

DMX CHART

COLORado Solo Pod E
V1.260317



Virtual Color Wheel

The COLORado Solo Pod E includes a feature called the Virtual Color Wheel (VCW). This feature is available as a standalone control mode for manual use 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 to mix these colors are provided below. The overall intensity of the Ovation fixture can be adjusted to more closely replicate familiar 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	DMX Value	Display Readout
000 ⇔ 005	--	131 ⇔ 138	C6020–Lt Lavender
006 ⇔ 013	C3050–Md Yellow	139 ⇔ 146	C5030–Lt Blue
014 ⇔ 021	C3040–Lt Yellow	147 ⇔ 154	C5020–VLt Blue
022 ⇔ 028	C3240–Amb Yellow	155 ⇔ 162	C5430–Lt Blue2
029 ⇔ 035	C2340–VLt Amber	163 ⇔ 170	C5070–Blue
036 ⇔ 043	C2040–Lt Amber	171 ⇔ 178	C5050–Md Blue
044 ⇔ 051	C2050–Md Amber	179 ⇔ 186	C5060–Dk Blue
052 ⇔ 059	C2060–Dk Amber	187 ⇔ 194	C5690–Indigo
060 ⇔ 067	C1050–Lt Red	195 ⇔ 202	C5080–VDk Blue
068 ⇔ 075	C1080–Md Red	203 ⇔ 210	C5081–VDk Blue2
076 ⇔ 083	C1020–NC Pink	211 ⇔ 218	C4370–Yel Green
084 ⇔ 091	C1030–Md Pink	219 ⇔ 226	C4070–Green
092 ⇔ 099	C1630–Dk Pink	227 ⇔ 234	C4550–Turquoise
100 ⇔ 107	C1250–Md Red Amber	235 ⇔ 242	C4560–Aqua
108 ⇔ 115	C1060–Dk Red Amber	243 ⇔ 250	C4570–Blue Green
116 ⇔ 121	C1650–Magenta	251 ⇔ 255	--
122 ⇔ 130	C6170–Dk Magenta		

 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

Value	Percent/Setting	Value	Percent/Setting	Value	Percent/Setting
000 ⇔ 005	No function	083 ⇔ 089	3900–3999K	167 ⇔ 173	5100–5199K
006 ⇔ 012	2800–2899K	090 ⇔ 096	4000–4099K	174 ⇔ 180	5200–5299K
013 ⇔ 019	2900–2999K	097 ⇔ 103	4100–4199K	181 ⇔ 187	5300–5399K
020 ⇔ 026	3000–3099K	104 ⇔ 110	4200–4299K	188 ⇔ 194	5400–5499K
027 ⇔ 033	3100–3199K	111 ⇔ 117	4300–4399K	195 ⇔ 201	5500–5599K
034 ⇔ 040	3200–3299K	118 ⇔ 124	4400–4499K	202 ⇔ 208	5600–5699K
041 ⇔ 047	3300–3399K	125 ⇔ 131	4500–4599K	209 ⇔ 215	5700–5799K
048 ⇔ 054	3400–3499K	132 ⇔ 138	4600–4699K	216 ⇔ 222	6000–6499K
055 ⇔ 061	3500–3599K	139 ⇔ 145	4700–4799K	223 ⇔ 229	6500–6999K
062 ⇔ 068	3600–3699K	146 ⇔ 152	4800–4899K	230 ⇔ 236	7000–7499K
069 ⇔ 075	3700–3799K	153 ⇔ 159	4900–4999K	237 ⇔ 243	7500–7999K
076 ⇔ 082	3800–3899K	160 ⇔ 166	5000–5099K	244 ⇔ 255	8000K

 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	120 ⇔ 127	Fan mode silent
008 ⇔ 015	Reset dimmer	128 ⇔ 135	Fan TV25
016 ⇔ 023	Red shift on	136 ⇔ 143	X-Fade speed off
024 ⇔ 031	Red shift off	144 ⇔ 151	X-Fade speed 1
032 ⇔ 039	S-curve dimmer	152 ⇔ 159	X-Fade speed 2
040 ⇔ 047	Linear dimmer	160 ⇔ 167	X-Fade speed 3
048 ⇔ 055	Square dimmer	168 ⇔ 172	X-Fade speed 4
056 ⇔ 063	Inverse square dimmer	173 ⇔ 177	PWM frequency 750 Hz
064 ⇔ 071	Dimmer mode off	178 ⇔ 182	PWM frequency 1200 Hz
072 ⇔ 079	Dimmer mode 1 (fast)	183 ⇔ 187	PWM frequency 2000 Hz
080 ⇔ 087	Dimmer mode 2	188 ⇔ 192	PWM frequency 4000 Hz
088 ⇔ 095	Dimmer mode 3 (slow)	193 ⇔ 197	PWM frequency 6000 Hz
096 ⇔ 103	Fan mode auto	198 ⇔ 202	PWM frequency 25000 Hz
104 ⇔ 111	Fan mode on	203 ⇔ 255	Reserved for future use
112 ⇔ 119	Fan mode off		

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	Lime	000 ⇔ 255	0–100%
10	Fine Lime	000 ⇔ 255	0–100%
11	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
12	Color macro	000 ⇔ 255	See the Virtual Color Wheel Chart
13	Color temperature	000 ⇔ 255	See the
14	Hue	000	0
		001 ⇔ 255	-25–25
15	Control	000 ⇔ 255	See the Control Chart
16	Frost	000 ⇔ 255	0–100%

DMX CHART

COLORado Solo Pod E
V1.260317



13 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	Lime	000 ⇔ 255	0–100%
6	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
7	Color macro	000 ⇔ 255	See the Virtual Color Wheel Chart
8	Color temperature	000 ⇔ 255	See the
9	Hue	000	0
		001 ⇔ 255	-25–25
10	Auto programs	011 ⇔ 010	No function
		000 ⇔ 060	Auto program 1
		061 ⇔ 110	Auto program 2
		111 ⇔ 160	Auto program 3
		161 ⇔ 210	Auto program 4
		211 ⇔ 255	Auto program 5 (programs 1-4)
11	Auto speed	000 ⇔ 255	Auto speed, slow to fast
12	Control	000 ⇔ 255	See the Control Chart
13	Frost	000 ⇔ 255	0–100%

12 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	Lime	000 ⇔ 255	0–100%
10	Fine Lime	000 ⇔ 255	0–100%
11	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
12	Frost	000 ⇔ 255	0–100%

11 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	Lime	000 ⇄ 255	0–100%
7	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
8	Color macro	000 ⇄ 255	See the Virtual Color Wheel Chart
9	Color temperature	000 ⇄ 255	See the
10	Hue	000 001 ⇄ 255	0 -25–25
11	Frost	000 ⇄ 255	0–100%

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

5 Ch2

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

5 Ch1

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Color macro	000 ⇄ 255	See the Virtual Color Wheel Chart
3	Color temperature	000 ⇄ 255	See the
4	Hue	000 001 ⇄ 255	0 -25–25
5	Frost	000 ⇄ 255	0–100%

DMX CHART

COLORado Solo Pod E
V1.260317



Hue

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

1Ch

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