

DMX CHART



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Single Control Values

Single Control: Tour Mode (297-channel)

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Pan Fine	000 ⇔ 255	0–100%
3	Tilt	000 ⇔ 255	0–100%
4	Tilt Fine	000 ⇔ 255	0–100%
5	Pan/Tilt Speed	000 ⇔ 255	Fast to slow
6	CTC	000	No function
		001 ⇔ 255	Color temperature, 2800–10000 K
7	Color Macro	000	No function
		001 ⇔ 255	Color macros
8	Gobo	000	No function
		001 ⇔ 255	Gobos (indexed)
9	LED Macro / Auto Program	000 ⇔ 015	No function
		016 ⇔ 135	LED macros
		136 ⇔ 255	Auto programs
10	LED Macro / Auto Program Speed	000 ⇔ 127	Auto speed, fast to slow
		128	Hold
		129 ⇔ 255	Auto speed, slow to fast
11	LED Built-in Delay	000 ⇔ 255	Fast to slow
12	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		
13	Background Dimmer	000 ⇔ 255	0–100%
14	Background Fine Dimmer	000 ⇔ 255	0–100%
15	Main Dimmer	000 ⇔ 255	0–100%
16	Main Fine Dimmer	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
17	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		
18	Zoom	000 ⇔ 255	Wide to narrow
19	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW color mixing mode
		025 ⇔ 029	CMY color mixing mode (R=C, G=M, B=Y)
		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 ⇔ 109	Reserved for future use
		110 ⇔ 114	Fast Pan/Tilt speed
		115 ⇔ 119	Slow Pan/tilt speed
		120 ⇔ 124	Slow 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		
20	Main Red	000 ⇔ 255	0–100%
21	Main Fine Red	000 ⇔ 255	0–100%
22	Main Green	000 ⇔ 255	0–100%
23	Main Fine Green	000 ⇔ 255	0–100%
24	Main Blue	000 ⇔ 255	0–100%
25	Main Fine Blue	000 ⇔ 255	0–100%
26	Main White	000 ⇔ 255	0–100%
27	Main Fine White	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
28	Dimmer 1	000 ⇄ 255	0–100%
29	Fine Dimmer 1	000 ⇄ 255	0–100%
30	Red 1	000 ⇄ 255	0–100%
31	Fine Red 1	000 ⇄ 255	0–100%
32	Green 1	000 ⇄ 255	0–100%
33	Fine Green 1	000 ⇄ 255	0–100%
34	Blue 1	000 ⇄ 255	0–100%
35	Fine Blue 1	000 ⇄ 255	0–100%
36	White 1	000 ⇄ 255	0–100%
37	Fine White 1	000 ⇄ 255	0–100%
38	Dimmer 2	000 ⇄ 255	0–100%
39	Fine Dimmer 2	000 ⇄ 255	0–100%
40	Red 2	000 ⇄ 255	0–100%
41	Fine Red 2	000 ⇄ 255	0–100%
42	Green 2	000 ⇄ 255	0–100%
43	Fine Green 2	000 ⇄ 255	0–100%
44	Blue 2	000 ⇄ 255	0–100%
45	Fine Blue 2	000 ⇄ 255	0–100%
46	White 2	000 ⇄ 255	0–100%
47	Fine White 2	000 ⇄ 255	0–100%
48	Dimmer 3	000 ⇄ 255	0–100%
49	Fine Dimmer 3	000 ⇄ 255	0–100%
50	Red 3	000 ⇄ 255	0–100%
51	Fine Red 3	000 ⇄ 255	0–100%
52	Green 3	000 ⇄ 255	0–100%
53	Fine Green 3	000 ⇄ 255	0–100%
54	Blue 3	000 ⇄ 255	0–100%
55	Fine Blue 3	000 ⇄ 255	0–100%
56	White 3	000 ⇄ 255	0–100%
57	Fine White 3	000 ⇄ 255	0–100%
58	Dimmer 4	000 ⇄ 255	0–100%
59	Fine Dimmer 4	000 ⇄ 255	0–100%
60	Red 4	000 ⇄ 255	0–100%
61	Fine Red 4	000 ⇄ 255	0–100%
62	Green 4	000 ⇄ 255	0–100%
63	Fine Green 4	000 ⇄ 255	0–100%
64	Blue 4	000 ⇄ 255	0–100%
65	Fine Blue 4	000 ⇄ 255	0–100%
66	White 4	000 ⇄ 255	0–100%
67	Fine White 4	000 ⇄ 255	0–100%
68	Dimmer 5	000 ⇄ 255	0–100%
69	Fine Dimmer 5	000 ⇄ 255	0–100%
70	Red 5	000 ⇄ 255	0–100%
71	Fine Red 5	000 ⇄ 255	0–100%
72	Green 5	000 ⇄ 255	0–100%
73	Fine Green 5	000 ⇄ 255	0–100%
74	Blue 5	000 ⇄ 255	0–100%
75	Fine Blue 5	000 ⇄ 255	0–100%
76	White 5	000 ⇄ 255	0–100%
77	Fine White 5	000 ⇄ 255	0–100%
78	Dimmer 6	000 ⇄ 255	0–100%
79	Fine Dimmer 6	000 ⇄ 255	0–100%
80	Red 6	000 ⇄ 255	0–100%
81	Fine Red 6	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
82	Green 6	000 ⇄ 255	0–100%
83	Fine Green 6	000 ⇄ 255	0–100%
84	Blue 6	000 ⇄ 255	0–100%
85	Fine Blue 6	000 ⇄ 255	0–100%
86	White 6	000 ⇄ 255	0–100%
87	Fine White 6	000 ⇄ 255	0–100%
88	Dimmer 7	000 ⇄ 255	0–100%
89	Fine Dimmer 7	000 ⇄ 255	0–100%
90	Red 7	000 ⇄ 255	0–100%
91	Fine Red 7	000 ⇄ 255	0–100%
92	Green 7	000 ⇄ 255	0–100%
93	Fine Green 7	000 ⇄ 255	0–100%
94	Blue 7	000 ⇄ 255	0–100%
95	Fine Blue 7	000 ⇄ 255	0–100%
96	White 7	000 ⇄ 255	0–100%
97	Fine White 7	000 ⇄ 255	0–100%
98	Dimmer 8	000 ⇄ 255	0–100%
99	Fine Dimmer 8	000 ⇄ 255	0–100%
100	Red 8	000 ⇄ 255	0–100%
101	Fine Red 8	000 ⇄ 255	0–100%
102	Green 8	000 ⇄ 255	0–100%
103	Fine Green 8	000 ⇄ 255	0–100%
104	Blue 8	000 ⇄ 255	0–100%
105	Fine Blue 8	000 ⇄ 255	0–100%
106	White 8	000 ⇄ 255	0–100%
107	Fine White 8	000 ⇄ 255	0–100%
108	Dimmer 9	000 ⇄ 255	0–100%
109	Fine Dimmer 9	000 ⇄ 255	0–100%
110	Red 9	000 ⇄ 255	0–100%
111	Fine Red 9	000 ⇄ 255	0–100%
112	Green 9	000 ⇄ 255	0–100%
113	Fine Green 9	000 ⇄ 255	0–100%
114	Blue 9	000 ⇄ 255	0–100%
115	Fine Blue 9	000 ⇄ 255	0–100%
116	White 9	000 ⇄ 255	0–100%
117	Fine White 9	000 ⇄ 255	0–100%
118	Dimmer 10	000 ⇄ 255	0–100%
119	Fine Dimmer 10	000 ⇄ 255	0–100%
120	Red 10	000 ⇄ 255	0–100%
121	Fine Red 10	000 ⇄ 255	0–100%
122	Green 10	000 ⇄ 255	0–100%
123	Fine Green 10	000 ⇄ 255	0–100%
124	Blue 10	000 ⇄ 255	0–100%
125	Fine Blue 10	000 ⇄ 255	0–100%
126	White 10	000 ⇄ 255	0–100%
127	Fine White 10	000 ⇄ 255	0–100%
128	Dimmer 11	000 ⇄ 255	0–100%
129	Fine Dimmer 11	000 ⇄ 255	0–100%
130	Red 11	000 ⇄ 255	0–100%
131	Fine Red 11	000 ⇄ 255	0–100%
132	Green 11	000 ⇄ 255	0–100%
133	Fine Green 11	000 ⇄ 255	0–100%
134	Blue 11	000 ⇄ 255	0–100%
135	Fine Blue 11	000 ⇄ 255	0–100%

