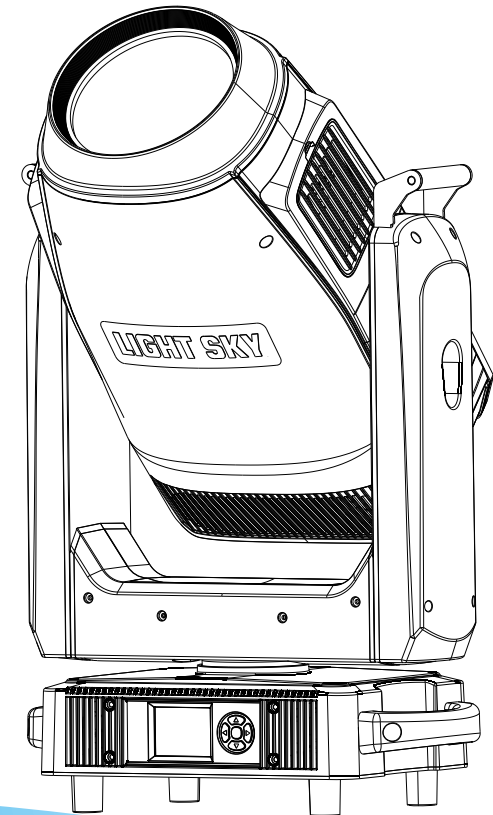


**SUPER SCOPE COLOR**  
**User Channel**



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**Please read the instruction carefully bef!**

## 6.2.Channel Setting

Press the OK button to confirm, use the up/down buttons to select the channel mode:

mode 1 (60CH), mode 2 (35CH), mode 3 (64CH), mode 4 (49CH),press the OK button to save.

Press the left/right button to return to the previous menu.

## 6.3.Address Setting

When using a universal DMX controller to control the fixture, you need to set the starting address (1-512) for the fixture so that the machine can receive to the DMX signal.Select the DMX address, press the OK button to confirm, the current DMX address will be shown on the display. Use the left/right buttons to select 001~512 address, press the OK button to save. Press the left/right button to return to the previous menu.

**Please refer to the following diagram to address your DMX512 channel for the first 4 units.**

Channel mode	Unit 1 Address	Unit 2 Address	Unit 3 Address	Unit 4 Address
60 Channel	1	61	121	181
35 Channel	1	36	71	106
64 Channel	1	65	129	193
49 Channel	1	50	99	148

