

PanaBeam™ XR2

DMX Map
Software Release 3.06
February 1, 2007



DMX Channel	Description	Control	DMX Value @		% Value @		Note
			Min.	Max.	Min.	Max.	
1 2	Pan (Coarse) Pan (Fine)	16 bit Positional	0	65535	0%	100%	Ignored in spin mode
3	Pan Velocity	Position Modes Maximum Speed Slow to Fast Spin Modes Stopped Slow to Fast Reserved	0 1 0 1 201	0 200 0 200 255	0% > 0% 0% > 0% 79%	0% 78% 0% 78% 100%	6° - 240° / second 1 rpm - 40 rpm
4	Pan Mode	Position Modes 360° Normal (Incremental) 360° Shortest Path 360° Longest Path 540° Normal (Incremental) Spin Modes Spin Forward Spin Reverse Reserved	0 5 10 15 20 25 30	4 9 14 19 24 29 255	0% 2% 4% 6% 8% 10% 12%	1% 3% 5% 7% 9% 11% 100%	
5 6	Tilt (Coarse) Tilt (Fine)	16 bit Positional	0	65535	0%	100%	Ignored in spin mode
7	Tilt Velocity	Position Modes Maximum Speed Slow to Fast Spin Modes Stopped Slow to Fast Reserved	0 1 0 1 201	0 200 0 200 255	0% > 0% 0% > 0% 79%	0% 78% 0% 78% 100%	6° - 240° / second 1 rpm - 40 rpm
8	Tilt Mode	Position Modes 360° Normal (Incremental) 360° Shortest Path 360° Longest Path 270° Normal (Incremental) Spin Modes Spin Forward Spin Reverse Reserved	0 5 10 15 20 25 30	4 9 14 19 24 29 255	0% 2% 4% 6% 8% 10% 12%	1% 3% 5% 7% 9% 11% 100%	
9	Cyan	Open - Full	0	255	0%	100%	* Random color period
10	Magenta	Open - Full	0	255	0%	100%	* Random color x-fade
11	Yellow	Open - Full	0	255	0%	100%	* Random color saturation
12	CTO	Open - Full	0	255	0%	100%	
13	Dimmer (Intensity)	Closed - Open	0	255	0%	100%	
14	Strobe	Open Closed Slow to Fast Random Strobe (Fast to Slow) Inverted Strobe (flashes dark) Variable period Strobe Reserved	0 6 10 40 50 80 110	5 9 39 49 79 109 255	0% 3% 4% 16% 20% 32% 44%	1% 3% 15% 19% 30% 42% 100%	0.72hz - 11.1hz 0.090s to 2s (50% cycle) Goes OPEN in this range
15	Effects Wheel 1	Wheel Position Spin Forward Stopped Spin Reverse	0 201 226 231	200 225 230 255	0% 79% 89% 91%	78% 88% 90% 100%	0°-359° (40 DMX increment per window) 60 - 1 rpm cw 1 - 60 rpm ccw
16	Effects Element Rotation 1	Element Position Spin Forward Stopped Spin Reverse	0 201 226 231	200 225 230 255	0% 79% 89% 91%	78% 88% 90% 100%	0°-359° 60 - 1 rpm cw 1 - 60 rpm ccw

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17	Effects Wheel 2	Wheel Position	0	200	0%	78%	0°-359° (40 DMX increment per window) 60 - 1 rpm cw 1 - 60 rpm ccw
		Spin Forward	201	225	79%	88%	
		Stopped	226	230	89%	90%	
		Spin Reverse	231	255	91%	100%	
18	Effects Element Rotation 2	Element Position	0	200	0%	78%	0°-359° 60 - 1 rpm cw 1 - 60 rpm ccw
		Spin Forward	201	225	79%	88%	
		Stopped	226	230	89%	90%	
		Spin Reverse	231	255	91%	100%	
19	Static Effects Wheel	Frost + 2 Static Effects	0	255	0%	100%	
20	Size	Narrow - Wide	0	255	0%	100%	11° - 22°
21	Fixture Control	Normal Operation	0	4	0%	1%	Ch 9 - period (duration) Ch 10 - x-fade rate Ch 11 - color saturation Any recalibrate command closes strobe and dimmer until completion of calibration
		Strike Lamp	5	9	2%	3%	
		Douse Lamp	10	14	4%	5%	
		Lamp Output to 1200 watts	15	19	6%	7%	
		Lamp Output to 600 watts	20	24	8%	9%	
		Display OFF	25	29	10%	11%	
		Display ON	30	34	12%	13%	
		Random Color*	35	39	14%	15%	
		Reserved	40	199	16%	78%	
		Recalibrate - ALL Axes	200	204	79%	80%	
		Recalibrate - Yoke Only	205	209	81%	82%	
		Recalibrate - Color Only	210	214	83%	84%	
		Recalibrate - Beam Only	215	219	85%	86%	
Reserved	220	255	87%	100%			

Additional Notes

1) Cyan/Magenta/Yellow/Dimmer: When going from within 20% of open to within 20% of saturated the wheel will snap backwards via shortest path (very high speed)

2) When tilt is in 360 mode and pointing at the base for >5sec, the dimmer will automatically close to DMX 35. Dimmer returns immediately to console value at any change of tilt position value

For more information please contact:

Morpheus Lights
4350 Caterpillar Road
Redding, CA 96003
USA
(530) 242-0660
(888) MORPHEUS
www.morpheuslights.com