

### HSV

Channel	Function	Value	Percent/Setting
1	Hue	000 ⇔ 255	0–100%
2	Saturation	000 ⇔ 255	0–100%
3	Value	000 ⇔ 255	0–100%
4	Gobo rotator	000 ⇔ 127	Index
		128 ⇔ 190	Clockwise rotation, fast to slow
		191 ⇔ 192	Stop
		193 ⇔ 255	Counterclockwise rotation, slow to fast

### 18Ch

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	Red fine	000 ⇔ 255	0–100%
5	Green	000 ⇔ 255	0–100%
6	Green fine	000 ⇔ 255	0–100%
7	Blue	000 ⇔ 255	0–100%
8	Blue fine	000 ⇔ 255	0–100%
9	Amber	000 ⇔ 255	0–100%
10	Amber fine	000 ⇔ 255	0–100%
11	Mint	000 ⇔ 255	0–100%
12	Mint fine	000 ⇔ 255	0–100%
13	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
14	Virtual color wheel	000 ⇔ 255	Refer to <a href="#">Virtual Color Wheel Chart</a>
15	Color temperature	000 ⇔ 255	Refer to <a href="#">Color Temperature DMX Chart</a>
16	Hue	000 ⇔ 000	0
		001 ⇔ 255	-25–25
17	Control (hold for 3 seconds)	000 ⇔ 007	No function
		008 ⇔ 015	Dimmer reset
		016 ⇔ 023	Red shift on
		024 ⇔ 031	Red shift off
		032 ⇔ 039	S-curve dimmer
		040 ⇔ 047	Linear dimmer
		048 ⇔ 055	Square dimmer curve
		056 ⇔ 063	Inverse square dimmer curve
		064 ⇔ 071	Dimmer speed mode OFF
		072 ⇔ 079	Dimmer speed 1 (fastest)
		080 ⇔ 087	Dimmer speed 2
		088 ⇔ 095	Dimmer speed 3 (slowest)
		096 ⇔ 103	Fan auto
		104 ⇔ 111	Fan on
112 ⇔ 119	Fan off		
120 ⇔ 127	Fan silent		
128 ⇔ 255	Reserved for future use		
18	Gobo rotator	000 ⇔ 127	Index
		128 ⇔ 190	Clockwise rotation, fast to slow
		191 ⇔ 192	Stop
		193 ⇔ 255	Counterclockwise rotation, slow to fast

14Ch1

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	Mint	000 ⇄ 255	0–100%
7	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
8	Virtual color wheel	000 ⇄ 255	Refer to <a href="#">Virtual Color Wheel Chart</a>
9	Color temperature	000 ⇄ 255	Refer to <a href="#">Color Temperature DMX Chart</a>
10	Hue	000 ⇄ 000 001 ⇄ 255	0 -25–25
11	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
12	Auto speed	000 ⇄ 255	Auto speed, slow to fast
13	Control (hold for 3 seconds)	000 ⇄ 007 008 ⇄ 015 016 ⇄ 023 024 ⇄ 031 032 ⇄ 039 040 ⇄ 047 048 ⇄ 055 056 ⇄ 063 064 ⇄ 071 072 ⇄ 079 080 ⇄ 087 088 ⇄ 095 096 ⇄ 103 104 ⇄ 111 112 ⇄ 119 120 ⇄ 127 128 ⇄ 255	No function Dimmer reset Red shift on Red shift off S-curve dimmer Linear dimmer Square dimmer curve Inverse square dimmer curve Dimmer speed mode OFF Dimmer speed 1 (fastest) Dimmer speed 2 Dimmer speed 3 (slowest) Fan auto Fan on Fan off Fan silent Reserved for future use
14	Gobo rotator	000 ⇄ 127 128 ⇄ 190 191 ⇄ 192 193 ⇄ 255	Index Clockwise rotation, fast to slow Stop Counterclockwise rotation, slow to fast