## 6.4.DMX 512 Configuration

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
1	1	1	1	0-255	<b>Pan</b> Pan movement/positioning	Angle: 0-540° Maximum: 3.65S
2	2	2	2	0-255	<b>Pan fine</b> Fine pan positioning	
3	3	3	3	0-255	<b>TILT</b> Tilt movement/positioning	Angle: 0-270° Maximum: 2.28S
4	4	4	4	0-255	<b>TILT fine</b> Fine tilt movement/positioning	
5	5	5	5		<b>PAN/TILT Speed, Pan/Tilt time</b>	
				0	Standard mode (0=default)	
				1	Max. Speed Mode	
					<b>Pan/Tilt speed mode</b>	
				2-255	Speed from max. to min.	
					<b>Pan/Tilt time mode</b>	
				2-255	Time from 0.2 sec. to 25.5 sec.	
6	6	6	6		<b>Functions</b>	
					<b>To activate following functions, stop in DMX value for at least 3 s</b>	
				0-9	Reserved (0=default)	
				10-14	DMX input: DMX	
				15-19	DMX input:Art-Net	
				20-24	Display Back light is on	
				25-29	Display Back light is auto(Default)	
				30-34	Zoom Invert	
				35-39	Zoom Forward(Default)	
				40-44	Pan/Tilt mode: Speed(Default)	
				45-49	Pan/Tilt mode: Time	
				50-54	Blackout while pan/tilt moving: On	
				55-59	Blackout while pan/tilt moving: Off (Default)	
				60-64	Reserved	
				65-69	Reserved	
				70-74	Fan mode:Silent	
				75-79	Fan mode:Standard (Default)	
				80-84	Fan mode:High Output	
				85-89	Dmx state: Black (Default)	
				90-94	Dmx state: Hold	
				95-99	Led calibration off	
				100-104	Led calibration on (Default)	
				105-119	Reserved	
				120-124	Parking position on	
				125-129	Parking position off (Default)	
				130-139	Fixture reset(except pan/tilt)	
				140-149	Pan/Tilt reset	
				150-159	Reserved	
				160-169	Gobo wheels/effect wheel reset	
				170-179	Reserved	
				180-189	Zoom/focus/frosts/prisms reset	
				190-199	Iris /framing shutters reset	
				200-209	Total fixture reset	
				210-211	Green correction calibration	
				212-218	Reserved	
					<b>The following three commands define transition from gobo rotation to gobo indexing:</b>	
				219-220	Maximum speed and shortcut (Use in future,now no function)	
				221-222	Follow speed and direction (Use in future,now no function)	
				223-224	Maximum speed and follow direction (Use in future,now no function)	
					<b>The following RoboSpot related commands are only applicable when the RoboSpot is connected:(Use in future,now no function)</b>	
				225-229	RoboSpot enabled(Use in future,now no function)	
				230-234	<b>RoboSpot disabled - except handle faders and pan/tilt(Use in future,now no function)</b>	
				235-239	RoboSpot fully disabled (Use in future,now no function)	
				240	Disabled "Quiet mode"	
				241-255	Quiet mode - fan noise control from min. to max.	

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
7	/	7	7		<b>LED frequency selection</b> <b>Factory display menu setting: 8000Hz</b> <b>Select PWM output frequency of LEDs. Selected PWM frequency can be fine adjusted in 127 steps up/down around selected PWM frequency on the channel below. Corresponding menu item (Frequency Setup) is temporarily overridden.</b> 0-4 PWM frequency from Display menu (fixture utilizes PWM frequency set in the display menu item Frequency Setup). 5-9 4000 Hz 10-14 8000 Hz (10=default) 15-19 16000 Hz 20-24 25000 Hz 25-255 Reserved (fixture utilizes PWM frequency set in the display menu item	
					<b>LED frequency fine adjusting</b> <b>Factory display menu setting: 8000Hz</b> <b>Select desired PWM output frequency of LEDs on the channel above.</b> 0-1 Selected LED Frequency 2 LED Frequency (step -126) 3 LED Frequency (step -125) 4 LED Frequency (step -124) 5 LED Frequency (step -123) 6 LED Frequency (step -122) 7 LED Frequency (step -121) 8 LED Frequency (step -120) 9 LED Frequency (step -119) 10 LED Frequency (step -118) 11 LED Frequency (step -117) 12 LED Frequency (step -116) 13 LED Frequency (step -115) 14 LED Frequency (step -114) 15 LED Frequency (step -113) 16 LED Frequency (step -112) 17 LED Frequency (step -111) 18 LED Frequency (step -110) 19 LED Frequency (step -109) 20 LED Frequency (step -108) 21 LED Frequency (step -107) 22 LED Frequency (step -106) 23 LED Frequency (step -105) 24 LED Frequency (step -104) 25 LED Frequency (step -103) 26 LED Frequency (step -102) 27 LED Frequency (step -101) 28 LED Frequency (step -100) 29 LED Frequency (step -99) 30 LED Frequency (step -98) 31 LED Frequency (step -97) 32 LED Frequency (step -96) 33 LED Frequency (step -95) 34 LED Frequency (step -94) 35 LED Frequency (step -93) 36 LED Frequency (step -92) 37 LED Frequency (step -91) 38 LED Frequency (step -90) 39 LED Frequency (step -89) 40 LED Frequency (step -88) 41 LED Frequency (step -87) 42 LED Frequency (step -86) 43 LED Frequency (step -85) 44 LED Frequency (step -84) 45 LED Frequency (step -83) 46 LED Frequency (step -82) 47 LED Frequency (step -81) 48 LED Frequency (step -80) 49 LED Frequency (step -79) 50 LED Frequency (step -78) 51 LED Frequency (step -77) 52 LED Frequency (step -76) 53 LED Frequency (step -75)	