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Channel	Function	Value	Percent/Setting
136	White 11	000 ⇄ 255	0–100%
137	Fine White 11	000 ⇄ 255	0–100%
138	Dimmer 12	000 ⇄ 255	0–100%
139	Fine Dimmer 12	000 ⇄ 255	0–100%
140	Red 12	000 ⇄ 255	0–100%
141	Fine Red 12	000 ⇄ 255	0–100%
142	Green 12	000 ⇄ 255	0–100%
143	Fine Green 12	000 ⇄ 255	0–100%
144	Blue 12	000 ⇄ 255	0–100%
145	Fine Blue 12	000 ⇄ 255	0–100%
146	White 12	000 ⇄ 255	0–100%
147	Fine White 12	000 ⇄ 255	0–100%
148	Dimmer 13	000 ⇄ 255	0–100%
149	Fine Dimmer 13	000 ⇄ 255	0–100%
150	Red 13	000 ⇄ 255	0–100%
151	Fine Red 13	000 ⇄ 255	0–100%
152	Green 13	000 ⇄ 255	0–100%
153	Fine Green 13	000 ⇄ 255	0–100%
154	Blue 13	000 ⇄ 255	0–100%
155	Fine Blue 13	000 ⇄ 255	0–100%
156	White 13	000 ⇄ 255	0–100%
157	Fine White 13	000 ⇄ 255	0–100%
158	Dimmer 14	000 ⇄ 255	0–100%
159	Fine Dimmer 14	000 ⇄ 255	0–100%
160	Red 14	000 ⇄ 255	0–100%
161	Fine Red 14	000 ⇄ 255	0–100%
162	Green 14	000 ⇄ 255	0–100%
163	Fine Green 14	000 ⇄ 255	0–100%
164	Blue 14	000 ⇄ 255	0–100%
165	Fine Blue 14	000 ⇄ 255	0–100%
166	White 14	000 ⇄ 255	0–100%
167	Fine White 14	000 ⇄ 255	0–100%
168	Dimmer 15	000 ⇄ 255	0–100%
169	Fine Dimmer 15	000 ⇄ 255	0–100%
170	Red 15	000 ⇄ 255	0–100%
171	Fine Red 15	000 ⇄ 255	0–100%
172	Green 15	000 ⇄ 255	0–100%
173	Fine Green 15	000 ⇄ 255	0–100%
174	Blue 15	000 ⇄ 255	0–100%
175	Fine Blue 15	000 ⇄ 255	0–100%
176	White 15	000 ⇄ 255	0–100%
177	Fine White 15	000 ⇄ 255	0–100%
178	Dimmer 16	000 ⇄ 255	0–100%
179	Fine Dimmer 16	000 ⇄ 255	0–100%
180	Red 16	000 ⇄ 255	0–100%
181	Fine Red 16	000 ⇄ 255	0–100%
182	Green 16	000 ⇄ 255	0–100%
183	Fine Green 16	000 ⇄ 255	0–100%
184	Blue 16	000 ⇄ 255	0–100%
185	Fine Blue 16	000 ⇄ 255	0–100%
186	White 16	000 ⇄ 255	0–100%
187	Fine White 16	000 ⇄ 255	0–100%
188	Dimmer 17	000 ⇄ 255	0–100%
189	Fine Dimmer 17	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
190	Red 17	000 ⇄ 255	0–100%
191	Fine Red 17	000 ⇄ 255	0–100%
192	Green 17	000 ⇄ 255	0–100%
193	Fine Green 17	000 ⇄ 255	0–100%
194	Blue 17	000 ⇄ 255	0–100%
195	Fine Blue 17	000 ⇄ 255	0–100%
196	White 17	000 ⇄ 255	0–100%
197	Fine White 17	000 ⇄ 255	0–100%
198	Dimmer 18	000 ⇄ 255	0–100%
199	Fine Dimmer 18	000 ⇄ 255	0–100%
200	Red 18	000 ⇄ 255	0–100%
201	Fine Red 18	000 ⇄ 255	0–100%
202	Green 18	000 ⇄ 255	0–100%
203	Fine Green 18	000 ⇄ 255	0–100%
204	Blue 18	000 ⇄ 255	0–100%
205	Fine Blue 18	000 ⇄ 255	0–100%
206	White 18	000 ⇄ 255	0–100%
207	Fine White 18	000 ⇄ 255	0–100%
208	Dimmer 19	000 ⇄ 255	0–100%
209	Fine Dimmer 19	000 ⇄ 255	0–100%
210	Red 19	000 ⇄ 255	0–100%
211	Fine Red 19	000 ⇄ 255	0–100%
212	Green 19	000 ⇄ 255	0–100%
213	Fine Green 19	000 ⇄ 255	0–100%
214	Blue 19	000 ⇄ 255	0–100%
215	Fine Blue 19	000 ⇄ 255	0–100%
216	White 19	000 ⇄ 255	0–100%
217	Fine White 19	000 ⇄ 255	0–100%
218	Dimmer 20	000 ⇄ 255	0–100%
219	Fine Dimmer 20	000 ⇄ 255	0–100%
220	Red 20	000 ⇄ 255	0–100%
221	Fine Red 20	000 ⇄ 255	0–100%
222	Green 20	000 ⇄ 255	0–100%
223	Fine Green 20	000 ⇄ 255	0–100%
224	Blue 20	000 ⇄ 255	0–100%
225	Fine Blue 20	000 ⇄ 255	0–100%
226	White 20	000 ⇄ 255	0–100%
227	Fine White 20	000 ⇄ 255	0–100%
228	Dimmer 21	000 ⇄ 255	0–100%
229	Fine Dimmer 21	000 ⇄ 255	0–100%
230	Red 21	000 ⇄ 255	0–100%
231	Fine Red 21	000 ⇄ 255	0–100%
232	Green 21	000 ⇄ 255	0–100%
233	Fine Green 21	000 ⇄ 255	0–100%
234	Blue 21	000 ⇄ 255	0–100%
235	Fine Blue 21	000 ⇄ 255	0–100%
236	White 21	000 ⇄ 255	0–100%
237	Fine White 21	000 ⇄ 255	0–100%
238	Dimmer 22	000 ⇄ 255	0–100%
239	Fine Dimmer 22	000 ⇄ 255	0–100%
240	Red 22	000 ⇄ 255	0–100%
241	Fine Red 22	000 ⇄ 255	0–100%
242	Green 22	000 ⇄ 255	0–100%
243	Fine Green 22	000 ⇄ 255	0–100%

