⇄ 255	0-100%
129	Red 17	000 ⇄ 255	0-100%
130	Fine Red 17	000 ⇄ 255	0-100%
131	Green 17	000 ⇄ 255	0-100%
132	Fine Green 17	000 ⇄ 255	0-100%
133	Blue 17	000 ⇄ 255	0-100%
134	Fine Blue 17	000 ⇄ 255	0-100%
135	White 17	000 ⇄ 255	0-100%
136	Fine White 17	000 ⇄ 255	0-100%
137	Red 18	000 ⇄ 255	0-100%
138	Fine Red 18	000 ⇄ 255	0-100%
139	Green 18	000 ⇄ 255	0-100%
140	Fine Green 18	000 ⇄ 255	0-100%
141	Blue 18	000 ⇄ 255	0-100%
142	Fine Blue 18	000 ⇄ 255	0-100%

Channel	Function	Value	Percent/Setting
143	White 18	000 ⇄ 255	0–100%
144	Fine White 18	000 ⇄ 255	0–100%
145	Red 19	000 ⇄ 255	0–100%
146	Fine Red 19	000 ⇄ 255	0–100%
147	Green 19	000 ⇄ 255	0–100%
148	Fine Green 19	000 ⇄ 255	0–100%
149	Blue 19	000 ⇄ 255	0–100%
150	Fine Blue 19	000 ⇄ 255	0–100%
151	White 19	000 ⇄ 255	0–100%
152	Fine White 19	000 ⇄ 255	0–100%

Dual Control: Standard Pixels Mode (76-channel)

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇄ 255	0–100%
2	Green 1	000 ⇄ 255	0–100%
3	Blue 1	000 ⇄ 255	0–100%
4	White 1	000 ⇄ 255	0–100%
5	Red 2	000 ⇄ 255	0–100%
6	Green 2	000 ⇄ 255	0–100%
7	Blue 2	000 ⇄ 255	0–100%
8	White 2	000 ⇄ 255	0–100%
9	Red 3	000 ⇄ 255	0–100%
10	Green 3	000 ⇄ 255	0–100%
11	Blue 3	000 ⇄ 255	0–100%
12	White 3	000 ⇄ 255	0–100%
13	Red 4	000 ⇄ 255	0–100%
14	Green 4	000 ⇄ 255	0–100%
15	Blue 4	000 ⇄ 255	0–100%
16	White 4	000 ⇄ 255	0–100%
17	Red 5	000 ⇄ 255	0–100%
18	Green 5	000 ⇄ 255	0–100%
19	Blue 5	000 ⇄ 255	0–100%
20	White 5	000 ⇄ 255	0–100%
21	Red 6	000 ⇄ 255	0–100%
22	Green 6	000 ⇄ 255	0–100%
23	Blue 6	000 ⇄ 255	0–100%
24	White 6	000 ⇄ 255	0–100%
25	Red 7	000 ⇄ 255	0–100%
26	Green 7	000 ⇄ 255	0–100%
27	Blue 7	000 ⇄ 255	0–100%
28	White 7	000 ⇄ 255	0–100%
29	Red 8	000 ⇄ 255	0–100%
30	Green 8	000 ⇄ 255	0–100%
31	Blue 8	000 ⇄ 255	0–100%
32	White 8	000 ⇄ 255	0–100%
33	Red 9	000 ⇄ 255	0–100%
34	Green 9	000 ⇄ 255	0–100%
35	Blue 9	000 ⇄ 255	0–100%
36	White 9	000 ⇄ 255	0–100%
37	Red 10	000 ⇄ 255	0–100%
38	Green 10	000 ⇄ 255	0–100%
39	Blue 10	000 ⇄ 255	0–100%
40	White 10	000 ⇄ 255	0–100%
41	Red 11	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
42	Green 11	000 ⇄ 255	0–100%
43	Blue 11	000 ⇄ 255	0–100%
44	White 11	000 ⇄ 255	0–100%
45	Red 12	000 ⇄ 255	0–100%
46	Green 12	000 ⇄ 255	0–100%
47	Blue 12	000 ⇄ 255	0–100%
48	White 12	000 ⇄ 255	0–100%
49	Red 13	000 ⇄ 255	0–100%
50	Green 13	000 ⇄ 255	0–100%
51	Blue 13	000 ⇄ 255	0–100%
52	White 13	000 ⇄ 255	0–100%
53	Red 14	000 ⇄ 255	0–100%
54	Green 14	000 ⇄ 255	0–100%
55	Blue 14	000 ⇄ 255	0–100%
56	White 14	000 ⇄ 255	0–100%
57	Red 15	000 ⇄ 255	0–100%
58	Green 15	000 ⇄ 255	0–100%
59	Blue 15	000 ⇄ 255	0–100%
60	White 15	000 ⇄ 255	0–100%
61	Red 16	000 ⇄ 255	0–100%
62	Green 16	000 ⇄ 255	0–100%
63	Blue 16	000 ⇄ 255	0–100%
64	White 16	000 ⇄ 255	0–100%
65	Red 17	000 ⇄ 255	0–100%
66	Green 17	000 ⇄ 255	0–100%
67	Blue 17	000 ⇄ 255	0–100%
68	White 17	000 ⇄ 255	0–100%
69	Red 18	000 ⇄ 255	0–100%
70	Green 18	000 ⇄ 255	0–100%
71	Blue 18	000 ⇄ 255	0–100%
72	White 18	000 ⇄ 255	0–100%
73	Red 19	000 ⇄ 255	0–100%
74	Green 19	000 ⇄ 255	0–100%
75	Blue 19	000 ⇄ 255	0–100%
76	White 19	000 ⇄ 255	0–100%

