

DMX CHART

STRIKE Array 4C V1.0.3



Virtual Color Wheel

The STRIKE Array 4C includes a feature called the Virtual Color Wheel (VCW). This feature is available as a standalone control mode and as a control channel in select DMX personalities. More than 30 premixed colors, custom blended by Chauvet engineers, are available to call up for easier programming.

The DMX values used for these colors are provided below. The intensity of the output can be adjusted to more closely replicate industry-standard colors. A chart is available at www.chauvetprofessional.com to compare Chauvet's premixed colors with popular gel colors. This chart is for comparison purposes only and is not an assertion that Chauvet's premixed colors match any of the gel colors listed.

Virtual Color Wheel Chart

DMX Value	Display Readout	Red	Green	Blue	Amber	White
000 ⇔ 005	--	--	--	--	--	--
006 ⇔ 013	C3050-Md Yellow	255	225	000	255	037
014 ⇔ 021	C3040-Lt Yellow	255	177	003	255	037
022 ⇔ 028	C3240-Amb Yellow	255	220	000	255	000
029 ⇔ 035	C2340-VLt Amber	195	000	015	255	057
036 ⇔ 043	C2040-Lt Amber	255	000	011	255	061
044 ⇔ 051	C2050-Md Amber	255	053	000	255	017
052 ⇔ 059	C2060-Dk Amber	255	008	000	255	017
060 ⇔ 067	C1050-Lt Red	255	000	003	014	000
068 ⇔ 075	C1080-Md Red	255	000	002	000	000
076 ⇔ 083	C1020-NC Pink	255	075	062	255	073
084 ⇔ 091	C1030-Md Pink	255	075	057	255	041
092 ⇔ 099	C1630-Dk Pink	218	077	057	255	061
100 ⇔ 107	C1250-Md Red Amber	255	000	009	168	000
108 ⇔ 115	C1060-Dk Red Amber	255	005	009	036	000
116 ⇔ 121	C1650-Magenta	255	003	062	255	012
122 ⇔ 130	C6170-Dk Magenta	255	000	055	000	000
131 ⇔ 138	C6020-Lt Lavender	255	220	093	255	044
139 ⇔ 146	C5030-Lt Blue	000	255	159	112	078
147 ⇔ 154	C5020-VLt Blue	000	215	145	196	065
155 ⇔ 162	C5430-Lt Blue2	000	215	132	52	092
163 ⇔ 170	C5070-Blue	000	195	188	000	019
171 ⇔ 178	C5050-Md Blue	000	163	190	000	068
179 ⇔ 186	C5060-Dk Blue	000	128	193	000	038
187 ⇔ 194	C5690-Indigo	053	009	255	000	000
195 ⇔ 202	C5080-VDk Blue	007	084	116	000	000
203 ⇔ 210	C5081-VDk Blue2	011	082	139	000	000
211 ⇔ 218	C4370-Yel Green	000	255	002	025	000
219 ⇔ 226	C4070-Green	000	255	009	000	175
227 ⇔ 234	C4550-Turquoise	000	255	087	096	255
235 ⇔ 242	C4560-Aqua	000	255	098	044	255
243 ⇔ 250	C4570-Blue Green	000	255	026	008	000
251 ⇔ 255	--	--	--	--	--	--



The colors above are simulated renditions of the color output produced compared with other similar incandescent products. Chauvet makes no guarantee of the color output accuracy.

Color Temperature Chart

DMX Value	Color Temperature	Red	Green	Blue	Amber	White
000 ⇔ 005	No function					
006 ⇔ 025	2800K	253	000	025	255	145
026 ⇔ 050	3000K	251	005	033	255	161
051 ⇔ 075	3200K	245	009	045	255	173
076 ⇔ 100	3500K	230	030	058	255	185
101 ⇔ 125	4000K	210	058	084	255	203
126 ⇔ 150	4500K	174	078	107	255	204
151 ⇔ 175	5000K	163	103	137	255	206
176 ⇔ 200	5600K	162	127	172	255	229
201 ⇔ 225	6000K	158	134	192	241	231
226 ⇔ 250	6500K	152	152	206	225	231
251 ⇔ 255	No function					



The color temperatures above are simulated renditions of the color output produced compared with a tungsten lamp at the specified color temperature. Chauvet makes no guarantee of the color output accuracy.

