

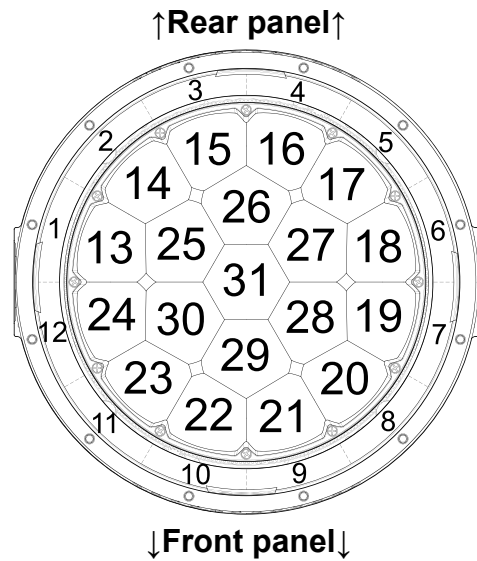
QUICK REFERENCE GUIDE



Maverick Storm 2 BeamWash

Control Values

Pixel Chart



Single Control Mode

Single Control: Basic2 (37 Channels)

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	Pan/tilt speed	000 ⇔ 255	Pan/tilt speed, fast to slow
6	Ring CTC	000	No function
		001 ⇔ 255	Color temperature correction, 19000K to 2700K
7	Main CTC	000	No function
		001 ⇔ 255	Color temperature correction, 19000K to 2700K
8	Ring foreground color	000 ⇔ 255	See the Color Chart
9	Main foreground color	000 ⇔ 255	See the Color Chart
10	Ring gobo	000 ⇔ 004	No function
		005 ⇔ 255	Gobos (indexed)
11	Main gobo	000	No function
		001 ⇔ 255	Gobos (indexed)
12	Ring LED macro/Automatic program	000 ⇔ 005	No function
		006 ⇔ 115	LED macros
		116 ⇔ 215	Automatic programs
		216 ⇔ 255	No function
13	Ring macro/program speed	000 ⇔ 127	LED macro/automatic program speed, fast to slow
		128	Stop
		129 ⇔ 255	Reverse macro/program, slow to fast
14	Ring LED delay	000 ⇔ 255	Built-in LED delay, short to long
15	Main LED macro/Automatic program	000 ⇔ 015	No function
		016 ⇔ 135	LED macros
		136 ⇔ 255	Automatic programs

Channel	Function	Value	Percent/Setting
16	Main macro/program speed	000 ⇔ 127	LED macro/automatic program speed, fast to slow
		128	Stop
		129 ⇔ 255	Reverse macro/program, slow to fast
17	Main LED delay	000 ⇔ 255	Built-in LED delay, short to long
18	Ring background color	000 ⇔ 255	See the Color Chart
19	Ring bg. dimmer	000 ⇔ 255	0–100%
20	Main background color	000 ⇔ 255	See the Color Chart
21	Main bg. dimmer	000 ⇔ 255	0–100%
22	Ring fg. dimmer	000 ⇔ 255	0–100%
23	Ring fg. fine dimmer	000 ⇔ 255	0–100%
24	Main fg. dimmer	000 ⇔ 255	0–100%
25	Main fg. fine dimmer	000 ⇔ 255	0–100%
26	Ring strobe	000 ⇔ 255	See the Strobe Chart
27	Main strobe	000 ⇔ 255	See the Strobe Chart
28	Zoom	000 ⇔ 255	Zoom, narrow to wide
29	Control	000 ⇔ 255	See the Control Chart
30	All foreground red	000 ⇔ 255	0–100%
31	All fg. fine red	000 ⇔ 255	0–100%
32	All foreground green	000 ⇔ 255	0–100%
33	All fg. fine green	000 ⇔ 255	0–100%
34	All foreground blue	000 ⇔ 255	0–100%
35	All fg. fine blue	000 ⇔ 255	0–100%
36	All foreground white	000 ⇔ 255	0–100%
37	All fg. fine white	000 ⇔ 255	0–100%

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Maverick Storm 2 BeamWash

Single Control: Tour (325 Channels)

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	Pan/tilt speed	000 ⇔ 255	Pan/tilt speed, fast to slow
6	Ring CTC	000	No function
		001 ⇔ 255	Color temperature correction, 19000K to 2700K
7	Main CTC	000	No function
		001 ⇔ 255	Color temperature correction, 19000K to 2700K
8	Ring foreground color	000 ⇔ 255	See the Color Chart
9	Main foreground color	000 ⇔ 255	See the Color Chart
10	Ring gobo	000 ⇔ 004	No function
		005 ⇔ 255	Gobos (indexed)
11	Main gobo	000	No function
		001 ⇔ 255	Gobos (indexed)
12	Ring LED macro/Automatic program	000 ⇔ 005	No function
		006 ⇔ 115	LED macros
		116 ⇔ 215	Automatic programs
		216 ⇔ 255	No function
13	Ring macro/program speed	000 ⇔ 127	LED macro/automatic program speed, fast to slow
		128	Stop
		129 ⇔ 255	Reverse macro/program, slow to fast
14	Ring LED delay	000 ⇔ 255	Built-in LED delay, short to long
15	Main LED macro/Automatic program	000 ⇔ 015	No function
		016 ⇔ 135	LED macros
		136 ⇔ 255	Automatic programs
16	Main macro/program speed	000 ⇔ 127	LED macro/automatic program speed, fast to slow
		128	Stop
		129 ⇔ 255	Reverse macro/program, slow to fast
17	Main LED delay	000 ⇔ 255	Built-in LED delay, short to long
18	Ring background color	000 ⇔ 255	See the Color Chart
19	Ring bg. dimmer	000 ⇔ 255	0–100%
20	Ring bg. fine dimmer	000 ⇔ 255	0–100%
21	Main background color	000 ⇔ 255	See the Color Chart
22	Main bg. dimmer	000 ⇔ 255	0–100%
23	Main bg. fine dimmer	000 ⇔ 255	0–100%
24	Ring fg. dimmer	000 ⇔ 255	0–100%
25	Ring fg. fine dimmer	000 ⇔ 255	0–100%
26	Main fg. dimmer	000 ⇔ 255	0–100%
27	Main fg. fine dimmer	000 ⇔ 255	0–100%
28	Ring strobe	000 ⇔ 255	See the Strobe Chart
29	Main strobe	000 ⇔ 255	See the Strobe Chart
30	Zoom	000 ⇔ 255	Zoom, narrow to wide
31	Control	000 ⇔ 255	See the Control Chart
32	All foreground red	000 ⇔ 255	0–100%
33	All fg. fine red	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
34	All foreground green	000 ⇔ 255	0–100%
35	All fg. fine green	000 ⇔ 255	0–100%
36	All foreground blue	000 ⇔ 255	0–100%
37	All fg. fine blue	000 ⇔ 255	0–100%
38	All foreground white	000 ⇔ 255	0–100%
39	All fg. fine white	000 ⇔ 255	0–100%
40	Dimmer 1	000 ⇔ 255	0–100%
41	Fine dimmer 1	000 ⇔ 255	0–100%
42	Red 1	000 ⇔ 255	0–100%
43	Fine red 1	000 ⇔ 255	0–100%
44	Green 1	000 ⇔ 255	0–100%
45	Fine green 1	000 ⇔ 255	0–100%
46	Blue 1	000 ⇔ 255	0–100%
47	Fine blue 1	000 ⇔ 255	0–100%
48	Dimmer 2	000 ⇔ 255	0–100%
49	Fine dimmer 2	000 ⇔ 255	0–100%
50	Red 2	000 ⇔ 255	0–100%
51	Fine red 2	000 ⇔ 255	0–100%
52	Green 2	000 ⇔ 255	0–100%
53	Fine green 2	000 ⇔ 255	0–100%
54	Blue 2	000 ⇔ 255	0–100%
55	Fine blue 2	000 ⇔ 255	0–100%
56	Dimmer 3	000 ⇔ 255	0–100%
57	Fine dimmer 3	000 ⇔ 255	0–100%
58	Red 3	000 ⇔ 255	0–100%
59	Fine red 3	000 ⇔ 255	0–100%
60	Green 3	000 ⇔ 255	0–100%
61	Fine green 3	000 ⇔ 255	0–100%
62	Blue 3	000 ⇔ 255	0–100%
63	Fine blue 3	000 ⇔ 255	0–100%
64	Dimmer 4	000 ⇔ 255	0–100%
65	Fine dimmer 4	000 ⇔ 255	0–100%
66	Red 4	000 ⇔ 255	0–100%
67	Fine red 4	000 ⇔ 255	0–100%
68	Green 4	000 ⇔ 255	0–100%
69	Fine green 4	000 ⇔ 255	0–100%
70	Blue 4	000 ⇔ 255	0–100%
71	Fine blue 4	000 ⇔ 255	0–100%
72	Dimmer 5	000 ⇔ 255	0–100%
73	Fine dimmer 5	000 ⇔ 255	0–100%
74	Red 5	000 ⇔ 255	0–100%
75	Fine red 5	000 ⇔ 255	0–100%
76	Green 5	000 ⇔ 255	0–100%
77	Fine green 5	000 ⇔ 255	0–100%
78	Blue 5	000 ⇔ 255	0–100%
79	Fine blue 5	000 ⇔ 255	0–100%
80	Dimmer 6	000 ⇔ 255	0–100%

