

GHIBLI (from software V201)

DMX channel's functions and their values (58DMX 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>Shutter, strobe:</u>
			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		<u>Dimmer intensity:</u>
			0-255	Intensity 0 to 100%
		8		<u>Fine Dimmer intensity:</u>
			0-255	Dimmer intensity fine
8	6	9		Reserved
9	7	10		Reserved
10	8	11		Reserved
11	9	12		<u>Zoom :</u>
			0-255	Zoom adjustment from small to big
		13		<u>Zoom Fine:</u>
			0-255	Zoom adjustment Fine
12	10	14		<u>Focus :</u>
			0-255	Continuous adjustment from near to far
		15		<u>Focus Fine:</u>
			0-255	Continuous adjustment Fine
13	11	16		<u>Auto Focus :</u>
			0-50	Auto Focus Off
			51-100	5m
			101-150	7.5m
			151-200	10m
		201-255	15m	
14	12	17		<u>AutoFocus Fine:</u>
			0-255	Continuous adjustment Fine

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

22	20	31		<u>Fixed Gobo2 :</u>
			0-21	open
			22-31	Gobo 1
			32-41	Gobo 2
			42-51	Gobo 3
			52-61	Gobo 4
			62-71	Gobo 5
			72-81	Gobo 6
			82-91	Gobo 7
			92-101	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	Clock-wise scroll from fast to slow			
222-223	Reserved			
224-255	Counter clock-wise scroll from slow to fast			
23	21	32		<u>Animation wheel:</u>
			0-7	open
			8-127	Forwards rotation from fast to slow
			128-135	No rotation
			136-255	Backwards rotation from slow to fast
24	22	33		<u>Iris:</u>
			0-191	Max. diameter to Min.diameter
			192-223	Pulse closing fast to slow
			224-255	Pulse opening slow to fast
		34		<u>Iris Fine:</u>
			0-255	Iris Fine
25	23	35		<u>Prism:</u>
			0-127	Open
			128-255	5-Facet Prism
26	24	36		<u>Rotating prism index, rotating prism rotation</u>
			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

		37		<u>Rotating prism indexing Fine :</u>
			0-255	Fine indexing
27	25	38		<u>Frost 1:</u>
			0-255	0-100%
28	26	39		<u>Frost 2:</u>
			0-255	0-100%
29	27	40		<u>Blade 1A :</u>
			0-255	Open to Close
		41		<u>Blade 1A Fine :</u>
			0-255	Open to Close Fine
30	28	42		<u>Blade 1B :</u>
			0-255	Blade 1 Rotation
		43		<u>Blade 1B Fine :</u>
			0-255	Blade 1 Rotation Fine
31	29	44		<u>Blade 2A :</u>
			0-255	Open to Close
		45		<u>Blade 2A Fine :</u>
			0-255	Open to Close Fine
32	30	46		<u>Blade 2B :</u>
			0-255	Blade 2 Rotation
		47		<u>Blade 2B Fine :</u>
			0-255	Blade 2 Rotation Fine
33	31	48		<u>Blade 3A :</u>
			0-255	Open to Close
		49		<u>Blade 3A Fine :</u>
			0-255	Open to Close Fine
34	32	50		<u>Blade 3B :</u>
			0-255	Blade 3 Rotation
		51		<u>Blade 3B Fine :</u>
			0-255	Blade 3 Rotation Fine
35	33	52		<u>Blade 4A :</u>
			0-255	Open to Close
		53		<u>Blade 4A Fine :</u>
			0-255	Open to Close Fine
36	34	54		<u>Blade 4B :</u>
			0-255	Right Blade Rotation
		55		<u>Blade 4B Fine :</u>
			0-255	Right Blade Rotation Fine
37	35	56		<u>All Blade Rotation :</u>
			0-255	All Blade Rotation
		57		<u>All Blade Rotation Fine :</u>
			0-255	All Blade Rotation Fine

38	36	58		Control, reset, internal programs:
			0-9	unused
			10-14	Display Off
			15-19	Display On
			20-24	Display Invert Off
			25-29	Display Invert On
			30-31	Auto fan control mode
			32-33	Stage fan control mode
			34-35	Silence fan control mode
			36-37	Super Silence fan control mode
			38-39	Constant Fans Off
			40-41	Constant Fans On
			42-49	unused
			50-52	Square Law
			53-55	Linear
			56-59	Ex Square Law
			60-63	1.2K
			64-67	2.4K
			68-71	16K
			72-74	25K
			75-76	Gobo correction Off
			77-79	Gobo correction On
			80-84	All motor reset
			85-87	Scan motor reset
			88-90	Colors motor reset
			91-93	Gobo motor reset
			94	unused
			95	Reset P/T Fade Off
			96	Reset P/T Fade On
			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 (scene57~64 of EEPROM)			