

Mode/Channel			Value	Function
St	Ba	Ex	!	!
1	1	1	!	PAN Movement 8bit
			0-255	Pan Movement By 630/540
2	!	2	!	Pan Fine 16bit
			0-255	Fine control of Pan movement
3	2	3	!	TILT Movement 8bit
			0-255	Tilt Movement
4	!	4	!	Tilt Fine 16bit
			0-255	Fine control of Tilt movement
5	3	5	!	Color Wheel
			0-13	Open / white
			14-27	Red
			28-41	Blue
			42-55	Green
			56-69	Yellow
			70-83	Magenta
			84-97	Orange
			98-111	Light Blue
			112-127	Pink
			128-189	Forwards rainbow effect from fast to slow
			190-193	No rotation
			194-255	Backwards rainbow effect from slow to fast
!	!	6	!	Color Wheel Fine
			0-255	Fine control of Tilt movement
6	4	7	!	Rotating gobos, cont. rotation
			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
			70-79	Rot. gobo 7
			80-99	Gobo 1 shake slow to fast
			100-119	Gobo 2 shake slow to fast
			120-139	Gobo 3 shake slow to fast
			140-159	Gobo 4 shake slow to fast
160-179	Gobo 5 shake slow to fast			



			180-199	Gobo 6 shake slow to fast
			200-119	Gobo 7 shake slow to fast
			220-255	Rot. gobo wheel cont. rotation slow to fast
7	5	8	!	Rotating gobo index, rotating gobo rotation
			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
!	!	9	!	Rotating gobo index Fine
			0-255	Fine indexing
8	6	10	!	Fixed Gobos
			0-13	Open/hole
			14-27	Gobo 1
			28-41	Gobo 2
			42-55	Gobo 3
			56-69	Gobo 4
			70-83	Gobo 5
			84-97	Gobo 6
			98-111	Gobo 7
			112-127	Gobo 1 shake slow to fast
			128-143	Gobo 2 shake slow to fast
			144-159	Gobo 3 shake slow to fast
			160-175	Gobo 4 shake slow to fast
			176-191	Gobo 5 shake slow to fast
			192-207	Gobo 6 shake slow to fast
			208-223	Gobo 7 shake slow to fast
224-255	Gobo wheel rotation from slow to fast			
9	7	11	!	3 facet rotating prism, Prism / Gobo macros
			0-3	Open
			4-63	Forwards rotation from fast to slow
			64-67	No rotation
			68-127	Backwards rotation from slow to fast
			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
10	8	12	!	Focus
			0-255	Continuous adjustment from far to near
!	!	13	!	Focus Fine
			0-255	Continuous adjustment Fine
11	9	14	!	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	15	!	Dimmer (intensity)
			0-255	Intensity 0 to 100%
13	11	16	!	Iris
			0-191	Max. diameter to Min.diameter
			192-223	Pulse opening fast to slow
			224-255	Pulse closing slow to fast
!	!	17	!	Iris Fine
			0-255	Iris Fine
14	12	18	!	Frost
			0-191	Frost 0~100%
			192-223	Pulse opening fast to slow
			224-254	Pulse closing slow to fast
			255	100% Frost
!	!	19	!	Frost Fine
			0-255	Frost Fine
15	13	20	!	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
16	14	21	!	Lamp on/off, reset, internal programs
			0-19	Color/Gobo change is normal
			20-29	Color change to any position – Split Colors are Possible
			30-39	Split Colors/Gobs are Possible
			40-59	No function
			60-79	No function
			80-84	All motor reset
			85-87	Scan motor reset
			88-90	Colors motor reset
			91-93	Gobo motor reset
			94-96	no function
			97-99	Other motor reset
			100-119	Internal program 1 (secne1~8 of EEPROM)
			120-139	Internal program 2 (secne9~16 of EEPROM)
			140-159	Internal program 3 (secne17~24 of EEPROM)
			160-179	Internal program 4 (secne25~32 of EEPROM)
			180-199	Internal program 5 (secne33~40 of EEPROM)
			200-219	Internal program 6 (secne41~48 of EEPROM)
220-239	Internal program 7 (secne49~56 of EEPROM)			
			240-255	Music Control (scene of Program 1)