

G-7 BeaSt



DMX protocol

Protocol rev. 1.2

Mode
Standard (22 channels)

Valid from firmware version
1.32

Channel	Name	DMX value	DMX percentage	Description	Info	Default DMX value	Fader type		
1	Shutter (Beam)	0	4	0,0%	1,6%	Closed	8 (3,1%)	Fade	
		5	9	2,0%	3,5%	Open			
		10	54	3,9%	21,2%	Strobe			Fast → Slow
		55	79	21,6%	31,0%	Random Strobe			Slow → Fast
		80	84	31,4%	32,9%	Pulse Up			
		85	89	33,3%	34,9%	Pulse Down			
		90	94	35,3%	36,9%	Pulse Up Down			
		95	139	37,3%	54,5%	Double Strobe			
		140	184	54,9%	72,2%	Triple Strobe			
		185	224	72,5%	87,8%	Reserved			
		225	229	88,2%	89,8%	Fade Wave Up			
		230	234	90,2%	91,8%	Random Pixel			
		235	239	92,2%	93,7%	Wave Up Down			
		240	244	94,1%	95,7%	Wave Up			
		245	249	96,1%	97,6%	Wave Down			
		250	255	98,0%	100,0%	Open			
2	Intensity (Beam)	0	255	0,0%	100,0%	Closed → Open	0 (0%)	Fade	
3	Color Wheel 1	0	9	0,0%	3,5%	Open	0 (0%)	Snap	
		10	19	3,9%	7,5%	Color 1			
		20	29	7,8%	11,4%	Color 2			
		30	39	11,8%	15,3%	Color 3			
		40	49	15,7%	19,2%	Color 4			
		50	59	19,6%	23,1%	Color 5			
		60	69	23,5%	27,1%	Color 6			
		70	79	27,5%	31,0%	Color 7			
		80	89	31,4%	34,9%	Color 8			
		90	99	35,3%	38,8%	Color 9			
		100	100	39,2%	39,2%	Open			
		101	109	39,6%	42,7%	Fade Open → Color 1			
		110	110	43,1%	43,1%	Color 1			
		111	119	43,5%	46,7%	Fade Color 1 → Color 2			
		120	120	47,1%	47,1%	Color 2			
		121	129	47,5%	50,6%	Fade Color 2 → Color 3			
		130	130	51,0%	51,0%	Color 3			
		131	139	51,4%	54,5%	Fade Color 3 → Color 4			
		140	140	54,9%	54,9%	Color 4			
		141	149	55,3%	58,4%	Fade Color 4 → Color 5			
		150	150	58,8%	58,8%	Color 5			
		151	159	59,2%	62,4%	Fade Color 5 → Color 6			
		160	160	62,7%	62,7%	Color 6			
		161	169	63,1%	66,3%	Fade Color 6 → Color 7			
170	170	66,7%	66,7%	Color 7					
171	179	67,1%	70,2%	Fade Color 7 → Color 8					
180	180	70,6%	70,6%	Color 8					
181	189	71,0%	74,1%	Fade Color 8 → Color 9					
190	190	74,5%	74,5%	Color 9					
191	199	74,9%	78,0%	Fade Color 9 → Open					
200	200	78,4%	78,4%	Open					
201	227	78,8%	89,0%	Scroll CCW	Fast → Slow				
228	228	89,4%	89,4%	Stop					
229	255	89,8%	100,0%	Scroll CW	Slow → Fast				
4	Color Wheel 2	0	9	0,0%	3,5%	Open	0 (0%)	Snap	
		10	19	3,9%	7,5%	Color 1			
		20	29	7,8%	11,4%	Color 2			
		30	39	11,8%	15,3%	Color 3			
		40	49	15,7%	19,2%	Color 4			
		50	59	19,6%	23,1%	Color 5			