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
				54	LED Frequency (step -74)	
				55	LED Frequency (step -73)	
				56	LED Frequency (step -72)	
				57	LED Frequency (step -71)	
				58	LED Frequency (step -70)	
				59	LED Frequency (step -69)	
				60	LED Frequency (step -68)	
				61	LED Frequency (step -67)	
				62	LED Frequency (step -66)	
				63	LED Frequency (step -65)	
				64	LED Frequency (step -64)	
				65	LED Frequency (step -63)	
				66	LED Frequency (step -62)	
				67	LED Frequency (step -61)	
				68	LED Frequency (step -60)	
				69	LED Frequency (step -59)	
				70	LED Frequency (step -58)	
				71	LED Frequency (step -57)	
				72	LED Frequency (step -56)	
				73	LED Frequency (step -55)	
				74	LED Frequency (step -54)	
				75	LED Frequency (step -53)	
				76	LED Frequency (step -52)	
				77	LED Frequency (step -51)	
				78	LED Frequency (step -50)	
				79	LED Frequency (step -49)	
				80	LED Frequency (step -48)	
				81	LED Frequency (step -47)	
				82	LED Frequency (step -46)	
				83	LED Frequency (step -45)	
				84	LED Frequency (step -44)	
				85	LED Frequency (step -43)	
				86	LED Frequency (step -42)	
				87	LED Frequency (step -41)	
				88	LED Frequency (step -40)	
				89	LED Frequency (step -39)	
				90	LED Frequency (step -38)	
				91	LED Frequency (step -37)	
				92	LED Frequency (step -36)	
				93	LED Frequency (step -35)	
				94	LED Frequency (step -34)	
				95	LED Frequency (step -33)	
				96	LED Frequency (step -32)	
				97	LED Frequency (step -31)	
				98	LED Frequency (step -30)	
				99	LED Frequency (step -29)	
				100	LED Frequency (step -28)	
				101	LED Frequency (step -27)	
				102	LED Frequency (step -26)	
				103	LED Frequency (step -25)	
				104	LED Frequency (step -24)	
				105	LED Frequency (step -23)	
				106	LED Frequency (step -22)	
				107	LED Frequency (step -21)	
				108	LED Frequency (step -20)	
				109	LED Frequency (step -19)	
				110	LED Frequency (step -18)	
				111	LED Frequency (step -17)	
				112	LED Frequency (step -16)	
				113	LED Frequency (step -15)	
				114	LED Frequency (step -14)	
				115	LED Frequency (step -13)	
				116	LED Frequency (step -12)	
				117	LED Frequency (step -11)	
				118	LED Frequency (step -10)	
				119	LED Frequency (step -9)	
				120	LED Frequency (step -8)	
				121	LED Frequency (step -7)	
8	/	8	8	122	LED Frequency (step -6)	
				123	LED Frequency (step -5)	

