



# BIGSPOT 600



DMX SHEET



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## DMX512 Configuration

Please refer to below configurations to control the fixtures.

Mode		Value	Function
34CH	54CH		
1	1		Pan Movement 8bit:
		0-255	Pan Movement
2	2		Pan Fine 16bit
		0-255	Fine control of Pan movement
3	3		Tilt Movement 8bit:
		0-255	Tilt Movement
4	4		Tilt Fine 16bit
		0-255	Fine control of Tilt movement
5	5		Speed Pan/Tilt movement:
		0-255	max to min speed
6	6		Shutter,stroke
		0-10	Shutter closed
		11-21	No function (shutter open)
		22-126	Strobe effect slow to fast
		127-137	No function (shutter open)
		138-201	pulse-effect in sequences
		202-212	No function (shutter open)
		213-244	Random strobe effect slow to fast
		245-255	No function (shutter open)
7	7		Dimmer intensity:
		0-255	Intensity 0 to 100%



	8		Dimmer intensity Fine:
		0-255	Dimmer intensity fine
8	9		Zoom:
		0-255	Zoom adjustment from small to big
	10		Zoom Fine:
		0-255	Zoom adjustment Fine
9	11		Focus:
		0-255	Continuous adjustment from near to far
	12		Focus Fine:
		0-255	Continuous adjustment Fine
10	13		Auto Focus:
		0-51	Auto Focus Off
		52-102	5m
		103-153	7m
		154-204	10m
		205-255	15m
11	14		Auto Focus Fine:
		0-255	Continuous adjustment Fine

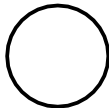



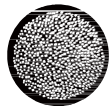




12	15		Color Wheel:
		0-15	White
		16-23	White+Red
		24-31	Red
		32-39	Red+Green
		40-47	Green
		48-55	Green+Blue
		56-63	Blue
		64-71	Blue+Yellow
		72-79	Yellow
		80-87	Yellow+Orange
		88-95	Orange
		96-103	Orange+Pink
		104-111	Pink
		112-119	Pink+White
		120-127	White
		128-189	Forwards rainbow effect from fast to slow
		190-193	No rotation
194-255	Backwards rainbow effect from slow to fast		












	16		Color Wheel Fine:
		0-255	Color Wheel colour change to any position Fine
13	17		Cyan Color:
		0-255	Cyan (0-white,255-100% Cyan)
	18		Cyan Color Fine:
		0-255	Cyan Fine
14	19		Magenta Color:
		0-255	Magenta (0-white,255-100% Magenta)
	20		Magenta Color Fine:
		0-255	Magenta Fine
15	21		Yellow Color:
		0-255	Yellow (0-white,255-100% Yellow)
	22		Yellow Color Fine:
		0-255	Yellow Fine
16	23		CTO Color:
		0-255	CTO (0-white,255-100% CTO)
	24		CTO Color Fine:
		0-255	CTO Fine



17	25	Rotating gobos,cont.rotation 1:	
		0-21	Open 
		22-27	Rot.gobo1 
		28-41	Rot.gobo2 
		42-55	Rot.gobo3 
		56-69	Rot.gobo4 
		70-83	Rot.gobo5 
		84-97	Rot.gobo6 
		98-105	Open
		106-119	Gobo 1 shake slow to fast
		120-133	Gobo 2 shake slow to fast
		134-147	Gobo 3 shake slow to fast
		148-161	Gobo 4 shake slow to fast
		162-175	Gobo 5 shake slow to fast
		176-189	Gobo 6 shake slow to fast
		190-221	Gobo wheel rotation forwards from fast to slow
		222-223	No rotation
224-255	Gobo wheel rotation backwards from slow to fast		
18	26	Rotating gobo index,rotating gobo rotation 1:	
		0-127	Gobo indexing
		128-189	Forwards gobo rotation from fast to slow
		190-193	No rotation
		194-255	Backwards gobo rotation from slow to fast



	27		Rotating gobo indexing Fine 1:
		0-255	Fine indexing

19	28		Fixed Gobo2:
		0-13	Open 
		14-21	Gobo 1 
		22-32	Gobo 2 
		33-43	Gobo 3 
		44-54	Gobo 4 
		55-65	Gobo 5 
		66-76	Gobo 6 
		77-87	Gobo 7 
		88-101	Gobo 8 
		102-112	Gobo 1 shake slow to fast
		113-123	Gobo 2 shake slow to fast
		124-134	Gobo 3 shake slow to fast
135-145	Gobo 4 shake slow to fast		



		146-156	Gobo 5 shake slow to fast
		157-167	Gobo 6 shake slow to fast
		168-178	Gobo 7 shake slow to fast
		179-189	Gobo 8 shake slow to fast
		190-221	Gobo wheel rotation forwards from fast to slow
		222-223	No rotation
		224-255	Gobo wheel rotation backwards from slow to fast

			<b>Animation wheel:</b>
20	29	0-127	Animation indexing
		128-158	Forwards rotation from fast to slow
		159-162	No rotation
		163-193	Backwards rotation from slow to fast
		194-255	Backwards and forwards rotation from slow to fast
21	30		<b>Iris:</b>
		0-255	Max.diameter to Min.diameter
	31		<b>Iris Fine:</b>
		0-255	Iris Fine
22	32		<b>Prism:</b>
		0-127	Open
		128-255	Prism
23	33		<b>Rotating prism index,rotating prism rotation</b>
		0-127	Prism indexing
		128-189	Forwards prism rotation from fast to slow
		190-193	No rotation
		194-255	Backwards prism rotation from slow to fast
	34		<b>Rotating prism indexing Fine:</b>
		0-255	Fine indexing
24	35		<b>Frost:</b>
		0-127	Open
		128-255	Frost



25	36		Blade 1A:
		0-255	Open to Close
	37		Blade 1A Fine:
		0-255	Open to Close Fine
26	38		Blade 1B:
		0-255	Open to Close
	39		Blade 1B Fine:
		0-255	Open to Close Fine
27	40		Blade 2A:
		0-255	Open to Close
	41		Blade 2A Fine:
		0-255	Open to Close Fine
28	42		Blade 2B:
		0-255	Open to Close
	43		Blade 2B Fine:
		0-255	Open to Close Fine
29	44		Blade 3A:
		0-255	Open to Close
	45		Blade 3A Fine:
		0-255	Open to Close Fine
30	46		Blade 3B:
		0-255	Open to Close
	47		Blade 3B Fine:
		0-255	Open to Close Fine
31	48		Blade 4A:
		0-255	Open to Close
	49		Blade 4A Fine:
		0-255	Open to Close Fine
32	50		Blade 4B:
		0-255	Open to Close
	51		Blade 4B Fine:
		0-255	Open to Close Fine



33	52		All Blade Rotation:
		0-255	All Blade Rotation( 45° To -45°)
	53		All Blade Rotation Fine:
		0-255	All Blade Rotation Fine
34	54		Reset, LCD, Fans
		0-9	unused
		10-19	Display Off
		20-29	Display On
		30-39	Display Invert Off
		40-49	Display Invert On
		50-59	Auto fan control mode
		60-69	High fan control mode
		70-79	Silent fan control mode
		80-89	Square Law
		90-99	Linear
		100-109	unused
		110-119	unused
		120-129	unused
		130-139	unused
		140-149	unused
		150-159	All motor reset
		160-169	Scan motor reset
		170-179	Colors motor reset
		180-189	Gobo motor reset
190-199	Other motor reset		
200-255	unused		