Channel	Name	DMX value	DMX percentage	Description	Info	Default DMX value	Fader type			
4	Color Wheel 2	70	79	27,5%	31,0%	Color 7	0 (0%)	Snap		
		80	89	31,4%	34,9%	Color 8				
		90	99	35,3%	38,8%	Color 9				
		100	100	39,2%	39,2%	Open				
		101	109	39,6%	42,7%	Fade Open → Color 1				
		110	110	43,1%	43,1%	Color 1				
		111	119	43,5%	46,7%	Fade Color 1 → Color 2				
		120	120	47,1%	47,1%	Color 2				
		121	129	47,5%	50,6%	Fade Color 2 → Color 3				
		130	130	51,0%	51,0%	Color 3				
		131	139	51,4%	54,5%	Fade Color 3 → Color 4				
		140	140	54,9%	54,9%	Color 4				
		141	149	55,3%	58,4%	Fade Color 4 → Color 5				
		150	150	58,8%	58,8%	Color 5				
		151	159	59,2%	62,4%	Fade Color 5 → Color 6				
		160	160	62,7%	62,7%	Color 6				
		161	169	63,1%	66,3%	Fade Color 6 → Color 7				
		170	170	66,7%	66,7%	Color 7				
		171	179	67,1%	70,2%	Fade Color 7 → Color 8				
		180	180	70,6%	70,6%	Color 8				
		181	189	71,0%	74,1%	Fade Color 8 → Color 9				
		190	190	74,5%	74,5%	Color 9				
191	199	74,9%	78,0%	Fade Color 9 → Open						
200	200	78,4%	78,4%	Open						
201	227	78,8%	89,0%	Scroll CCW	Fast → Slow					
228	228	89,4%	89,4%	Stop						
229	255	89,8%	100,0%	Scroll CW	Slow → Fast					
5	Pan	0	65535	0,0%	100,0%	0° → 620°	32767 (50%)	Fade		
6		7	Tilt	0	65535	0,0%			100,0%	0° → 185°
8	9	Rotating Gobo Wheel		0	9	0,0%	3,5%	Open	0 (0%)	Snap
10			19	3,9%	7,5%	Gobo 1				
20			29	7,8%	11,4%	Gobo 2				
30			39	11,8%	15,3%	Gobo 3				
40			49	15,7%	19,2%	Gobo 4				
50			59	19,6%	23,1%	Gobo 5				
60			69	23,5%	27,1%	Gobo 6				
70			79	27,5%	31,0%	Gobo 1 + - Adjust				
80			89	31,4%	34,9%	Gobo 2 + - Adjust				
90			99	35,3%	38,8%	Gobo 3 + - Adjust				
100			109	39,2%	42,7%	Gobo 4 + - Adjust				
110			119	43,1%	46,7%	Gobo 5 + - Adjust				
120			129	47,1%	50,6%	Gobo 6 + - Adjust				
130			139	51,0%	54,5%	Gobo 1 Shake				
140			149	54,9%	58,4%	Gobo 2 Shake				
150			159	58,8%	62,4%	Gobo 3 Shake				
160			169	62,7%	66,3%	Gobo 4 Shake				
170			179	66,7%	70,2%	Gobo 5 Shake				
180			189	70,6%	74,1%	Gobo 6 Shake				
190			199	74,5%	78,0%	Scroll CCW	Fast → Slow			
200			209	78,4%	82,0%	Scroll CW	Slow → Fast			
210			219	82,4%	85,9%	Bounce Gobo 3 → 6	Slow → Fast			
220	255	86,3%	100,0%	Reserved						
10	11	Gobo Index / Rotation	0	511	0,0%	0,8%	No Index	0 (0%)	Fade	
			512	49151	0,8%	75,0%	Index 0° → 620°			
			49152	57087	75,0%	87,1%	Rotation CCW			Fast → Slow
			57088	57599	87,1%	87,9%	Stop			
57600	65535	87,9%	100,0%	Rotation CW	Slow → Fast					
12	Collimation	0	255	0,0%	100,0%	Narrow → Wide	0 (0%)	Fade		
13	Function	0	9	0,0%	3,5%	No function	Hold 3 seconds	0 (0%)	Snap	
		10	19	3,9%	7,5%	Full Reset				
		20	29	7,8%	11,4%	Pan/Tilt Reset				
		30	39	11,8%	15,3%	Collimator Reset				
		40	49	15,7%	19,2%	Gobo Wheel Reset				

Channel	Name	DMX value	DMX percentage	Description	Info	Default DMX value	Fader type		
13	Function	60	69	23,5%	27,1%	N/A	Hold 3 seconds	0 (0%)	Snap
		70	79	27,5%	31,0%	Color Wheel 1 Reset			
		80	89	31,4%	34,9%	Color Wheel 2 Reset			
		90	99	35,3%	38,8%	N/A			
		100	109	39,2%	42,7%	Fan Standard			
		110	119	43,1%	46,7%	Fan Silent			
		120	129	47,1%	50,6%	Fan Max			
		130	139	51,0%	54,5%	Fan Full Power			
14	Macros	140	255	54,9%	100,0%	Reserved	0 (0%)	Snap	
		0	4	0,0%	1,6%	No Macro			
		5	9	2,0%	3,5%	Macro 1			
		10	14	3,9%	5,5%	Macro 2			
		15	19	5,9%	7,5%	Macro 3			
		20	24	7,8%	9,4%	Macro 4			
		25	29	9,8%	11,4%	Macro 5			
30	255	11,8%	100,0%	Reserved					
15	Intensity (Strobe)	0	255	0,0%	100,0%	Closed → Open	0 (0%)	Fade	
16	Duration (Strobe)	0	255	0,0%	100,0%	Short → Long	0 (0%)	Fade	
17	Rate (Strobe)	0	255	0,0%	100,0%	Slow → Fast	0 (0%)	Fade	
18	Effect (Strobe)	0	9	0,0%	3,5%	No Effect	0 (0%)	Snap	
		10	19	3,9%	7,5%	Random Pixels			
		20	29	7,8%	11,4%	Strobe turn off Beam			
		30	39	11,8%	15,3%	Random Strobe			
		40	49	15,7%	19,2%	Random Strobe turn off Beam			
		50	59	19,6%	23,1%	Strobe Flicker			
		60	69	23,5%	27,1%	Strobe Lightning			
		70	79	27,5%	31,0%	Spikes			
		80	89	31,4%	34,9%	Random Blind			
		90	99	35,3%	38,8%	Halogen Decay			
		100	109	39,2%	42,7%	Halogen Attack and Decay			
		110	119	43,1%	46,7%	Halogen Attack			
		120	129	47,1%	50,6%	Random Pixel Pulse			
		130	139	51,0%	54,5%	Random Intensity Strobe			
		140	149	54,9%	58,4%	Spinning Pixel CCW			
		150	159	58,8%	62,4%	Spinning Pixel CW			
		160	169	62,7%	66,3%	Spinning Pixel CCW Decay			
		170	179	66,7%	70,2%	Spinning Pixel CW Decay			
		180	189	70,6%	74,1%	Spinning Pixel CCW Attack Decay			
		190	199	74,5%	78,0%	Spinning Pixel CW Attack Decay			
200	209	78,4%	82,0%	Spinning Pixel CCW Attack					
210	219	82,4%	85,9%	Spinning Pixel CW Attack					
220	235	86,3%	92,2%	Control Individual Pixels (See Pixel Chart)					
236	249	92,5%	97,6%	Reserved					
250	255	98,0%	100,0%	No Effect					
19	Strobe Pixel 1	0	255	0,0%	100,0%	Closed → Open	255 (100%)	Fade	
20	Strobe Pixel 2	0	255	0,0%	100,0%	Closed → Open	255 (100%)	Fade	
21	Strobe Pixel 3	0	255	0,0%	100,0%	Closed → Open	255 (100%)	Fade	
22	Strobe Pixel 4	0	255	0,0%	100,0%	Closed → Open	255 (100%)	Fade	

