

DMX Channel Assignments and Values**Control Chart**

Value	Percent/Setting	Value	Percent/Setting
000 ⇔ 005	No function	131	Invert display
006 ⇔ 028	Reserved for future use	132 ⇔ 169	Reserved for future use
029	Red shift off	170	PWM frequency 1000 Hz (hold for 3 seconds)
030	No function	171 ⇔ 173	Reserved for future use
031	Red shift on	174	PWM frequency 2000 Hz (hold for 3 seconds)
032 ⇔ 036	Reserved for future use	175	Reserved for future use
037	No function	176	PWM frequency 4000 Hz (hold for 3 seconds)
038 ⇔ 075	Reserved for future use	177	Reserved for future use
076	Linear dimmer	178	PWM frequency 6000 Hz (hold for 3 seconds)
077	Square dimmer	179 ⇔ 183	Reserved for future use
078	Inverse square dimmer	184	PWM frequency 25000 Hz (hold for 3 seconds)
079	S-curve dimmer	185 ⇔ 192	Reserved for future use
080 ⇔ 085	Reserved for future use	193	Reset dimmer
086	Dimmer mode off	194 ⇔ 217	Reserved for future use
087	Dimmer mode 1 (fast)	218 ⇔ 219	No function
088	Dimmer mode 2	220	Reserved for future use
089	Dimmer mode 3 (slow)	221 ⇔ 222	No function
090	Dimmer mode override	223	Reserved for future use
091	Dimmer Strike mode	224 ⇔ 225	No function
092	Dimmer traditional mode	226 ⇔ 249	Reserved for future use
093 ⇔ 129	Reserved for future use	250 ⇔ 255	No function
130	Do not invert display		

26 Ch2

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇄ 255	0–100%
2	Fine dimmer 1	000 ⇄ 255	0–100%
3	Dimmer 2	000 ⇄ 255	0–100%
4	Fine dimmer 2	000 ⇄ 255	0–100%
5	Dimmer 3	000 ⇄ 255	0–100%
6	Fine dimmer 3	000 ⇄ 255	0–100%
7	Dimmer 4	000 ⇄ 255	0–100%
8	Fine dimmer 4	000 ⇄ 255	0–100%
9	Dimmer 5	000 ⇄ 255	0–100%
10	Fine dimmer 5	000 ⇄ 255	0–100%
11	Dimmer 6	000 ⇄ 255	0–100%
12	Fine dimmer 6	000 ⇄ 255	0–100%
13	Dimmer 7	000 ⇄ 255	0–100%
14	Fine dimmer 7	000 ⇄ 255	0–100%
15	Dimmer 8	000 ⇄ 255	0–100%
16	Fine dimmer 8	000 ⇄ 255	0–100%
17	Dimmer 9	000 ⇄ 255	0–100%
18	Fine dimmer 9	000 ⇄ 255	0–100%
19	Dimmer 10	000 ⇄ 255	0–100%
20	Fine dimmer 10	000 ⇄ 255	0–100%
21	Master dimmer	000 ⇄ 255	0–100%
22	Fine master dimmer	000 ⇄ 255	0–100%
23	Strobe	000 ⇄ 010	No function
		011 ⇄ 125	Strobe, slow to fast
		126 ⇄ 255	Random strobe
24	Auto programs	000 ⇄ 010	No function
		011 ⇄ 032	Auto program 1
		033 ⇄ 076	Auto program 2
		077 ⇄ 120	Auto program 3
		121 ⇄ 164	Auto program 4
		165 ⇄ 208	Auto program 5
		209 ⇄ 255	Auto program 6
25	Auto speed	000 ⇄ 255	Auto speed, slow to fast
26	Control	000 ⇄ 255	See the Control Chart

