



XR 1400 SPOT DMX CHART

PR-2730

Short Mode	Standard Mode	Extended Mode	Function	Decimal Low	Decimal High
1	1	1	Strobe		
			Close (lamp switches to 1000 watt mode after strobe is closed for 5 seconds)	0	10
			Open	11	25
			Strobe speed from slow to fast	26	225
			Macro(random strobe speed slow to fast)	226	246
			Open	247	255
2	2	2	Dimmer		
			Close	0	0
			Dimming from 0-100%	1	255
	3	3	Dimmer Fine		
			Dimmer in 16 bit	0	255
			CMY Macro		
			The following functions can be used after CMY,CTO, Color Wheel1 and Color Wheel2 channels are disabled		
			No Function	0	7
			Colour Macro 1	8	9
			Colour Macro 2	10	11
			Colour Macro 3	12	13
			Colour Macro 4	14	15
			Colour Macro 5	16	17
			Colour Macro 6	18	19
			Colour Macro 7	20	21
			Colour Macro 8	22	23
			Colour Macro 9	24	25
			Colour Macro 10	26	27
			Colour Macro 11	28	29
			Colour Macro 12	30	31
			Colour Macro 13	32	33
			Colour Macro 14	34	35
			Colour Macro 15	36	37
			Colour Macro 16	38	39
			Colour Macro 17	40	41
			Colour Macro 18	42	43
			Colour Macro 19	44	45
			Colour Macro 20	46	47
			Colour Macro 21	48	49
			Colour Macro 22	50	51
			Colour Macro 23	52	53
			Colour Macro 24	54	55
			Colour Macro 25	56	57
			Colour Macro 26	58	59
			Colour Macro 27	60	61
			Colour Macro 28	62	63
			Colour Macro 29	64	65
Colour Macro 30	66	67			

LEE colour swatches		
LEE 4 (Medium Bastard Amber)	68	69
LEE 10 (Medium Yellow)	70	71
LEE 19 (Fire)	72	73
LEE 26 (Bright Red)	74	75
LEE 58 (Lavender)	76	77
LEE 68 (Sky Blue)	78	79
LEE 71 (Tokyo Blue)	80	81
LEE 79 (Just Blue)	82	83
LEE 88 (Lime Green)	84	85
LEE 90 (Dark Yellow Green)	86	87
LEE 100 (Spring Yellow)	88	89
LEE 101 (Yellow)	90	91
LEE 102 (Light Amber)	92	93
LEE 103 (Straw)	94	95
LEE 104 (Deep Amber)	96	97
LEE 105 (Orange)	98	99
LEE 106 (Primary Red)	100	101
LEE 111 (Dark Pink)	102	103
LEE 115 (Peacock Blue)	104	105
LEE 116 (Medium Blue-Green)	106	107
LEE 117 (Steel Blue)	108	109
LEE 118 (Light Blue)	110	111
LEE 119 (Dark Blue)	112	113
LEE 120 (Deep Blue)	114	115
LEE 121 (LEE Green)	116	117
LEE 128 (Bright Pink)	118	119
LEE 131 (Marine Blue)	120	121
LEE 132 (Medium Blue)	122	123
LEE 134 (Golden Amber)	124	125
LEE 135 (Deep Golden Amber)	126	127
LEE 136 (Pale Lavender)	128	129
LEE 137 (Special Lavender)	130	131
LEE 138 (Pale Green)	132	133
LEE 139 (Primary Green)	134	135
LEE 141 (Bright Blue)	136	137
LEE 147 (Apricot)	138	139
LEE 148 (Bright Rose)	140	141
LEE 152 (Pale Gold)	142	143
LEE 154 (Pale Rose)	144	145
LEE 157 (Pink)	146	147
LEE 158 (Deep Orange)	148	149
LEE 162 (Bastard Amber)	150	151
LEE 164 (Flame Red)	152	153
LEE 165 (Daylight Blue)	154	155
LEE 169 (Lilac Tint)	156	157
LEE 170 (Deep Lavender)	158	159
LEE 172 (Lagoon Blue)	160	161
LEE 179 (Chrome Orange)	162	163
LEE 180 (Dark Lavender)	164	165
LEE 181 (Congo Blue)	166	167
LEE 197 (Alice Blue)	168	169
LEE 201 (Full C.T. Blue)	170	171
LEE 202 (Half C.T. Blue)	172	173
LEE 203 (Quarter C.T. Blue)	174	175