Mode
Extended (29 channels)

Channel	Name	DMX value	DMX percentage	Description	Info	Default DMX value	Fader type		
1	Shutter (Beam)	0	4	0,0%	1,6%	Closed	8 (3,1%)	Fade	
		5	9	2,0%	3,5%	Open			
		10	54	3,9%	21,2%	Strobe			Fast → Slow
		55	79	21,6%	31,0%	Random Strobe			Slow → Fast
		80	84	31,4%	32,9%	Pulse Up			
		85	89	33,3%	34,9%	Pulse Down			
		90	94	35,3%	36,9%	Pulse Up Down			
		95	139	37,3%	54,5%	Double Strobe			
		140	184	54,9%	72,2%	Triple Strobe			
		185	224	72,5%	87,8%	Reserved			
		225	229	88,2%	89,8%	Fade Wave Up			
		230	234	90,2%	91,8%	Random Pixel			
		235	239	92,2%	93,7%	Wave Up Down			
		240	244	94,1%	95,7%	Wave Up			
245	249	96,1%	97,6%	Wave Down					
250	255	98,0%	100,0%	Open					
2	Intensity (Beam)	0	65535	0,0%	100,0%	Closed → Open	0 (0%)	Fade	
3									
4	Color Wheel 1	0	9	0,0%	3,5%	Open	0 (0%)	Snap	
		10	19	3,9%	7,5%	Color 1			
		20	29	7,8%	11,4%	Color 2			
		30	39	11,8%	15,3%	Color 3			
		40	49	15,7%	19,2%	Color 4			
		50	59	19,6%	23,1%	Color 5			
		60	69	23,5%	27,1%	Color 6			
		70	79	27,5%	31,0%	Color 7			
		80	89	31,4%	34,9%	Color 8			
		90	99	35,3%	38,8%	Color 9			
		100	100	39,2%	39,2%	Open			
		101	109	39,6%	42,7%	Fade Open → Color 1			
		110	110	43,1%	43,1%	Color 1			
		111	119	43,5%	46,7%	Fade Color 1 → Color 2			
		120	120	47,1%	47,1%	Color 2			
		121	129	47,5%	50,6%	Fade Color 2 → Color 3			
		130	130	51,0%	51,0%	Color 3			
		131	139	51,4%	54,5%	Fade Color 3 → Color 4			
		140	140	54,9%	54,9%	Color 4			
		141	149	55,3%	58,4%	Fade Color 4 → Color 5			
		150	150	58,8%	58,8%	Color 5			
		151	159	59,2%	62,4%	Fade Color 5 → Color 6			
		160	160	62,7%	62,7%	Color 6			
		161	169	63,1%	66,3%	Fade Color 6 → Color 7			
		170	170	66,7%	66,7%	Color 7			
		171	179	67,1%	70,2%	Fade Color 7 → Color 8			
		180	180	70,6%	70,6%	Color 8			
		181	189	71,0%	74,1%	Fade Color 8 → Color 9			
190	190	74,5%	74,5%	Color 9					
191	199	74,9%	78,0%	Fade Color 9 → Open					
200	200	78,4%	78,4%	Open					
201	227	78,8%	89,0%	Scroll CCW	Fast → Slow				
228	228	89,4%	89,4%	Stop					
229	255	89,8%	100,0%	Scroll CW	Slow → Fast				
5	Color Wheel 2	0	9	0,0%	3,5%	Open	0 (0%)	Snap	
		10	19	3,9%	7,5%	Color 1			
		20	29	7,8%	11,4%	Color 2			
		30	39	11,8%	15,3%	Color 3			
		40	49	15,7%	19,2%	Color 4			
		50	59	19,6%	23,1%	Color 5			