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Maverick Storm 2 BeamWash

Channel	Function	Value	Percent/Setting
81	Fine dimmer 6	000 ⇄ 255	0–100%
82	Red 6	000 ⇄ 255	0–100%
83	Fine red 6	000 ⇄ 255	0–100%
84	Green 6	000 ⇄ 255	0–100%
85	Fine green 6	000 ⇄ 255	0–100%
86	Blue 6	000 ⇄ 255	0–100%
87	Fine blue 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	Dimmer 8	000 ⇄ 255	0–100%
97	Fine dimmer 8	000 ⇄ 255	0–100%
98	Red 8	000 ⇄ 255	0–100%
99	Fine red 8	000 ⇄ 255	0–100%
100	Green 8	000 ⇄ 255	0–100%
101	Fine green 8	000 ⇄ 255	0–100%
102	Blue 8	000 ⇄ 255	0–100%
103	Fine blue 8	000 ⇄ 255	0–100%
104	Dimmer 9	000 ⇄ 255	0–100%
105	Fine dimmer 9	000 ⇄ 255	0–100%
106	Red 9	000 ⇄ 255	0–100%
107	Fine red 9	000 ⇄ 255	0–100%
108	Green 9	000 ⇄ 255	0–100%
109	Fine green 9	000 ⇄ 255	0–100%
110	Blue 9	000 ⇄ 255	0–100%
111	Fine blue 9	000 ⇄ 255	0–100%
112	Dimmer 10	000 ⇄ 255	0–100%
113	Fine dimmer 10	000 ⇄ 255	0–100%
114	Red 10	000 ⇄ 255	0–100%
115	Fine red 10	000 ⇄ 255	0–100%
116	Green 10	000 ⇄ 255	0–100%
117	Fine green 10	000 ⇄ 255	0–100%
118	Blue 10	000 ⇄ 255	0–100%
119	Fine blue 10	000 ⇄ 255	0–100%
120	Dimmer 11	000 ⇄ 255	0–100%
121	Fine dimmer 11	000 ⇄ 255	0–100%
122	Red 11	000 ⇄ 255	0–100%
123	Fine red 11	000 ⇄ 255	0–100%
124	Green 11	000 ⇄ 255	0–100%
125	Fine green 11	000 ⇄ 255	0–100%
126	Blue 11	000 ⇄ 255	0–100%
127	Fine blue 11	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
128	Dimmer 12	000 ⇔ 255	0–100%
129	Fine dimmer 12	000 ⇔ 255	0–100%
130	Red 12	000 ⇔ 255	0–100%
131	Fine red 12	000 ⇔ 255	0–100%
132	Green 12	000 ⇔ 255	0–100%
133	Fine green 12	000 ⇔ 255	0–100%
134	Blue 12	000 ⇔ 255	0–100%
135	Fine blue 12	000 ⇔ 255	0–100%
136	Dimmer 13	000 ⇔ 255	0–100%
137	Fine dimmer 13	000 ⇔ 255	0–100%
138	Red 13	000 ⇔ 255	0–100%
139	Fine red 13	000 ⇔ 255	0–100%
140	Green 13	000 ⇔ 255	0–100%
141	Fine green 13	000 ⇔ 255	0–100%
142	Blue 13	000 ⇔ 255	0–100%
143	Fine blue 13	000 ⇔ 255	0–100%
144	White 13	000 ⇔ 255	0–100%
145	Fine white 13	000 ⇔ 255	0–100%
146	Dimmer 14	000 ⇔ 255	0–100%
147	Fine dimmer 14	000 ⇔ 255	0–100%
148	Red 14	000 ⇔ 255	0–100%
149	Fine red 14	000 ⇔ 255	0–100%
150	Green 14	000 ⇔ 255	0–100%
151	Fine green 14	000 ⇔ 255	0–100%
152	Blue 14	000 ⇔ 255	0–100%
153	Fine blue 14	000 ⇔ 255	0–100%
154	White 14	000 ⇔ 255	0–100%
155	Fine white 14	000 ⇔ 255	0–100%
156	Dimmer 15	000 ⇔ 255	0–100%
157	Fine dimmer 15	000 ⇔ 255	0–100%
158	Red 15	000 ⇔ 255	0–100%
159	Fine red 15	000 ⇔ 255	0–100%
160	Green 15	000 ⇔ 255	0–100%
161	Fine green 15	000 ⇔ 255	0–100%
162	Blue 15	000 ⇔ 255	0–100%
163	Fine blue 15	000 ⇔ 255	0–100%
164	White 15	000 ⇔ 255	0–100%
165	Fine white 15	000 ⇔ 255	0–100%
166	Dimmer 16	000 ⇔ 255	0–100%
167	Fine dimmer 16	000 ⇔ 255	0–100%
168	Red 16	000 ⇔ 255	0–100%
169	Fine red 16	000 ⇔ 255	0–100%
170	Green 16	000 ⇔ 255	0–100%
171	Fine green 16	000 ⇔ 255	0–100%
172	Blue 16	000 ⇔ 255	0–100%
173	Fine blue 16	000 ⇔ 255	0–100%
174	White 16	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
175	Fine white 16	000 ⇄ 255	0–100%
176	Dimmer 17	000 ⇄ 255	0–100%
177	Fine dimmer 17	000 ⇄ 255	0–100%
178	Red 17	000 ⇄ 255	0–100%
179	Fine red 17	000 ⇄ 255	0–100%
180	Green 17	000 ⇄ 255	0–100%
181	Fine green 17	000 ⇄ 255	0–100%
182	Blue 17	000 ⇄ 255	0–100%
183	Fine blue 17	000 ⇄ 255	0–100%
184	White 17	000 ⇄ 255	0–100%
185	Fine white 17	000 ⇄ 255	0–100%
186	Dimmer 18	000 ⇄ 255	0–100%
187	Fine dimmer 18	000 ⇄ 255	0–100%
188	Red 18	000 ⇄ 255	0–100%
189	Fine red 18	000 ⇄ 255	0–100%
190	Green 18	000 ⇄ 255	0–100%
191	Fine green 18	000 ⇄ 255	0–100%
192	Blue 18	000 ⇄ 255	0–100%
193	Fine blue 18	000 ⇄ 255	0–100%
194	White 18	000 ⇄ 255	0–100%
195	Fine white 18	000 ⇄ 255	0–100%
196	Dimmer 19	000 ⇄ 255	0–100%
197	Fine dimmer 19	000 ⇄ 255	0–100%
198	Red 19	000 ⇄ 255	0–100%
199	Fine red 19	000 ⇄ 255	0–100%
200	Green 19	000 ⇄ 255	0–100%
201	Fine green 19	000 ⇄ 255	0–100%
202	Blue 19	000 ⇄ 255	0–100%
203	Fine blue 19	000 ⇄ 255	0–100%
204	White 19	000 ⇄ 255	0–100%
205	Fine white 19	000 ⇄ 255	0–100%
206	Dimmer 20	000 ⇄ 255	0–100%
207	Fine dimmer 20	000 ⇄ 255	0–100%
208	Red 20	000 ⇄ 255	0–100%
209	Fine red 20	000 ⇄ 255	0–100%
210	Green 20	000 ⇄ 255	0–100%
211	Fine green 20	000 ⇄ 255	0–100%
212	Blue 20	000 ⇄ 255	0–100%
213	Fine blue 20	000 ⇄ 255	0–100%
214	White 20	000 ⇄ 255	0–100%
215	Fine white 20	000 ⇄ 255	0–100%
216	Dimmer 21	000 ⇄ 255	0–100%
217	Fine dimmer 21	000 ⇄ 255	0–100%
218	Red 21	000 ⇄ 255	0–100%
219	Fine red 21	000 ⇄ 255	0–100%
220	Green 21	000 ⇄ 255	0–100%
221	Fine green 21	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
222	Blue 21	000 ⇔ 255	0–100%
223	Fine blue 21	000 ⇔ 255	0–100%
224	White 21	000 ⇔ 255	0–100%
225	Fine white 21	000 ⇔ 255	0–100%
226	Dimmer 22	000 ⇔ 255	0–100%
227	Fine dimmer 22	000 ⇔ 255	0–100%
228	Red 22	000 ⇔ 255	0–100%
229	Fine red 22	000 ⇔ 255	0–100%
230	Green 22	000 ⇔ 255	0–100%
231	Fine green 22	000 ⇔ 255	0–100%
232	Blue 22	000 ⇔ 255	0–100%
233	Fine blue 22	000 ⇔ 255	0–100%
234	White 22	000 ⇔ 255	0–100%
235	Fine white 22	000 ⇔ 255	0–100%
236	Dimmer 23	000 ⇔ 255	0–100%
237	Fine dimmer 23	000 ⇔ 255	0–100%
238	Red 23	000 ⇔ 255	0–100%
239	Fine red 23	000 ⇔ 255	0–100%
240	Green 23	000 ⇔ 255	0–100%
241	Fine green 23	000 ⇔ 255	0–100%
242	Blue 23	000 ⇔ 255	0–100%
243	Fine blue 23	000 ⇔ 255	0–100%
244	White 23	000 ⇔ 255	0–100%
245	Fine white 23	000 ⇔ 255	0–100%
246	Dimmer 24	000 ⇔ 255	0–100%
247	Fine dimmer 24	000 ⇔ 255	0–100%
248	Red 24	000 ⇔ 255	0–100%
249	Fine red 24	000 ⇔ 255	0–100%
250	Green 24	000 ⇔ 255	0–100%
251	Fine green 24	000 ⇔ 255	0–100%
252	Blue 24	000 ⇔ 255	0–100%
253	Fine blue 24	000 ⇔ 255	0–100%
254	White 24	000 ⇔ 255	0–100%
255	Fine white 24	000 ⇔ 255	0–100%
256	Dimmer 25	000 ⇔ 255	0–100%
257	Fine dimmer 25	000 ⇔ 255	0–100%
258	Red 25	000 ⇔ 255	0–100%
259	Fine red 25	000 ⇔ 255	0–100%
260	Green 25	000 ⇔ 255	0–100%
261	Fine green 25	000 ⇔ 255	0–100%
262	Blue 25	000 ⇔ 255	0–100%
263	Fine blue 25	000 ⇔ 255	0–100%
264	White 25	000 ⇔ 255	0–100%
265	Fine white 25	000 ⇔ 255	0–100%
266	Dimmer 26	000 ⇔ 255	0–100%
267	Fine dimmer 26	000 ⇔ 255	0–100%
268	Red 26	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
269	Fine red 26	000 ⇄ 255	0–100%
270	Green 26	000 ⇄ 255	0–100%
271	Fine green 26	000 ⇄ 255	0–100%
272	Blue 26	000 ⇄ 255	0–100%
273	Fine blue 26	000 ⇄ 255	0–100%
274	White 26	000 ⇄ 255	0–100%
275	Fine white 26	000 ⇄ 255	0–100%
276	Dimmer 27	000 ⇄ 255	0–100%
277	Fine dimmer 27	000 ⇄ 255	0–100%
278	Red 27	000 ⇄ 255	0–100%
279	Fine red 27	000 ⇄ 255	0–100%
280	Green 27	000 ⇄ 255	0–100%
281	Fine green 27	000 ⇄ 255	0–100%
282	Blue 27	000 ⇄ 255	0–100%
283	Fine blue 27	000 ⇄ 255	0–100%
284	White 27	000 ⇄ 255	0–100%
285	Fine white 27	000 ⇄ 255	0–100%
286	Dimmer 28	000 ⇄ 255	0–100%
287	Fine dimmer 28	000 ⇄ 255	0–100%
288	Red 28	000 ⇄ 255	0–100%
289	Fine red 28	000 ⇄ 255	0–100%
290	Green 28	000 ⇄ 255	0–100%
291	Fine green 28	000 ⇄ 255	0–100%
292	Blue 28	000 ⇄ 255	0–100%
293	Fine blue 28	000 ⇄ 255	0–100%
294	White 28	000 ⇄ 255	0–100%
295	Fine white 28	000 ⇄ 255	0–100%
296	Dimmer 29	000 ⇄ 255	0–100%
297	Fine dimmer 29	000 ⇄ 255	0–100%
298	Red 29	000 ⇄ 255	0–100%
299	Fine red 29	000 ⇄ 255	0–100%
300	Green 29	000 ⇄ 255	0–100%
301	Fine green 29	000 ⇄ 255	0–100%
302	Blue 29	000 ⇄ 255	0–100%
303	Fine blue 29	000 ⇄ 255	0–100%
304	White 29	000 ⇄ 255	0–100%
305	Fine white 29	000 ⇄ 255	0–100%
306	Dimmer 30	000 ⇄ 255	0–100%
307	Fine dimmer 30	000 ⇄ 255	0–100%
308	Red 30	000 ⇄ 255	0–100%
309	Fine red 30	000 ⇄ 255	0–100%
310	Green 30	000 ⇄ 255	0–100%
311	Fine green 30	000 ⇄ 255	0–100%
312	Blue 30	000 ⇄ 255	0–100%
313	Fine blue 30	000 ⇄ 255	0–100%
314	White 30	000 ⇄ 255	0–100%
315	Fine white 30	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
316	Dimmer 31	000 ⇔ 255	0–100%
317	Fine dimmer 31	000 ⇔ 255	0–100%
318	Red 31	000 ⇔ 255	0–100%
319	Fine red 31	000 ⇔ 255	0–100%
320	Green 31	000 ⇔ 255	0–100%
321	Fine green 31	000 ⇔ 255	0–100%
322	Blue 31	000 ⇔ 255	0–100%
323	Fine blue 31	000 ⇔ 255	0–100%
324	White 31	000 ⇔ 255	0–100%
325	Fine white 31	000 ⇔ 255	0–100%