DMX Channel Assignments and Values

Control Chart

Value	Percent/Setting	Value	Percent/Setting
000 ⇔ 007	No function	096 ⇔ 103	Fan mode auto
008 ⇔ 015	Reset dimmer	104 ⇔ 111	Fan mode on
016 ⇔ 023	Red shift on	112 ⇔ 119	Fan mode off
024 ⇔ 031	Red shift off	120 ⇔ 127	Fan mode silent
032 ⇔ 039	S-curve dimmer	128 ⇔ 135	X-Fade speed off
040 ⇔ 047	Linear dimmer	136 ⇔ 143	X-Fade speed 1
048 ⇔ 055	Square dimmer	144 ⇔ 151	X-Fade speed 2
056 ⇔ 063	Inverse square dimmer	152 ⇔ 159	X-Fade speed 3
064 ⇔ 071	Dimmer mode off	160 ⇔ 167	X-Fade speed 4
072 ⇔ 079	Dimmer mode 1 (fast)	168 ⇔ 243	Reserved for future use
080 ⇔ 087	Dimmer mode 2	244 ⇔ 249	Dimmer mode override (instant engage)
088 ⇔ 095	Dimmer mode 3 (slow)	250 ⇔ 255	Reserved for future use

49 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇔ 255	0–100%
2	Fine dimmer 1	000 ⇔ 255	0–100%
3	Red 1	000 ⇔ 255	0–100%
4	Fine red 1	000 ⇔ 255	0–100%
5	Green 1	000 ⇔ 255	0–100%
6	Fine green 1	000 ⇔ 255	0–100%
7	Blue 1	000 ⇔ 255	0–100%
8	Fine blue 1	000 ⇔ 255	0–100%
9	Amber 1	000 ⇔ 255	0–100%
10	Fine amber 1	000 ⇔ 255	0–100%
11	White 1	000 ⇔ 255	0–100%
12	Fine white 1	000 ⇔ 255	0–100%
13	Dimmer 2	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
14	Fine dimmer 2	000 ⇔ 255	0–100%
15	Red 2	000 ⇔ 255	0–100%
16	Fine red 2	000 ⇔ 255	0–100%
17	Green 2	000 ⇔ 255	0–100%
18	Fine green 2	000 ⇔ 255	0–100%
19	Blue 2	000 ⇔ 255	0–100%
20	Fine blue 2	000 ⇔ 255	0–100%
21	Amber 2	000 ⇔ 255	0–100%
22	Fine amber 2	000 ⇔ 255	0–100%
23	White 2	000 ⇔ 255	0–100%
24	Fine white 2	000 ⇔ 255	0–100%
25	Dimmer 3	000 ⇔ 255	0–100%
26	Fine dimmer 3	000 ⇔ 255	0–100%
27	Red 3	000 ⇔ 255	0–100%
28	Fine red 3	000 ⇔ 255	0–100%
29	Green 3	000 ⇔ 255	0–100%
30	Fine green 3	000 ⇔ 255	0–100%
31	Blue 3	000 ⇔ 255	0–100%
32	Fine blue 3	000 ⇔ 255	0–100%
33	Amber 3	000 ⇔ 255	0–100%
34	Fine amber 3	000 ⇔ 255	0–100%
35	White 3	000 ⇔ 255	0–100%
36	Fine white 3	000 ⇔ 255	0–100%
37	Dimmer 4	000 ⇔ 255	0–100%
38	Fine dimmer 4	000 ⇔ 255	0–100%
39	Red 4	000 ⇔ 255	0–100%
40	Fine red 4	000 ⇔ 255	0–100%
41	Green 4	000 ⇔ 255	0–100%
42	Fine green 4	000 ⇔ 255	0–100%
43	Blue 4	000 ⇔ 255	0–100%
44	Fine blue 4	000 ⇔ 255	0–100%
45	Amber 4	000 ⇔ 255	0–100%
46	Fine amber 4	000 ⇔ 255	0–100%
47	White 4	000 ⇔ 255	0–100%
48	Fine white 4	000 ⇔ 255	0–100%
49	Control	000 ⇔ 255	See the Control Chart

