

**LEVANTE (From Software V201)**

**DMX channel's functions and their values (50DMX channels):**

Mode/Channel			Value	Function
St	Ba	Ex		
1	1	1		<b>PAN Movement 8bit :</b>
			0-255	Pan Movement
2		2		<b>Pan Fine 16bit</b>
			0-255	Fine control of Pan movement
3	2	3		<b>TILT Movement 8bit :</b>
			0-255	Tilt Movement
4		4		<b>Tilt Fine 16bit</b>
			0-255	Fine control of Tilt movement
5	3	5		<b>Speed Pan/Tilt movement:</b>
			0-225	max to min speed
			226-235	blackout by movement
			236-245	blackout by all wheel changing
6	4	6	246-255	no function
				<b>Shutter, strobe:</b>
			0-10	Shutter closed
			11-20	No function (shutter open)
			21-117	Strobe effect slow to fast
			118-126	No function (shutter open)
			127-180	Pulse-effect in sequences
			181-191	No function (shutter open)
192-245	Random strobe effect slow to fast			
246-255	No function (shutter open)			
7	5	7		<b>Dimmer intensity:</b>
			0-255	Intensity 0 to 100%
		8		<b>Fine Dimmer intensity:</b>
			0-255	Dimmer intensity fine
8	6	9		Reserved
9	7	10		Reserved
10	8	11		Reserved
11	9	12		<b>Zoom :</b>
			0-255	Zoom adjustment from small to big
		13		<b>Zoom Fine:</b>
			0-255	Zoom adjustment Fine
12	10	14		<b>Focus :</b>
			0-255	Continuous adjustment from near to far
		15		<b>Focus Fine:</b>
			0-255	Continuous adjustment Fine

13	11	16		<b>Color Wheel:</b>
			0-3	Open / white
			4-7	Color 1(CTB)
			8-11	Color 2(Magenta)
			12-15	Color 3(Congo Blue)
			16-19	Color 4(Green)
			20-23	Color 5(Orange)
			24-27	Color 6(Light Blue)
			28-31	Color 7(Red)
			32-127	Color indexing
			128-189	Forwards rainbow effect from fast to slow
			190-193	No rotation
			194-255	Backwards rainbow effect from slow to fast
		17		<b>Color Wheel Fine :</b>
			0-255	Color Wheel colour change to any position Fine
14	12	18		<b>Cyan Color :</b>
			0-255	Cyan (0-white, 255-100% Cyan)
		19		<b>Cyan Color Fine :</b>
			0-255	Cyan Fine
15	13	20		<b>Magenta Color :</b>
			0-255	Magenta (0-white, 255-100% magenta)
		21		<b>Magenta Color Fine :</b>
			0-255	Magenta Fine
16	14	22		<b>Yellow Color :</b>
			0-255	Yellow (0-white, 255-100% Yellow)
		23		<b>Yellow Color Fine :</b>
			0-255	Yellow Fine
17	15	24		<b>CTO Color :</b>
			0-255	CTO (0-white, 255-100% CTO)
		25		<b>CTO Color Fine :</b>
			0-255	CTO Fine
18	16	26		<b>Rotating gobos, cont. rotation 1:</b>
			0-9	Open
			10-19	Rot. gobo 1
			20-29	Rot. gobo 2
			30-39	Rot. gobo 3
			40-49	Rot. gobo 4
			50-59	Rot. gobo 5
			60-69	Rot. gobo 6
			70-77	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
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			
19	17	27		<b>Rotating gobo index,rotating gobo rotation 1:</b>
			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
		28		<b>Rotating gobo indexing Fine 1:</b>
			0-255	Fine indexing

20	18	29		<b><u>Iris:</u></b>
			0-191	Max. diameter to Min.diameter
			192-223	Pulse closing fast to slow
			224-255	Pulse opening slow to fast
		30		<b><u>Iris Fine:</u></b>
			0-255	Iris Fine
21	19	31		<b><u>Frost:</u></b>
			0-255	0-100% Frost
22	20	32		<b><u>Blade 1A :</u></b>
			0-255	Open to Close
		33		<b><u>Blade 1A Fine :</u></b>
			0-255	Open to Close Fine
23	21	34		<b><u>Blade 1B :</u></b>
			0-255	Open to Close
		35		<b><u>Blade 1B Fine :</u></b>
			0-255	Open to Close Fine
24	22	36		<b><u>Blade 2A :</u></b>
			0-255	Open to Close
		37		<b><u>Blade 2A Fine :</u></b>
			0-255	Open to Close Fine
25	23	38		<b><u>Blade 2B :</u></b>
			0-255	Open to Close
		39		<b><u>Blade 2B Fine :</u></b>
			0-255	Open to Close Fine
26	24	40		<b><u>Blade 3A :</u></b>
			0-255	Open to Close
		41		<b><u>Blade 3A Fine :</u></b>
			0-255	Open to Close Fine
27	25	42		<b><u>Blade 3B :</u></b>
			0-255	Open to Close
		43		<b><u>Blade 3B Fine :</u></b>
			0-255	Open to Close Fine
28	26	44		<b><u>Blade 4A :</u></b>
			0-255	Open to Close
		45		<b><u>Blade 4A Fine :</u></b>
			0-255	Open to Close Fine
29	27	46		<b><u>Blade 4B :</u></b>
			0-255	Open to Close
		47		<b><u>Blade 4B Fine :</u></b>
			0-255	Open to Close Fine
30	28	48		<b><u>All Blade Rotation :</u></b>
			0-255	All Blade Rotation
		49		<b><u>All Blade Rotation Fine :</u></b>
			0-255	All Blade Rotation Fine

31	29	50		<b>Control, reset, internal programs:</b>
			0-4	unused
			5-9	Display Off
			10-14	Display On
			15-19	Display Invert Off
			20-24	Display Invert On
			25-26	Auto fan control mode
			27-28	Stage fan control mode
			29-30	Silence fan control mode
			31-32	Super Silence fan control mode
			33-34	Constant Fans Off
			35-36	Constant Fans On
			37-44	unused
			45-49	Square Law
			50-54	Linear
			55-58	1.2K
			59-62	2.4K
			63-66	16K
			67-69	25K
			70-74	Gobo correction Off
			75-79	Gobo correction On
			80-84	All motor reset
			85-87	Scan motor reset
			88-90	Colors motor reset
			91-93	Gobo motor reset
			94-96	unused
			97-99	Other motor reset
			100-119	Internal program 1 (scene1~8 of EEPROM)
			120-139	Internal program 2 (scene9~16 of EEPROM)
			140-159	Internal program 3 (scene17~24 of EEPROM)
			160-179	Internal program 4 (scene25~32 of EEPROM)
180-199	Internal program 5 (scene33~40 of EEPROM)			
200-219	Internal program 6 (scene41~48 of EEPROM)			
220-239	Internal program 7 (scene49~56 of EEPROM)			
240-255	Internal program 8 (scene49~56 of EEPROM)			