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
				124	LED Frequency (step -4)	
				125	LED Frequency (step -3)	
				126	LED Frequency (step -2)	
				127	LED Frequency (step -1)	
				128	Selected LED Frequency (128=default)	
				129	LED Frequency (step +1)	
				130	LED Frequency (step +2)	
				131	LED Frequency (step +3)	
				132	LED Frequency (step +4)	
				133	LED Frequency (step +5)	
				134	LED Frequency (step +6)	
				135	LED Frequency (step +7)	
				136	LED Frequency (step +8)	
				137	LED Frequency (step +9)	
				138	LED Frequency (step +10)	
				139	LED Frequency (step +11)	
				140	LED Frequency (step +12)	
				141	LED Frequency (step +13)	
				142	LED Frequency (step +14)	
				143	LED Frequency (step +15)	
				144	LED Frequency (step +16)	
				145	LED Frequency (step +17)	
				146	LED Frequency (step +18)	
				147	LED Frequency (step +19)	
				148	LED Frequency (step +20)	
				149	LED Frequency (step +21)	
				150	LED Frequency (step +22)	
				151	LED Frequency (step +23)	
				152	LED Frequency (step +24)	
				153	LED Frequency (step +25)	
				154	LED Frequency (step +26)	
				155	LED Frequency (step +27)	
				156	LED Frequency (step +28)	
				157	LED Frequency (step +29)	
				158	LED Frequency (step +30)	
				159	LED Frequency (step +31)	
				160	LED Frequency (step +32)	
				161	LED Frequency (step +33)	
				162	LED Frequency (step +34)	
				163	LED Frequency (step +35)	
				164	LED Frequency (step +36)	
				165	LED Frequency (step +37)	
				166	LED Frequency (step +38)	
				167	LED Frequency (step +39)	
				168	LED Frequency (step +40)	
				169	LED Frequency (step +41)	
				170	LED Frequency (step +42)	
				171	LED Frequency (step +43)	
				172	LED Frequency (step +44)	
				173	LED Frequency (step +45)	
				174	LED Frequency (step +46)	
				175	LED Frequency (step +47)	
				176	LED Frequency (step +48)	
				177	LED Frequency (step +49)	
				178	LED Frequency (step +50)	
				179	LED Frequency (step +51)	
				180	LED Frequency (step +52)	
				181	LED Frequency (step +53)	
				182	LED Frequency (step +54)	
				183	LED Frequency (step +55)	
				184	LED Frequency (step +56)	
				185	LED Frequency (step +57)	
				186	LED Frequency (step +58)	
				187	LED Frequency (step +59)	
				188	LED Frequency (step +60)	
				189	LED Frequency (step +61)	
				190	LED Frequency (step +62)	
				191	LED Frequency (step +63)	
				192	LED Frequency (step +64)	
				193	LED Frequency (step +65)	
8	/	8	8			

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
				194	LED Frequency (step +66)	
				195	LED Frequency (step +67)	
				196	LED Frequency (step +68)	
				197	LED Frequency (step +69)	
				198	LED Frequency (step +70)	
				199	LED Frequency (step +71)	
				200	LED Frequency (step +72)	
				201	LED Frequency (step +73)	
				202	LED Frequency (step +74)	
				203	LED Frequency (step +75)	
				204	LED Frequency (step +76)	
				205	LED Frequency (step +77)	
				206	LED Frequency (step +78)	
				207	LED Frequency (step +79)	
				208	LED Frequency (step +80)	
				209	LED Frequency (step +81)	
				210	LED Frequency (step +82)	
				211	LED Frequency (step +83)	
				212	LED Frequency (step +84)	
				213	LED Frequency (step +85)	
				214	LED Frequency (step +86)	
				215	LED Frequency (step +87)	
				216	LED Frequency (step +88)	
				217	LED Frequency (step +89)	
				218	LED Frequency (step +90)	
				219	LED Frequency (step +91)	
				220	LED Frequency (step +92)	
				221	LED Frequency (step +93)	
				222	LED Frequency (step +94)	
				223	LED Frequency (step +95)	
				224	LED Frequency (step +96)	
				225	LED Frequency (step +97)	
				226	LED Frequency (step +98)	
				227	LED Frequency (step +99)	
				228	LED Frequency (step +100)	
				229	LED Frequency (step +101)	
				230	LED Frequency (step +102)	
				231	LED Frequency (step +103)	
				232	LED Frequency (step +104)	
				233	LED Frequency (step +105)	
				234	LED Frequency (step +106)	
				235	LED Frequency (step +107)	
				236	LED Frequency (step +108)	
				237	LED Frequency (step +109)	
				238	LED Frequency (step +110)	
				239	LED Frequency (step +111)	
				240	LED Frequency (step +112)	
				241	LED Frequency (step +113)	
				242	LED Frequency (step +114)	
				243	LED Frequency (step +115)	
				244	LED Frequency (step +116)	
				245	LED Frequency (step +117)	
				246	LED Frequency (step +118)	
				247	LED Frequency (step +119)	
				248	LED Frequency (step +120)	
				249	LED Frequency (step +121)	
				250	LED Frequency (step +122)	
				251	LED Frequency (step +123)	
				252	LED Frequency (step +124)	
				253	LED Frequency (step +125)	
				254	LED Frequency (step +126)	
				255	Selected LED Frequency	
					<b>Colour functions</b>	
					<b>Factory display menu setting: Colour mixing mode-DMX, Dimmer</b>	
					<b>Curve-Square Law, Tungsten effect simulation-Off, Chromatic white-</b>	
					<b>Off, Light output stability-Off, Uniformity-Off</b>	
				0	No function (0=default)	