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Channel	Function	Value	Percent/Setting
244	Blue 22	000 ⇄ 255	0–100%
245	Fine Blue 22	000 ⇄ 255	0–100%
246	White 22	000 ⇄ 255	0–100%
247	Fine White 22	000 ⇄ 255	0–100%
248	Dimmer 23	000 ⇄ 255	0–100%
249	Fine Dimmer 23	000 ⇄ 255	0–100%
250	Red 23	000 ⇄ 255	0–100%
251	Fine Red 23	000 ⇄ 255	0–100%
252	Green 23	000 ⇄ 255	0–100%
253	Fine Green 23	000 ⇄ 255	0–100%
254	Blue 23	000 ⇄ 255	0–100%
255	Fine Blue 23	000 ⇄ 255	0–100%
256	White 23	000 ⇄ 255	0–100%
257	Fine White 23	000 ⇄ 255	0–100%
258	Dimmer 24	000 ⇄ 255	0–100%
259	Fine Dimmer 24	000 ⇄ 255	0–100%
260	Red 24	000 ⇄ 255	0–100%
261	Fine Red 24	000 ⇄ 255	0–100%
262	Green 24	000 ⇄ 255	0–100%
263	Fine Green 24	000 ⇄ 255	0–100%
264	Blue 24	000 ⇄ 255	0–100%
265	Fine Blue 24	000 ⇄ 255	0–100%
266	White 24	000 ⇄ 255	0–100%
267	Fine White 24	000 ⇄ 255	0–100%
268	Dimmer 25	000 ⇄ 255	0–100%
269	Fine Dimmer 25	000 ⇄ 255	0–100%
270	Red 25	000 ⇄ 255	0–100%
271	Fine Red 25	000 ⇄ 255	0–100%
272	Green 25	000 ⇄ 255	0–100%
273	Fine Green 25	000 ⇄ 255	0–100%
274	Blue 25	000 ⇄ 255	0–100%
275	Fine Blue 25	000 ⇄ 255	0–100%
276	White 25	000 ⇄ 255	0–100%
277	Fine White 25	000 ⇄ 255	0–100%
278	Dimmer 26	000 ⇄ 255	0–100%
279	Fine Dimmer 26	000 ⇄ 255	0–100%
280	Red 26	000 ⇄ 255	0–100%
281	Fine Red 26	000 ⇄ 255	0–100%
282	Green 26	000 ⇄ 255	0–100%
283	Fine Green 26	000 ⇄ 255	0–100%
284	Blue 26	000 ⇄ 255	0–100%
285	Fine Blue 26	000 ⇄ 255	0–100%
286	White 26	000 ⇄ 255	0–100%
287	Fine White 26	000 ⇄ 255	0–100%
288	Dimmer 27	000 ⇄ 255	0–100%
289	Fine Dimmer 27	000 ⇄ 255	0–100%
290	Red 27	000 ⇄ 255	0–100%
291	Fine Red 27	000 ⇄ 255	0–100%
292	Green 27	000 ⇄ 255	0–100%
293	Fine Green 27	000 ⇄ 255	0–100%
294	Blue 27	000 ⇄ 255	0–100%
295	Fine Blue 27	000 ⇄ 255	0–100%
296	White 27	000 ⇄ 255	0–100%
297	Fine White 27	000 ⇄ 255	0–100%

Single Control: Advanced Mode (243-channel)