Channel	Name	DMX value	DMX percentage	Description	Info	Default DMX value	Fader type			
5	Color Wheel 2	70	79	27,5%	31,0%	Color 7		0 (0%)	Snap	
		80	89	31,4%	34,9%	Color 8				
		90	99	35,3%	38,8%	Color 9				
		100	100	39,2%	39,2%	Open				
		101	109	39,6%	42,7%	Fade Open → Color 1				
		110	110	43,1%	43,1%	Color 1				
		111	119	43,5%	46,7%	Fade Color 1 → Color 2				
		120	120	47,1%	47,1%	Color 2				
		121	129	47,5%	50,6%	Fade Color 2 → Color 3				
		130	130	51,0%	51,0%	Color 3				
		131	139	51,4%	54,5%	Fade Color 3 → Color 4				
		140	140	54,9%	54,9%	Color 4				
		141	149	55,3%	58,4%	Fade Color 4 → Color 5				
		150	150	58,8%	58,8%	Color 5				
		151	159	59,2%	62,4%	Fade Color 5 → Color 6				
		160	160	62,7%	62,7%	Color 6				
		161	169	63,1%	66,3%	Fade Color 6 → Color 7				
		170	170	66,7%	66,7%	Color 7				
		171	179	67,1%	70,2%	Fade Color 7 → Color 8				
		180	180	70,6%	70,6%	Color 8				
		181	189	71,0%	74,1%	Fade Color 8 → Color 9				
		190	190	74,5%	74,5%	Color 9				
191	199	74,9%	78,0%	Fade Color 9 → Open						
200	200	78,4%	78,4%	Open						
201	227	78,8%	89,0%	Scroll CCW	Fast → Slow					
228	228	89,4%	89,4%	Stop						
229	255	89,8%	100,0%	Scroll CW	Slow → Fast					
6	Pan	0	65535	0,0%	100,0%	0° → 620°		32767 (50%)	Fade	
7		8	Tilt	0	65535	0,0%	100,0%	0° → 185°		32767 (50%)
9	Rotating Gobo Wheel	0		9	0,0%	3,5%	Open		0 (0%)	Snap
10		10	19	3,9%	7,5%	Gobo 1				
		20	29	7,8%	11,4%	Gobo 2				
		30	39	11,8%	15,3%	Gobo 3				
		40	49	15,7%	19,2%	Gobo 4				
		50	59	19,6%	23,1%	Gobo 5				
		60	69	23,5%	27,1%	Gobo 6				
		70	79	27,5%	31,0%	Gobo 1 + - Adjust				
		80	89	31,4%	34,9%	Gobo 2 + - Adjust				
		90	99	35,3%	38,8%	Gobo 3 + - Adjust				
		100	109	39,2%	42,7%	Gobo 4 + - Adjust				
		110	119	43,1%	46,7%	Gobo 5 + - Adjust				
		120	129	47,1%	50,6%	Gobo 6 + - Adjust				
		130	139	51,0%	54,5%	Gobo 1 Shake				
		140	149	54,9%	58,4%	Gobo 2 Shake				
		150	159	58,8%	62,4%	Gobo 3 Shake				
		160	169	62,7%	66,3%	Gobo 4 Shake				
		170	179	66,7%	70,2%	Gobo 5 Shake				
		180	189	70,6%	74,1%	Gobo 6 Shake				
		190	199	74,5%	78,0%	Gobo Wheel Scroll CW	Fast → Slow			
		200	209	78,4%	82,0%	Gobo Wheel Scroll CCW	Slow → Fast			
		210	219	82,4%	85,9%	Bounce Gobo 3 → 6	Slow → Fast			
	220	255	86,3%	100,0%	Reserved					
11	Gobo Index / Rotation	0	511	0,0%	0,8%	No Index		0 (0%)	Fade	
		512	49151	0,8%	75,0%	Index 0° → 620°				
		49152	57087	75,0%	87,1%	Rotation CCW	Fast → Slow			
		57088	57599	87,1%	87,9%	Stop				
57600	65535	87,9%	100,0%	Rotation CW	Slow → Fast					
13	Collimation	0	65535	0,0%	100,0%	Narrow → Wide		0 (0%)	Fade	
14		Function	0	9	0,0%	3,5%	No function	Hold 3 seconds	0 (0%)	Snap
15	10		19	3,9%	7,5%	Full Reset				
	20		29	7,8%	11,4%	Pan/Tilt Reset				
	30		39	11,8%	15,3%	Collimator Reset				
	40		49	15,7%	19,2%	Gobo Wheel Reset				

Channel	Name	DMX value	DMX percentage	Description	Info	Default DMX value	Fader type		
15	Function	60	69	23,5%	27,1%	N/A	Hold 3 seconds	0 (0%)	Snap
		70	79	27,5%	31,0%	Color Wheel 1 Reset			
		80	89	31,4%	34,9%	Color Wheel 2 Reset			
		90	99	35,3%	38,8%	N/A			
		100	109	39,2%	42,7%	Fan Standard			
		110	119	43,1%	46,7%	Fan Silent			
		120	129	47,1%	50,6%	Fan Max			
		130	139	51,0%	54,5%	Fan Full Power			
16	Macros	140	255	54,9%	100,0%	Reserved	0 (0%)	Snap	
		0	4	0,0%	1,6%	No Macro			
		5	9	2,0%	3,5%	Macro 1			
		10	14	3,9%	5,5%	Macro 2			
		15	19	5,9%	7,5%	Macro 3			
		20	24	7,8%	9,4%	Macro 4			
		25	29	9,8%	11,4%	Macro 5			
30	255	11,8%	100,0%	Reserved					
17	Intensity (Strobe)	0	65535	0,0%	100,0%	Closed → Open	0 (0%)	Fade	
18	Duration (Strobe)	0	255	0,0%	100,0%	Short → Long	0 (0%)	Fade	
19	Rate (Strobe)	0	255	0,0%	100,0%	Slow → Fast	0 (0%)	Fade	
21	Effect (Strobe)	0	9	0,0%	3,5%	No Effect	0 (0%)	Snap	
		10	19	3,9%	7,5%	Random Pixels			
		20	29	7,8%	11,4%	Strobe turn off Beam			
		30	39	11,8%	15,3%	Random Strobe			
		40	49	15,7%	19,2%	Random Strobe turn off Beam			
		50	59	19,6%	23,1%	Strobe Flicker			
		60	69	23,5%	27,1%	Strobe Lightning			
		70	79	27,5%	31,0%	Spikes			
		80	89	31,4%	34,9%	Random Blind			
		90	99	35,3%	38,8%	Halogen Decay			
		100	109	39,2%	42,7%	Halogen Attack and Decay			
		110	119	43,1%	46,7%	Halogen Attack			
		120	129	47,1%	50,6%	Random Pixel Pulse			
		130	139	51,0%	54,5%	Random Intensity Strobe			
		140	149	54,9%	58,4%	Spinning Pixel CCW			
		150	159	58,8%	62,4%	Spinning Pixel CW			
		160	169	62,7%	66,3%	Spinning Pixel CCW Decay			
		170	179	66,7%	70,2%	Spinning Pixel CW Decay			
		180	189	70,6%	74,1%	Spinning Pixel CCW Attack Decay			
		190	199	74,5%	78,0%	Spinning Pixel CW Attack Decay			
200	209	78,4%	82,0%	Spinning Pixel CCW Attack					
210	219	82,4%	85,9%	Spinning Pixel CW Attack					
220	235	86,3%	92,2%	Control Individual Pixels (See Pixel Chart)					
236	249	92,5%	97,6%	Reserved					
250	255	98,0%	100,0%	No Effect					
22	Strobe Pixel 1	0	65535	0,0%	100,0%	Closed → Open	65535 (100%)	Fade	
23	Strobe Pixel 2	0	65535	0,0%	100,0%	Closed → Open	65535 (100%)	Fade	
24	Strobe Pixel 3	0	65535	0,0%	100,0%	Closed → Open	65535 (100%)	Fade	
25	Strobe Pixel 4	0	65535	0,0%	100,0%	Closed → Open	65535 (100%)	Fade	
26	Strobe Pixel 1	0	65535	0,0%	100,0%	Closed → Open	65535 (100%)	Fade	
27	Strobe Pixel 2	0	65535	0,0%	100,0%	Closed → Open	65535 (100%)	Fade	
28	Strobe Pixel 3	0	65535	0,0%	100,0%	Closed → Open	65535 (100%)	Fade	
29	Strobe Pixel 4	0	65535	0,0%	100,0%	Closed → Open	65535 (100%)	Fade	