			LEE 204 (Full C.T. Orange)	176	177
			LEE 205 (Half C.T. Orange)	178	179
			LEE 206 (Quarter C.T. Orange)	180	181
			LEE 247 (LEE Minus Green)	182	183
			LEE 248 (Half Minus Green)	184	185
			LEE 281 (Three Quarter C.T. Blue)	186	187
			LEE 285 (Three Quarter C.T. Orange)	188	189
			LEE 352 (Glacier Blue)	190	191
			LEE 353 (Lighter Blue)	192	193
			LEE 715 (Cabana Blue)	194	195
			LEE 778 (Millennium Gold)	196	197
			LEE 793 (Vanity Fair)	198	199
			CMY colour mixing from slow to fast	200	255
4	5	5	Cyan		
			Cyan (Linear 0-100%)	0	255
		6	Cyan Fine		
			Cyan in 16 Bit precision	0	255
5	6	7	Yellow		
			Yellow (Linear 0-100%)	0	255
		8	Yellow Fine		
			Yellow in 16 Bit precision	0	255
6	7	9	Magenta		
			Magenta (Linear 0-100%)	0	255
		10	Magenta Fine		
			Magenta in 16 Bit precision	0	255
7	8	11	CTO		
			Linear adjust from high to low	0	255
		12	CTO Fine		
			CTO in 16 Bit precision	0	255
8	9	13	Colour Wheel 1		
			Continual positioning		
			Index 0-360°	0	63
			Positioning	64	67
			White/colour 1(Red)	68	71
			Colour 1(Red)	72	75
			Colour 1(Red)/colour 2(Yellow)	76	79
			Colour 2(Yellow)	80	83
			Colour 2(Yellow)/colour 3(Blue)	84	87
			Colour 3(Blue)	88	91
			Colour 3(Blue)/colour 4(Green)	92	95
			Colour 4(Green)	96	99
			Colour 4(Green)/colour 5(Pink)	100	103
			Colour 5(Pink)	104	107
			Colour 5(Pink)/colour 6(Orange)	108	111
			Colour 6(Orange)	112	115
			Colour 6(Orange)/ Colour 7(UV light)	116	119
			Colour 7(UV light)	120	123
			Colour 7(UV light)/white	124	127
			Rainbow rotation speed from slow to fast	128	191
			Rainbow reverse rotation speed from slow to fast	192	255
	10	14	Colour Wheel 1 Fine		
			Colour Continual positioning in 16 Bit precision	0	255
			Colour Wheel 2		
			Continual positioning		

9	11	15	Index 0-360°	0	63
			Positioning		
			White/Colour 1 (Deep Red)	64	67
			Colour 1(Deep Red)	68	71
			Colour 1(Deep Red)/Colour 2(Deep Magenta)	72	75
			Colour 2(Deep Magenta)	76	79
			Colour 2(Deep Magenta)/Colour 3(Light Magenta)	80	83
			Colour 3(Light Magenta)	84	87
			Colour 3(Light Magenta)/Colour 4(Light Yellow)	88	91
			Colour 4(Light Yellow)	92	95
			Colour 4(Light Yellow)/Colour 5(Light Green)	96	99
			Colour 5(Light Green)	100	103
			Colour 5(Light Green)/Colour 6(Deep Cyan)	104	107
			Colour 6(Deep Cyan)	108	111
			Colour 6(Deep Cyan)/ Colour 7(Light Cyan)	112	115
			Colour 7(Light Cyan)	116	119
			Colour 7(Light Cyan)/white	120	123
			White	124	127
			Rainbow rotation speed from slow to fast	128	191
			Rainbow reverse rotation speed from slow to fast	192	255
	12	16	Colour Wheel 2 Fine		
			Colour Continual positioning in 16 Bit precision	0	255
10	13	17	Iris		
			Iris from large to small (0-100%)	0	255
		18	Iris Fine		
			Iris in 16 Bit precision	0	255
11	14	19	Iris Macro		
			Iris macro function is disabled	0	10
			Macro function 1: Iris from large to small change with speed from slow to fast	11	74
			Macro function 2: Iris from small to large change with speed from slow to fast	75	138
			Macro function 3: Iris retractable speed from slow to fast	139	202
			Macro function 4(function1 random)	203	210
			Macro function 5(function2 random)	211	218
			Macro function 6(function3 random)	219	226
			Full-open	227	255
12	15	20	Rotating Gobo Wheel 1		
			White	0	31
			Gobo 1	32	47
			Gobo 2	48	63
			Gobo 3	64	79
			Gobo 4	80	95
			Gobo 5	96	111
			Gobo 6	112	127
			Rotation speed from slow to fast	128	143
			Reverse rotation from slow to fast	144	159
			Gobo 1 shake speed from slow to fast	160	175
			Gobo 2 shake speed from slow to fast	176	191