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Pan Fine	000 ⇔ 255	0–100%
3	Tilt	000 ⇔ 255	0–100%
4	Tilt Fine	000 ⇔ 255	0–100%
5	Pan/Tilt Speed	000 ⇔ 255	Fast to slow
6	CTC	000	No function
		001 ⇔ 255	Color temperature, 2800–10000 K
7	Color Macro	000	No function
		001 ⇔ 255	Color macros
8	Gobo	000	No function
		001 ⇔ 255	Gobos (indexed)
9	LED Macro / Auto Program	000 ⇔ 015	No function
		016 ⇔ 135	LED macros
		136 ⇔ 255	Auto programs
10	LED Macro / Auto Program Speed	000 ⇔ 127	Auto speed, fast to slow
		128	Hold
		129 ⇔ 255	Auto speed, slow to fast
11	LED Built-in Delay	000 ⇔ 255	Fast to slow
12	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		
13	Background Dimmer	000 ⇔ 255	0–100%
14	Background Fine Dimmer	000 ⇔ 255	0–100%
15	Main Dimmer	000 ⇔ 255	0–100%
16	Main Fine Dimmer	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
17	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		
18	Zoom	000 ⇔ 255	Wide to narrow
19	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW color mixing mode
		025 ⇔ 029	CMY color mixing mode (R=C, G=M, B=Y)
		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 ⇔ 109	Reserved for future use
		110 ⇔ 114	Fast Pan/Tilt speed
		115 ⇔ 119	Slow Pan/tilt speed
		120 ⇔ 124	Slow 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		
20	Main Red	000 ⇔ 255	0–100%
21	Main Fine Red	000 ⇔ 255	0–100%
22	Main Green	000 ⇔ 255	0–100%
23	Main Fine Green	000 ⇔ 255	0–100%
24	Main Blue	000 ⇔ 255	0–100%
25	Main Fine Blue	000 ⇔ 255	0–100%
26	Main White	000 ⇔ 255	0–100%
27	Main Fine White	000 ⇔ 255	0–100%
28	Red 1	000 ⇔ 255	0–100%
29	Fine Red 1	000 ⇔ 255	0–100%
30	Green 1	000 ⇔ 255	0–100%
31	Fine Green 1	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
32	Blue 1	000 ⇄ 255	0–100%
33	Fine Blue 1	000 ⇄ 255	0–100%
34	White 1	000 ⇄ 255	0–100%
35	Fine White 1	000 ⇄ 255	0–100%
36	Red 2	000 ⇄ 255	0–100%
37	Fine Red 2	000 ⇄ 255	0–100%
38	Green 2	000 ⇄ 255	0–100%
39	Fine Green 2	000 ⇄ 255	0–100%
40	Blue 2	000 ⇄ 255	0–100%
41	Fine Blue 2	000 ⇄ 255	0–100%
42	White 2	000 ⇄ 255	0–100%
43	Fine White 2	000 ⇄ 255	0–100%
44	Red 3	000 ⇄ 255	0–100%
45	Fine Red 3	000 ⇄ 255	0–100%
46	Green 3	000 ⇄ 255	0–100%
47	Fine Green 3	000 ⇄ 255	0–100%
48	Blue 3	000 ⇄ 255	0–100%
49	Fine Blue 3	000 ⇄ 255	0–100%
50	White 3	000 ⇄ 255	0–100%
51	Fine White 3	000 ⇄ 255	0–100%
52	Red 4	000 ⇄ 255	0–100%
53	Fine Red 4	000 ⇄ 255	0–100%
54	Green 4	000 ⇄ 255	0–100%
55	Fine Green 4	000 ⇄ 255	0–100%
56	Blue 4	000 ⇄ 255	0–100%
57	Fine Blue 4	000 ⇄ 255	0–100%
58	White 4	000 ⇄ 255	0–100%
59	Fine White 4	000 ⇄ 255	0–100%
60	Red 5	000 ⇄ 255	0–100%
61	Fine Red 5	000 ⇄ 255	0–100%
62	Green 5	000 ⇄ 255	0–100%
63	Fine Green 5	000 ⇄ 255	0–100%
64	Blue 5	000 ⇄ 255	0–100%
65	Fine Blue 5	000 ⇄ 255	0–100%
66	White 5	000 ⇄ 255	0–100%
67	Fine White 5	000 ⇄ 255	0–100%
68	Red 6	000 ⇄ 255	0–100%
69	Fine Red 6	000 ⇄ 255	0–100%
70	Green 6	000 ⇄ 255	0–100%
71	Fine Green 6	000 ⇄ 255	0–100%
72	Blue 6	000 ⇄ 255	0–100%
73	Fine Blue 6	000 ⇄ 255	0–100%
74	White 6	000 ⇄ 255	0–100%
75	Fine White 6	000 ⇄ 255	0–100%
76	Red 7	000 ⇄ 255	0–100%
77	Fine Red 7	000 ⇄ 255	0–100%
78	Green 7	000 ⇄ 255	0–100%
79	Fine Green 7	000 ⇄ 255	0–100%
80	Blue 7	000 ⇄ 255	0–100%
81	Fine Blue 7	000 ⇄ 255	0–100%
82	White 7	000 ⇄ 255	0–100%
83	Fine White 7	000 ⇄ 255	0–100%
84	Red 8	000 ⇄ 255	0–100%
85	Fine Red 8	000 ⇄ 255	0–100%

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Channel	Function	Value	Percent/Setting
86	Green 8	000 ⇄ 255	0–100%
87	Fine Green 8	000 ⇄ 255	0–100%
88	Blue 8	000 ⇄ 255	0–100%
89	Fine Blue 8	000 ⇄ 255	0–100%
90	White 8	000 ⇄ 255	0–100%
91	Fine White 8	000 ⇄ 255	0–100%
92	Red 9	000 ⇄ 255	0–100%
93	Fine Red 9	000 ⇄ 255	0–100%
94	Green 9	000 ⇄ 255	0–100%
95	Fine Green 9	000 ⇄ 255	0–100%
96	Blue 9	000 ⇄ 255	0–100%
97	Fine Blue 9	000 ⇄ 255	0–100%
98	White 9	000 ⇄ 255	0–100%
99	Fine White 9	000 ⇄ 255	0–100%
100	Red 10	000 ⇄ 255	0–100%
101	Fine Red 10	000 ⇄ 255	0–100%
102	Green 10	000 ⇄ 255	0–100%
103	Fine Green 10	000 ⇄ 255	0–100%
104	Blue 10	000 ⇄ 255	0–100%
105	Fine Blue 10	000 ⇄ 255	0–100%
106	White 10	000 ⇄ 255	0–100%
107	Fine White 10	000 ⇄ 255	0–100%
108	Red 11	000 ⇄ 255	0–100%
109	Fine Red 11	000 ⇄ 255	0–100%
110	Green 11	000 ⇄ 255	0–100%
111	Fine Green 11	000 ⇄ 255	0–100%
112	Blue 11	000 ⇄ 255	0–100%
113	Fine Blue 11	000 ⇄ 255	0–100%
114	White 11	000 ⇄ 255	0–100%
115	Fine White 11	000 ⇄ 255	0–100%
116	Red 12	000 ⇄ 255	0–100%
117	Fine Red 12	000 ⇄ 255	0–100%
118	Green 12	000 ⇄ 255	0–100%
119	Fine Green 12	000 ⇄ 255	0–100%
120	Blue 12	000 ⇄ 255	0–100%
121	Fine Blue 12	000 ⇄ 255	0–100%
122	White 12	000 ⇄ 255	0–100%
123	Fine White 12	000 ⇄ 255	0–100%
124	Red 13	000 ⇄ 255	0–100%
125	Fine Red 13	000 ⇄ 255	0–100%
126	Green 13	000 ⇄ 255	0–100%
127	Fine Green 13	000 ⇄ 255	0–100%
128	Blue 13	000 ⇄ 255	0–100%
129	Fine Blue 13	000 ⇄ 255	0–100%
130	White 13	000 ⇄ 255	0–100%
131	Fine White 13	000 ⇄ 255	0–100%
132	Red 14	000 ⇄ 255	0–100%
133	Fine Red 14	000 ⇄ 255	0–100%
134	Green 14	000 ⇄ 255	0–100%
135	Fine Green 14	000 ⇄ 255	0–100%
136	Blue 14	000 ⇄ 255	0–100%
137	Fine Blue 14	000 ⇄ 255	0–100%
138	White 14	000 ⇄ 255	0–100%
139	Fine White 14	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
140	Red 15	000 ⇄ 255	0–100%
141	Fine Red 15	000 ⇄ 255	0–100%
142	Green 15	000 ⇄ 255	0–100%
143	Fine Green 15	000 ⇄ 255	0–100%
144	Blue 15	000 ⇄ 255	0–100%
145	Fine Blue 15	000 ⇄ 255	0–100%
146	White 15	000 ⇄ 255	0–100%
147	Fine White 15	000 ⇄ 255	0–100%
148	Red 16	000 ⇄ 255	0–100%
149	Fine Red 16	000 ⇄ 255	0–100%
150	Green 16	000 ⇄ 255	0–100%
151	Fine Green 16	000 ⇄ 255	0–100%
152	Blue 16	000 ⇄ 255	0–100%
153	Fine Blue 16	000 ⇄ 255	0–100%
154	White 16	000 ⇄ 255	0–100%
155	Fine White 16	000 ⇄ 255	0–100%
156	Red 17	000 ⇄ 255	0–100%
157	Fine Red 17	000 ⇄ 255	0–100%
158	Green 17	000 ⇄ 255	0–100%
159	Fine Green 17	000 ⇄ 255	0–100%
160	Blue 17	000 ⇄ 255	0–100%
161	Fine Blue 17	000 ⇄ 255	0–100%
162	White 17	000 ⇄ 255	0–100%
163	Fine White 17	000 ⇄ 255	0–100%
164	Red 18	000 ⇄ 255	0–100%
165	Fine Red 18	000 ⇄ 255	0–100%
166	Green 18	000 ⇄ 255	0–100%
167	Fine Green 18	000 ⇄ 255	0–100%
168	Blue 18	000 ⇄ 255	0–100%
169	Fine Blue 18	000 ⇄ 255	0–100%
170	White 18	000 ⇄ 255	0–100%
171	Fine White 18	000 ⇄ 255	0–100%
172	Red 19	000 ⇄ 255	0–100%
173	Fine Red 19	000 ⇄ 255	0–100%
174	Green 19	000 ⇄ 255	0–100%
175	Fine Green 19	000 ⇄ 255	0–100%
176	Blue 19	000 ⇄ 255	0–100%
177	Fine Blue 19	000 ⇄ 255	0–100%
178	White 19	000 ⇄ 255	0–100%
179	Fine White 19	000 ⇄ 255	0–100%
180	Red 20	000 ⇄ 255	0–100%
181	Fine Red 20	000 ⇄ 255	0–100%
182	Green 20	000 ⇄ 255	0–100%
183	Fine Green 20	000 ⇄ 255	0–100%
184	Blue 20	000 ⇄ 255	0–100%
185	Fine Blue 20	000 ⇄ 255	0–100%
186	White 20	000 ⇄ 255	0–100%
187	Fine White 20	000 ⇄ 255	0–100%
188	Red 21	000 ⇄ 255	0–100%
189	Fine Red 21	000 ⇄ 255	0–100%
190	Green 21	000 ⇄ 255	0–100%
191	Fine Green 21	000 ⇄ 255	0–100%
192	Blue 21	000 ⇄ 255	0–100%
193	Fine Blue 21	000 ⇄ 255	0–100%

