



Icon Stage DMX Map - Release V8

DMX channel's functions and their values (58 DMX channels):			
Mode/Channel		Value	Function
St	Ex		
1	1		<u>PAN Movement 8bit :</u>
		0-255	Pan Movement
2	2		<u>Pan Fine 16bit</u>
		0-255	Fine control of Pan movement
3	3		<u>TILT Movement 8bit :</u>
		0-255	Tilt Movement
4	4		<u>Tilt Fine 16bit</u>
		0-255	Fine control of Tilt movement
5	5		<u>Color Wheel and color change to any position:</u>
		0-127	Cooler change to any position
		15-17	Color 1 (center)
		31-33	Color 2 (center)
		47-49	Color 3 (center)
		63-65	Color 4 (center)
		79-81	Color 5 (center)
		95-97	Color 6 (center)
		111-113	Color 7 (center)
		128-189	Forwards rainbow effect from fast to slow
		190-193	No rotation
194-255	Backwards rainbow effect from slow to fast		
	6		<u>Color Wheel Fine :</u>
		0-255	Color Wheel color change to any position Fine
6	7		<u>Cyan Color :</u>
		0-255	Cyan (0-white, 255-100% Cyan)
	8		<u>Cyan Color Fine :</u>
		0-255	Cyan Fine
7	9		<u>Magenta Color :</u>
		0-255	Magenta (0-white, 255-100% magenta)
	10		<u>Magenta Color Fine :</u>
		0-255	Magenta Fine
8	11		<u>Yellow Color :</u>
		0-255	Yellow (0-white, 255-100% Yellow)

	12		<u>Yellow Color Fine :</u>
		0-255	Yellow Fine
9	13		<u>CTO Color :</u>
		0-255	CTO (0-white, 255-100% CTO)
	14		<u>CTO Color Fine :</u>
		0-255	CTO Fine
10	15		<u>Rotating gobos, cont. rotation :</u>
			Gobo wheel index
			<i>(Gobo Scroll ON in the menu or Control channel)</i>
		0-5	Open
		6~189	gobo change to any position
		29	gobo 1 (center reference value)
		52	gobo 2 (center reference value)
		75	gobo 3 (center reference value)
		98	gobo 4 (center reference value)
		121	gobo 5 (center reference value)
		144	gobo 6 (center reference value)
		167	gobo 7 (center reference value)
			<i>(Gobo Scroll OFF in the menu or Control channel)</i>
		0-7	Open
		8-17	Rot. gobo 1
		18-27	Rot. gobo 2
		28-37	Rot. gobo 3
		38-47	Rot. gobo 4
		48-57	Rot. gobo 5
		58-67	Rot. gobo 6
		68-77	Rot. gobo 7
		78-93	Gobo 1 shake slow to fast
		94-109	Gobo 2 shake slow to fast
		110-125	Gobo 3 shake slow to fast
		126-141	Gobo 4 shake slow to fast
		142-157	Gobo 5 shake slow to fast
		158-173	Gobo 6 shake slow to fast
		174-189	Gobo 7 shake slow to fast
			Gobo wheel rotation
		190-221	Gobo wheel rotation forwards from fast to slow
		222-223	Reserved
		224-255	Gobo wheel rotation f backwards from slow to fast
11	16		<u>Rotating gobo index, rotating gobo rotation :</u>
		0-127	Gobo indexing
		128-189	Clock-wise rotation from fast to slow

		190-193	No rotation
		194-255	Counter clock-wise rotation from slow to fast
	17		<u>Rotating gobo indexing Fine</u>
		0-255	Fine indexing
12	18		<u>Fixed Gobos :</u>
			<i>(Gobo Scroll ON in the menu or Control channel)</i>
		0-9	Open
		10~189	gobo change to any position
		30	gobo 1 (center reference value)
		50	gobo 2 (center reference value)
		70	gobo 3 (center reference value)
		90	gobo 4 (center reference value)
		110	gobo 5 (center reference value)
		130	gobo 6 (center reference value)
		150	gobo 7 (center reference value)
		170	gobo 8 (center reference value)
			<i>(Gobo Scroll OFF in the menu or Control channel)</i>
		0-29	Open
		30-39	Gobo 1
		40-49	Gobo 2
		50-59	Gobo 3
		60-69	Gobo 4
		70-79	Gobo 5
		80-89	Gobo 6
		90-99	Gobo 7
		100-109	Gobo 8
		110-119	Gobo 1 shake slow to fast
		120-129	Gobo 2 shake slow to fast
		130-139	Gobo 3 shake slow to fast
		140-149	Gobo 4 shake slow to fast
		150-159	Gobo 5 shake slow to fast
		160-169	Gobo 6 shake slow to fast
		170-179	Gobo 7 shake slow to fast
		180-189	Gobo 8 shake slow to fast
			Gobo wheel rotation
190-221	Gobo wheel rotation forwards from fast to slow		
222-223	No rotation		
224-255	Gobo wheel rotation f backwards from slow to fast		
13	19		<u>Wheel Animation :</u>
		0-7	Close