Single Control: Advanced (263 Channels)

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	Pan/tilt speed	000 ⇔ 255	Pan/tilt speed, fast to slow
6	Ring CTC	000	No function
		001 ⇔ 255	Color temperature correction, 19000K to 2700K
7	Main CTC	000	No function
		001 ⇔ 255	Color temperature correction, 19000K to 2700K
8	Ring foreground color	000 ⇔ 255	See the Color Chart
9	Main foreground color	000 ⇔ 255	See the Color Chart
10	Ring gobo	000 ⇔ 004	No function
		005 ⇔ 255	Gobos (indexed)
11	Main gobo	000	No function
		001 ⇔ 255	Gobos (indexed)
12	Ring LED macro/Automatic program	000 ⇔ 005	No function
		006 ⇔ 115	LED macros
		116 ⇔ 215	Automatic programs
		216 ⇔ 255	No function
13	Ring macro/program speed	000 ⇔ 127	LED macro/automatic program speed, fast to slow
		128	Stop
		129 ⇔ 255	Reverse macro/program, slow to fast
14	Ring LED delay	000 ⇔ 255	Built-in LED delay, short to long
15	Main LED macro/Automatic program	000 ⇔ 015	No function
		016 ⇔ 135	LED macros
		136 ⇔ 255	Automatic programs
16	Main macro/program speed	000 ⇔ 127	LED macro/automatic program speed, fast to slow
		128	Stop
		129 ⇔ 255	Reverse macro/program, slow to fast
17	Main LED delay	000 ⇔ 255	Built-in LED delay, short to long
18	Ring background color	000 ⇔ 255	See the Color Chart
19	Ring bg. dimmer	000 ⇔ 255	0–100%
20	Ring bg. fine dimmer	000 ⇔ 255	0–100%
21	Main background color	000 ⇔ 255	See the Color Chart