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Channel	Function	Value	Percent/Setting
194	White 21	000 ⇄ 255	0–100%
195	Fine White 21	000 ⇄ 255	0–100%
196	Red 22	000 ⇄ 255	0–100%
197	Fine Red 22	000 ⇄ 255	0–100%
198	Green 22	000 ⇄ 255	0–100%
199	Fine Green 22	000 ⇄ 255	0–100%
200	Blue 22	000 ⇄ 255	0–100%
201	Fine Blue 22	000 ⇄ 255	0–100%
202	White 22	000 ⇄ 255	0–100%
203	Fine White 22	000 ⇄ 255	0–100%
204	Red 23	000 ⇄ 255	0–100%
205	Fine Red 23	000 ⇄ 255	0–100%
206	Green 23	000 ⇄ 255	0–100%
207	Fine Green 23	000 ⇄ 255	0–100%
208	Blue 23	000 ⇄ 255	0–100%
209	Fine Blue 23	000 ⇄ 255	0–100%
210	White 23	000 ⇄ 255	0–100%
211	Fine White 23	000 ⇄ 255	0–100%
212	Red 24	000 ⇄ 255	0–100%
213	Fine Red 24	000 ⇄ 255	0–100%
214	Green 24	000 ⇄ 255	0–100%
215	Fine Green 24	000 ⇄ 255	0–100%
216	Blue 24	000 ⇄ 255	0–100%
217	Fine Blue 24	000 ⇄ 255	0–100%
218	White 24	000 ⇄ 255	0–100%
219	Fine White 24	000 ⇄ 255	0–100%
220	Red 25	000 ⇄ 255	0–100%
221	Fine Red 25	000 ⇄ 255	0–100%
222	Green 25	000 ⇄ 255	0–100%
223	Fine Green 25	000 ⇄ 255	0–100%
224	Blue 25	000 ⇄ 255	0–100%
225	Fine Blue 25	000 ⇄ 255	0–100%
226	White 25	000 ⇄ 255	0–100%
227	Fine White 25	000 ⇄ 255	0–100%
228	Red 26	000 ⇄ 255	0–100%
229	Fine Red 26	000 ⇄ 255	0–100%
230	Green 26	000 ⇄ 255	0–100%
231	Fine Green 26	000 ⇄ 255	0–100%
232	Blue 26	000 ⇄ 255	0–100%
233	Fine Blue 26	000 ⇄ 255	0–100%
234	White 26	000 ⇄ 255	0–100%
235	Fine White 26	000 ⇄ 255	0–100%
236	Red 27	000 ⇄ 255	0–100%
237	Fine Red 27	000 ⇄ 255	0–100%
238	Green 27	000 ⇄ 255	0–100%
239	Fine Green 27	000 ⇄ 255	0–100%
240	Blue 27	000 ⇄ 255	0–100%
241	Fine Blue 27	000 ⇄ 255	0–100%
242	White 27	000 ⇄ 255	0–100%
243	Fine White 27	000 ⇄ 255	0–100%

Single Control: Standard Mode (129-channel)