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26 Ch1

Channel	Function	Value	Percent/Setting
1	White 1	000 ⇔ 255	0–100%
2	Amber 1	000 ⇔ 255	0–100%
3	White 2	000 ⇔ 255	0–100%
4	Amber 2	000 ⇔ 255	0–100%
5	White 3	000 ⇔ 255	0–100%
6	Amber 3	000 ⇔ 255	0–100%
7	White 4	000 ⇔ 255	0–100%
8	Amber 4	000 ⇔ 255	0–100%
9	White 5	000 ⇔ 255	0–100%
10	Amber 5	000 ⇔ 255	0–100%
11	White 6	000 ⇔ 255	0–100%
12	Amber 6	000 ⇔ 255	0–100%
13	White 7	000 ⇔ 255	0–100%
14	Amber 7	000 ⇔ 255	0–100%
15	White 8	000 ⇔ 255	0–100%
16	Amber 8	000 ⇔ 255	0–100%
17	White 9	000 ⇔ 255	0–100%
18	Amber 9	000 ⇔ 255	0–100%
19	White 10	000 ⇔ 255	0–100%
20	Amber 10	000 ⇔ 255	0–100%
21	Master dimmer	000 ⇔ 255	0–100%
22	Fine master dimmer	000 ⇔ 255	0–100%
23	Strobe	000 ⇔ 010	No function
		011 ⇔ 125	Strobe, slow to fast
		126 ⇔ 255	Random strobe
24	Auto programs	000 ⇔ 010	No function
		011 ⇔ 032	Auto program 1
		033 ⇔ 076	Auto program 2
		077 ⇔ 120	Auto program 3
		121 ⇔ 164	Auto program 4
		165 ⇔ 208	Auto program 5
		209 ⇔ 255	Auto program 6
25	Auto speed	000 ⇔ 255	Auto speed, slow to fast
26	Control	000 ⇔ 255	See the Control Chart

22 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇄ 255	0–100%
2	Fine dimmer 1	000 ⇄ 255	0–100%
3	Dimmer 2	000 ⇄ 255	0–100%
4	Fine dimmer 2	000 ⇄ 255	0–100%
5	Dimmer 3	000 ⇄ 255	0–100%
6	Fine dimmer 3	000 ⇄ 255	0–100%
7	Dimmer 4	000 ⇄ 255	0–100%
8	Fine dimmer 4	000 ⇄ 255	0–100%
9	Dimmer 5	000 ⇄ 255	0–100%
10	Fine dimmer 5	000 ⇄ 255	0–100%
11	Dimmer 6	000 ⇄ 255	0–100%
12	Fine dimmer 6	000 ⇄ 255	0–100%
13	Dimmer 7	000 ⇄ 255	0–100%
14	Fine dimmer 7	000 ⇄ 255	0–100%
15	Dimmer 8	000 ⇄ 255	0–100%
16	Fine dimmer 8	000 ⇄ 255	0–100%
17	Dimmer 9	000 ⇄ 255	0–100%
18	Fine dimmer 9	000 ⇄ 255	0–100%
19	Dimmer 10	000 ⇄ 255	0–100%
20	Fine dimmer 10	000 ⇄ 255	0–100%
21	Master dimmer	000 ⇄ 255	0–100%
22	Fine master dimmer	000 ⇄ 255	0–100%

13 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇄ 255	0–100%
2	Dimmer 2	000 ⇄ 255	0–100%
3	Dimmer 3	000 ⇄ 255	0–100%
4	Dimmer 4	000 ⇄ 255	0–100%
5	Dimmer 5	000 ⇄ 255	0–100%
6	Dimmer 6	000 ⇄ 255	0–100%
7	Dimmer 7	000 ⇄ 255	0–100%
8	Dimmer 8	000 ⇄ 255	0–100%
9	Dimmer 9	000 ⇄ 255	0–100%
10	Dimmer 10	000 ⇄ 255	0–100%
11	Master dimmer	000 ⇄ 255	0–100%
12	Fine master dimmer	000 ⇄ 255	0–100%
13	Control	000 ⇄ 255	See the Control Chart

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6 Ch

Channel	Function	Value	Percent/Setting
1	Master dimmer	000 ⇔ 255	0–100%
2	Fine master dimmer	000 ⇔ 255	0–100%
3	Strobe	000 ⇔ 010 011 ⇔ 125 126 ⇔ 255	No function Strobe, slow to fast Random strobe
4	Auto programs	000 ⇔ 010 011 ⇔ 032 033 ⇔ 076 077 ⇔ 120 121 ⇔ 164 165 ⇔ 208 209 ⇔ 255	No function Auto program 1 Auto program 2 Auto program 3 Auto program 4 Auto program 5 Auto program 6
5	Auto speed	000 ⇔ 255	Auto speed, slow to fast
6	Control	000 ⇔ 255	See the Control Chart

3 Ch

Channel	Function	Value	Percent/Setting
1	Master dimmer	000 ⇔ 255	0–100%
2	Strobe	000 ⇔ 010 011 ⇔ 125 126 ⇔ 255	No function Strobe, slow to fast Random strobe
3	Control	000 ⇔ 255	See the Control Chart

1 Ch

Channel	Function	Value	Percent/Setting
1	Master dimmer	000 ⇔ 255	0–100%