

# STRIKE **ARRAY** 2C

DMX Chart



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## TABLE OF CONTENTS

<b>DMX Chart</b> .....	1
Virtual Color Wheel .....	1
Virtual Color Wheel Chart .....	1
Color Temperature Chart .....	2
DMX Channel Assignments and Values .....	2
Control Chart.....	2
25 Ch.....	2
12 Ch2.....	3
16 Ch.....	3
13 Ch.....	4
12 Ch1.....	4
10 Ch.....	4
7 Ch.....	5
5 Ch.....	5
3 Ch.....	5
HSV.....	5
1 Ch.....	5
2 Ch.....	5
8 Ch.....	6
<b>Contact Us</b> .....	7

## Virtual Color Wheel

The STRIKE Array 2C 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](http://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	<b>C3050–Md Yellow</b>	255	225	000	255	037
014 ⇔ 021	<b>C3040–Lt Yellow</b>	255	177	003	255	037
022 ⇔ 028	<b>C3240–Amb Yellow</b>	255	220	000	255	000
029 ⇔ 035	<b>C2340–VLt Amber</b>	195	000	015	255	057
036 ⇔ 043	<b>C2040–Lt Amber</b>	255	000	011	255	061
044 ⇔ 051	<b>C2050–Md Amber</b>	255	053	000	255	017
052 ⇔ 059	<b>C2060–Dk Amber</b>	255	008	000	255	017
060 ⇔ 067	<b>C1050–Lt Red</b>	255	000	003	014	000
068 ⇔ 075	<b>C1080–Md Red</b>	255	000	002	000	000
076 ⇔ 083	<b>C1020–NC Pink</b>	255	075	062	255	073
084 ⇔ 091	<b>C1030–Md Pink</b>	255	075	057	255	041
092 ⇔ 099	<b>C1630–Dk Pink</b>	218	077	057	255	061
100 ⇔ 107	<b>C1250–Md Red Amber</b>	255	000	009	168	000
108 ⇔ 115	<b>C1060–Dk Red Amber</b>	255	005	009	036	000
116 ⇔ 121	<b>C1650–Magenta</b>	255	003	062	255	012
122 ⇔ 130	<b>C6170–Dk Magenta</b>	255	000	055	000	000
131 ⇔ 138	<b>C6020–Lt Lavender</b>	255	220	093	255	044
139 ⇔ 146	<b>C5030–Lt Blue</b>	000	255	159	112	078
147 ⇔ 154	<b>C5020–VLt Blue</b>	000	215	145	196	065
155 ⇔ 162	<b>C5430–Lt Blue2</b>	000	215	132	52	092
163 ⇔ 170	<b>C5070–Blue</b>	000	195	188	000	019
171 ⇔ 178	<b>C5050–Md Blue</b>	000	163	190	000	068
179 ⇔ 186	<b>C5060–Dk Blue</b>	000	128	193	000	038
187 ⇔ 194	<b>C5690–Indigo</b>	053	009	255	000	000
195 ⇔ 202	<b>C5080–VDk Blue</b>	007	084	116	000	000
203 ⇔ 210	<b>C5081–VDk Blue2</b>	011	082	139	000	000
211 ⇔ 218	<b>C4370–Yel Green</b>	000	255	002	025	000
219 ⇔ 226	<b>C4070–Green</b>	000	255	009	000	175
227 ⇔ 234	<b>C4550–Turquoise</b>	000	255	087	096	255
235 ⇔ 242	<b>C4560–Aqua</b>	000	255	098	044	255
243 ⇔ 250	<b>C4570–Blue Green</b>	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

### 25 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%

Channel	Function	Value	Percent/Setting
13	Dimmer 2	000 ⇄ 255	0–100%
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	Control	000 ⇄ 255	See the <a href="#">Control Chart</a>

12 Ch2

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	Control	000 ⇄ 255	See the <a href="#">Control Chart</a>

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 <a href="#">Virtual Color Wheel Chart</a>
15	Color temperature	000 ⇄ 255	See the <a href="#">Color Temperature Chart</a>
16	Control	000 ⇄ 255	See the <a href="#">Control Chart</a>

# DMX CHART



V1.0.3

## 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 Ch1

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 <a href="#">Virtual Color Wheel Chart</a>
9	Color temperature	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
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 <a href="#">Control Chart</a>

## 10 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	Green	000 ⇔ 255	0–100%
5	Blue	000 ⇔ 255	0–100%
6	Amber	000 ⇔ 255	0–100%
7	White	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
8	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
9	Virtual Color Wheel	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
10	Color temperature	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>

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	No function
		011 ⇔ 255	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 <a href="#">Virtual Color Wheel Chart</a>
3	Color temperature	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>

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)

2 Ch

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

# DMX CHART



V1.0.3

## 8 Ch

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	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	
241 ⇔ 255	No function			
8	Dimmer speed mode	000 ⇔ 051	No function	
		053 ⇔ 101	Dimmer mode off	Hold for 3 seconds, overrides and changes menu
		102 ⇔ 152	Dimmer mode 1 (fast)	
		153 ⇔ 203	Dimmer mode 2	
		204 ⇔ 255	Dimmer mode 3 (slow)	

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