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Pan Fine	000 ⇔ 255	0–100%
3	Tilt	000 ⇔ 255	0–100%
4	Tilt Fine	000 ⇔ 255	0–100%
5	Pan/Tilt Speed	000 ⇔ 255	Fast to slow
6	CTC	000	No function
		001 ⇔ 255	Color temperature, 2800–10000 K
7	Color Macro	000	No function
		001 ⇔ 255	Color macros
8	Gobo	000	No function
		001 ⇔ 255	Gobos (indexed)
9	LED Macro / Auto Program	000 ⇔ 015	No function
		016 ⇔ 135	LED macros
		136 ⇔ 255	Auto programs
10	LED Macro / Auto Program Speed	000 ⇔ 127	Auto speed, fast to slow
		128	Hold
		129 ⇔ 255	Auto speed, slow to fast
11	LED Built-in Delay	000 ⇔ 255	Fast to slow
12	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		
13	Background Dimmer	000 ⇔ 255	0–100%
14	Main Dimmer	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
15	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		
16	Zoom	000 ⇔ 255	Wide to narrow
17	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW color mixing mode
		025 ⇔ 029	CMY color mixing mode (R=C, G=M, B=Y)
		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 ⇔ 109	Reserved for future use
		110 ⇔ 114	Fast Pan/Tilt speed
		115 ⇔ 119	Slow Pan/tilt speed
		120 ⇔ 124	Slow 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		
18	Main Red	000 ⇔ 255	0–100%
19	Main Green	000 ⇔ 255	0–100%
20	Main Blue	000 ⇔ 255	0–100%
21	Main White	000 ⇔ 255	0–100%
22	Red 1	000 ⇔ 255	0–100%
23	Green 1	000 ⇔ 255	0–100%
24	Blue 1	000 ⇔ 255	0–100%
25	White 1	000 ⇔ 255	0–100%
26	Red 2	000 ⇔ 255	0–100%
27	Green 2	000 ⇔ 255	0–100%
28	Blue 2	000 ⇔ 255	0–100%
29	White 2	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
30	Red 3	000 ⇄ 255	0–100%
31	Green 3	000 ⇄ 255	0–100%
32	Blue 3	000 ⇄ 255	0–100%
33	White 3	000 ⇄ 255	0–100%
34	Red 4	000 ⇄ 255	0–100%
35	Green 4	000 ⇄ 255	0–100%
36	Blue 4	000 ⇄ 255	0–100%
37	White 4	000 ⇄ 255	0–100%
38	Red 5	000 ⇄ 255	0–100%
39	Green 5	000 ⇄ 255	0–100%
40	Blue 5	000 ⇄ 255	0–100%
41	White 5	000 ⇄ 255	0–100%
42	Red 6	000 ⇄ 255	0–100%
43	Green 6	000 ⇄ 255	0–100%
44	Blue 6	000 ⇄ 255	0–100%
45	White 6	000 ⇄ 255	0–100%
46	Red 7	000 ⇄ 255	0–100%
47	Green 7	000 ⇄ 255	0–100%
48	Blue 7	000 ⇄ 255	0–100%
49	White 7	000 ⇄ 255	0–100%
50	Red 8	000 ⇄ 255	0–100%
51	Green 8	000 ⇄ 255	0–100%
52	Blue 8	000 ⇄ 255	0–100%
53	White 8	000 ⇄ 255	0–100%
54	Red 9	000 ⇄ 255	0–100%
55	Green 9	000 ⇄ 255	0–100%
56	Blue 9	000 ⇄ 255	0–100%
57	White 9	000 ⇄ 255	0–100%
58	Red 10	000 ⇄ 255	0–100%
59	Green 10	000 ⇄ 255	0–100%
60	Blue 10	000 ⇄ 255	0–100%
61	White 10	000 ⇄ 255	0–100%
62	Red 11	000 ⇄ 255	0–100%
63	Green 11	000 ⇄ 255	0–100%
64	Blue 11	000 ⇄ 255	0–100%
65	White 11	000 ⇄ 255	0–100%
66	Red 12	000 ⇄ 255	0–100%
67	Green 12	000 ⇄ 255	0–100%
68	Blue 12	000 ⇄ 255	0–100%
69	White 12	000 ⇄ 255	0–100%
70	Red 13	000 ⇄ 255	0–100%
71	Green 13	000 ⇄ 255	0–100%
72	Blue 13	000 ⇄ 255	0–100%
73	White 13	000 ⇄ 255	0–100%
74	Red 14	000 ⇄ 255	0–100%
75	Green 14	000 ⇄ 255	0–100%
76	Blue 14	000 ⇄ 255	0–100%
77	White 14	000 ⇄ 255	0–100%
78	Red 15	000 ⇄ 255	0–100%
79	Green 15	000 ⇄ 255	0–100%
80	Blue 15	000 ⇄ 255	0–100%
81	White 15	000 ⇄ 255	0–100%
82	Red 16	000 ⇄ 255	0–100%
83	Green 16	000 ⇄ 255	0–100%
84	Blue 16	000 ⇄ 255	0–100%

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Channel	Function	Value	Percent/Setting
85	White 16	000 ⇄ 255	0–100%
86	Red 17	000 ⇄ 255	0–100%
87	Green 17	000 ⇄ 255	0–100%
88	Blue 17	000 ⇄ 255	0–100%
89	White 17	000 ⇄ 255	0–100%
90	Red 18	000 ⇄ 255	0–100%
91	Green 18	000 ⇄ 255	0–100%
92	Blue 18	000 ⇄ 255	0–100%
93	White 18	000 ⇄ 255	0–100%
94	Red 19	000 ⇄ 255	0–100%
95	Green 19	000 ⇄ 255	0–100%
96	Blue 19	000 ⇄ 255	0–100%
97	White 19	000 ⇄ 255	0–100%
98	Red 20	000 ⇄ 255	0–100%
99	Green 20	000 ⇄ 255	0–100%
100	Blue 20	000 ⇄ 255	0–100%
101	White 20	000 ⇄ 255	0–100%
102	Red 21	000 ⇄ 255	0–100%
103	Green 21	000 ⇄ 255	0–100%
104	Blue 21	000 ⇄ 255	0–100%
105	White 21	000 ⇄ 255	0–100%
106	Red 22	000 ⇄ 255	0–100%
107	Green 22	000 ⇄ 255	0–100%
108	Blue 22	000 ⇄ 255	0–100%
109	White 22	000 ⇄ 255	0–100%
110	Red 23	000 ⇄ 255	0–100%
111	Green 23	000 ⇄ 255	0–100%
112	Blue 23	000 ⇄ 255	0–100%
113	White 23	000 ⇄ 255	0–100%
114	Red 24	000 ⇄ 255	0–100%
115	Green 24	000 ⇄ 255	0–100%
116	Blue 24	000 ⇄ 255	0–100%
117	White 24	000 ⇄ 255	0–100%
118	Red 25	000 ⇄ 255	0–100%
119	Green 25	000 ⇄ 255	0–100%
120	Blue 25	000 ⇄ 255	0–100%
121	White 25	000 ⇄ 255	0–100%
122	Red 26	000 ⇄ 255	0–100%
123	Green 26	000 ⇄ 255	0–100%
124	Blue 26	000 ⇄ 255	0–100%
125	White 26	000 ⇄ 255	0–100%
126	Red 27	000 ⇄ 255	0–100%
127	Green 27	000 ⇄ 255	0–100%
128	Blue 27	000 ⇄ 255	0–100%
129	White 27	000 ⇄ 255	0–100%

Single Control: Basic Mode (21-channel)