Dual Control: Basic Pixels Mode (57-channel)

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇄ 255	0–100%
2	Green 1	000 ⇄ 255	0–100%
3	Blue 1	000 ⇄ 255	0–100%
4	Red 2	000 ⇄ 255	0–100%
5	Green 2	000 ⇄ 255	0–100%
6	Blue 2	000 ⇄ 255	0–100%
7	Red 3	000 ⇄ 255	0–100%
8	Green 3	000 ⇄ 255	0–100%
9	Blue 3	000 ⇄ 255	0–100%
10	Red 4	000 ⇄ 255	0–100%
11	Green 4	000 ⇄ 255	0–100%
12	Blue 4	000 ⇄ 255	0–100%
13	Red 5	000 ⇄ 255	0–100%
14	Green 5	000 ⇄ 255	0–100%
15	Blue 5	000 ⇄ 255	0–100%
16	Red 6	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
17	Green 6	000 ⇄ 255	0–100%
18	Blue 6	000 ⇄ 255	0–100%
19	Red 7	000 ⇄ 255	0–100%
20	Green 7	000 ⇄ 255	0–100%
21	Blue 7	000 ⇄ 255	0–100%
22	Red 8	000 ⇄ 255	0–100%
23	Green 8	000 ⇄ 255	0–100%
24	Blue 8	000 ⇄ 255	0–100%
25	Red 9	000 ⇄ 255	0–100%
26	Green 9	000 ⇄ 255	0–100%
27	Blue 9	000 ⇄ 255	0–100%
28	Red 10	000 ⇄ 255	0–100%
29	Green 10	000 ⇄ 255	0–100%
30	Blue 10	000 ⇄ 255	0–100%
31	Red 11	000 ⇄ 255	0–100%
32	Green 11	000 ⇄ 255	0–100%
33	Blue 11	000 ⇄ 255	0–100%
34	Red 12	000 ⇄ 255	0–100%
35	Green 12	000 ⇄ 255	0–100%
36	Blue 12	000 ⇄ 255	0–100%
37	Red 13	000 ⇄ 255	0–100%
38	Green 13	000 ⇄ 255	0–100%
39	Blue 13	000 ⇄ 255	0–100%
40	Red 14	000 ⇄ 255	0–100%
41	Green 14	000 ⇄ 255	0–100%
42	Blue 14	000 ⇄ 255	0–100%
43	Red 15	000 ⇄ 255	0–100%
44	Green 15	000 ⇄ 255	0–100%
45	Blue 15	000 ⇄ 255	0–100%
46	Red 16	000 ⇄ 255	0–100%
47	Green 16	000 ⇄ 255	0–100%
48	Blue 16	000 ⇄ 255	0–100%
49	Red 17	000 ⇄ 255	0–100%
50	Green 17	000 ⇄ 255	0–100%
51	Blue 17	000 ⇄ 255	0–100%
52	Red 18	000 ⇄ 255	0–100%
53	Green 18	000 ⇄ 255	0–100%
54	Blue 18	000 ⇄ 255	0–100%
55	Red 19	000 ⇄ 255	0–100%
56	Green 19	000 ⇄ 255	0–100%
57	Blue 19	000 ⇄ 255	0–100%

Zones for Pixel Control