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Channel	Function	Value	Percent/Setting
22	Main bg. dimmer	000 ⇄ 255	0–100%
23	Main bg. fine dimmer	000 ⇄ 255	0–100%
24	Ring fg. dimmer	000 ⇄ 255	0–100%
25	Ring fg. fine dimmer	000 ⇄ 255	0–100%
26	Main fg. dimmer	000 ⇄ 255	0–100%
27	Main fg. fine dimmer	000 ⇄ 255	0–100%
28	Ring strobe	000 ⇄ 255	See the Strobe Chart
29	Main strobe	000 ⇄ 255	See the Strobe Chart
30	Zoom	000 ⇄ 255	Zoom, narrow to wide
31	Control	000 ⇄ 255	See the Control Chart
32	All foreground red	000 ⇄ 255	0–100%
33	All fg. fine red	000 ⇄ 255	0–100%
34	All foreground green	000 ⇄ 255	0–100%
35	All fg. fine green	000 ⇄ 255	0–100%
36	All foreground blue	000 ⇄ 255	0–100%
37	All fg. fine blue	000 ⇄ 255	0–100%
38	All foreground white	000 ⇄ 255	0–100%
39	All fg. fine white	000 ⇄ 255	0–100%
40	Red 1	000 ⇄ 255	0–100%
41	Fine red 1	000 ⇄ 255	0–100%
42	Green 1	000 ⇄ 255	0–100%
43	Fine green 1	000 ⇄ 255	0–100%
44	Blue 1	000 ⇄ 255	0–100%
45	Fine blue 1	000 ⇄ 255	0–100%
46	Red 2	000 ⇄ 255	0–100%
47	Fine red 2	000 ⇄ 255	0–100%
48	Green 2	000 ⇄ 255	0–100%
49	Fine green 2	000 ⇄ 255	0–100%
50	Blue 2	000 ⇄ 255	0–100%
51	Fine blue 2	000 ⇄ 255	0–100%
52	Red 3	000 ⇄ 255	0–100%
53	Fine red 3	000 ⇄ 255	0–100%
54	Green 3	000 ⇄ 255	0–100%
55	Fine green 3	000 ⇄ 255	0–100%
56	Blue 3	000 ⇄ 255	0–100%
57	Fine blue 3	000 ⇄ 255	0–100%
58	Red 4	000 ⇄ 255	0–100%
59	Fine red 4	000 ⇄ 255	0–100%
60	Green 4	000 ⇄ 255	0–100%
61	Fine green 4	000 ⇄ 255	0–100%
62	Blue 4	000 ⇄ 255	0–100%
63	Fine blue 4	000 ⇄ 255	0–100%
64	Red 5	000 ⇄ 255	0–100%
65	Fine red 5	000 ⇄ 255	0–100%
66	Green 5	000 ⇄ 255	0–100%
67	Fine green 5	000 ⇄ 255	0–100%
68	Blue 5	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
69	Fine blue 5	000 ⇔ 255	0–100%
70	Red 6	000 ⇔ 255	0–100%
71	Fine red 6	000 ⇔ 255	0–100%
72	Green 6	000 ⇔ 255	0–100%
73	Fine green 6	000 ⇔ 255	0–100%
74	Blue 6	000 ⇔ 255	0–100%
75	Fine blue 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	Red 8	000 ⇔ 255	0–100%
83	Fine red 8	000 ⇔ 255	0–100%
84	Green 8	000 ⇔ 255	0–100%
85	Fine green 8	000 ⇔ 255	0–100%
86	Blue 8	000 ⇔ 255	0–100%
87	Fine blue 8	000 ⇔ 255	0–100%
88	Red 9	000 ⇔ 255	0–100%
89	Fine red 9	000 ⇔ 255	0–100%
90	Green 9	000 ⇔ 255	0–100%
91	Fine green 9	000 ⇔ 255	0–100%
92	Blue 9	000 ⇔ 255	0–100%
93	Fine blue 9	000 ⇔ 255	0–100%
94	Red 10	000 ⇔ 255	0–100%
95	Fine red 10	000 ⇔ 255	0–100%
96	Green 10	000 ⇔ 255	0–100%
97	Fine green 10	000 ⇔ 255	0–100%
98	Blue 10	000 ⇔ 255	0–100%
99	Fine blue 10	000 ⇔ 255	0–100%
100	Red 11	000 ⇔ 255	0–100%
101	Fine red 11	000 ⇔ 255	0–100%
102	Green 1	000 ⇔ 255	0–100%
103	Fine green 11	000 ⇔ 255	0–100%
104	Blue 11	000 ⇔ 255	0–100%
105	Fine blue 11	000 ⇔ 255	0–100%
106	Red 12	000 ⇔ 255	0–100%
107	Fine red 12	000 ⇔ 255	0–100%
108	Green 12	000 ⇔ 255	0–100%
109	Fine green 12	000 ⇔ 255	0–100%
110	Blue 12	000 ⇔ 255	0–100%
111	Fine blue 12	000 ⇔ 255	0–100%
112	Red 13	000 ⇔ 255	0–100%
113	Fine red 13	000 ⇔ 255	0–100%
114	Green 13	000 ⇔ 255	0–100%
115	Fine green 13	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
116	Blue 13	000 ⇄ 255	0–100%
117	Fine blue 13	000 ⇄ 255	0–100%
118	White 13	000 ⇄ 255	0–100%
119	Fine white 13	000 ⇄ 255	0–100%
120	Red 14	000 ⇄ 255	0–100%
121	Fine red 14	000 ⇄ 255	0–100%
122	Green 14	000 ⇄ 255	0–100%
123	Fine green 14	000 ⇄ 255	0–100%
124	Blue 14	000 ⇄ 255	0–100%
125	Fine blue 14	000 ⇄ 255	0–100%
126	White 14	000 ⇄ 255	0–100%
127	Fine white 14	000 ⇄ 255	0–100%
128	Red 15	000 ⇄ 255	0–100%
129	Fine red 15	000 ⇄ 255	0–100%
130	Green 15	000 ⇄ 255	0–100%
131	Fine green 15	000 ⇄ 255	0–100%
132	Blue 15	000 ⇄ 255	0–100%
133	Fine blue 15	000 ⇄ 255	0–100%
134	White 15	000 ⇄ 255	0–100%
135	Fine white 15	000 ⇄ 255	0–100%
136	Red 16	000 ⇄ 255	0–100%
137	Fine red 16	000 ⇄ 255	0–100%
138	Green 16	000 ⇄ 255	0–100%
139	Fine green 16	000 ⇄ 255	0–100%
140	Blue 16	000 ⇄ 255	0–100%
141	Fine blue 16	000 ⇄ 255	0–100%
142	White 16	000 ⇄ 255	0–100%
143	Fine white 16	000 ⇄ 255	0–100%
144	Red 17	000 ⇄ 255	0–100%
145	Fine red 17	000 ⇄ 255	0–100%
146	Green 17	000 ⇄ 255	0–100%
147	Fine green 17	000 ⇄ 255	0–100%
148	Blue 17	000 ⇄ 255	0–100%
149	Fine blue 17	000 ⇄ 255	0–100%
150	White 17	000 ⇄ 255	0–100%
151	Fine white 17	000 ⇄ 255	0–100%
152	Red 18	000 ⇄ 255	0–100%
153	Fine red 18	000 ⇄ 255	0–100%
154	Green 18	000 ⇄ 255	0–100%
155	Fine green 18	000 ⇄ 255	0–100%
156	Blue 18	000 ⇄ 255	0–100%
157	Fine blue 18	000 ⇄ 255	0–100%
158	White 18	000 ⇄ 255	0–100%
159	Fine white 18	000 ⇄ 255	0–100%
160	Red 19	000 ⇄ 255	0–100%
161	Fine red 19	000 ⇄ 255	0–100%
162	Green 19	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
163	Fine green 19	000 ⇔ 255	0–100%
164	Blue 19	000 ⇔ 255	0–100%
165	Fine blue 19	000 ⇔ 255	0–100%
166	White 19	000 ⇔ 255	0–100%
167	Fine white 19	000 ⇔ 255	0–100%
168	Red 20	000 ⇔ 255	0–100%
169	Fine red 20	000 ⇔ 255	0–100%
170	Green 20	000 ⇔ 255	0–100%
171	Fine green 20	000 ⇔ 255	0–100%
172	Blue 20	000 ⇔ 255	0–100%
173	Fine blue 20	000 ⇔ 255	0–100%
174	White 20	000 ⇔ 255	0–100%
175	Fine white 20	000 ⇔ 255	0–100%
176	Red 21	000 ⇔ 255	0–100%
177	Fine red 21	000 ⇔ 255	0–100%
178	Green 21	000 ⇔ 255	0–100%
179	Fine green 21	000 ⇔ 255	0–100%
180	Blue 21	000 ⇔ 255	0–100%
181	Fine blue 21	000 ⇔ 255	0–100%
182	White 21	000 ⇔ 255	0–100%
183	Fine white 21	000 ⇔ 255	0–100%
184	Red 22	000 ⇔ 255	0–100%
185	Fine red 22	000 ⇔ 255	0–100%
186	Green 22	000 ⇔ 255	0–100%
187	Fine green 22	000 ⇔ 255	0–100%
188	Blue 22	000 ⇔ 255	0–100%
189	Fine blue 22	000 ⇔ 255	0–100%
190	White 22	000 ⇔ 255	0–100%
191	Fine white 22	000 ⇔ 255	0–100%
192	Red 23	000 ⇔ 255	0–100%
193	Fine red 23	000 ⇔ 255	0–100%
194	Green 23	000 ⇔ 255	0–100%
195	Fine green 23	000 ⇔ 255	0–100%
196	Blue 23	000 ⇔ 255	0–100%
197	Fine blue 23	000 ⇔ 255	0–100%
198	White 23	000 ⇔ 255	0–100%
199	Fine white 23	000 ⇔ 255	0–100%
200	Red 24	000 ⇔ 255	0–100%
201	Fine red 24	000 ⇔ 255	0–100%
202	Green 24	000 ⇔ 255	0–100%
203	Fine green 24	000 ⇔ 255	0–100%
204	Blue 24	000 ⇔ 255	0–100%
205	Fine blue 24	000 ⇔ 255	0–100%
206	White 24	000 ⇔ 255	0–100%
207	Fine white 24	000 ⇔ 255	0–100%
208	Red 25	000 ⇔ 255	0–100%
209	Fine red 25	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
210	Green 25	000 ⇄ 255	0–100%
211	Fine green 25	000 ⇄ 255	0–100%
212	Blue 25	000 ⇄ 255	0–100%
213	Fine blue 25	000 ⇄ 255	0–100%
214	White 25	000 ⇄ 255	0–100%
215	Fine white 25	000 ⇄ 255	0–100%
216	Red 26	000 ⇄ 255	0–100%
217	Fine red 26	000 ⇄ 255	0–100%
218	Green 26	000 ⇄ 255	0–100%
219	Fine green 26	000 ⇄ 255	0–100%
220	Blue 26	000 ⇄ 255	0–100%
221	Fine blue 26	000 ⇄ 255	0–100%
222	White 26	000 ⇄ 255	0–100%
223	Fine white 26	000 ⇄ 255	0–100%
224	Red 27	000 ⇄ 255	0–100%
225	Fine red 27	000 ⇄ 255	0–100%
226	Green 27	000 ⇄ 255	0–100%
227	Fine green 27	000 ⇄ 255	0–100%
228	Blue 27	000 ⇄ 255	0–100%
229	Fine blue 27	000 ⇄ 255	0–100%
230	White 27	000 ⇄ 255	0–100%
231	Fine white 27	000 ⇄ 255	0–100%
232	Red 28	000 ⇄ 255	0–100%
233	Fine red 28	000 ⇄ 255	0–100%
234	Green 28	000 ⇄ 255	0–100%
235	Fine green 28	000 ⇄ 255	0–100%
236	Blue 28	000 ⇄ 255	0–100%
237	Fine blue 28	000 ⇄ 255	0–100%
238	White 28	000 ⇄ 255	0–100%
239	Fine white 28	000 ⇄ 255	0–100%
240	Red 29	000 ⇄ 255	0–100%
241	Fine red 29	000 ⇄ 255	0–100%
242	Green 29	000 ⇄ 255	0–100%
243	Fine green 29	000 ⇄ 255	0–100%
244	Blue 29	000 ⇄ 255	0–100%
245	Fine blue 29	000 ⇄ 255	0–100%
246	White 29	000 ⇄ 255	0–100%
247	Fine white 29	000 ⇄ 255	0–100%
248	Red 30	000 ⇄ 255	0–100%
249	Fine red 30	000 ⇄ 255	0–100%
250	Green 30	000 ⇄ 255	0–100%
251	Fine green 30	000 ⇄ 255	0–100%
252	Blue 30	000 ⇄ 255	0–100%
253	Fine blue 30	000 ⇄ 255	0–100%
254	White 30	000 ⇄ 255	0–100%
255	Fine white 30	000 ⇄ 255	0–100%
256	Red 31	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
257	Fine red 31	000 ⇔ 255	0–100%
258	Green 31	000 ⇔ 255	0–100%
259	Fine green 31	000 ⇔ 255	0–100%
260	Blue 31	000 ⇔ 255	0–100%
261	Fine blue 31	000 ⇔ 255	0–100%
262	White 31	000 ⇔ 255	0–100%
263	Fine white 31	000 ⇔ 255	0–100%

Single Control: Standard (143 Channels)

