

DMX CHART



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Virtual Color Wheel

Color Chart

DMX Channel Value	Display Readout	Red Value	Green Value	Blue Value	Amber Value	Lime Value
000 ⇄ 005	--	000	000	000	000	000
006 ⇄ 013	C3050 - Md Yellow	255	190	004	255	255
014 ⇄ 021	C3040 - Lt Yellow	255	111	011	255	255
022 ⇄ 028	C3240 - Amb Yellow	255	245	000	255	075
029 ⇄ 035	C2340 - VLt Amber	255	010	033	255	255
036 ⇄ 043	C2040 - Lt Amber	255	008	023	255	204
044 ⇄ 051	C2050 - Md Amber	255	000	003	255	172
052 ⇄ 059	C2060 - Dk Amber	255	000	003	255	110
060 ⇄ 067	C1050 - Lt Red	255	000	005	044	000
068 ⇄ 075	C1080 - Md Red	255	000	002	000	000
076 ⇄ 083	C1020 - NC Pink	255	105	074	255	255
084 ⇄ 091	C1030 - Md Pink	255	000	074	255	247
092 ⇄ 099	C1630 - Dk Pink	255	060	075	255	255
100 ⇄ 107	C1250 - Md Red Amber	255	000	010	255	008
108 ⇄ 115	C1060 - Dk Red Amber	255	000	012	096	000
116 ⇄ 121	C1650 - Magenta	255	000	062	255	082
122 ⇄ 130	C6170 - Dk Magenta	255	000	074	020	000
131 ⇄ 138	C6020 - Lt Lavender	255	255	118	255	199
139 ⇄ 146	C5030 - Lt Blue	000	255	171	040	255
147 ⇄ 154	C5020 - VLt Blue	000	255	180	224	255
155 ⇄ 162	C5430 - Lt Blue 2	000	255	148	000	226
163 ⇄ 170	C5070 - Blue	000	255	216	000	000
171 ⇄ 178	C5050 - Md Blue	000	255	212	000	113
179 ⇄ 186	C5060 - Dk Blue	000	242	255	000	053
187 ⇄ 194	C5690 - Indigo	026	039	255	000	000
195 ⇄ 202	C5080 - VDk Blue	000	200	255	000	000
203 ⇄ 210	C5081 - VDk Blue2	000	180	255	000	000
211 ⇄ 218	C4370 - Yel Green	000	255	005	000	045
219 ⇄ 226	C4070 - Green	000	255	025	000	147
227 ⇄ 234	C4550 - Turquoise	000	172	056	000	255
235 ⇄ 242	C4560 - Aqua	000	210	072	000	255
243 ⇄ 250	C4570 - Blue Green	000	255	030	000	005
251 ⇄ 255	--	000	000	000	000	000

Color Temperature Chart

DMX Channel Value	Display Readout	Red Value	Green Value	Blue Value	Amber Value	Lime Value
000 ⇄ 005	--	000	000	000	000	000
006 ⇄ 025	2800K	201	130	048	255	255
026 ⇄ 050	3200K	144	135	061	255	255
051 ⇄ 075	3500K	115	139	071	255	255
076 ⇄ 100	4000K	083	154	088	255	255
101 ⇄ 125	4500K	072	185	107	255	255
126 ⇄ 150	5000K	062	209	124	255	255
151 ⇄ 175	5600K	046	222	142	255	230
176 ⇄ 200	6000K	038	230	154	255	255
201 ⇄ 225	6500K	029	237	166	255	255
226 ⇄ 255	--	000	000	000	000	000

DMX Values

15 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0-100%
2	Fine Dimmer	000 ⇄ 255	0-100%
3	Red	000 ⇄ 255	0-100%
4	Fine Red	000 ⇄ 255	0-100%
5	Green	000 ⇄ 255	0-100%
6	Fine Green	000 ⇄ 255	0-100%

Channel	Function	Value	Percent/Setting
7	Blue	000 ⇄ 255	0–100%
8	Fine Blue	000 ⇄ 255	0–100%
9	Amber	000 ⇄ 255	0–100%
10	Fine Amber	000 ⇄ 255	0–100%
11	Lime	000 ⇄ 255	0–100%
12	Fine Lime	000 ⇄ 255	0–100%
13	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
14	Virtual Color Wheel	000 ⇄ 255	See Virtual Color Wheel Chart
15	Color Temperature	000 ⇄ 255	See Color Temperature Chart

13 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Fine Dimmer	000 ⇄ 255	0–100%
3	Red	000 ⇄ 255	0–100%
4	Fine Red	000 ⇄ 255	0–100%
5	Green	000 ⇄ 255	0–100%
6	Fine Green	000 ⇄ 255	0–100%
7	Blue	000 ⇄ 255	0–100%
8	Fine Blue	000 ⇄ 255	0–100%
9	Amber	000 ⇄ 255	0–100%
10	Fine Amber	000 ⇄ 255	0–100%
11	Lime	000 ⇄ 255	0–100%
12	Fine Lime	000 ⇄ 255	0–100%
13	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast

12 Ch

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	Amber	000 ⇄ 255	0–100%
6	Lime	000 ⇄ 255	0–100%
7	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
8	Virtual Color Wheel	000 ⇄ 255	See Virtual Color Wheel Chart
9	Color Temperature	000 ⇄ 255	See Color Temperature Chart
10	Auto Programs	000 ⇄ 010 011 ⇄ 060 061 ⇄ 110 111 ⇄ 160 161 ⇄ 210 211 ⇄ 255	No Function Auto Program 1 Auto Program 2 Auto Program 3 Auto Program 4 Auto Program 5 (Auto Programs 1-4)
11	Auto Speed	000 ⇄ 255	0–100%
12	Dimmer Speed Mode	000 ⇄ 051 052 ⇄ 101 102 ⇄ 152 153 ⇄ 203 204 ⇄ 255	Preset dimmer speed from display menu Dimmer speed off Dimmer speed mode 1 Dimmer speed mode 2 Dimmer speed mode 3

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10 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Dimmer Fine	000 ⇄ 255	0–100%
3	Red	000 ⇄ 255	0–100%
4	Green	000 ⇄ 255	0–100%
5	Blue	000 ⇄ 255	0–100%
6	Amber	000 ⇄ 255	0–100%
7	Lime	000 ⇄ 255	0–100%
8	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
9	Virtual Color Wheel	000 ⇄ 255	See Virtual Color Wheel Chart
10	Color Temperature	000 ⇄ 255	See Color Temperature Chart

7 Ch

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	Amber	000 ⇄ 255	0–100%
6	Lime	000 ⇄ 255	0–100%
7	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast

5 Ch

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

3 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Virtual Color Wheel	000 ⇄ 255	See Virtual Color Wheel Chart
3	Color Temperature	000 ⇄ 255	See Color Temperature Chart

HSV

Channel	Function	Value	Percent/Setting
1	Hue	000 ⇄ 255	0–100%
2	Saturation	000 ⇄ 255	0–100%
3	Value	000 ⇄ 255	0–100%