



E SPOT LED DMX Channel

DMX channel functions and values (14 DMX channels):				
Mode/Channel			Value	Function
St	Ba	Ex		
1	1			PAN Movement 8bit
			0-255	Pan Movement (540° or 630°)
2				Pan Fine 16bit
			0-255	Fine control of Pan movement
3	2			TILT Movement 8bit
			0-255	Tilt Movement By 270
4				Tilt Fine 16bit
			0-255	Fine control of Tilt movement
5	3			Color Wheel
			0-14	Open / white
			15-29	Color1
			30-44	Color2
			45-59	Color3
			60-74	Color4
			75-89	Color5
			90-104	Color6
			105-119	Color7
			120-127	Color8
			128-189	Clockwise color scroll from fast to slow
			190-193	No rotation
194-255	Counter-Clockwise color scroll from slow to fast			
6	4			Rotating gobos, cont. rotation



			0-9	Open
			10-19	Rotating gobo 1
			20-29	Rotating gobo 2
			30-39	Rotating gobo 3
			40-49	Rotating gobo 4
			50-59	Rotating gobo 5
			60-69	Rotating gobo 6
			70-79	Rotating gobo 7
			80-95	Rotating gobo 1 shake
			96-111	Rotating gobo 2 shake
			112-127	Rotating gobo 3 shake
			128-143	Rotating gobo 4 shake
			144-159	Rotating gobo 5 shake
			160-175	Rotating gobo 6 shake
			176-191	Rotating gobo 7 shake
			192-255	Rotating gobo wheel continuous rotation, slow to fast
				Rotating gobo index, rotating gobo rotation
			0-127	Gobo indexing
			128-189	Clockwise gobo rotation from fast to slow
			190-193	No rotation
			194-255	Counter-clockwise gobo rotation from slow to fast
				Rotating prism, Prism / Gobo macros:
			0-31	Open
			32-63	3 facet prism
			64-95	Trapezoid prism
			96-127	5 facet prism
7	5			
8	6			



			128-135	Macro 1
			136-143	Macro 2
			144-151	Macro 3
			152-159	Macro 4
			160-167	Macro 5
			168-175	Macro 6
			176-183	Macro 7
			184-191	Macro 8
			192-199	Macro 9
			200-207	Macro 10
			208-215	Macro 11
			216-223	Macro 12
			224-231	Macro 13
			232-239	Macro 14
			240-247	Macro 15
			248-255	Macro 16
				Rotating prism index, rotating prism rotation:
9	7		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
10	8			Focus:
			0-255	Continuous adjustment from far to near
11	9			Shutter, strobe
			0-31	Shutter closed
			32-63	No function (shutter open)



			64-95	Strobe effect slow to fast
			96-127	No function (shutter open)
			128-159	Pulse-effect in sequences
			160-191	No function (shutter open)
			192-223	Random strobe effect slow to fast
			224-255	No function (shutter open)
12	10			Dimmer (intensity)
			0-255	Intensity 0 to 100%
13	11			Speed pan/tilt movement
			0-225	Max to min speed
			226-235	Blackout by movement
			236-245	Blackout by all wheel changing
			246-255	no function
14	12			Reset, internal programs
			0-19	Color change normal
			20-39	Color change to any position
			40-59	No function
			60-79	No function
			80-84	Complete fixture reset
			85-87	Scan motor reset
			88-90	Color motors reset
			91-93	Gobo motors reset
			94-96	No function
			97-99	Other motor reset
			100-119	Internal program 1
			120-139	Internal program 2



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			140-159	Internal program 3
			160-179	Internal program 4
			180-199	Internal program 5
			200-219	Internal program 6
			220-239	Internal program 7
			240-255	Auto program by music