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	Pan/tilt speed	000 ⇔ 255	Pan/tilt speed, fast to slow
6	Ring CTC	000	No function
		001 ⇔ 255	Color temperature correction, 19000K to 2700K
7	Main CTC	000	No function
		001 ⇔ 255	Color temperature correction, 19000K to 2700K
8	Ring foreground color	000 ⇔ 255	See the Color Chart
9	Main foreground color	000 ⇔ 255	See the Color Chart
10	Ring gobo	000 ⇔ 004	No function
		005 ⇔ 255	Gobos (indexed)
11	Main gobo	000	No function
		001 ⇔ 255	Gobos (indexed)
12	Ring LED macro/Automatic program	000 ⇔ 005	No function
		006 ⇔ 115	LED macros
		116 ⇔ 215	Automatic programs
		216 ⇔ 255	No function
13	Ring macro/program speed	000 ⇔ 127	LED macro/automatic program speed, fast to slow
		128	Stop
		129 ⇔ 255	Reverse macro/program, slow to fast
14	Ring LED delay	000 ⇔ 255	Built-in LED delay, short to long
15	Main LED macro/Automatic program	000 ⇔ 015	No function
		016 ⇔ 135	LED macros
		136 ⇔ 255	Automatic programs
16	Main macro/program speed	000 ⇔ 127	LED macro/automatic program speed, fast to slow
		128	Stop
		129 ⇔ 255	Reverse macro/program, slow to fast
17	Main LED delay	000 ⇔ 255	Built-in LED delay, short to long
18	Ring background color	000 ⇔ 255	See the Color Chart
19	Ring bg. dimmer	000 ⇔ 255	0–100%
20	Main background color	000 ⇔ 255	See the Color Chart
21	Main bg. dimmer	000 ⇔ 255	0–100%
22	Ring fg. dimmer	000 ⇔ 255	0–100%
23	Main fg. dimmer	000 ⇔ 255	0–100%
24	Ring strobe	000 ⇔ 255	See the Strobe Chart

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Channel	Function	Value	Percent/Setting
25	Main strobe	000 ⇄ 255	See the Strobe Chart
26	Zoom	000 ⇄ 255	Zoom, narrow to wide
27	Control	000 ⇄ 255	See the Control Chart
28	All foreground red	000 ⇄ 255	0–100%
29	All foreground green	000 ⇄ 255	0–100%
30	All foreground blue	000 ⇄ 255	0–100%
31	All foreground white	000 ⇄ 255	0–100%
32	Red 1	000 ⇄ 255	0–100%
33	Green 1	000 ⇄ 255	0–100%
34	Blue 1	000 ⇄ 255	0–100%
35	Red 2	000 ⇄ 255	0–100%
36	Green 2	000 ⇄ 255	0–100%
37	Blue 2	000 ⇄ 255	0–100%
38	Red 3	000 ⇄ 255	0–100%
39	Green 3	000 ⇄ 255	0–100%
40	Blue 3	000 ⇄ 255	0–100%
41	Red 4	000 ⇄ 255	0–100%
42	Green 4	000 ⇄ 255	0–100%
43	Blue 4	000 ⇄ 255	0–100%
44	Red 5	000 ⇄ 255	0–100%
45	Green 5	000 ⇄ 255	0–100%
46	Blue 5	000 ⇄ 255	0–100%
47	Red 6	000 ⇄ 255	0–100%
48	Green 6	000 ⇄ 255	0–100%
49	Blue 6	000 ⇄ 255	0–100%
50	Red 7	000 ⇄ 255	0–100%
51	Green 7	000 ⇄ 255	0–100%
52	Blue 7	000 ⇄ 255	0–100%
53	Red 8	000 ⇄ 255	0–100%
54	Green 8	000 ⇄ 255	0–100%
55	Blue 8	000 ⇄ 255	0–100%
56	Red 9	000 ⇄ 255	0–100%
57	Green 9	000 ⇄ 255	0–100%
58	Blue 9	000 ⇄ 255	0–100%
59	Red 10	000 ⇄ 255	0–100%
60	Green 10	000 ⇄ 255	0–100%
61	Blue 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	Red 12	000 ⇄ 255	0–100%
66	Green 12	000 ⇄ 255	0–100%
67	Blue 12	000 ⇄ 255	0–100%
68	Red 13	000 ⇄ 255	0–100%
69	Green 13	000 ⇄ 255	0–100%
70	Blue 13	000 ⇄ 255	0–100%
71	White 13	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
72	Red 14	000 ⇔ 255	0-100%
73	Green 14	000 ⇔ 255	0-100%
74	Blue 14	000 ⇔ 255	0-100%
75	White 14	000 ⇔ 255	0-100%
76	Red 15	000 ⇔ 255	0-100%
77	Green 15	000 ⇔ 255	0-100%
78	Blue 15	000 ⇔ 255	0-100%
79	White 15	000 ⇔ 255	0-100%
80	Red 16	000 ⇔ 255	0-100%
81	Green 16	000 ⇔ 255	0-100%
82	Blue 16	000 ⇔ 255	0-100%
83	White 16	000 ⇔ 255	0-100%
84	Red 17	000 ⇔ 255	0-100%
85	Green 17	000 ⇔ 255	0-100%
86	Blue 17	000 ⇔ 255	0-100%
87	White 17	000 ⇔ 255	0-100%
88	Red 18	000 ⇔ 255	0-100%
89	Green 18	000 ⇔ 255	0-100%
90	Blue 18	000 ⇔ 255	0-100%
91	White 18	000 ⇔ 255	0-100%
92	Red 19	000 ⇔ 255	0-100%
93	Green 19	000 ⇔ 255	0-100%
94	Blue 19	000 ⇔ 255	0-100%
95	White 19	000 ⇔ 255	0-100%
96	Red 20	000 ⇔ 255	0-100%
97	Green 20	000 ⇔ 255	0-100%
98	Blue 20	000 ⇔ 255	0-100%
99	White 20	000 ⇔ 255	0-100%
100	Red 21	000 ⇔ 255	0-100%
101	Green 21	000 ⇔ 255	0-100%
102	Blue 21	000 ⇔ 255	0-100%
103	White 21	000 ⇔ 255	0-100%
104	Red 22	000 ⇔ 255	0-100%
105	Green 22	000 ⇔ 255	0-100%
106	Blue 22	000 ⇔ 255	0-100%
107	White 22	000 ⇔ 255	0-100%
108	Red 23	000 ⇔ 255	0-100%
109	Green 23	000 ⇔ 255	0-100%
110	Blue 23	000 ⇔ 255	0-100%
111	White 23	000 ⇔ 255	0-100%
112	Red 24	000 ⇔ 255	0-100%
113	Green 24	000 ⇔ 255	0-100%
114	Blue 24	000 ⇔ 255	0-100%
115	White 24	000 ⇔ 255	0-100%
116	Red 25	000 ⇔ 255	0-100%
117	Green 25	000 ⇔ 255	0-100%
118	Blue 25	000 ⇔ 255	0-100%

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Channel	Function	Value	Percent/Setting
119	White 25	000 ⇄ 255	0–100%
120	Red 26	000 ⇄ 255	0–100%
121	Green 26	000 ⇄ 255	0–100%
122	Blue 26	000 ⇄ 255	0–100%
123	White 26	000 ⇄ 255	0–100%
124	Red 27	000 ⇄ 255	0–100%
125	Green 27	000 ⇄ 255	0–100%
126	Blue 27	000 ⇄ 255	0–100%
127	White 27	000 ⇄ 255	0–100%
128	Red 28	000 ⇄ 255	0–100%
129	Green 28	000 ⇄ 255	0–100%
130	Blue 28	000 ⇄ 255	0–100%
131	White 28	000 ⇄ 255	0–100%
132	Red 29	000 ⇄ 255	0–100%
133	Green 29	000 ⇄ 255	0–100%
134	Blue 29	000 ⇄ 255	0–100%
135	White 29	000 ⇄ 255	0–100%
136	Red 30	000 ⇄ 255	0–100%
137	Green 30	000 ⇄ 255	0–100%
138	Blue 30	000 ⇄ 255	0–100%
139	White 30	000 ⇄ 255	0–100%
140	Red 31	000 ⇄ 255	0–100%
141	Green 31	000 ⇄ 255	0–100%
142	Blue 31	000 ⇄ 255	0–100%
143	White 31	000 ⇄ 255	0–100%

Single Control: Basic (31 Channels)

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	Pan/tilt speed	000 ⇄ 255	Pan/tilt speed, fast to slow
6	Ring CTC	000	No function
		001 ⇄ 255	Color temperature correction, 19000K to 2700K
7	Main CTC	000	No function
		001 ⇄ 255	Color temperature correction, 19000K to 2700K
8	Ring foreground color	000 ⇄ 255	See the Color Chart
9	Main foreground color	000 ⇄ 255	See the Color Chart
10	Ring gobo	000 ⇄ 004	No function
		005 ⇄ 255	Gobos (indexed)
11	Main gobo	000	No function
		001 ⇄ 255	Gobos (indexed)
12	Ring LED macro/Automatic program	000 ⇄ 005	No function
		006 ⇄ 115	LED macros
		116 ⇄ 215	Automatic programs
		216 ⇄ 255	No function

