

DMX CHART

STRIKE Array 4 FC
V0.231229



Virtual Color Wheel

The STRIKE Array 4 FC 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	088 ⇔ 095	Dimmer mode 3 (slow)
008 ⇔ 015	Reset dimmer	096 ⇔ 103	Fan mode auto
016 ⇔ 023	Red shift on	104 ⇔ 111	Fan mode on
024 ⇔ 031	Red shift off	112 ⇔ 119	Fan mode off
032 ⇔ 039	S-curve dimmer	120 ⇔ 127	Fan mode silent
040 ⇔ 047	Linear dimmer	128 ⇔ 135	X-Fade speed off
048 ⇔ 055	Square dimmer	136 ⇔ 143	X-Fade speed 1
056 ⇔ 063	Inverse square dimmer	144 ⇔ 151	X-Fade speed 2
064 ⇔ 071	Dimmer mode off	152 ⇔ 159	X-Fade speed 3
072 ⇔ 079	Dimmer mode 1 (fast)	160 ⇔ 167	X-Fade speed 4
080 ⇔ 087	Dimmer mode 2	168 ⇔ 255	Reserved for future use

22Ch

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%

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Channel	Function	Value	Percent/Setting
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

16Ch

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

13Ch

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

12Ch

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

10Ch

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	No function
		011 ⇄ 255	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

7Ch

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

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5Ch

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%

3Ch

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%

1Ch

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