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
9	7	9	9		<b>To activate following functions, stop in DMX value for at least 3 seconds. Corresponding menu items are temporarily overridden</b>	
				1-39	Reserved	
				40-44	Colour mixing mode: CMY (DMX Standard, Basic and Compatible Mode only)	
				45-49	Colour mixing mode: RGB (DMX Standard, Basic and Compatible Mode), RGBAL (DMX Extended Mode only)	
				50-54	Dimmer curve: Square law	
				55-59	Dimmer curve: Linear	
				60-64	Dimmer curve: I-Square law	
				65-69	Dimmer curve: S Curve	
				70-79	Raw DMX	
					<b>Tungsten effect simulation for whites 2700K-4200K only:</b>	
				80-84	Tungsten effect simulation (750W/80V): On	
				85-89	Tungsten effect simulation (1000W/240V): On	
				90-94	Tungsten effect simulation (1200W/240V): On	
				95-99	Tungsten effect simulation (2000W/230V): On	
				100-104	Tungsten effect simulation (2500W/230V): On	
				105-109	Tungsten effect simulation: Off	
				110-114	Reserved	
				115-119	Chromatic white: On (Use in future,now no function)	
				120-124	Chromatic white: Off (Use in future,now no function)	
				125-129	Light output stability On	
				130-134	Light output stability Off	
				135-139	Uniformity On (Use in future,now no function)	
				140-144	Uniformity Off (Use in future,now no function)	
				145-149	Reserved	
				150-154	Reserved	
				155-159	Reserved	
				160-164	Reserved	
				165-169	Reserved	
				170-174	Reserved	
				175-179	Reserved	
				180-184	Reserved	
				185-189	Reserved	
				190-194	Reserved	
				195-199	Reserved	
				200-255	Reserved	
10	8	10	10		<b>CRI selection</b>	
				0-255	CRI selection from Standard(CRI90+/R9:95+) to High light (CRI90+/R9:80) (0=default)	
					<b>Virtual Colour wheel</b>	
				0	No function	
				1-2	Filter 4 (Medium Bastard Amber)	
				3-4	Filter 10 (Medium Yellow)	
				5-6	Filter 19 (Fire)	
				7-8	Filter 26 (Bright Red)	
				9-10	Filter 58 (Lavender)	
				11-12	Filter 68 (Sky Blue)	
				13-14	Filter 71 (Tokyo Blue)	
				15-16	Filter 79 (Just Blue)	
				17-18	Filter 88 (Lime Green)	
				19-20	Filter 90 (Dark Yellow Green)	
				21-22	Filter 100 (Spring Yellow)	
				23-24	Filter 101 (Yellow)	
				25-26	Filter 102 (Light Amber)	
				27-28	Filter 103 (Straw)	
				29-30	Filter 104 (Deep Amber)	
				31-32	Filter 105 (Orange)	
				33-34	Filter 106 (Primary Red)	
				35-36	Filter 111 (Dark Pink)	
				37-38	Filter 115 (Peacock Blue)	
				39-40	Filter 116 (Medium Blue-Green)	
				41-42	Filter 117 (Steel Blue)	
				43-44	Filter 118 (Light Blue)	
				45-46	Filter 119 (Dark Blue)	
				47-48	Filter 120 (Deep Blue)	
				49-50	Filter 121 (Filter Green)	