Channel	Function	Value	Percent/Setting
13	Ring macro/program speed	000 ⇔ 127	LED macro/automatic program speed, fast to slow
		128	Stop
		129 ⇔ 255	Reverse macro/program, slow to fast
14	Ring LED delay	000 ⇔ 255	Built-in LED delay, short to long
15	Main LED macro/Automatic program	000 ⇔ 015	No function
		016 ⇔ 135	LED macros
		136 ⇔ 255	Automatic programs
16	Main macro/program speed	000 ⇔ 127	LED macro/automatic program speed, fast to slow
		128	Stop
		129 ⇔ 255	Reverse macro/program, slow to fast
17	Main LED delay	000 ⇔ 255	Built-in LED delay, short to long
18	Ring background color	000 ⇔ 255	See the Color Chart
19	Ring bg. dimmer	000 ⇔ 255	0–100%
20	Main background color	000 ⇔ 255	See the Color Chart
21	Main bg. dimmer	000 ⇔ 255	0–100%
22	Ring fg. dimmer	000 ⇔ 255	0–100%
23	Main fg. dimmer	000 ⇔ 255	0–100%
24	Ring strobe	000 ⇔ 255	See the Strobe Chart
25	Main strobe	000 ⇔ 255	See the Strobe Chart
26	Zoom	000 ⇔ 255	Zoom, narrow to wide
27	Control	000 ⇔ 255	See the Control Chart
28	All foreground red	000 ⇔ 255	0–100%
29	All foreground green	000 ⇔ 255	0–100%
30	All foreground blue	000 ⇔ 255	0–100%
31	All foreground white	000 ⇔ 255	0–100%

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Dual Control Mode (Movement)

Movement: Advanced (45 Channels)

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	Pan/tilt speed	000 ⇔ 255	Pan/tilt speed, fast to slow
6	Ring CTC	000	No function
		001 ⇔ 255	Color temperature correction, 19000K to 2700K
7	Main CTC	000	No function
		001 ⇔ 255	Color temperature correction, 19000K to 2700K
8	Ring foreground color	000 ⇔ 255	See the Color Chart
9	Main foreground color	000 ⇔ 255	See the Color Chart
10	Ring gobo	000 ⇔ 004	No function
		005 ⇔ 255	Gobos (indexed)
11	Main gobo	000	No function
		001 ⇔ 255	Gobos (indexed)
12	Ring LED macro/Automatic program	000 ⇔ 005	No function
		006 ⇔ 115	LED macros
		116 ⇔ 215	Automatic programs
		216 ⇔ 255	No function
13	Ring macro/program speed	000 ⇔ 127	LED macro/automatic program speed, fast to slow
		128	Stop
		129 ⇔ 255	Reverse macro/program, slow to fast
14	Ring LED delay	000 ⇔ 255	Built-in LED delay, short to long
15	Main LED macro/Automatic program	000 ⇔ 015	No function
		016 ⇔ 135	LED macros
		136 ⇔ 255	Automatic programs
16	Main macro/program speed	000 ⇔ 127	LED macro/automatic program speed, fast to slow
		128	Stop
		129 ⇔ 255	Reverse macro/program, slow to fast
17	Main LED delay	000 ⇔ 255	Built-in LED delay, short to long
18	Ring background color	000 ⇔ 255	See the Color Chart
19	Ring bg. dimmer	000 ⇔ 255	0–100%
20	Ring bg. fine dimmer	000 ⇔ 255	0–100%
21	Main background color	000 ⇔ 255	See the Color Chart
22	Main bg. dimmer	000 ⇔ 255	0–100%
23	Main bg. fine dimmer	000 ⇔ 255	0–100%
24	Ring fg. dimmer	000 ⇔ 255	0–100%
25	Ring fg. fine dimmer	000 ⇔ 255	0–100%
26	Main fg. dimmer	000 ⇔ 255	0–100%
27	Main fg. fine dimmer	000 ⇔ 255	0–100%
28	Ring strobe	000 ⇔ 255	See the Strobe Chart
29	Main strobe	000 ⇔ 255	See the Strobe Chart
30	Zoom	000 ⇔ 255	Zoom, narrow to wide
31	Control	000 ⇔ 255	See the Control Chart
32	Ring fg. red	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
33	Ring fg. fine red	000 ⇔ 255	0–100%
34	Main fg. red	000 ⇔ 255	0–100%
35	Main fg. fine red	000 ⇔ 255	0–100%
36	Ring fg. green	000 ⇔ 255	0–100%
37	Ring fg. fine green	000 ⇔ 255	0–100%
38	Main fg. green	000 ⇔ 255	0–100%
39	Main fg. fine green	000 ⇔ 255	0–100%
40	Ring fg. blue	000 ⇔ 255	0–100%
41	Ring fg. fine blue	000 ⇔ 255	0–100%
42	Main fg. blue	000 ⇔ 255	0–100%
43	Main fg. fine blue	000 ⇔ 255	0–100%
44	Main fg. white	000 ⇔ 255	0–100%
45	Main fg. fine white	000 ⇔ 255	0–100%

Movement: Standard (34 Channels)

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	Pan/tilt speed	000 ⇔ 255	Pan/tilt speed, fast to slow
6	Ring CTC	000	No function
		001 ⇔ 255	Color temperature correction, 19000K to 2700K
7	Main CTC	000	No function
		001 ⇔ 255	Color temperature correction, 19000K to 2700K
8	Ring foreground color	000 ⇔ 255	See the Color Chart
9	Main foreground color	000 ⇔ 255	See the Color Chart
10	Ring gobo	000 ⇔ 004	No function
		005 ⇔ 255	Gobos (indexed)
11	Main gobo	000	No function
		001 ⇔ 255	Gobos (indexed)
12	Ring LED macro/Automatic program	000 ⇔ 005	No function
		006 ⇔ 115	LED macros
		116 ⇔ 215	Automatic programs
		216 ⇔ 255	No function
13	Ring macro/program speed	000 ⇔ 127	LED macro/automatic program speed, fast to slow
		128	Stop
		129 ⇔ 255	Reverse macro/program, slow to fast
14	Ring LED delay	000 ⇔ 255	Built-in LED delay, short to long
15	Main LED macro/Automatic program	000 ⇔ 015	No function
		016 ⇔ 135	LED macros
		136 ⇔ 255	Automatic programs
16	Main macro/program speed	000 ⇔ 127	LED macro/automatic program speed, fast to slow
		128	Stop
		129 ⇔ 255	Reverse macro/program, slow to fast
17	Main LED delay	000 ⇔ 255	Built-in LED delay, short to long
18	Ring background color	000 ⇔ 255	See the Color Chart

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Channel	Function	Value	Percent/Setting
19	Ring bg. dimmer	000 ⇔ 255	0–100%
20	Main background color	000 ⇔ 255	See the Color Chart
21	Main bg. dimmer	000 ⇔ 255	0–100%
22	Ring fg. dimmer	000 ⇔ 255	0–100%
23	Main fg. dimmer	000 ⇔ 255	0–100%
24	Ring strobe	000 ⇔ 255	See the Strobe Chart
25	Main strobe	000 ⇔ 255	See the Strobe Chart
26	Zoom	000 ⇔ 255	Zoom, narrow to wide
27	Control	000 ⇔ 255	See the Control Chart
28	Ring fg. red	000 ⇔ 255	0–100%
29	Main fg. red	000 ⇔ 255	0–100%
30	Ring fg. green	000 ⇔ 255	0–100%
31	Main fg. green	000 ⇔ 255	0–100%
32	Ring fg. blue	000 ⇔ 255	0–100%
33	Main fg. blue	000 ⇔ 255	0–100%
34	Main fg. white	000 ⇔ 255	0–100%

Movement: Basic (11 Channels)

B	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	Pan/tilt speed	000 ⇔ 255	Pan/tilt speed, fast to slow
6	Ring fg. dimmer	000 ⇔ 255	0–100%
7	Main fg. dimmer	000 ⇔ 255	0–100%
8	Ring strobe	000 ⇔ 255	See the Strobe Chart
9	Main strobe	000 ⇔ 255	See the Strobe Chart
10	Zoom	000 ⇔ 255	Zoom, narrow to wide
11	Control	000 ⇔ 255	See the Control Chart

Dual Control Mode (Pixels)

Pixels: Advanced (224 Channels)