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Pan Fine	000 ⇔ 255	0–100%
3	Tilt	000 ⇔ 255	0–100%
4	Tilt Fine	000 ⇔ 255	0–100%
5	Pan/Tilt Speed	000 ⇔ 255	Fast to slow
6	CTC	000	No function
		001 ⇔ 255	Color temperature, 2800–10000 K
7	Color Macro	000	No function
		001 ⇔ 255	Color macros
8	Gobo	000	No function
		001 ⇔ 255	Gobos (indexed)
9	LED Macro / Auto Program	000 ⇔ 015	No function
		016 ⇔ 135	LED macros
		136 ⇔ 255	Auto programs
10	LED Macro / Auto Program Speed	000 ⇔ 127	Auto speed, fast to slow
		128	Hold
		129 ⇔ 255	Auto speed, slow to fast
11	LED Built-in Delay	000 ⇔ 255	Fast to slow
12	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		
13	Background Dimmer	000 ⇔ 255	0–100%
14	Main Dimmer	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
15	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		
16	Zoom	000 ⇔ 255	Wide to narrow
17	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW color mixing mode
		025 ⇔ 029	CMY color mixing mode (R=C, G=M, B=Y)
		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 ⇔ 109	Reserved for future use
		110 ⇔ 114	Fast Pan/Tilt speed
		115 ⇔ 119	Slow Pan/tilt speed
		120 ⇔ 124	Slow 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		
18	Main Red	000 ⇔ 255	0–100%
19	Main Green	000 ⇔ 255	0–100%
20	Main Blue	000 ⇔ 255	0–100%
21	Main White	000 ⇔ 255	0–100%

Dual Control Values (Movement)

Dual Control: Advanced Movement Mode (27-channel)

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇄ 255	0–100%
2	Pan Fine	000 ⇄ 255	0–100%
3	Tilt	000 ⇄ 255	0–100%
4	Tilt Fine	000 ⇄ 255	0–100%
5	Pan/Tilt Speed	000 ⇄ 255	Fast to slow
6	CTC	000	No function
		001 ⇄ 255	Color temperature, 2800–10000 K
7	Color Macro	000	No function
		001 ⇄ 255	Color macros
8	Gobo	000	No function
		001 ⇄ 255	Gobos (indexed)
9	LED Macro / Auto Program	000 ⇄ 015	No function
		016 ⇄ 135	LED macros
		136 ⇄ 255	Auto programs
10	LED Macro / Auto Program Speed	000 ⇄ 127	Auto speed, fast to slow
		128	Hold
		129 ⇄ 255	Auto speed, slow to fast
11	LED Built-in Delay	000 ⇄ 255	Fast to slow
12	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		
13	Background Dimmer	000 ⇄ 255	0–100%
14	Background Fine Dimmer	000 ⇄ 255	0–100%
15	Main Dimmer	000 ⇄ 255	0–100%
16	Main Fine Dimmer	000 ⇄ 255	0–100%

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Channel	Function	Value	Percent/Setting
17	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		
18	Zoom	000 ⇔ 255	Wide to narrow
19	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW color mixing mode
		025 ⇔ 029	CMY color mixing mode (R=C, G=M, B=Y)
		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 ⇔ 109	Reserved for future use
		110 ⇔ 114	Fast Pan/Tilt speed
		115 ⇔ 119	Slow Pan/tilt speed
		120 ⇔ 124	Slow 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		
20	Main Red	000 ⇔ 255	0–100%
21	Main Fine Red	000 ⇔ 255	0–100%
22	Main Green	000 ⇔ 255	0–100%
23	Main Fine Green	000 ⇔ 255	0–100%
24	Main Blue	000 ⇔ 255	0–100%
25	Main Fine Blue	000 ⇔ 255	0–100%
26	Main White	000 ⇔ 255	0–100%
27	Main Fine White	000 ⇔ 255	0–100%

Dual Control: Standard Movement Mode (21-channel)

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Pan Fine	000 ⇔ 255	0–100%
3	Tilt	000 ⇔ 255	0–100%
4	Tilt Fine	000 ⇔ 255	0–100%
5	Pan/Tilt Speed	000 ⇔ 255	Fast to slow
6	CTC	000	No function
		001 ⇔ 255	Color temperature, 2800–10000 K
7	Color Macro	000	No function
		001 ⇔ 255	Color macros
8	Gobo	000	No function
		001 ⇔ 255	Gobos (indexed)
9	LED Macro / Auto Program	000 ⇔ 015	No function
		016 ⇔ 135	LED macros
		136 ⇔ 255	Auto programs
10	LED Macro / Auto Program Speed	000 ⇔ 127	Auto speed, fast to slow
		128	Hold
		129 ⇔ 255	Auto speed, slow to fast
11	LED Built-in Delay	000 ⇔ 255	Fast to slow
12	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		
13	Background Dimmer	000 ⇔ 255	0–100%
14	Main Dimmer	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
15	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		
16	Zoom	000 ⇔ 255	Wide to narrow
17	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW color mixing mode
		025 ⇔ 029	CMY color mixing mode (R=C, G=M, B=Y)
		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 ⇔ 109	Reserved for future use
		110 ⇔ 114	Fast Pan/Tilt speed
		115 ⇔ 119	Slow Pan/tilt speed
		120 ⇔ 124	Slow 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		
18	Main Red	000 ⇔ 255	0–100%
19	Main Green	000 ⇔ 255	0–100%
20	Main Blue	000 ⇔ 255	0–100%
21	Main White	000 ⇔ 255	0–100%

Dual Control: Basic Movement Mode (9-channel)

Channel	Function	Value	Percent/Setting
1	Pan	000 ⇔ 255	0–100%
2	Pan Fine	000 ⇔ 255	0–100%
3	Tilt	000 ⇔ 255	0–100%
4	Tilt Fine	000 ⇔ 255	0–100%
5	Pan/Tilt Speed	000 ⇔ 255	Fast to slow
6	Main Dimmer	000 ⇔ 255	0–100%
7	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		
8	Zoom	000 ⇔ 255	Wide to narrow
9	Control	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW color mixing mode
		025 ⇔ 029	CMY color mixing mode (R=C, G=M, B=Y)
		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 ⇔ 109	Reserved for future use
		110 ⇔ 114	Fast Pan/Tilt speed
		115 ⇔ 119	Slow Pan/tilt speed
		120 ⇔ 124	Slow 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 (216-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%
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%

Channel	Function	Value	Percent/Setting
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%
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%