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
11	/	11	11	51-52	Filter 128 (Bright Pink)	
				53-54	Filter 131 (Marine Blue)	
				55-56	Filter 132 (Medium Blue)	
				57-58	Filter 134 (Golden Amber)	
				59-60	Filter 135 (Deep Golden Amber)	
				61-62	Filter 136 (Pale Lavender)	
				63-64	Filter 137 (Special Lavender)	
				65-66	Filter 138 (Pale Green)	
				67-68	Filter 139 (Primary Green)	
				69-70	Filter 141 (Bright Blue)	
				71-72	Filter 147 (Apricot)	
				73-74	Filter 148 (Bright Rose)	
				75-76	Filter 152 (Pale Gold)	
				77-78	Filter 154 (Pale Rose)	
				79-80	Filter 157 (Pink)	
				81-82	Filter 158 (Deep Orange)	
				83-84	Filter 162 (Bastard Amber)	
				85-86	Filter 164 (Flame Red)	
				87-88	Filter 165 (Daylight Blue)	
				89-90	Filter 169 (Lilac Tint)	
				91-92	Filter 170 (Deep Lavender)	
				93-94	Filter 172 (Lagoon Blue)	
				95-96	Filter 179 (Chrome Orange)	
				97-98	Filter 180 (Dark Lavender)	
				99-100	Filter 181 (Congo Blue)	
				101-102	Filter 197 (Alice Blue)	
				103-104	Filter 201 (Full C.T. Blue)	
				105-106	Filter 202 (Half C.T. Blue)	
				107-108	Filter 203 (Quarter C.T. Blue)	
				109-110	Filter 204 (Full C.T. Orange)	
				111-112	Filter 205 (Half C.T. Orange)	
				113-114	Filter 206 (Quarter C.T. Orange)	
				115-116	Filter 247 (Filter Minus Green)	
				117-118	Filter 248 (Half Minus Green)	
				119-120	Filter 281 (Three Quarter C.T. Blue)	
				121-122	Filter 285 (Three Quarter C.T. Orange)	
				123-124	Filter 352 (Glacier Blue)	
				125-126	Filter 353 (Lighter Blue)	
				127-128	Filter 715 (Cabana Blue)	
				129-130	Filter 778 (Millennium Gold)	
				131-132	Filter 793 (Vanity Fair)	
					The following 35 multicolours are intended for using with prisma, rot, gobo, or effect wheel only. If none of the three effects is used, the colours will not create multicolour effect.	
				133	Multicolour 1	
				134	Multicolour 2	
				135	Multicolour 3	
				136	Multicolour 4	
				137	Multicolour 5	
				138	Multicolour 6	
				139	Multicolour 7	
				140	Multicolour 8	
				141	Multicolour 9	
				142	Multicolour 10	
				143	Multicolour 11	
				144	Multicolour 12	
				145	Multicolour 13	
				146	Multicolour 14	
				147	Multicolour 15	
				148	Multicolour 16	
				149	Multicolour 17	
				150	Multicolour 18	
				151	Multicolour 19	
				152	Multicolour 20	
				153	Multicolour 21	
				154	Multicolour 22	
				155	Multicolour 23	
				156	Multicolour 24	
				157	Multicolour 25	