		8-127	Animation indexing
		128-187	Clock-wise scroll from fast to slow
		188-195	No rotation
		196-255	Counter clock-wise scroll from slow to fast
14	20		<u>Iris:</u>
		0-255	Max. diameter to Min. diameter
	21		<u>Iris Fine:</u>
		0-255	Iris Fine
15	22		<u>Prism:</u>
		0-63	Open position (hole)
		64-127	Prism
		128- 255	No function
16	23		<u>Rotating prism index, rotating prism rotation</u>
		0-127	Prism indexing
		128-189	Clock-wise rotation from fast to slow
		190-193	No rotation
		194-255	Counter clock-wise rotation from slow to fast
	24		<u>Rotating prism indexing Fine</u>
		0-255	Fine indexing
17	25		<u>Zoom :</u>
		0-255	Zoom adjustment from small to big
	26		<u>Zoom Fine:</u>
		0-255	Zoom adjustment Fine
18	27		<u>Focus :</u>
		0-255	Continuous adjustment from near to far
	28		<u>Focus Fine:</u>
		0-255	Continuous adjustment Fine
19	29		<u>Auto Focus:</u>
		0-50	Auto Focus Off
		51-100	5m
		101-150	7.5m
		151-200	10m
		201-255	15m
20	30		<u>Auto Focus adjustment:</u>
		0-255	Continuous adjustment
21	31		<u>Shutter, strobe:</u>
		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)
22	32		<u>Dimmer intensity:</u>
		0-255	Intensity 0 to 100%
	33		<u>Fine Dimmer intensity:</u>
		0-255	Dimmer intensity fine
23	34		<u>Dim Modes</u>
		0-20	Standard
		21-40	Stage
		41-60	TV
		61-80	Architectural
		81-100	Theatre
		101-255	Default to Unit Setting
24	35		<u>Frost:</u>
		0-50	Open
		51-100	100% Frost2
		101-150	100% Frost1
		151-255	100%Frost1& Frost2
25	36		<u>Blade 1 A</u>
		0-255	Open to Close
	37		<u>Blade 1 A Fine :</u>
		0-255	Open to Close Fine
26	38		<u>Blade 1 B :</u>
		0-255	Blade 1 Rotation
	39		<u>Blade 1 B Fine :</u>
		0-255	Blade 1 Rotation Fine
27	40		<u>Blade 2 A :</u>
		0-255	Open to Close
	41		<u>Blade 2 A Fine :</u>
		0-255	Open to Close Fine
28	42		<u>Blade 2 B :</u>
		0-255	Blade 2 Rotation
	43		<u>Blade 2 B Fine :</u>
		0-255	Blade 2 Rotation Fine
29	44		<u>Blade 3 A :</u>
		0-255	Open to Close
	45		<u>Blade 3 A Fine :</u>
		0-255	Open to Close Fine

30	46		<u>Blade 3 B :</u>
		0-255	Blade 3 Rotation
	47		<u>Blade 3 B Fine :</u>
		0-255	Blade 3 Rotation Fine
31	48		<u>Blade 4 A :</u>
		0-255	Open to Close
	49		<u>Blade 4 A Fine :</u>
		0-255	Open to Close Fine
32	50		<u>Blade 4 B :</u>
		0-255	Right Blade Rotation
	51		<u>Blade 4 B Fine :</u>
		0-255	Right Blade Rotation Fine
33	52		<u>All Blade Rotation :</u>
		0-255	All Blade Rotation
	53		<u>All Blade Rotation Fine :</u>
		0-255	All Blade Rotation Fine
			<u>Focus Timing</u>
	54	0-255	Adjustment of fixture timing to control Pan/Tilt mechanisms.
			<u>Color Timing</u>
	55	0-255	Adjustment of fixture timing to control color mechanisms.
			<u>Beam Timing</u>
	56	0-255	Adjustment of fixture timing to control beam mechanisms.
			<u>Gobo Timing</u>
	57	0-255	Adjustment of fixture timing to control gobo mechanisms.
34	58		<u>Control:</u>
			The settings is effective after remaining the value unchanged at least 3 seconds
		0-39	No function
		40~59	Gobo Scroll ON
		60~79	Gobo Scroll OFF
		80~99	All motor reset
		100~119	Pan/TILT reset
		120-139	other motor reset
			Refresh Rate (LED) (default 1.2KHz)
140~200	900Hz~1500Hz (+10Hz/+1 value)		

	201	2.5KHz
	202	4KHz
	203	5KHz
	204	10KHz
	205	15KHz
	206	20KHz
	207	25KHz
	208-255	No function