Mode
Extended+ (35 channels)

Channel	Name	DMX value	DMX percentage	Description	Info	Default DMX value	Fader type		
1	Shutter (Beam)	0	4	0,0%	1,6%	Closed	8 (3,1%)	Fade	
		5	9	2,0%	3,5%	Open			
		10	54	3,9%	21,2%	Strobe			Fast → Slow
		55	79	21,6%	31,0%	Random Strobe			Slow → Fast
		80	84	31,4%	32,9%	Pulse Up			
		85	89	33,3%	34,9%	Pulse Down			
		90	94	35,3%	36,9%	Pulse Up Down			
		95	139	37,3%	54,5%	Double Strobe			
		140	184	54,9%	72,2%	Triple Strobe			
		185	224	72,5%	87,8%	Reserved			
		225	229	88,2%	89,8%	Fade Wave Up			
		230	234	90,2%	91,8%	Random Pixel			
		235	239	92,2%	93,7%	Wave Up Down			
		240	244	94,1%	95,7%	Wave Up			
245	249	96,1%	97,6%	Wave Down					
250	255	98,0%	100,0%	Open					
2	Intensity (Beam)	0	65535	0,0%	100,0%	Closed → Open	0 (100%)	Fade	
3		Beam Pixel 1	0	65535	0,0%	100,0%	Closed → Open	65535 (100%)	Fade
4			Beam Pixel 2	0	65535	0,0%	100,0%	Closed → Open	65535 (100%)
5	Beam Pixel 3	0		65535	0,0%	100,0%	Closed → Open	65535 (100%)	Fade
6		Color Wheel 1	0	9	0,0%	3,5%	Open	0 (0%)	Snap
7	10		19	3,9%	7,5%	Color 1			
8	20		29	7,8%	11,4%	Color 2			
9	30		39	11,8%	15,3%	Color 3			
10	40		49	15,7%	19,2%	Color 4			
11	50		59	19,6%	23,1%	Color 5			
12	60		69	23,5%	27,1%	Color 6			
13	70		79	27,5%	31,0%	Color 7			
14	80		89	31,4%	34,9%	Color 8			
15	90		99	35,3%	38,8%	Color 9			
16	100		100	39,2%	39,2%	Open			
17	101		109	39,6%	42,7%	Fade Open → Color 1			
18	110		110	43,1%	43,1%	Color 1			
19	111		119	43,5%	46,7%	Fade Color 1 → Color 2			
20	120		120	47,1%	47,1%	Color 2			
21	121		129	47,5%	50,6%	Fade Color 2 → Color 3			
22	130		130	51,0%	51,0%	Color 3			
23	131		139	51,4%	54,5%	Fade Color 3 → Color 4			
24	140		140	54,9%	54,9%	Color 4			
25	141		149	55,3%	58,4%	Fade Color 4 → Color 5			
26	150		150	58,8%	58,8%	Color 5			
27	151		159	59,2%	62,4%	Fade Color 5 → Color 6			
28	160		160	62,7%	62,7%	Color 6			
29	161		169	63,1%	66,3%	Fade Color 6 → Color 7			
30	170		170	66,7%	66,7%	Color 7			
31	171		179	67,1%	70,2%	Fade Color 7 → Color 8			
32	180		180	70,6%	70,6%	Color 8			
33	181		189	71,0%	74,1%	Fade Color 8 → Color 9			
34	190		190	74,5%	74,5%	Color 9			
35	191		199	74,9%	78,0%	Fade Color 9 → Open			
36	200	200	78,4%	78,4%	Open				
37	201	227	78,8%	89,0%	Scroll CCW	Fast → Slow			
38	228	228	89,4%	89,4%	Stop				
39	229	255	89,8%	100,0%	Scroll CW	Slow → Fast			
11	Color Wheel 2	0	9	0,0%	3,5%	Open	0 (0%)	Snap	
		10	19	3,9%	7,5%	Color 1			
		20	29	7,8%	11,4%	Color 2			
		30	39	11,8%	15,3%	Color 3			
		40	49	15,7%	19,2%	Color 4			
		50	59	19,6%	23,1%	Color 5			

