

SyncroMITE Channel Mapping

May 4, 2016

DMX	Parameter	Range DMX	Range %	Defaults*	Description
1 2	Pan - High Byte Pan - Low Byte	0 - 65535	0 - 100%	32767	16 bit control for Pan movement of fixture.
3 4	Tilt - High Byte Tilt - Low Byte	0 - 65535	0 - 100%	32767	16 bit control of Tilt movement of fixture.
5	Intensity	0 - 255	0 - 100%	0	8 bit linear dimming control.
6	Zoom	0 - 255	0 - 100%	127	8 bit control of zoom from 4° (DMX 0) to 14° (DMX 255)
7	Color Wheel 1	0 - 255	0 - 100%	0	Linear control of Color Wheel 1 (see details).
8	Command (Utility)	0 - 255	0 - 100%	0	This channel allows for general fixture tools. Set desired value, then access channel 9 to execute command. (See details)
9	Execute (Control)	0 - 255	0 - 100%	0	Used to execute commands from channel 8. Both steps should be sent in order. Step 1 (Arm) = DMX 86 Step 2 (Execute Command) = DMX 171
10	Color Wheel 2	0 - 255	0 - 100%	0	Control of Color Wheel 2
11	Gobo Wheel	0 - 255	0 - 100%	0	Linear control of Gobo Wheel. (see details)
12	Strobe	0 - 255	0 - 100%	0	Controls strobe wheel from slow to fast.
13	Edge	0 - 255	0 - 100%	127	8 bit linear control of edge (focus) functionality.
14	Frost	0 - 255	0 - 100%	0	8 bit linear control of frost.

* Suggested console defaults are denoted in **Blue** type.

SyncroMITE
Color Wheel 1 - DMX Details

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DMX	Parameter	Range DMX	Description
7	Color Wheel 1	0 - 255	Linear control of Color Wheel 1. Bold type indicates center, full color DMX value.
		0 - 10	Open
		11 - 20 - 33	CTO
		34 - 45 - 56	Pink
		57 - 68 - 79	Light Blue
		80 - 93 - 103	Light Yellow
		104 - 116 - 126	Medium Yellow
		127 - 139 - 150	Yellow
		151 - 163 - 173	Amber
		174 - 184 - 197	Orange
		198 - 208 - 220	Light Red
		221 - 232 - 243	Magenta
		244 - 255	Open End



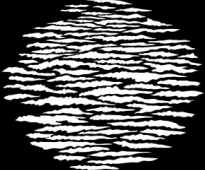
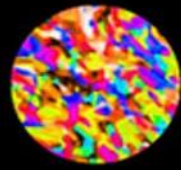



SyncroMITE
Color Wheel 2 - DMX Details

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DMX	Parameter	Range DMX	Description																								
10	Color Wheel 2	0 - 255	<p>Linear control of Color Wheel 2. Bold type indicates center, full color DMX value.</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; text-align: center; vertical-align: top;">0 - 10</td> <td style="vertical-align: top;">Open</td> </tr> <tr> <td style="text-align: center; vertical-align: top;">11 - 20 - 33</td> <td style="vertical-align: top;">No Color Blue</td> </tr> <tr> <td style="text-align: center; vertical-align: top;">34 - 45 - 56</td> <td style="vertical-align: top;">Pink Lavender</td> </tr> <tr> <td style="text-align: center; vertical-align: top;">57 - 68 - 79</td> <td style="vertical-align: top;">Flesh Pink</td> </tr> <tr> <td style="text-align: center; vertical-align: top;">80 - 93 - 103</td> <td style="vertical-align: top;">Light Cyan</td> </tr> <tr> <td style="text-align: center; vertical-align: top;">104 - 116 - 126</td> <td style="vertical-align: top;">Medium Cyan</td> </tr> <tr> <td style="text-align: center; vertical-align: top;">127 - 139 - 150</td> <td style="vertical-align: top;">Cyan</td> </tr> <tr> <td style="text-align: center; vertical-align: top;">151 - 163 - 173</td> <td style="vertical-align: top;">Medium Blue</td> </tr> <tr> <td style="text-align: center; vertical-align: top;">174 - 184 - 197</td> <td style="vertical-align: top;">Blue</td> </tr> <tr> <td style="text-align: center; vertical-align: top;">198 - 208 - 220</td> <td style="vertical-align: top;">Congo</td> </tr> <tr> <td style="text-align: center; vertical-align: top;">221 - 232 - 243</td> <td style="vertical-align: top;">Deep Red</td> </tr> <tr> <td style="text-align: center; vertical-align: top;">244 - 255</td> <td style="vertical-align: top;">Open End</td> </tr> </table>	0 - 10	Open	11 - 20 - 33	No Color Blue	34 - 45 - 56	Pink Lavender	57 - 68 - 79	Flesh Pink	80 - 93 - 103	Light Cyan	104 - 116 - 126	Medium Cyan	127 - 139 - 150	Cyan	151 - 163 - 173	Medium Blue	174 - 184 - 197	Blue	198 - 208 - 220	Congo	221 - 232 - 243	Deep Red	244 - 255	Open End
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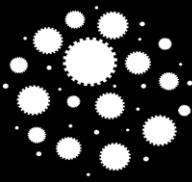



SyncroMITE
Gobo Wheel - DMX Details

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DMX	Parameter	Range DMX	Description
11	Gobo Wheel	0 - 255	Linear control of Gobo Wheel. Bold type indicates center, full gobo DMX value.
		0 - 10	Open
		11 - 18 - 28	Small Aperture
		29 - 37 - 47	Medium Aperture
		48 - 57 - 68	Wind Drifts
		69 - 78 - 88	MultiColor Mixit
		89 - 99 - 109	Layered Boomerangs
		110 - 118 - 128	Triangle
		129 - 138 - 149	Cone

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Gobo Wheel - DMX Details

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		150 - 157 - 170	Gear Galaxy
		171 - 178 - 188	Vertical Bar
		189 - 198 - 210	Cracked Glass
		211 - 219 - 229	Construction
	<pre> 00011110010 00101000010001010 10101010101010100000 01100101000010001010101 100100001000101010101010 11011001010000100010101010 010010000010001010101010101 0101100101000010001010101010 100100000100010101010101010 1011001010000100010101010101 110101010101010001010101010 100011010100010101010101010 010100001111 </pre>	230 - 238 - 248	Binary
		249 - 255	Open End

SyncroMITE
Command Channel - DXM Details

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DMX	Parameter	Range DMX	Range %	Defaults*	Description
8	Command (Utility)	0 - 255	0 - 100%	0	<p>This channel allows for general fixture tools. Set desired value, then access channel 9 to execute command.</p> <p>Default Console Value - Idle = DMX 0</p> <p>Lamp ON = DMX 43</p> <p>Lamp OFF = DMX 85</p> <p>Wake Up = DMX 127</p> <p>Reset Fixture = DMX 169</p> <p>Reset Pan = DMX 170</p> <p>Reset Tilt = DMX 171</p> <p>Reset Douser = DMX 172</p> <p>Reset Optics = DMX 173</p> <p>Reset Color Whl 1 = DMX 174</p> <p>Reset Color Whl 2 = DMX 175</p> <p>Reset Gobo = DMX 176</p> <p>Reset Frost = DMX 178</p> <p>Sleep = DMX 211</p>