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
				158	Multicolour 26	
				159	Multicolour 27	
				160	Multicolour 28	
				161	Multicolour 29	
				162	Multicolour 30	
				163	Multicolour 31	
				164	Multicolour 32	
				165	Multicolour 33	
				166	Multicolour 34	
				167	Multicolour 35	
				168	Multicolour 36	
				169	Multicolour 37	
				170	Multicolour 38	
				171	Multicolour 39	
				172	Multicolour 40	
				173	Multicolour 41	
				174	Multicolour 42	
				175	Multicolour 43	
				176	Multicolour 44	
				177	Multicolour 45	
				178	Multicolour 46	
				179	Multicolour 47	
				180	Multicolour 48	
				181	Multicolour 49	
				182	Multicolour 50	
				183	Multicolour 51	
				184	Multicolour 52	
				185	Multicolour 53	
				186	Multicolour 54	
				187	Multicolour 55	
				188	Multicolour 56	
				189	Multicolour 57	
				190	Multicolour 58	
				191	Multicolour 59	
				192	Multicolour 60	
				193	Multicolour 61	
				194	Multicolour 62	
				195	Multicolour 63	
				196	Multicolour 64	
				197	Multicolour 65	
				198	Multicolour 66	
				199	Multicolour 67	
				200	Multicolour 68	
				201	Multicolour 69	
				202	Multicolour 70	
				203-215	Reserved	
				216-217	User colour 1	
				218-219	User colour 2	
				220-221	User colour 3	
				222-223	User colour 4	
				224-225	User colour 5	
				226-227	User colour 6	
				228-229	User colour 7	
				230-231	User colour 8	
				232-233	User colour 9	
				234-235	User colour 10	
				236-245	Rainbow effect (with fade time) from slow-> fast	
				246-255	Rainbow effect (without fade time) from slow-> fast	
12	9	/	12		<b>Cyan /Red</b>	
				0-255	Cyan/Red 0%-100%	
13	/	/	13		<b>Cyan Fine/Red Fine</b>	
				0-255	Cyan fine/Red fine 0%-100%	
14	10	/	14		<b>Magenta/Green</b>	
				0-255	Magenta/Green 0%-100%	
15	/	/	15		<b>Magenta Fine /Green Fine</b>	
				0-255	Magenta fine/Green fine 0%-100%	
16	11	/	16		<b>Yellow/Blue</b>	
				0-255	Yellow/Blue 0%-100%	
17	/	/	17		<b>Yellow Fine /Blue Fine</b>	
				0-255	Yellow fine/Blue fine 0%-100%	

