

DESIGN LED PAR ZOOM MH	
DMX channel functions and values (13DMX channels):	
<u>Channel 1 - PAN movement 8bit:</u>	
<u>Channel 2 – Pan fine</u>	
<u>Channel 3 - TILT movement 8bit:</u>	
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<u>Channel 4– Tilt fine</u>	
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<u>Channel 5 - Red:</u>	
0-255	Red (0-Black, 255-100% Red)
<u>Channel 6 - Green:</u>	
0-255	Green (0-Black, 255-100% Green)
<u>Channel 7 - Blue:</u>	
0-255	Blue (0-Black, 255- 100% Blue)
<u>Channel 8 - Color Macros:</u>	
0	No function
1-7	Color macro 1
8-15	Color macro 2
16-23	Color macro 3
24-31	Color macro 4
32-39	Color macro 5

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40-47	Color macro 6
48-55	Color macro 7
56-63	Color macro 8
64-71	Color macro 9
72-79	Color macro 10
80-87	Color macro 11
88-95	Color macro 12
96-103	Color macro 13
104-111	Color macro 14
112-119	Color macro 15
120-127	Color macro 16
128-135	Color macro 17
136-143	Color macro 18
144-151	Color macro 19
152-159	Color macro 20
160-167	Color macro 21
168-175	Color macro 22
176-183	Color macro 23
184-191	Color macro 24
192-199	Color macro 25
200-207	Color macro 26
208-215	Color macro 27
216-223	Color macro 28
224-231	Color macro 29
232-239	Color macro 30
240-247	Color macro 31
248-255	Color macro 32

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<u>Channel 9 – Zoom:</u>	
0-255	Continuous adjustment from far to near
<u>Channel 10 - Shutter, strobe:</u>	
0-31	LEDs Off (Shutter Closed)
32-63	LEDs Enabled (Shutter Opened)
64-95	Strobe Effect from Slow to Fast
96-127	LEDs Enabled (Shutter Opened)
128-159	Pulse Effect (in sequences)
160-191	LEDs Enabled (Shutter Opened)
192-223	Random Strobe Effect from Slow to Fast
224-255	LEDs Enabled (Shutter Opened)
<u>Channel 11 – Dimming or Speed Control:</u>	
0-255	Dimming (0-Black, 255- 100%)
	Speed from slow to fast /when running internal programs
	Speed from slow to fast /when running gradient effect
<u>Channel 12 - Speed pan/tilt movement</u>	
0-225	Maximum to Minimum
226-235	Blackout by movement
236-255	No function
<u>Channel 13 – Reset, Internal Programs</u>	
0-19	Normal control
20-79	No function
80-84	Master Reset (all motors)

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85-87	Scan Reset (pan and tilt motors only)
88-99	No function
100-119	Internal program 1
120-139	Internal program 2
140-159	Internal program 3
160-179	Internal program 4
180-199	Internal program 5
200-219	Internal program 6
220-239	Internal program 7
240-255	Gradient effect