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Channel	Function	Value	Percent/Setting
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%
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%
153	Red 20	000 ⇄ 255	0–100%
154	Fine Red 20	000 ⇄ 255	0–100%
155	Green 20	000 ⇄ 255	0–100%
156	Fine Green 20	000 ⇄ 255	0–100%
157	Blue 20	000 ⇄ 255	0–100%
158	Fine Blue 20	000 ⇄ 255	0–100%
159	White 20	000 ⇄ 255	0–100%
160	Fine White 20	000 ⇄ 255	0–100%
161	Red 21	000 ⇄ 255	0–100%
162	Fine Red 21	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
163	Green 21	000 ⇄ 255	0–100%
164	Fine Green 21	000 ⇄ 255	0–100%
165	Blue 21	000 ⇄ 255	0–100%
166	Fine Blue 21	000 ⇄ 255	0–100%
167	White 21	000 ⇄ 255	0–100%
168	Fine White 21	000 ⇄ 255	0–100%
169	Red 22	000 ⇄ 255	0–100%
170	Fine Red 22	000 ⇄ 255	0–100%
171	Green 22	000 ⇄ 255	0–100%
172	Fine Green 22	000 ⇄ 255	0–100%
173	Blue 22	000 ⇄ 255	0–100%
174	Fine Blue 22	000 ⇄ 255	0–100%
175	White 22	000 ⇄ 255	0–100%
176	Fine White 22	000 ⇄ 255	0–100%
177	Red 23	000 ⇄ 255	0–100%
178	Fine Red 23	000 ⇄ 255	0–100%
179	Green 23	000 ⇄ 255	0–100%
180	Fine Green 23	000 ⇄ 255	0–100%
181	Blue 23	000 ⇄ 255	0–100%
182	Fine Blue 23	000 ⇄ 255	0–100%
183	White 23	000 ⇄ 255	0–100%
184	Fine White 23	000 ⇄ 255	0–100%
185	Red 24	000 ⇄ 255	0–100%
186	Fine Red 24	000 ⇄ 255	0–100%
187	Green 24	000 ⇄ 255	0–100%
188	Fine Green 24	000 ⇄ 255	0–100%
189	Blue 24	000 ⇄ 255	0–100%
190	Fine Blue 24	000 ⇄ 255	0–100%
191	White 24	000 ⇄ 255	0–100%
192	Fine White 24	000 ⇄ 255	0–100%
193	Red 25	000 ⇄ 255	0–100%
194	Fine Red 25	000 ⇄ 255	0–100%
195	Green 25	000 ⇄ 255	0–100%
196	Fine Green 25	000 ⇄ 255	0–100%
197	Blue 25	000 ⇄ 255	0–100%
198	Fine Blue 25	000 ⇄ 255	0–100%
199	White 25	000 ⇄ 255	0–100%
200	Fine White 25	000 ⇄ 255	0–100%
201	Red 26	000 ⇄ 255	0–100%
202	Fine Red 26	000 ⇄ 255	0–100%
203	Green 26	000 ⇄ 255	0–100%
204	Fine Green 26	000 ⇄ 255	0–100%
205	Blue 26	000 ⇄ 255	0–100%
206	Fine Blue 26	000 ⇄ 255	0–100%
207	White 26	000 ⇄ 255	0–100%
208	Fine White 26	000 ⇄ 255	0–100%
209	Red 27	000 ⇄ 255	0–100%
210	Fine Red 27	000 ⇄ 255	0–100%
211	Green 27	000 ⇄ 255	0–100%
212	Fine Green 27	000 ⇄ 255	0–100%
213	Blue 27	000 ⇄ 255	0–100%
214	Fine Blue 27	000 ⇄ 255	0–100%
215	White 27	000 ⇄ 255	0–100%
216	Fine White 27	000 ⇄ 255	0–100%

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Dual Control: Standard Pixels Mode (108-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%
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%

Channel	Function	Value	Percent/Setting
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%
77	Red 20	000 ⇔ 255	0–100%
78	Green 20	000 ⇔ 255	0–100%
79	Blue 20	000 ⇔ 255	0–100%
80	White 20	000 ⇔ 255	0–100%
81	Red 21	000 ⇔ 255	0–100%
82	Green 21	000 ⇔ 255	0–100%
83	Blue 21	000 ⇔ 255	0–100%
84	White 21	000 ⇔ 255	0–100%
85	Red 22	000 ⇔ 255	0–100%
86	Green 22	000 ⇔ 255	0–100%
87	Blue 22	000 ⇔ 255	0–100%
88	White 22	000 ⇔ 255	0–100%
89	Red 23	000 ⇔ 255	0–100%
90	Green 23	000 ⇔ 255	0–100%
91	Blue 23	000 ⇔ 255	0–100%
92	White 23	000 ⇔ 255	0–100%
93	Red 24	000 ⇔ 255	0–100%
94	Green 24	000 ⇔ 255	0–100%
95	Blue 24	000 ⇔ 255	0–100%
96	White 24	000 ⇔ 255	0–100%
97	Red 25	000 ⇔ 255	0–100%
98	Green 25	000 ⇔ 255	0–100%
99	Blue 25	000 ⇔ 255	0–100%
100	White 25	000 ⇔ 255	0–100%
101	Red 26	000 ⇔ 255	0–100%
102	Green 26	000 ⇔ 255	0–100%
103	Blue 26	000 ⇔ 255	0–100%
104	White 26	000 ⇔ 255	0–100%
105	Red 27	000 ⇔ 255	0–100%
106	Green 27	000 ⇔ 255	0–100%
107	Blue 27	000 ⇔ 255	0–100%
108	White 27	000 ⇔ 255	0–100%

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Dual Control: Basic Pixels Mode (81-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%
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%

Channel	Function	Value	Percent/Setting
55	Red 19	000 ⇔ 255	0-100%
56	Green 19	000 ⇔ 255	0-100%
57	Blue 19	000 ⇔ 255	0-100%
58	Red 20	000 ⇔ 255	0-100%
59	Green 20	000 ⇔ 255	0-100%
60	Blue 20	000 ⇔ 255	0-100%
61	Red 21	000 ⇔ 255	0-100%
62	Green 21	000 ⇔ 255	0-100%
63	Blue 21	000 ⇔ 255	0-100%
64	Red 22	000 ⇔ 255	0-100%
65	Green 22	000 ⇔ 255	0-100%
66	Blue 22	000 ⇔ 255	0-100%
67	Red 23	000 ⇔ 255	0-100%
68	Green 23	000 ⇔ 255	0-100%
69	Blue 23	000 ⇔ 255	0-100%
70	Red 24	000 ⇔ 255	0-100%
71	Green 24	000 ⇔ 255	0-100%
72	Blue 24	000 ⇔ 255	0-100%
73	Red 25	000 ⇔ 255	0-100%
74	Green 25	000 ⇔ 255	0-100%
75	Blue 25	000 ⇔ 255	0-100%
76	Red 26	000 ⇔ 255	0-100%
77	Green 26	000 ⇔ 255	0-100%
78	Blue 26	000 ⇔ 255	0-100%
79	Red 27	000 ⇔ 255	0-100%
80	Green 27	000 ⇔ 255	0-100%
81	Blue 27	000 ⇔ 255	0-100%