

DMX CHART



WELL STX 180

DMX Values

73Ch

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%

Channel	Function	Value	Percent/Setting
54	Green 14	000 ⇔ 255	0–100%
55	Blue 14	000 ⇔ 255	0–100%
56	White 14	000 ⇔ 255	0–100%
57	Red 15	000 ⇔ 255	0–100%
58	Green 15	000 ⇔ 255	0–100%
59	Blue 15	000 ⇔ 255	0–100%
60	White 15	000 ⇔ 255	0–100%
61	Red 16	000 ⇔ 255	0–100%
62	Green 16	000 ⇔ 255	0–100%
63	Blue 16	000 ⇔ 255	0–100%
64	White 16	000 ⇔ 255	0–100%
65	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
66	Auto programs	000 ⇔ 010	No function
		011 ⇔ 018	Auto program 1
		019 ⇔ 026	Auto program 2
		027 ⇔ 034	Auto program 3
		035 ⇔ 042	Auto program 4
		043 ⇔ 050	Auto program 5
		051 ⇔ 058	Auto program 6
		059 ⇔ 066	Auto program 7
		067 ⇔ 074	Auto program 8
		075 ⇔ 082	Auto program 9
		083 ⇔ 090	Auto program 10
		091 ⇔ 098	Auto program 11
		099 ⇔ 106	Auto program 12
		107 ⇔ 114	Auto program 13
		115 ⇔ 122	Auto program 14
		123 ⇔ 130	Auto program 15
		131 ⇔ 138	Auto program 16
		139 ⇔ 146	Auto program 17
		147 ⇔ 154	Auto program 18
		155 ⇔ 162	Auto program 19
		163 ⇔ 170	Auto program 20
		171 ⇔ 178	Auto program 21
		179 ⇔ 186	Auto program 22
		187 ⇔ 194	Auto program 23
		195 ⇔ 202	Auto program 24
		203 ⇔ 210	Auto program 25
		211 ⇔ 218	Auto program 26
		219 ⇔ 226	Auto program 27
227 ⇔ 255	Auto program 28 (cycles through auto programs 1–27)		
67	Auto speed	000 ⇔ 255	0–100%
68	Foreground color dimmer	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
69	Foreground color	000 ⇔ 013	Red
		014 ⇔ 027	Green
		028 ⇔ 041	Blue
		042 ⇔ 055	White
		056 ⇔ 069	Green + blue
		070 ⇔ 083	Red + blue
		084 ⇔ 097	Red + green
		098 ⇔ 111	Red + green + blue
		112 ⇔ 125	Red + white
		126 ⇔ 139	Green + white
		140 ⇔ 153	Blue + white
		154 ⇔ 167	Red + green + white
		168 ⇔ 181	Red + blue + white
		182 ⇔ 195	Green + blue + white
		196 ⇔ 209	Red + green + blue + white
		210 ⇔ 223	2800K
224 ⇔ 237	7000K		
238 ⇔ 255	Auto		
70	Background color dimmer	000 ⇔ 255	0–100%
71	Background color	000 ⇔ 013	Red
		014 ⇔ 027	Green
		028 ⇔ 041	Blue
		042 ⇔ 055	White
		056 ⇔ 069	Green + blue
		070 ⇔ 083	Red + blue
		084 ⇔ 097	Red + green
		098 ⇔ 111	Red + green + blue
		112 ⇔ 125	Red + white
		126 ⇔ 139	Green + white
		140 ⇔ 153	Blue + white
		154 ⇔ 167	Red + green + white
		168 ⇔ 181	Red + blue + white
		182 ⇔ 195	Green + blue + white
		196 ⇔ 209	Red + green + blue + white
		210 ⇔ 223	2800K
224 ⇔ 237	7000K		
238 ⇔ 255	Auto		
72	Dimmer	000 ⇔ 255	0–100%
73	Dimmer speed	000 ⇔ 051	Preset dimmer speed from display menu
		052 ⇔ 101	Dimmer speed mode off
		102 ⇔ 152	Dimmer speed mode 1 (fastest)
		153 ⇔ 203	Dimmer speed mode 2
		204 ⇔ 255	Dimmer speed mode 3 (slowest)

67Ch

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%

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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	Strobe	000 ⇔ 010 011 ⇔ 255	Off Strobe, slow to fast
66	Dimmer	000 ⇔ 255	0–100%
67	Dimmer speed	000 ⇔ 051 052 ⇔ 101 102 ⇔ 152 153 ⇔ 203 204 ⇔ 255	Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode 1 (fastest) Dimmer speed mode 2 Dimmer speed mode 3 (slowest)

64Ch

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%

Channel	Function	Value	Percent/Setting
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%
54	Green 14	000 ⇄ 255	0–100%
55	Blue 14	000 ⇄ 255	0–100%
56	White 14	000 ⇄ 255	0–100%
57	Red 15	000 ⇄ 255	0–100%
58	Green 15	000 ⇄ 255	0–100%
59	Blue 15	000 ⇄ 255	0–100%
60	White 15	000 ⇄ 255	0–100%
61	Red 16	000 ⇄ 255	0–100%
62	Green 16	000 ⇄ 255	0–100%
63	Blue 16	000 ⇄ 255	0–100%
64	White 16	000 ⇄ 255	0–100%