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	Red 2	000 ⇔ 255	0–100%
8	Fine red 2	000 ⇔ 255	0–100%
9	Green 2	000 ⇔ 255	0–100%
10	Fine green 2	000 ⇔ 255	0–100%
11	Blue 2	000 ⇔ 255	0–100%
12	Fine blue 2	000 ⇔ 255	0–100%
13	Red 3	000 ⇔ 255	0–100%
14	Fine red 3	000 ⇔ 255	0–100%
15	Green 3	000 ⇔ 255	0–100%
16	Fine green 3	000 ⇔ 255	0–100%
17	Blue 3	000 ⇔ 255	0–100%
18	Fine blue 3	000 ⇔ 255	0–100%
19	Red 4	000 ⇔ 255	0–100%
20	Fine red 4	000 ⇔ 255	0–100%
21	Green 4	000 ⇔ 255	0–100%
22	Fine green 4	000 ⇔ 255	0–100%
23	Blue 4	000 ⇔ 255	0–100%
24	Fine blue 4	000 ⇔ 255	0–100%
25	Red 5	000 ⇔ 255	0–100%
26	Fine red 5	000 ⇔ 255	0–100%
27	Green 5	000 ⇔ 255	0–100%
28	Fine green 5	000 ⇔ 255	0–100%
29	Blue 5	000 ⇔ 255	0–100%
30	Fine blue 5	000 ⇔ 255	0–100%
31	Red 6	000 ⇔ 255	0–100%
32	Fine red 6	000 ⇔ 255	0–100%
33	Green 6	000 ⇔ 255	0–100%
34	Fine green 6	000 ⇔ 255	0–100%
35	Blue 6	000 ⇔ 255	0–100%
36	Fine blue 6	000 ⇔ 255	0–100%
37	Red 7	000 ⇔ 255	0–100%
38	Fine red 7	000 ⇔ 255	0–100%
39	Green 7	000 ⇔ 255	0–100%
40	Fine green 7	000 ⇔ 255	0–100%
41	Blue 7	000 ⇔ 255	0–100%
42	Fine blue 7	000 ⇔ 255	0–100%
43	Red 8	000 ⇔ 255	0–100%
44	Fine red 8	000 ⇔ 255	0–100%
45	Green 8	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
46	Fine green 8	000 ⇄ 255	0–100%
47	Blue 8	000 ⇄ 255	0–100%
48	Fine blue 8	000 ⇄ 255	0–100%
49	Red 9	000 ⇄ 255	0–100%
50	Fine red 9	000 ⇄ 255	0–100%
51	Green 9	000 ⇄ 255	0–100%
52	Fine green 9	000 ⇄ 255	0–100%
53	Blue 9	000 ⇄ 255	0–100%
54	Fine blue 9	000 ⇄ 255	0–100%
55	Red 10	000 ⇄ 255	0–100%
56	Fine red 10	000 ⇄ 255	0–100%
57	Green 10	000 ⇄ 255	0–100%
58	Fine green 10	000 ⇄ 255	0–100%
59	Blue 10	000 ⇄ 255	0–100%
60	Fine blue 10	000 ⇄ 255	0–100%
61	Red 11	000 ⇄ 255	0–100%
62	Fine red 11	000 ⇄ 255	0–100%
63	Green 11	000 ⇄ 255	0–100%
64	Fine green 11	000 ⇄ 255	0–100%
65	Blue 11	000 ⇄ 255	0–100%
66	Fine blue 11	000 ⇄ 255	0–100%
67	Red 12	000 ⇄ 255	0–100%
68	Fine red 12	000 ⇄ 255	0–100%
69	Green 12	000 ⇄ 255	0–100%
70	Fine green 12	000 ⇄ 255	0–100%
71	Blue 12	000 ⇄ 255	0–100%
72	Fine blue 12	000 ⇄ 255	0–100%
73	Red 13	000 ⇄ 255	0–100%
74	Fine red 13	000 ⇄ 255	0–100%
75	Green 13	000 ⇄ 255	0–100%
76	Fine green 13	000 ⇄ 255	0–100%
77	Blue 13	000 ⇄ 255	0–100%
78	Fine blue 13	000 ⇄ 255	0–100%
79	White 13	000 ⇄ 255	0–100%
80	Fine white 13	000 ⇄ 255	0–100%
81	Red 14	000 ⇄ 255	0–100%
82	Fine red 14	000 ⇄ 255	0–100%
83	Green 14	000 ⇄ 255	0–100%
84	Fine green 14	000 ⇄ 255	0–100%
85	Blue 14	000 ⇄ 255	0–100%
86	Fine blue 14	000 ⇄ 255	0–100%
87	White 14	000 ⇄ 255	0–100%
88	Fine white 14	000 ⇄ 255	0–100%
89	Red 15	000 ⇄ 255	0–100%
90	Fine red 15	000 ⇄ 255	0–100%
91	Green 15	000 ⇄ 255	0–100%
92	Fine green 15	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
93	Blue 15	000 ⇔ 255	0–100%
94	Fine blue 15	000 ⇔ 255	0–100%
95	White 15	000 ⇔ 255	0–100%
96	Fine white 15	000 ⇔ 255	0–100%
97	Red 16	000 ⇔ 255	0–100%
98	Fine red 16	000 ⇔ 255	0–100%
99	Green 16	000 ⇔ 255	0–100%
100	Fine green 16	000 ⇔ 255	0–100%
101	Blue 16	000 ⇔ 255	0–100%
102	Fine blue 16	000 ⇔ 255	0–100%
103	White 16	000 ⇔ 255	0–100%
104	Fine white 16	000 ⇔ 255	0–100%
105	Red 17	000 ⇔ 255	0–100%
106	Fine red 17	000 ⇔ 255	0–100%
107	Green 17	000 ⇔ 255	0–100%
108	Fine green 17	000 ⇔ 255	0–100%
109	Blue 17	000 ⇔ 255	0–100%
110	Fine blue 17	000 ⇔ 255	0–100%
111	White 17	000 ⇔ 255	0–100%
112	Fine white 17	000 ⇔ 255	0–100%
113	Red 18	000 ⇔ 255	0–100%
114	Fine red 18	000 ⇔ 255	0–100%
115	Green 18	000 ⇔ 255	0–100%
116	Fine green 18	000 ⇔ 255	0–100%
117	Blue 18	000 ⇔ 255	0–100%
118	Fine blue 18	000 ⇔ 255	0–100%
119	White 18	000 ⇔ 255	0–100%
120	Fine white 18	000 ⇔ 255	0–100%
121	Red 19	000 ⇔ 255	0–100%
122	Fine red 19	000 ⇔ 255	0–100%
123	Green 19	000 ⇔ 255	0–100%
124	Fine green 19	000 ⇔ 255	0–100%
125	Blue 19	000 ⇔ 255	0–100%
126	Fine blue 19	000 ⇔ 255	0–100%
127	White 19	000 ⇔ 255	0–100%
128	Fine white 19	000 ⇔ 255	0–100%
129	Red 20	000 ⇔ 255	0–100%
130	Fine red 20	000 ⇔ 255	0–100%
131	Green 20	000 ⇔ 255	0–100%
132	Fine green 20	000 ⇔ 255	0–100%
133	Blue 20	000 ⇔ 255	0–100%
134	Fine blue 20	000 ⇔ 255	0–100%
135	White 20	000 ⇔ 255	0–100%
136	Fine white 20	000 ⇔ 255	0–100%
137	Red 21	000 ⇔ 255	0–100%
138	Fine red 21	000 ⇔ 255	0–100%
139	Green 21	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
140	Fine green 21	000 ⇄ 255	0–100%
141	Blue 21	000 ⇄ 255	0–100%
142	Fine blue 21	000 ⇄ 255	0–100%
143	White 21	000 ⇄ 255	0–100%
144	Fine white 21	000 ⇄ 255	0–100%
145	Red 22	000 ⇄ 255	0–100%
146	Fine red 22	000 ⇄ 255	0–100%
147	Green 22	000 ⇄ 255	0–100%
148	Fine green 22	000 ⇄ 255	0–100%
149	Blue 22	000 ⇄ 255	0–100%
150	Fine blue 22	000 ⇄ 255	0–100%
151	White 22	000 ⇄ 255	0–100%
152	Fine white 22	000 ⇄ 255	0–100%
153	Red 23	000 ⇄ 255	0–100%
154	Fine red 23	000 ⇄ 255	0–100%
155	Green 23	000 ⇄ 255	0–100%
156	Fine green 23	000 ⇄ 255	0–100%
157	Blue 23	000 ⇄ 255	0–100%
158	Fine blue 23	000 ⇄ 255	0–100%
159	White 23	000 ⇄ 255	0–100%
160	Fine white 23	000 ⇄ 255	0–100%
161	Red 24	000 ⇄ 255	0–100%
162	Fine red 24	000 ⇄ 255	0–100%
163	Green 24	000 ⇄ 255	0–100%
164	Fine green 24	000 ⇄ 255	0–100%
165	Blue 24	000 ⇄ 255	0–100%
166	Fine blue 24	000 ⇄ 255	0–100%
167	White 24	000 ⇄ 255	0–100%
168	Fine white 24	000 ⇄ 255	0–100%
169	Red 25	000 ⇄ 255	0–100%
170	Fine red 25	000 ⇄ 255	0–100%
171	Green 25	000 ⇄ 255	0–100%
172	Fine green 25	000 ⇄ 255	0–100%
173	Blue 25	000 ⇄ 255	0–100%
174	Fine blue 25	000 ⇄ 255	0–100%
175	White 25	000 ⇄ 255	0–100%
176	Fine white 25	000 ⇄ 255	0–100%
177	Red 26	000 ⇄ 255	0–100%
178	Fine red 26	000 ⇄ 255	0–100%
179	Green 26	000 ⇄ 255	0–100%
180	Fine green 26	000 ⇄ 255	0–100%
181	Blue 26	000 ⇄ 255	0–100%
182	Fine blue 26	000 ⇄ 255	0–100%
183	White 26	000 ⇄ 255	0–100%
184	Fine white 26	000 ⇄ 255	0–100%
185	Red 27	000 ⇄ 255	0–100%
186	Fine red 27	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
187	Green 27	000 ⇔ 255	0–100%
188	Fine green 27	000 ⇔ 255	0–100%
189	Blue 27	000 ⇔ 255	0–100%
190	Fine blue 27	000 ⇔ 255	0–100%
191	White 27	000 ⇔ 255	0–100%
192	Fine white 27	000 ⇔ 255	0–100%
193	Red 28	000 ⇔ 255	0–100%
194	Fine red 28	000 ⇔ 255	0–100%
195	Green 28	000 ⇔ 255	0–100%
196	Fine green 28	000 ⇔ 255	0–100%
197	Blue 28	000 ⇔ 255	0–100%
198	Fine blue 28	000 ⇔ 255	0–100%
199	White 28	000 ⇔ 255	0–100%
200	Fine white 28	000 ⇔ 255	0–100%
201	Red 29	000 ⇔ 255	0–100%
202	Fine red 29	000 ⇔ 255	0–100%
203	Green 29	000 ⇔ 255	0–100%
204	Fine green 29	000 ⇔ 255	0–100%
205	Blue 29	000 ⇔ 255	0–100%
206	Fine blue 29	000 ⇔ 255	0–100%
207	White 29	000 ⇔ 255	0–100%
208	Fine white 29	000 ⇔ 255	0–100%
209	Red 30	000 ⇔ 255	0–100%
210	Fine red 30	000 ⇔ 255	0–100%
211	Green 30	000 ⇔ 255	0–100%
212	Fine green 30	000 ⇔ 255	0–100%
213	Blue 30	000 ⇔ 255	0–100%
214	Fine blue 30	000 ⇔ 255	0–100%
215	White 30	000 ⇔ 255	0–100%
216	Fine white 30	000 ⇔ 255	0–100%
217	Red 31	000 ⇔ 255	0–100%
218	Fine red 31	000 ⇔ 255	0–100%
219	Green 31	000 ⇔ 255	0–100%
220	Fine green 31	000 ⇔ 255	0–100%
221	Blue 31	000 ⇔ 255	0–100%
222	Fine blue 31	000 ⇔ 255	0–100%
223	White 31	000 ⇔ 255	0–100%
224	Fine white 31	000 ⇔ 255	0–100%

