

INSTRUCTIONS ON USE



DMX channel 's functions and their values (23 DMX channels):				
Mode/Channel			Value	Function
St	Ba	Ex		
1	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	2	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	3	5		<u>Speed Pan/Tilt movement:</u>
			0-225	max to min speed
			226-235	blackout by movement
			236-245	blackout by all wheel changing
			246-255	no function
6	4	6		<u>Color Wheel:</u>
			0-13	Open / white
			14-27	Color 1
			28-41	Color 2
			42-55	Color 3
			56-69	Color 4
			70-83	Color 5
			84-97	Color 6
			98-111	Color 7
			112-127	Color 8
			128-189	Forwards rainbow effect from fast to slow
			190-193	No rotation
			194-255	Backwards rainbow effect from slow to fast
		7		<u>Color Wheel Fine :</u>
			0-255	Color Wheel colour change to any position Fine
7	5	8		<u>Cyan Color :</u>
			0-255	Cyan (0-white, 255-100% Cyan)
		9		<u>Cyan Color Fine :</u>
			0-255	Cyan Fine
8	6	10		<u>Magenta Color :</u>
			0-255	Magenta (0-white, 255-100% magenta)
		11		<u>Magenta Color Fine :</u>
			0-255	Magenta Fine
9	7	12		<u>Yellow Color :</u>
			0-255	Yellow (0-white, 255-100% Yellow)
		13		<u>Yellow Color Fine :</u>

			0-255	Yellow Fine
10	8	14		<u>Effect Wheel:</u>
			0-3	Open / white
			4-127	Beam shaper
			128-189	Forwards rainbow effect from fast to slow
			190-193	No rotation
			194-255	Backwards rainbow effect from slow to fast
		15		<u>Effect Wheel Fine :</u>
			0-255	Effect Wheel fine on beam shaper
11	9	16		<u>Stepless Zoom :</u>
			0-255	Zoom adjustment from small to big
		17		<u>Stepless Zoom Fine:</u>
			0-255	Zoom fine adjustment from small to big
12	10	18		<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)			
13	11	19		<u>Dimmer intensity:</u>
			0-255	Intensity 0 to 100%
		20		<u>Fine Dimmer intensity:</u>
			0-255	Dimmer intensity fine
14	12	21		<u>Speed Of CMY & Colour macro Speed:</u>
			0-255	Speed Max →Min
15	13	22		<u>Colour macros - CMY and colour wheel:</u>
			0-7	OFF
			8-15	Macro1
			16-23	Macro2
			24-31	Macro3
			32-39	Macro4
			40-47	Macro5
			48-55	Macro6
			56-63	Macro7
			64-71	Macro8
			72-79	Macro9
			80-87	Macro10
			88-95	Macro11
			96-103	Macro12
104-111	Macro13			
112-119	Macro14			

			120-127	Macro15
			128-135	Macro16
			136-143	Macro17
			144-151	Macro18
			152-159	Macro19
			160-167	Macro20
			168-175	Macro21
			176-183	Macro22
			184-191	Macro23
			192-199	Macro24
			200-207	Macro25
			208-215	Macro26
			216-223	Macro27
			224-231	Macro28
			232-239	Macro29
			240-247	Macro30
			248-255	Random CMY
				Lamp on/off, reset, internal programs:
			0-19	colour change normal
			20-29	colour change to any position
			30-39	colour change to any position
			40-59	Lamp on
			60-79	Lamp switch off
			80-84	All motor reset
			85-87	Scan motor reset
			88-90	Colors motor reset
			91-93	No function
			94-96	Shutter & Dimmer motor reset
			97-99	Other motor reset
			100-119	Internal program 1 (scene 1~8 of EEPROM)
			120-139	Internal program 2 (scene 9~16 of EEPROM)
			140-159	Internal program 3 (scene 17~24 of EEPROM)
			160-179	Internal program 4 (scene 25~32 of EEPROM)
			180-199	Internal program 5 (scene 33~40 of EEPROM)
			200-219	Internal program 6 (scene 41~48 of EEPROM)
			220-239	Internal program 7 (scene 49~56 of EEPROM)
			240-255	Music Control (scene of Program 1)
16	14	23		