Channel	Name	DMX value	DMX percentage	Description	Info	Default DMX value	Fader type		
11	Color Wheel 2	70	79	27,5%	31,0%	Color 7	0 (0%)	Snap	
		80	89	31,4%	34,9%	Color 8			
		90	99	35,3%	38,8%	Color 9			
		100	100	39,2%	39,2%	Open			
		101	109	39,6%	42,7%	Fade Open → Color 1			
		110	110	43,1%	43,1%	Color 1			
		111	119	43,5%	46,7%	Fade Color 1 → Color 2			
		120	120	47,1%	47,1%	Color 2			
		121	129	47,5%	50,6%	Fade Color 2 → Color 3			
		130	130	51,0%	51,0%	Color 3			
		131	139	51,4%	54,5%	Fade Color 3 → Color 4			
		140	140	54,9%	54,9%	Color 4			
		141	149	55,3%	58,4%	Fade Color 4 → Color 5			
		150	150	58,8%	58,8%	Color 5			
		151	159	59,2%	62,4%	Fade Color 5 → Color 6			
		160	160	62,7%	62,7%	Color 6			
		161	169	63,1%	66,3%	Fade Color 6 → Color 7			
		170	170	66,7%	66,7%	Color 7			
		171	179	67,1%	70,2%	Fade Color 7 → Color 8			
		180	180	70,6%	70,6%	Color 8			
		181	189	71,0%	74,1%	Fade Color 8 → Color 9			
		190	190	74,5%	74,5%	Color 9			
191	199	74,9%	78,0%	Fade Color 9 → Open					
200	200	78,4%	78,4%	Open					
201	227	78,8%	89,0%	Scroll CCW	Fast → Slow				
228	228	89,4%	89,4%	Stop					
229	255	89,8%	100,0%	Scroll CW	Slow → Fast				
12	Pan	0	65535	0,0%	100,0%	0° → 620°	32767 (50%)	Fade	
14	Tilt	0	65535	0,0%	100,0%	0° → 185°	32767 (50%)	Fade	
16	Rotating Gobo Wheel	0	9	0,0%	3,5%	Open	0 (0%)	Snap	
		10	19	3,9%	7,5%	Gobo 1			
		20	29	7,8%	11,4%	Gobo 2			
		30	39	11,8%	15,3%	Gobo 3			
		40	49	15,7%	19,2%	Gobo 4			
		50	59	19,6%	23,1%	Gobo 5			
		60	69	23,5%	27,1%	Gobo 6			
		70	79	27,5%	31,0%	Gobo 1 + - Adjust			
		80	89	31,4%	34,9%	Gobo 2 + - Adjust			
		90	99	35,3%	38,8%	Gobo 3 + - Adjust			
		100	109	39,2%	42,7%	Gobo 4 + - Adjust			
		110	119	43,1%	46,7%	Gobo 5 + - Adjust			
		120	129	47,1%	50,6%	Gobo 6 + - Adjust			
		130	139	51,0%	54,5%	Gobo 1 Shake			
		140	149	54,9%	58,4%	Gobo 2 Shake			
		150	159	58,8%	62,4%	Gobo 3 Shake			
		160	169	62,7%	66,3%	Gobo 4 Shake			
		170	179	66,7%	70,2%	Gobo 5 Shake			
		180	189	70,6%	74,1%	Gobo 6 Shake			
		190	199	74,5%	78,0%	Gobo Wheel Scroll CW			Fast → Slow
		200	209	78,4%	82,0%	Gobo Wheel Scroll CCW			Slow → Fast
		210	219	82,4%	85,9%	Bounce Gobo 3 → 6			Slow → Fast
220	255	86,3%	100,0%	Reserved					
17	Gobo Index / Rotation	0	511	0,0%	0,8%	No Index	0 (0%)	Fade	
		512	49151	0,8%	75,0%	Index 0° → 620°			
		49152	57087	75,0%	87,1%	Rotation CCW			Fast → Slow
		57088	57599	87,1%	87,9%	Stop			
57600	65535	87,9%	100,0%	Rotation CW	Slow → Fast				
19	Collimation	0	65535	0,0%	100,0%	Narrow → Wide	0 (0%)	Fade	
21	Function	0	9	0,0%	3,5%	No function	Hold 3 seconds	0 (0%)	Snap
		10	19	3,9%	7,5%	Full Reset			
		20	29	7,8%	11,4%	Pan/Tilt Reset			
		30	39	11,8%	15,3%	Collimator Reset			
		40	49	15,7%	19,2%	Gobo Wheel Reset			

Mode
Simplified (18 channels)