22 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Red 1	000 ⇄ 255	0–100%
3	Green 1	000 ⇄ 255	0–100%
4	Blue 1	000 ⇄ 255	0–100%
5	Amber 1	000 ⇄ 255	0–100%
6	White 1	000 ⇄ 255	0–100%
7	Red 2	000 ⇄ 255	0–100%
8	Green 2	000 ⇄ 255	0–100%
9	Blue 2	000 ⇄ 255	0–100%
10	Amber 2	000 ⇄ 255	0–100%
11	White 2	000 ⇄ 255	0–100%
12	Red 3	000 ⇄ 255	0–100%
13	Green 3	000 ⇄ 255	0–100%
14	Blue 3	000 ⇄ 255	0–100%
15	Amber 3	000 ⇄ 255	0–100%
16	White 3	000 ⇄ 255	0–100%
17	Red 4	000 ⇄ 255	0–100%
18	Green 4	000 ⇄ 255	0–100%
19	Blue 4	000 ⇄ 255	0–100%
20	Amber 4	000 ⇄ 255	0–100%
21	White 4	000 ⇄ 255	0–100%
22	Control	000 ⇄ 255	See the Control Chart

16 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	White	000 ⇄ 255	0–100%
12	Fine white	000 ⇄ 255	0–100%
13	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
14	Virtual Color Wheel	000 ⇄ 255	See the Virtual Color Wheel Chart
15	Color temperature	000 ⇄ 255	See the Color Temperature Chart
16	Control	000 ⇄ 255	See the Control 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	White	000 ⇔ 255	0–100%
12	Fine white	000 ⇔ 255	0–100%
13	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	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	White	000 ⇔ 255	0–100%
7	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
8	Virtual Color Wheel	000 ⇔ 255	See the Virtual Color Wheel Chart
9	Color temperature	000 ⇔ 255	See the Color Temperature Chart
10	Automatic program	000 ⇔ 010	No function
		011 ⇔ 040	Automatic program 1
		041 ⇔ 080	Automatic program 2
		081 ⇔ 120	Automatic program 3
		121 ⇔ 160	Automatic program 4
		161 ⇔ 200	Automatic program 5
		201 ⇔ 255	Automatic program 6
11	Program speed	000 ⇔ 255	Slow to fast
12	Control	000 ⇔ 255	See the Control Chart

10 Ch1

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	Green	000 ⇄ 255	0–100%
5	Blue	000 ⇄ 255	0–100%
6	Amber	000 ⇄ 255	0–100%
7	White	000 ⇄ 255	0–100%
8	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
9	Virtual Color Wheel	000 ⇄ 255	See the Virtual Color Wheel Chart
10	Color temperature	000 ⇄ 255	See the 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	White	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	White	000 ⇄ 255	0–100%

3 Ch

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

1 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100% (color set through display menu)

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4 Ch

Channel	Function	Value	Percent/Setting
1	White 1	000 ⇔ 255	0–100%
2	White 2	000 ⇔ 255	0–100%
3	White 3	000 ⇔ 255	0–100%
4	White 4	000 ⇔ 255	0–100%

10 Ch2

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Fine dimmer	000 ⇔ 255	0–100%
3	Red shift	000	Red shift on
		001 ⇔ 255	Red shift off
4	Strobe	000 ⇔ 010	No function
		011 ⇔ 132	Strobe, slow to fast
		133 ⇔ 255	Random strobe, slow to fast
5	White 1	000 ⇔ 255	0–100%
6	White 2	000 ⇔ 255	0–100%
7	White 3	000 ⇔ 255	0–100%
8	White 4	000 ⇔ 255	0–100%
9	Automatic program	000 ⇔ 010	No function
		011 ⇔ 040	Automatic program 1, slow to fast
		041 ⇔ 080	Automatic program 2, slow to fast
		081 ⇔ 120	Automatic program 3, slow to fast
		121 ⇔ 160	Automatic program 4, slow to fast
		161 ⇔ 200	Automatic program 5, slow to fast
		201 ⇔ 240	Automatic program 6, slow to fast
10	Dimmer speed mode	241 ⇔ 255	No function
		000 ⇔ 051	No function
		053 ⇔ 101	Dimmer mode off
		102 ⇔ 152	Dimmer mode 1 (fast)
		153 ⇔ 203	Dimmer mode 2
		204 ⇔ 255	Dimmer mode 3 (slow)

Hold for 3 seconds,
overrides and
changes menu