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Pixels: Standard (112 Channels)

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	White 13	000 ⇄ 255	0–100%
41	Red 14	000 ⇄ 255	0–100%
42	Green 14	000 ⇄ 255	0–100%
43	Blue 14	000 ⇄ 255	0–100%
44	White 14	000 ⇄ 255	0–100%
45	Red 15	000 ⇄ 255	0–100%
46	Green 15	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
47	Blue 15	000 ⇔ 255	0-100%
48	White 15	000 ⇔ 255	0-100%
49	Red 16	000 ⇔ 255	0-100%
50	Green 16	000 ⇔ 255	0-100%
51	Blue 16	000 ⇔ 255	0-100%
52	White 16	000 ⇔ 255	0-100%
53	Red 17	000 ⇔ 255	0-100%
54	Green 17	000 ⇔ 255	0-100%
55	Blue 17	000 ⇔ 255	0-100%
56	White 17	000 ⇔ 255	0-100%
57	Red 18	000 ⇔ 255	0-100%
58	Green 18	000 ⇔ 255	0-100%
59	Blue 18	000 ⇔ 255	0-100%
60	White 18	000 ⇔ 255	0-100%
61	Red 19	000 ⇔ 255	0-100%
62	Green 19	000 ⇔ 255	0-100%
63	Blue 19	000 ⇔ 255	0-100%
64	White 19	000 ⇔ 255	0-100%
65	Red 20	000 ⇔ 255	0-100%
66	Green 20	000 ⇔ 255	0-100%
67	Blue 20	000 ⇔ 255	0-100%
68	White 20	000 ⇔ 255	0-100%
69	Red 21	000 ⇔ 255	0-100%
70	Green 21	000 ⇔ 255	0-100%
71	Blue 21	000 ⇔ 255	0-100%
72	White 21	000 ⇔ 255	0-100%
73	Red 22	000 ⇔ 255	0-100%
74	Green 22	000 ⇔ 255	0-100%
75	Blue 22	000 ⇔ 255	0-100%
76	White 22	000 ⇔ 255	0-100%
77	Red 23	000 ⇔ 255	0-100%
78	Green 23	000 ⇔ 255	0-100%
79	Blue 23	000 ⇔ 255	0-100%
80	White 23	000 ⇔ 255	0-100%
81	Red 24	000 ⇔ 255	0-100%
82	Green 24	000 ⇔ 255	0-100%
83	Blue 24	000 ⇔ 255	0-100%
84	White 24	000 ⇔ 255	0-100%
85	Red 25	000 ⇔ 255	0-100%
86	Green 25	000 ⇔ 255	0-100%
87	Blue 25	000 ⇔ 255	0-100%
88	White 25	000 ⇔ 255	0-100%
89	Red 26	000 ⇔ 255	0-100%
90	Green 26	000 ⇔ 255	0-100%
91	Blue 26	000 ⇔ 255	0-100%
92	White 26	000 ⇔ 255	0-100%
93	Red 27	000 ⇔ 255	0-100%

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Channel	Function	Value	Percent/Setting
94	Green 27	000 ⇄ 255	0–100%
95	Blue 27	000 ⇄ 255	0–100%
96	White 27	000 ⇄ 255	0–100%
97	Red 28	000 ⇄ 255	0–100%
98	Green 28	000 ⇄ 255	0–100%
99	Blue 28	000 ⇄ 255	0–100%
100	White 28	000 ⇄ 255	0–100%
101	Red 29	000 ⇄ 255	0–100%
102	Green 29	000 ⇄ 255	0–100%
103	Blue 29	000 ⇄ 255	0–100%
104	White 29	000 ⇄ 255	0–100%
105	Red 30	000 ⇄ 255	0–100%
106	Green 30	000 ⇄ 255	0–100%
107	Blue 30	000 ⇄ 255	0–100%
108	White 30	000 ⇄ 255	0–100%
109	Red 31	000 ⇄ 255	0–100%
110	Green 31	000 ⇄ 255	0–100%
111	Blue 31	000 ⇄ 255	0–100%
112	White 31	000 ⇄ 255	0–100%

Pixels: Basic (93 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%

Channel	Function	Value	Percent/Setting
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%
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%

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Channel	Function	Value	Percent/Setting
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%
82	Red 28	000 ⇔ 255	0–100%
83	Green 28	000 ⇔ 255	0–100%
84	Blue 28	000 ⇔ 255	0–100%
85	Red 29	000 ⇔ 255	0–100%
86	Green 29	000 ⇔ 255	0–100%
87	Blue 29	000 ⇔ 255	0–100%
88	Red 30	000 ⇔ 255	0–100%
89	Green 30	000 ⇔ 255	0–100%
90	Blue 30	000 ⇔ 255	0–100%
91	Red 31	000 ⇔ 255	0–100%
92	Green 31	000 ⇔ 255	0–100%
93	Blue 31	000 ⇔ 255	0–100%

Color Chart

DMX Value	Function	Red Value	Green Value	Blue Value	White Value
000	No function	N/A	N/A	N/A	N/A
001 ⇔ 002	2700K	156	118	000	063
003 ⇔ 004	3200K	156	141	005	089
005 ⇔ 006	4200K	156	141	014	255
007 ⇔ 008	5600K	156	207	054	255
009 ⇔ 010	8000K	130	255	096	255
011	Blue	000	000	255	000
012 ⇔ 048	Blue to cyan	000	+	255	000
049	Cyan	000	255	255	000
050 ⇔ 086	Cyan to green	000	255	-	000
087	Green	000	255	000	000
088 ⇔ 124	Green to yellow	+	255	000	000
125	Yellow	255	255	000	000
126 ⇔ 162	Yellow to red	255	-	000	000
163	Red	255	000	000	000
164 ⇔ 200	Red to magenta	255	000	+	000
201	Magenta	255	000	255	000
202 ⇔ 238	Magenta to blue	-	000	255	000
239	Blue	000	000	255	000
240 ⇔ 247	Color fade, fast to slow	N/A	N/A	N/A	N/A
248 ⇔ 255	Color snap, fast to slow	N/A	N/A	N/A	N/A

Strobe Chart

DMX Value	Function
000 ⇔ 019	Off
020 ⇔ 024	On
025 ⇔ 064	Strobe, fast to slow
065 ⇔ 069	On
070 ⇔ 084	100–0% strobe, fast to slow
085 ⇔ 089	On
090 ⇔ 104	0–100% strobe, fast to slow
105 ⇔ 109	On
110 ⇔ 124	Random strobe, fast to slow
125 ⇔ 129	On
130 ⇔ 144	Random 100–0% strobe, fast to slow
145 ⇔ 149	On
150 ⇔ 164	Random 0–100% strobe, fast to slow
165 ⇔ 169	On
170 ⇔ 184	Pulse strobe 1, fast to slow
185 ⇔ 189	On
190 ⇔ 204	Random pulse strobe, fast to slow
205 ⇔ 209	On
210 ⇔ 224	100–0–100% strobe, fast to slow
225 ⇔ 229	On
230 ⇔ 244	Pulse strobe 2, fast to slow
245 ⇔ 255	On

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Control Chart

DMX Value	Function
000 ⇔ 009	No function
010 ⇔ 014	Blackout on pan/tilt
015 ⇔ 019	Reserved for future use
020 ⇔ 024	RGBW color mixing
025 ⇔ 029	CMY color mixing
030 ⇔ 034	Combine main and ring
035 ⇔ 039	Disable combine main and ring
040 ⇔ 044	Defrost fan on
045 ⇔ 049	Defrost fan off
050 ⇔ 054	Reset pan
055 ⇔ 059	Reset tilt
060 ⇔ 064	Zoom reset
065 ⇔ 069	Reserved for future use
070 ⇔ 074	Reset all
075 ⇔ 084	Reserved for future use
085 ⇔ 089	Reverse pan
090 ⇔ 094	Reverse tilt
095 ⇔ 099	Normal pan
100 ⇔ 104	Normal tilt
105 ⇔ 119	Reserved for future use
120 ⇔ 124	Fan mode ECO
125 ⇔ 129	Fan mode full
130 ⇔ 134	Fan mode auto
135 ⇔ 139	Dimmer mode fast
140 ⇔ 144	Dimmer mode smooth
145 ⇔ 149	Dimmer curve linear
150 ⇔ 154	Dimmer curve square
155 ⇔ 159	Dimmer curve inverse square
160 ⇔ 164	Dimmer curve S-curve
165 ⇔ 169	WHITE mode
170 ⇔ 174	FULL mode
175 ⇔ 179	Single-color calibration off
180 ⇔ 184	Single-color calibration on
185 ⇔ 239	No function
240 ⇔ 247	Calibration on
248 ⇔ 255	Calibration off