### 14Ch2

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	Red fine	000 ⇔ 255	0–100%
5	Green	000 ⇔ 255	0–100%
6	Green fine	000 ⇔ 255	0–100%
7	Blue	000 ⇔ 255	0–100%
8	Blue fine	000 ⇔ 255	0–100%
9	Amber	000 ⇔ 255	0–100%
10	Amber fine	000 ⇔ 255	0–100%
11	Mint	000 ⇔ 255	0–100%
12	Mint fine	000 ⇔ 255	0–100%
13	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
14	Gobo rotator	000 ⇔ 127	Index
		128 ⇔ 190	Clockwise rotation, fast to slow
		191 ⇔ 192	Stop
		193 ⇔ 255	Counterclockwise rotation, slow to fast

### 12Ch

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	Mint	000 ⇔ 255	0–100%
8	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
9	Virtual color wheel	000 ⇔ 255	Refer to <a href="#">Virtual Color Wheel Chart</a>
10	Color temperature	000 ⇔ 255	Refer to <a href="#">Color Temperature DMX Chart</a>
11	Hue	000 ⇔ 000	0
		001 ⇔ 255	-25–25
12	Gobo rotator	000 ⇔ 127	Index
		128 ⇔ 190	Clockwise rotation, fast to slow
		191 ⇔ 192	Stop
		193 ⇔ 255	Counterclockwise rotation, slow to fast

### 8Ch

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	Mint	000 ⇔ 255	0–100%
7	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
8	Gobo rotator	000 ⇔ 127	Index
		128 ⇔ 190	Clockwise rotation, fast to slow
		191 ⇔ 192	Stop
		193 ⇔ 255	Counterclockwise rotation, slow to fast

6Ch

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	Mint	000 ⇄ 255	0–100%
6	Gobo rotator	000 ⇄ 127	Index
		128 ⇄ 190	Clockwise rotation, fast to slow
		191 ⇄ 192	Stop
		193 ⇄ 255	Counterclockwise rotation, slow to fast

5Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Virtual color wheel	000 ⇄ 255	Refer to <a href="#">Virtual Color Wheel Chart</a>
3	Color temperature	000 ⇄ 255	Refer to <a href="#">Color Temperature DMX Chart</a>
4	Hue	000 ⇄ 000	0
		001 ⇄ 255	-25–25
5	Gobo rotator	000 ⇄ 127	Index
		128 ⇄ 190	Clockwise rotation, fast to slow
		191 ⇄ 192	Stop
		193 ⇄ 255	Counterclockwise rotation, slow to fast

1Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%

### Virtual Color Wheel Chart

DMX Channel Value	Display Readout	Red Value	Green Value	Blue Value	Amber Value	Mint Value
000 ⇔ 005	--	--	--	--	--	--
006 ⇔ 013	<b>C3050 - Md Yellow</b>	255	225	0	255	37
014 ⇔ 021	<b>C3040 - Lt Yellow</b>	255	177	3	255	37
022 ⇔ 028	<b>C3240 - Amb Yellow</b>	255	220	0	255	0
029 ⇔ 035	<b>C2340 - VLt Amber</b>	195	0	15	255	57
036 ⇔ 043	<b>C2040 - Lt Amber</b>	255	0	11	255	61
044 ⇔ 051	<b>C2050 - Md Amber</b>	255	53	0	255	17
052 ⇔ 059	<b>C2060 - Dk Amber</b>	255	8	0	255	17
060 ⇔ 067	<b>C1050 - Lt Red</b>	255	0	3	14	0
068 ⇔ 075	<b>C1080 - Md Red</b>	255	0	2	0	0
076 ⇔ 083	<b>C1020 - NC Pink</b>	255	75	62	255	73
084 ⇔ 091	<b>C1030 - Md Pink</b>	255	75	57	255	41
092 ⇔ 099	<b>C1630 - Dk Pink</b>	218	77	57	255	61
100 ⇔ 107	<b>C1250 - Md Red Amber</b>	255	0	9	168	0
108 ⇔ 115	<b>C1060 - Dk Red Amber</b>	255	5	9	36	0
116 ⇔ 121	<b>C1650 - Magenta</b>	255	3	62	255	12
122 ⇔ 130	<b>C6170 - Dk Magenta</b>	255	0	55	0	0
131 ⇔ 138	<b>C6020 - Lt Lavender</b>	255	220	93	255	44
139 ⇔ 146	<b>C5030 - Lt Blue</b>	0	255	159	112	78
147 ⇔ 154	<b>C5020 - VLt Blue</b>	0	215	145	196	65
155 ⇔ 162	<b>C5430 - Lt Blue2</b>	0	215	132	52	92
163 ⇔ 170	<b>C5070 - Blue</b>	0	195	188	0	19
171 ⇔ 178	<b>C5050 - Md Blue</b>	0	163	190	0	68
179 ⇔ 186	<b>C5060 - Dk Blue</b>	0	128	193	0	38
187 ⇔ 194	<b>C5690 - Indigo</b>	53	9	255	0	0
195 ⇔ 202	<b>C5080 - VDk Blue</b>	7	84	116	0	0
203 ⇔ 210	<b>C5081 - VDk Blue2</b>	11	82	139	0	0
211 ⇔ 218	<b>C4370 - Yel Green</b>	0	255	2	25	0
219 ⇔ 226	<b>C4070 - Green</b>	0	255	9	0	175
227 ⇔ 234	<b>C4550 - Turquoise</b>	0	255	87	96	255
235 ⇔ 242	<b>C4560 - Aqua</b>	0	255	98	44	255
243 ⇔ 250	<b>C4570 - Blue Green</b>	0	255	26	8	0
251 ⇔ 255	--	--	--	--	--	--

### Color Temperature DMX Chart

DMX Channel	Color Temperature	DMX Channel	Color Temperature	DMX Channel	Color Temperature
<b>000 ⇔ 005</b>	No function	<b>084 ⇔ 090</b>	3900–4000K	<b>168 ⇔ 174</b>	5100–5200K
<b>006 ⇔ 013</b>	2800–2900K	<b>091 ⇔ 097</b>	4000–4100K	<b>175 ⇔ 181</b>	5200–5300K
<b>014 ⇔ 020</b>	2900–3000K	<b>098 ⇔ 104</b>	4100–4200K	<b>182 ⇔ 188</b>	5300–5400K
<b>021 ⇔ 027</b>	3000–3100K	<b>105 ⇔ 111</b>	4200–4300K	<b>189 ⇔ 195</b>	5400–5500K
<b>028 ⇔ 034</b>	3100–3200K	<b>112 ⇔ 118</b>	4300–4400K	<b>196 ⇔ 202</b>	5500–5600K
<b>035 ⇔ 041</b>	3200–3300K	<b>119 ⇔ 125</b>	4400–4500K	<b>203 ⇔ 209</b>	5600–5700K
<b>042 ⇔ 048</b>	3300–3400K	<b>126 ⇔ 132</b>	4500–4600K	<b>210 ⇔ 216</b>	5700–6000K
<b>049 ⇔ 055</b>	3400–3500K	<b>133 ⇔ 139</b>	4600–4700K	<b>217 ⇔ 223</b>	6000–6500K
<b>056 ⇔ 062</b>	3500–3600K	<b>140 ⇔ 146</b>	4700–4800K	<b>224 ⇔ 230</b>	6500–7000K
<b>063 ⇔ 069</b>	3600–3700K	<b>147 ⇔ 153</b>	4800–4900K	<b>231 ⇔ 237</b>	7000–7500K
<b>070 ⇔ 076</b>	3700–3800K	<b>154 ⇔ 160</b>	4900–5000K	<b>238 ⇔ 244</b>	7500–8000K
<b>077 ⇔ 083</b>	3800–3900K	<b>161 ⇔ 167</b>	5000–5100K	<b>245 ⇔ 255</b>	8000K