

	DMX PROTOCOL CHART MODE 3		
	Address Dipswitch 7 off and 8 On for Mode 3		
Channel	Assignment	Range %	Construct Parameter
1	Pan coarse adjustment		Position
2	Pan fine adjustment		Position
3	Tilt coarse adjustment		Position
4	Tilt fine adjustment		Position
5	Color Wheel Full Speed	Full 98 96 94 93 91 90 88 87 85 83 82 80 79 77 76	Color 1 (open) Half color 1 and 2 Color 2 Half color 2 and 3 Color 3 Half color 3 and 4 Color 4 Half color 4 and 5 Color 5 Half color 5 and 6 Color 6 Half color 6 and 7 Color 7 Half color 7 and 8 Color 8 Half color 8 and 1
	Color Wheel Mspeed	74 73 71 70 68 66 65 63 62 61 59 57 56 54 52 51	Color 1 (open) Half color 1 and 2 Color 2 Half color 2 and 3 Color 3 Half color 3 and 4 Color 4 Half color 4 and 5 Color 5 Half color 5 and 6 Color 6 Half color 6 and 7 Color 7 Half color 7 and 8 Color 8 Half color 8 and 1
	Color Wheel Spin Speed	50 26 25 0 0	Forward spin speed – fastest . . . Forward spin speed – slowest Reverse spin speed – slowest . . . Reverse spin speed – fastest Color 1 (open)

6	Static litho Full Speed	Full 98 96 94 93 91 90 88 87 85 83 82 80 79 77 76	Litho 1 (open) Litho 1 shake wide Litho 2 Litho 2 shake wide Litho 3 Litho 3 shake wide Litho 4 Litho 4 shake wide Litho 5 Litho 5 shake wide Litho 6 Litho 6 shake wide Litho 7 Litho 7 shake wide Litho 8 Litho 8 shake wide
	Static litho Mspeed	74 73 71 70 68 66 65 63 62 61 59 57 56 54 52 51	Litho 1 (open) Litho 1 shake narrow Litho 2 Litho 2 shake narrow Litho 3 Litho 3 shake narrow Litho 4 Litho 4 shake narrow Litho 5 Litho 5 shake narrow Litho 6 Litho 6 shake narrow Litho 7 Litho 7 shake narrow Litho 8 Litho 8 shake narrow
	Static litho Spin Speed	50 26 25 0 0	Forward spin speed – fastest • • • Forward spin speed – slowest Reverse spin speed – slowest • • • Reverse spin speed – fastest Litho 1 (open)
7	Rotating Litho <i>Full Speed</i>	Full 98 95 91 87 83 80 76 72 68 64 61 58 54	Position 3 (open) Reverse rotate 5 Reverse rotate 4 Reverse rotate 2 Reverse rotate 1 Forward rotate 5 Forward rotate 4 Forward rotate 2 Forward rotate 1 Position 5 Position 4 Position 3 (open) Position 2 Position 1
	Mspeed	50 46 42 39 36 32 28 24 20 17 13 10 5 0	Reverse rotate 5 Reverse rotate 4 Reverse rotate 2 Reverse rotate 1 Forward rotate 5 Forward rotate 4 Forward rotate 2 Forward rotate 1 Position 5 Position 4 Position 3 (open) Position 2 Position 1 Position 3 (open)
8	Rotate (use with Channel 7)		For Rotating Litho rotate mode use Ch 8 to set rotation speed For Rotating Litho position mode use Ch 8 to set the index from 0 to 360 degrees

9	Focus		Focus in/out
10	Iris		Iris open/close
11	Effects Wheel Full Speed	Full 96 91 85 80 73 67 62 56	Effect 4 – (open) Effect 8 – cyan color corrector Effect 7 – diffusion Effect 6 – wide angle Effect 5 – magenta color corrector Effect 4 – (open) Effect 3 – yellow color corrector Effect 2 – CMY tri color mosaic Effect 1 – prism
11	Effects Wheel <i>Mspeed</i>	50 44 37 33 27 21 14 8 0	Effect 8 – cyan color corrector Effect 7 – diffusion Effect 6 – wide angle Effect 5 – magenta color corrector Effect 4 – (open) Effect 3 – yellow color corrector Effect 2 – tri color mosaic (C-M-Y) Effect 1 – prism Effect 4 – (open)
12	Shutter <i>Strobe</i> 50 % duty cycle	Full 98 97 1 1 0	Open Closed Strobe speed – fastest • • • Strobe speed – slowest Open Closed
13	Dim		Dim open/close
14	Motor Speed	Full 0	Speed 97 • • • Speed 1 Speed 94
15*	Control		50% fader – shutdown 25% fader – home