Channel	Name	DMX value	DMX percentage	Description	Info	Default DMX value	Fader type		
1	Shutter (Beam)	0	4	0,0%	1,6%	Closed	8 (3,1%)	Fade	
		5	9	2,0%	3,5%	Open			
		10	54	3,9%	21,2%	Strobe			Fast → Slow
		55	79	21,6%	31,0%	Random Strobe			Slow → Fast
		80	84	31,4%	32,9%	Pulse Up			
		85	89	33,3%	34,9%	Pulse Down			
		90	94	35,3%	36,9%	Pulse Up Down			
		95	139	37,3%	54,5%	Double Strobe			
		140	184	54,9%	72,2%	Triple Strobe			
		185	224	72,5%	87,8%	Reserved			
		225	229	88,2%	89,8%	Fade Wave Up			
		230	234	90,2%	91,8%	Random Pixel			
		235	239	92,2%	93,7%	Wave Up Down			
		240	244	94,1%	95,7%	Wave Up			
		245	249	96,1%	97,6%	Wave Down			
250	255	98,0%	100,0%	Open					
2	Intensity (Beam)	0	255	0,0%	100,0%	Closed → Open	0 (0%)	Fade	
3	Color Wheel 1	0	9	0,0%	3,5%	Open	0 (0%)	Snap	
		10	19	3,9%	7,5%	Color 1			
		20	29	7,8%	11,4%	Color 2			
		30	39	11,8%	15,3%	Color 3			
		40	49	15,7%	19,2%	Color 4			
		50	59	19,6%	23,1%	Color 5			
		60	69	23,5%	27,1%	Color 6			
		70	79	27,5%	31,0%	Color 7			
		80	89	31,4%	34,9%	Color 8			
		90	99	35,3%	38,8%	Color 9			
		100	100	39,2%	39,2%	Open			
		101	109	39,6%	42,7%	Fade Open → Color 1			
		110	110	43,1%	43,1%	Color 1			
		111	119	43,5%	46,7%	Fade Color 1 → Color 2			
		120	120	47,1%	47,1%	Color 2			
		121	129	47,5%	50,6%	Fade Color 2 → Color 3			
		130	130	51,0%	51,0%	Color 3			
		131	139	51,4%	54,5%	Fade Color 3 → Color 4			
		140	140	54,9%	54,9%	Color 4			
		141	149	55,3%	58,4%	Fade Color 4 → Color 5			
		150	150	58,8%	58,8%	Color 5			
		151	159	59,2%	62,4%	Fade Color 5 → Color 6			
		160	160	62,7%	62,7%	Color 6			
		161	169	63,1%	66,3%	Fade Color 6 → Color 7			
		170	170	66,7%	66,7%	Color 7			
		171	179	67,1%	70,2%	Fade Color 7 → Color 8			
		180	180	70,6%	70,6%	Color 8			
		181	189	71,0%	74,1%	Fade Color 8 → Color 9			
190	190	74,5%	74,5%	Color 9					
191	199	74,9%	78,0%	Fade Color 9 → Open					
200	200	78,4%	78,4%	Open					
201	227	78,8%	89,0%	Scroll CCW	Fast → Slow				
228	228	89,4%	89,4%	Stop					
229	255	89,8%	100,0%	Scroll CW	Slow → Fast				
4	Color Wheel 2	0	9	0,0%	3,5%	Open	0 (0%)	Snap	
		10	19	3,9%	7,5%	Color 1			
		20	29	7,8%	11,4%	Color 2			
		30	39	11,8%	15,3%	Color 3			
		40	49	15,7%	19,2%	Color 4			
		50	59	19,6%	23,1%	Color 5			

Channel	Name	DMX value	DMX percentage	Description	Info	Default DMX value	Fader type		
4	Color Wheel 2	70	79	27,5%	31,0%	Color 7	0 (0%)	Snap	
		80	89	31,4%	34,9%	Color 8			
		90	99	35,3%	38,8%	Color 9			
		100	100	39,2%	39,2%	Open			
		101	109	39,6%	42,7%	Fade Open → Color 1			
		110	110	43,1%	43,1%	Color 1			
		111	119	43,5%	46,7%	Fade Color 1 → Color 2			
		120	120	47,1%	47,1%	Color 2			
		121	129	47,5%	50,6%	Fade Color 2 → Color 3			
		130	130	51,0%	51,0%	Color 3			
		131	139	51,4%	54,5%	Fade Color 3 → Color 4			
		140	140	54,9%	54,9%	Color 4			
		141	149	55,3%	58,4%	Fade Color 4 → Color 5			
		150	150	58,8%	58,8%	Color 5			
		151	159	59,2%	62,4%	Fade Color 5 → Color 6			
		160	160	62,7%	62,7%	Color 6			
		161	169	63,1%	66,3%	Fade Color 6 → Color 7			
		170	170	66,7%	66,7%	Color 7			
		171	179	67,1%	70,2%	Fade Color 7 → Color 8			
		180	180	70,6%	70,6%	Color 8			
		181	189	71,0%	74,1%	Fade Color 8 → Color 9			
		190	190	74,5%	74,5%	Color 9			
191	199	74,9%	78,0%	Fade Color 9 → Open					
200	200	78,4%	78,4%	Open					
201	227	78,8%	89,0%	Scroll CCW	Fast → Slow				
228	228	89,4%	89,4%	Stop					
229	255	89,8%	100,0%	Scroll CW	Slow → Fast				
5	Pan	0	65535	0,0%	100,0%	0° → 620°	32767 (50%)	Fade	
6		7	Tilt	0	65535	0,0%	100,0%	0° → 185°	32767 (50%)
8	9	Rotating Gobo Wheel		0	9	0,0%	3,5%	Open	0 (0%)
10			19	3,9%	7,5%	Gobo 1			
20			29	7,8%	11,4%	Gobo 2			
30			39	11,8%	15,3%	Gobo 3			
40			49	15,7%	19,2%	Gobo 4			
50			59	19,6%	23,1%	Gobo 5			
60			69	23,5%	27,1%	Gobo 6			
70			79	27,5%	31,0%	Gobo 1 + - Adjust			
80			89	31,4%	34,9%	Gobo 2 + - Adjust			
90			99	35,3%	38,8%	Gobo 3 + - Adjust			
100			109	39,2%	42,7%	Gobo 4 + - Adjust			
110			119	43,1%	46,7%	Gobo 5 + - Adjust			
120			129	47,1%	50,6%	Gobo 6 + - Adjust			
130			139	51,0%	54,5%	Gobo 1 Shake			
140			149	54,9%	58,4%	Gobo 2 Shake			
150			159	58,8%	62,4%	Gobo 3 Shake			
160			169	62,7%	66,3%	Gobo 4 Shake			
170			179	66,7%	70,2%	Gobo 5 Shake			
180			189	70,6%	74,1%	Gobo 6 Shake			
190			199	74,5%	78,0%	Gobo Wheel Scroll CW	Fast → Slow		
200			209	78,4%	82,0%	Gobo Wheel Scroll CCW	Slow → Fast		
210			219	82,4%	85,9%	Bounce Gobo 3 → 6	Slow → Fast		
220	255	86,3%	100,0%	Reserved					
10	11	Gobo Index / Rotation	0	511	0,0%	0,8%	No Index	0 (0%)	Fade
512			49151	0,8%	75,0%	Index 0° → 620°			
49152			57087	75,0%	87,1%	Rotation CCW	Fast → Slow		
57088			57599	87,1%	87,9%	Stop			
57600	65535	87,9%	100,0%	Rotation CW	Slow → Fast				
12	Collimation	0	255	0,0%	100,0%	Narrow → Wide	0 (0%)	Fade	
13	Function	0	9	0,0%	3,5%	No function	Hold 3 seconds	0 (0%)	Snap
		10	19	3,9%	7,5%	Full Reset			
		20	29	7,8%	11,4%	Pan/Tilt Reset			
		30	39	11,8%	15,3%	Collimator Reset			
		40	49	15,7%	19,2%	Gobo Wheel Reset			