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15Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Red	000 ⇄ 255	0–100%
3	Green	000 ⇄ 255	0–100%
4	Blue	000 ⇄ 255	0–100%
5	White	000 ⇄ 255	0–100%
6	Color temperature	000 ⇄ 005	No function
		006 ⇄ 012	2800K
		013 ⇄ 019	2900K
		020 ⇄ 026	3000K
		027 ⇄ 033	3100K
		034 ⇄ 040	3200K
		041 ⇄ 047	3300K
		048 ⇄ 054	3400K
		055 ⇄ 061	3500K
		062 ⇄ 068	3600K
		069 ⇄ 075	3700K
		076 ⇄ 082	3800K
		083 ⇄ 089	3900K
		090 ⇄ 096	4000K
		097 ⇄ 103	4100K
		104 ⇄ 110	4200K
		111 ⇄ 117	4300K
		118 ⇄ 124	4400K
		125 ⇄ 131	4500K
		132 ⇄ 138	4600K
139 ⇄ 145	4700K		
146 ⇄ 152	4800K		
153 ⇄ 159	4900K		
160 ⇄ 166	5000K		
167 ⇄ 173	5100K		
174 ⇄ 180	5200K		
181 ⇄ 187	5300K		
188 ⇄ 194	5400K		
195 ⇄ 201	5500K		
202 ⇄ 208	5600K		
209 ⇄ 215	5700K		
216 ⇄ 222	6000K		
223 ⇄ 229	6500K		
230 ⇄ 236	7000K		
237 ⇄ 243	7500K		
244 ⇄ 255	8000K		
7	Strobe	000 ⇄ 010	No function
		011 ⇄ 255	Strobe, slow to fast

Channel	Function	Value	Percent/Setting
8	Auto programs	000 ⇔ 010	No function
		011 ⇔ 018	Auto program 1
		019 ⇔ 026	Auto program 2
		027 ⇔ 034	Auto program 3
		035 ⇔ 042	Auto program 4
		043 ⇔ 050	Auto program 5
		051 ⇔ 058	Auto program 6
		059 ⇔ 066	Auto program 7
		067 ⇔ 074	Auto program 8
		075 ⇔ 082	Auto program 9
		083 ⇔ 090	Auto program 10
		091 ⇔ 098	Auto program 11
		099 ⇔ 106	Auto program 12
		107 ⇔ 114	Auto program 13
		115 ⇔ 122	Auto program 14
		123 ⇔ 130	Auto program 15
		131 ⇔ 138	Auto program 16
		139 ⇔ 146	Auto program 17
		147 ⇔ 154	Auto program 18
		155 ⇔ 162	Auto program 19
		163 ⇔ 170	Auto program 20
		171 ⇔ 178	Auto program 21
		179 ⇔ 186	Auto program 22
		187 ⇔ 194	Auto program 23
		195 ⇔ 202	Auto program 24
		203 ⇔ 210	Auto program 25
		211 ⇔ 218	Auto program 26
		219 ⇔ 226	Auto program 27
		227 ⇔ 255	Auto program 28 (cycles through auto programs 1–27)
9	Auto speed	000 ⇔ 255	Auto programs speed, slow to fast
10	Foreground color dimmer	000 ⇔ 255	0–100%
11	Foreground color	000 ⇔ 013	Red
		014 ⇔ 027	Green
		028 ⇔ 041	Blue
		042 ⇔ 055	White
		056 ⇔ 069	Green + blue
		070 ⇔ 083	Red + blue
		084 ⇔ 097	Red + green
		098 ⇔ 111	Red + green + blue
		112 ⇔ 125	Red + white
		126 ⇔ 139	Green + white
		140 ⇔ 153	Blue + white
		154 ⇔ 167	Red + green + white
		168 ⇔ 181	Red + blue + white
		182 ⇔ 195	Green + blue + white
		196 ⇔ 209	Red + green + blue + white
		210 ⇔ 223	2800K
		224 ⇔ 237	7000K
		238 ⇔ 255	Auto
12	Background color dimmer	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
13	Background color	000 ⇄ 013	Red
		014 ⇄ 027	Green
		028 ⇄ 041	Blue
		042 ⇄ 055	White
		056 ⇄ 069	Green + blue
		070 ⇄ 083	Red + blue
		084 ⇄ 097	Red + green
		098 ⇄ 111	Red + green + blue
		112 ⇄ 125	Red + white
		126 ⇄ 139	Green + white
		140 ⇄ 153	Blue + white
		154 ⇄ 167	Red + green + white
		168 ⇄ 181	Red + blue + white
		182 ⇄ 195	Green + blue + white
196 ⇄ 209	Red + green + blue + white		
		210 ⇄ 223	2800K
		224 ⇄ 237	7000K
		238 ⇄ 255	Auto
14	Dimmer speed mode	000 ⇄ 051	Preset dimmer speed from display menu
		052 ⇄ 101	Dimmer speed mode off
		102 ⇄ 152	Dimmer speed mode 1 (fastest)
		153 ⇄ 203	Dimmer speed mode 2
		204 ⇄ 255	Dimmer speed mode 3 (slowest)
15	Auto delay	000 ⇄ 255	0–100%

4Ch

Channel	Function	Value	Percent/Setting
1	Red	000 ⇄ 255	0–100%
2	Green	000 ⇄ 255	0–100%
3	Blue	000 ⇄ 255	0–100%
4	White	000 ⇄ 255	0–100%