			Gobo 3 shake speed from slow to fast	192	207
			Gobo 4 shake speed from slow to fast	208	223
			Gobo 5 shake speed from slow to fast	224	239
			Gobo 6 shake speed from slow to fast	240	255
13	16	21	Gobo rotation 1		
			Index 0-360°	0	127
			Stop rotating	128	128
			Rotation speed from slow to fast	129	188
			Stop rotating	189	195
			Reverse rotation speed from slow to fast	196	255
	17	22	Gobo rotation 1 Fine		
Gobo rotation in 16 bit precision			0	255	
14	18	23	Rotating Gobo Wheel 2		
			White	0	31
			Gobo 1	32	47
			Gobo 2	48	63
			Gobo 3	64	79
			Gobo 4	80	95
			Gobo 5	96	111
			Gobo 6	112	127
			Rotation speed from slow to fast	128	143
			Reverse rotation from slow to fast	144	159
			Gobo 1 shake speed from slow to fast	160	175
			Gobo 2 shake speed from slow to fast	176	191
			Gobo 3 shake speed from slow to fast	192	207
			Gobo 4 shake speed from slow to fast	208	223
			Gobo 5 shake speed from slow to fast	224	239
Gobo 6 shake speed from slow to fast	240	255			
15	19	24	Gobo rotation 2		
			Index 0-360°	0	127
			Stop rotating	128	128
			Rotation speed from slow to fast	129	188
			Stop rotating	189	195
			Reverse rotation speed from slow to fast	196	255
	20	25	Gobo rotation 2 Fine		
Gobo rotation in 16 bit precision			0	255	
16	21	26	6 facet circular prism		
			Open	0	16
			Circular prism	17	255
17	22	27	6 facet circular prism1rotation		
			Circular prism index	0	127
			Stop rotating	128	128
			Rotation speed from slow to fast	129	191
			Stop rotating	192	192
			Reverse rotation speed from slow to fast	193	255
18	23	28	6 facet linear prism		
			Open	0	16
			Linear prism	17	255
19	24	29	6 facet linear prism rotation		
			Linear prism index	0	127
			Stop rotating	128	128

			Rotation speed from slow to fast	129	191
			Stop rotating	192	192
			Reverse rotation speed from slow to fast	193	255
20	25	30	Dual Effect Wheel		
			No effect wheel	0	19
			Proportional indexing	20	127
			Ramping from open to full position(max--->min.speed)	128	170
			Ramping from open to half position(max--->min.speed)	171	213
			Ramp. from half position to full position(max--->min.speed)	214	255
21	26	31	Dual Effect Wheel 1 rotation		
			No rotation	0	0
			Forwards rotation from slow to fast	1	127
			No rotation	128	128
			Backwards rotation from slow to fast	129	255
22	27	32	Dual Effect Wheel 2 rotation		
			No rotation	0	0
			Forwards rotation from fast to slow	1	127
			No rotation	128	128
			Backwards rotation from slow to fast	129	255
23	28	33	Light Frost		
			Light Frost from 0% to 100%	0	255
24	29	34	Heavy Frost		
			Heavy Frost from 0% to 100%	0	255
25	30	35	Autofocus		
			While only Iris, Rotating Gobo Wheel 1 and Rotating Gobo Wheel 2 are in use, the projector has automatic focus function at some distance. Use "Autofocus Calibrations" channel (26/31/36) to focus the image. Priority: Gobo Wheel 2>Gobo Wheel 1> IRIS		
			The following function can be realized after the focus channel (27/32/37) is disabled.		
			Autofocus Off	0	15
			Autofocus for 5m	16	75
			Autofocus for 10m	76	135
			Autofocus for 15m	136	195
			Autofocus for 20m	196	255
26	31	36	Autofocus Calibrations		
			focus calibrations up	0	127
			focus calibrations down	128	255
27	32	37	Focus		
			Linearly focusing	0	255
		38	Focus Fine		
			Focus in 16 precision	0	255
28	33	39	Zoom		
			Linearly zooming	0	255
		40	Zoom Fine		
	35	42	Pan Fine		
			Pan movement in 16 bit precision	0	255
30	36	43	Tilt		

			Tilt movement	0	255
	37	44	Tilt fine		
			Tilt movement 16 bit precision	0	255
31	38	45	Pan/Tilt speed , Pan/Tilt time		
			fast Speed Mode	0	1
			Pan &Tilt speed from fast to slow	2	255
			Power/Special functions		
			No function:	0	4
			Reserved	5	19
			1. To activate following functions, stay in DMX value for at least 5 s		
			2. The lamp is allowed to be turned off 5 minutes after the lamp is on. And the lamp is allowed to be turned on 5 minutes after the lamp is off.		
			3. Before the lamp on or lamp off, set "control by DMX"/Lamp Control/Config Settings as ON via control panel.		
			Graphic display on	20	24
			Graphic display off	25	29
			Reserved	30	34
			Lamp power 1200W	35	39
			Lamp power 1400W	40	44
			Reserved	45	89
			Pan/Tilt speed mode	90	94
			Pan/Tilt time mode	95	99
			Reserved	100	129
			Lamp on	130	139
			Pan/Tilt reset	140	149
			Colour system reset	150	159
			Gobo wheels reset	160	169
			Dimmer/Strobe reset	170	179
			Zoom/focus/frost/prism reset	180	189
			Iris/dual effect wheel reset	190	199
			Total reset	200	209
			Reserved	210	229
			Lamp Off	230	239

1. The projector can't be turned on within 1 minute after the lamp-off.
2. Fan error can cause lamp-off.
3. "Speed Mode" means Pan and Tilt will move from Point A to Point B at their respective maximum speeds. "Time Mode" means both Pan and Tilt will arrive at designated point at the same time. It's advised Time Mode be used if the projector runs circles or in oblique lines.

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