4. DMX Channel Functions

When using a DMX controller, use the chart below to reference each channel's function.

CH	5CH	6CH	7CH	12CH	40CH	80CH	160CH
CH1	0-255 red dimming	0-1 closed light 1-255 total dimming	0-1 closed light 1-255 total dimming	0-1 closed light 1-255 total dimming	R-1	R-1	R-1
CH2	0-255 green dimming	0-10 no strobe 11-255 strobe	0-10 no strobe 11-255 strobe	0-10 no strobe 11-255 strobe	G-1	G-1	G-1
CH3	0-255 blue dimming	0-4 none 5-255 RGB color mixing	0-255 red dimming	0-10 cycle color mixing 11-19 red 20-28 green 29-37 blue 38-46 white 47-55 yellow 56-64 red + green 65-73 green + blue 74-82 red + blue 83-91 red + green 92-100 green + blue 101-109 red + yellow 110-118 red + green 119-127 green + blue 128-136 red 137-145 blue + yellow 146-154 yellow + white 155-163 green+white 164-172 green+amber 173-181 red + blue + white 182-190 red + yellow + white 191-199 green + blue + white 200-208 green + blue + yellow 209-217 blue + yellow + white 218-226 red + green + blue + white	B-1	B-1	B-1
				227-235 red + green + blue + white 236-244 green + blue + white + yellow 245-255 red+green+blue+white+ yellow			

CH							
CH4	0-255 white dimming	0-255 dimming	0-255 green dimming	0-16 none 17-33 base color red 34-50 background color green 51-67 background color blue 68-84 background color white 85-101 background color yellow 102-118 base color red + green 119-135 background color green + blue 136-152 base color red + blue 153-169 background color red + green 170-186 background color green + blue 187-203 background color red + yellow 204-220 background color red + green 221-237 background color green + blue 238-254 background color red + blue 255 base color blue + yellow	W-1	W-1	W-1
CH5	0-255 Amber dimming	0-4 none 5-255 color temperature	0-255 blue dimming	0-1 none 2-255 base light	Y-1	Y-1	Y-1
CH6		0-255 color saturation	0-255 white dimming	0-10 none 11-214 effects (60 types, 3 values for one effect)	R-2	R-2	R-2
				215-220 full effect 221-255 voice control			
CH7			0-255 Amber dimming	0-255 effect speed	G-2	G-2	G-2
CH8				0-255 red dimming	B-2	B-2	B-2
CH9				0-255 green dimming	W-2	W-2	W-2
CH10				0-255 blue dimming	Y-3	Y-3	Y-3
CH11				0-255 white dimming	R-3	R-3	R-3
CH12				0-255 yellow dimming	G-3	G-3	G-3

CH							
CH13					B-3	B-3	B-3
CH14					W-3	W-3	W-3
CH15					Y-3	Y-3	Y-3
CH16					R-4	R-4	R-4
CH17					G-4	G-4	G-4
CH18					B-4	B-4	B-4
CH19					W-4	W-4	W-4
CH20					Y-4	Y-4	Y-4
CH21					R-5	R-5	R-5
CH22					G-5	G-5	G-5
CH23					B-5	B-5	B-5
CH24					W-5	W-5	W-5
CH25					Y-5	Y-5	Y-5
CH26					R-6	R-6	R-6
CH27					G-6	G-6	G-6
CH28					B-6	B-6	B-6
CH29					W-6	W-6	W-6
CH30					Y-6	Y-6	Y-6
CH31					R-7	R-7	R-7
CH32					G-7	G-7	G-7
CH33					B-7	B-7	B-7
CH34					W-7	W-7	W-7
CH35					Y-7	Y-7	Y-7
CH36					R-8	R-8	R-8
CH37					G-8	G-8	G-8
CH38					B-8	B-8	B-8
CH39					W-8	W-8	W-8
CH40					Y-8	Y-8	Y-8
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CH156							R-32
CH157							G-32
CH158							B-32
CH159							W-32
CH160							Y-32