Channel	Name	DMX value	DMX percentage	Description	Info	Default DMX value	Fader type		
13	Function	60	69	23,5%	27,1%	N/A	Hold 3 seconds	0 (0%)	Snap
		70	79	27,5%	31,0%	Color Wheel 1 Reset			
		80	89	31,4%	34,9%	Color Wheel 2 Reset			
		90	99	35,3%	38,8%	N/A			
		100	109	39,2%	42,7%	Fan Standard			
		110	119	43,1%	46,7%	Fan Silent			
		120	129	47,1%	50,6%	Fan Max			
		130	139	51,0%	54,5%	Fan Full Power			
14	Macros	140	255	54,9%	100,0%	Reserved	0 (0%)	Snap	
		0	4	0,0%	1,6%	No Macro			
		5	9	2,0%	3,5%	Macro 1			
		10	14	3,9%	5,5%	Macro 2			
		15	19	5,9%	7,5%	Macro 3			
		20	24	7,8%	9,4%	Macro 4			
		25	29	9,8%	11,4%	Macro 5			
30	255	11,8%	100,0%	Reserved					
15	Intensity (Strobe)	0	255	0,0%	100,0%	Closed → Open	0 (0%)	Fade	
16	Duration (Strobe)	0	255	0,0%	100,0%	Short → Long	0 (0%)	Fade	
17	Rate (Strobe)	0	255	0,0%	100,0%	Slow → Fast	0 (0%)	Fade	
18	Effect (Strobe)	0	9	0,0%	3,5%	No Effect	0 (0%)	Snap	
		10	19	3,9%	7,5%	Random Pixels			
		20	29	7,8%	11,4%	Random Pixels			
		30	39	11,8%	15,3%	Random Strobe			
		40	49	15,7%	19,2%	Random Strobe turn off Beam			
		50	59	19,6%	23,1%	Strobe Flicker			
		60	69	23,5%	27,1%	Strobe Lightning			
		70	79	27,5%	31,0%	Spikes			
		80	89	31,4%	34,9%	Random Blind			
		90	99	35,3%	38,8%	Halogen Decay			
		100	109	39,2%	42,7%	Halogen Attack and Decay			
		110	119	43,1%	46,7%	Halogen Attack			
		120	129	47,1%	50,6%	Random Pixel Pulse			
		130	139	51,0%	54,5%	Random Intensity Strobe			
		140	149	54,9%	58,4%	Spinning Pixel CCW			
		150	159	58,8%	62,4%	Spinning Pixel CW			
		160	169	62,7%	66,3%	Spinning Pixel CCW Decay			
		170	179	66,7%	70,2%	Spinning Pixel CW Decay			
		180	189	70,6%	74,1%	Spinning Pixel CCW Attack Decay			
		190	199	74,5%	78,0%	Spinning Pixel CW Attack Decay			
		200	209	78,4%	82,0%	Spinning Pixel CCW Attack			
		210	219	82,4%	85,9%	Spinning Pixel CW Attack			
		220	235	86,3%	92,2%	Control Individual Pixels (See Pixel Chart)			
236	249	92,5%	97,6%	Reserved					
250	255	98,0%	100,0%	No Effect					

G-7 BeaSt

Pixel chart



Effect	DMX value	DMX percentage	Pixel 1	Pixel 2	Pixel 3	Pixel 4	DMX mode	
Control Individual Pixels (Strobe)	220	220	86,3%	86,3%	I	O	O	Standard Extended+ Simplified
	221	221	86,7%	86,7%	O	I	O	
	222	222	87,1%	87,1%	I	I	O	
	223	223	87,5%	87,5%	O	O	I	
	224	224	87,8%	87,8%	I	O	I	
	225	225	88,2%	88,2%	O	I	I	
	226	226	88,6%	88,6%	I	I	I	
	227	227	89,0%	89,0%	O	O	O	
	228	228	89,4%	89,4%	I	O	O	
	229	229	89,8%	89,8%	O	I	O	
	230	230	90,2%	90,2%	I	I	O	
	231	231	90,6%	90,6%	O	O	I	
	232	232	91,0%	91,0%	I	O	I	
	233	233	91,4%	91,4%	O	I	I	
	234	234	91,8%	91,8%	I	I	I	
235	235	92,2%	92,2%	O	O	O		