

230 I N Beam - DMX Protocol

Revision: A

Valid from firmware version: 1.0

DMX mode			Name	DMX value		DMX percentage		Function	Default DMX Value
Standard (15ch)	Basic (12ch)	Extended (16ch)							
1	1	1	Strobe/Shutter	0	31	0.0%	12.2%	Closed	0(0%)
				32	63	12.5%	24.7%	Open	
				64	127	25.1%	49.8%	Synchronous strobe from slow to fast	
				128	159	50.2%	62.4%	Open	
				160	223	62.7%	87.5%	Random strobe from slow to fast	
				224	255	87.8%	100.0%	Open	
2 3	2 3	2 3	Intensity	0	255	0.0%	100.0%	No light → Full light	0(0%)
				0	65535	0.0%	100.0%	Intensity fade, fine (LSB)	
4	3	4	Color wheel	0	7	0.0%	2.7%	Open	0(0%)
				8	15	3.1%	5.9%	Color 1	
				16	23	6.3%	9.0%	Color 2	
				24	31	9.4%	12.2%	Color 3	
				32	39	12.5%	15.3%	Color 4	
				40	47	15.7%	18.4%	Color 5	
				48	55	18.8%	21.6%	Color 6	
				56	63	22.0%	24.7%	Color 7	
				64	71	25.1%	27.8%	Color 8	
				72	79	28.2%	31.0%	Color 9	
				80	87	31.4%	34.1%	Color 10	
				88	95	34.5%	37.3%	Color 11	
				96	103	37.6%	40.4%	Color 12	
				104	111	40.8%	43.5%	Color 13	
				112	127	43.9%	49.8%	Color 14	
				128	187	50.2%	73.3%	Color1 continous rotation CW from fast to slow	
188	195	73.7%	76.5%	Stop					
196	255	76.9%	100.0%	Color1 continous rotation CCW from slow to fast					
5	4	5	Gobo wheel (static)	0	8	0.0%	3.1%	Open gobo	0(0%)
				9	10	3.5%	3.9%	Gobo 1	
				11	12	4.3%	4.7%	Gobo 2	
				13	14	5.1%	5.5%	Gobo 3	
				15	16	5.9%	6.3%	Gobo 4	
				17	18	6.7%	7.1%	Gobo 5	
				19	20	7.5%	7.8%	Gobo 6	
				21	22	8.2%	8.6%	Gobo 7	
				23	24	9.0%	9.4%	Gobo 8	
				25	26	9.8%	10.2%	Gobo 9	
				27	28	10.6%	11.0%	Gobo 10	
				29	30	11.4%	11.8%	Gobo 11	
				31	32	12.2%	12.5%	Gobo 12	
				33	34	12.9%	13.3%	Gobo 13	
				35	36	13.7%	14.1%	Gobo 14	
				37	38	14.5%	14.9%	Gobo 15	
				39	40	15.3%	15.7%	Gobo 16	
				41	42	16.1%	16.5%	Gobo 17	
				43	47	16.9%	18.4%	Gobo 1 shake	
				48	52	18.8%	20.4%	Gobo 2 shake	
				53	57	20.8%	22.4%	Gobo 3 shake	
				58	62	22.7%	24.3%	Gobo 4 shake	
				63	67	24.7%	26.3%	Gobo 5 shake	
				68	72	26.7%	28.2%	Gobo 6 shake	
				73	77	28.6%	30.2%	Gobo 7 shake	
				78	82	30.6%	32.2%	Gobo 8 shake	
				83	87	32.5%	34.1%	Gobo 9 shake	
				88	92	34.5%	36.1%	Gobo 10 shake	
				93	97	36.5%	38.0%	Gobo 11 shake	
				98	102	38.4%	40.0%	Gobo 12 shake	
				103	107	40.4%	42.0%	Gobo 13 shake	
				108	112	42.4%	43.9%	Gobo 14 shake	
113	117	44.3%	45.9%	Gobo 15 shake					
118	122	46.3%	47.8%	Gobo 16 shake					
123	127	48.2%	49.8%	Gobo 17 shake					
128	187	50.2%	73.3%	Gobo wheel continous rotation CW from slow to fast					
188	195	73.7%	76.5%	Stop					
196	255	76.9%	100.0%	Gobo wheel continous rotation CCW from slow to fast					
6	5 7	6 7	Focus	0	255	0.0%	100.0%	Near → Far	0(0%)
				0	65535	0.0%	100.0%	Focus, fine (LSB)	
7	6	8	Prism1	0	31	0.0%	12.2%	Off	0(0%)
				32	255	12.5%	100.0%	On	
8	7	9	Prism1 rotation	0	127	0.0%	49.8%	Prism indexed	0(0%)
				128	187	50.2%	73.3%	Prism continous rotation CW from slow to fast	
				188	195	73.7%	76.5%	Stop	
				196	255	76.9%	100.0%	Prism continous rotation CCW from slow to fast	
9	8	10	Frost	0	127	0.0%	49.8%	Off	0(0%)
				128	255	50.2%	100.0%	On	
10	9	11	Pan	0	255	0.0%	100.0%	Pan	0(0%)
				0	65535	0.0%	100.0%	Pan, fine (LSB)	
11		12							

12	10	13	Tilt	0	255	0.0%	100.0%	Tilt	46(18.0%)
13		14		0	65535	0.0%	100.0%	Tilt, fine (LSB)	
14	11	15	Scan speed	0	255	0.0%	100.0%	Scan speed from fast to slow	0(0%)
15	12	16	Special controls	0	9	0.0%	3.5%	No function	0(0%)
				10	19	3.9%	7.5%	Open light after 5 seconds	
				20	29	7.8%	11.4%	Close light after 5 seconds	
				30	39	11.8%	15.3%	Color wheel half color switch	
				40	49	15.7%	19.2%	Color wheel random positioning	
				50	59	19.6%	23.1%	Reserved	
				60	69	23.5%	27.1%	Reset all motor after 5 seconds	
				70	79	27.5%	31.0%	Scan motor reset after 5 seconds	
				80	89	31.4%	34.9%	All color motor reset after 5 seconds	
				90	99	35.3%	38.8%	All gobo motor reset after 5 seconds	
				100	109	39.2%	42.7%	All strobe motor reset after 5 seconds	
				110	119	43.1%	46.7%	Other motor reset after 5 seconds	
				120	129	47.1%	50.6%	Built-in program 1	
				130	139	51.0%	54.5%	Built-in program 2	
				140	149	54.9%	58.4%	Built-in program 3	
				150	159	58.8%	62.4%	Built-in program 4	
				160	169	62.7%	66.3%	Built-in program 5	
				170	179	66.7%	70.2%	Built-in program 6	
				180	189	70.6%	74.1%	Built-in program 7	
				190	199	74.5%	78.0%	Built-in program 8	
				200	209	78.4%	82.0%	Built-in program 9	
				210	219	82.4%	85.9%	Built-in program 10	
220	255	86.3%	100.0%	Voice control					