Channel	49 Channel	DMX	Function	Note
	/	0-255	<b>Red</b> Red 0%-100%	
	/	0-255	<b>Red Fine</b> Red fine 0%-100%	
	/	0-255	<b>Green</b> Green 0%-100%	
	/	0-255	<b>Green Fine</b> Magenta fine/Green fine 0%-100%	
	/	0-255	<b>Blue</b> Blue 0%-100%	
	/	0-255	<b>Blue Fine</b> Blue fine 0%-100%	
	/	0-255	<b>Amber</b> Amber 0%-100%	
	/	0-255	<b>Amber Fine</b> Amber fine 0%-100%	
	/	0-255	<b>Light Green</b> Light Green 0%-100%	
	/	0-255	<b>Light Green Fine</b> Light Green fine 0%-100%	
	18	0-1 2-64 65 66-109 110 111-179 180 181-229 230 231-254 255	<b>Colour temperature correction (CTC)</b> 8000K Colour temperature changing 7978 K ->6622 K (22 K /1 DMX) 6600 K Colour temperature changing 657 8K ->5622 K (22 K/1 DMX) 5600 K (110= default) Colour temperature changing 5580 K ->4220 K (20 K/1 DMX) 4200 K Colour temperature changing 4180 K ->3220 K (20 K/1 DMX) 3200 K Colour temperature changing 3180 K ->2720 K (20K /1 DMX) 2700K	
	19	0 1-127 128 129-254 255	<b>Green correction</b> Uncorrected white Minus green -> uncorrected white Uncorrected white (128= default) Uncorrected white -> Plus green Uncorrected white	
	20	0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-128 129 130-254 255	<b>Colour mix control</b> <b>Defines relation between Virtual Colour wheel and colour channels: "Virtual" = Virtual Colour Wheel "Colour mix" = Colour channels (CMY/RGBALight Green/CTC)</b> Virtual has priority over "Colour mix" (0= default) Maximum mode (highest values have priority) Minimum mode (lowest values have priority) Multiply mode (multiply "Virtual" and "Colour mix") Addition mode ("Virtual" + "Colour mix") Subtraction mode ("Virtual" - "Colour mix") Inverted Subtraction mode ("Colour mix"- "Virtual") White Point Off (CTC+Green Cor.+Virtual Colour Wheel deactivated) Reserved Crossfade "Virtual" only Crossfade between "Virtual" and "Colour mix" Crossfade "Colour mix" only	
	21	0-255	<b>Speed of rot. Gobo selection</b> Speed of rot. gobo selection from max. to min. (0= default)	
	22	0 1-255 1-255 1-50	<b>Rot. Gobo carousel/ Framing shutters/Zoom/Focus/Iris/Prost/Prism time</b> Function is off (0= default) Time of rot. Gobo carousel movement (0.1 sec-->25.5 sec.) Time of framing shutters, zoom, focus, iris and frost movement (0.1sec-->25.5 sec.) Time of prism movement (0.1 sec-->5 sec.)	Temporarily ineffective
	23	0-19 20-127 128-170 171-213 214-255	<b>Effect</b> No function (0= default) Proportional indexing (73= center) Ramping from open to full position ( max. --> min. speed) Ramping from open to half position ( max. --> min. speed) Ramp. from half position to full position ( max. --> min. speed)	

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
24	14	28	24	0 1-127 128 129-255	<b>Effect Rotation</b> No Function Forwards rotation from fast to slow No rotation (128=default) Backwards rotation from fast to slow	
25	/	29	25	0-7 8-9 10-11 12-13 14-15 16-17 18-19 20-21 22-23 24-25 26-27 28-29 30-31 32-33 34-35 36-37 38-39 40-41 42-43 44-45 46-47 48-255	<b>Effect wheel animations</b> No animation (0=default) Note : Set suitable DMX value at Focus channel to get desired animation. All animations were created at distance of 5 m from screen with zoom=88 DMX, Focus value is different for each effect (focus value is stated in parentheses for this distance)  The following channels are blocked: Effect wheel positioning, Effect wheel rotation, Rotating gobo wheel, Rot. Gobo indexing and rotation.  Macro 1 (Focus=94) Macro 2 (Focus=95) Macro 3 (Focus=96) Macro 4 (Focus=97) Macro 5 (Focus=98) Macro 6 (Focus=99) Macro 7 (Focus=100) Macro 8 (Focus=101) Macro 9 (Focus=102) Macro 10 (Focus=103) Macro 11 (Focus=103) Macro 12 (Focus=103) Macro 13 (Focus=103) Macro 14 (Focus=103) Macro 15 (Focus=103) Macro 16 (Focus=103) Macro 17 (Focus=103) Macro 18 (Focus=103) Macro 19 (Focus=103) Macro 20 (Focus=103) Reserved	
26	15	30	26	0-3 4-7 8-11 12-15 16-19 20-23 24-27 28-31 32-35 36-39 40-43 44-47 48-51 52-55 56-59 60-69 70-79 80-89 90-99 100-109 110-119 120-129 130-139 140-149 150-159 160-169 170-179 180-189	<b>Rotating gobo wheel</b> <b>Index - set indexing on channel 27/16/31/27</b> Open/hole (0=default) Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 <b>Rotation - set rotation on channel 27/16/31/27</b> Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 <b>Shaking gobos from slow to fast</b> <b>Index - set indexing on channel 27/16/31/27</b> Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 <b>Shaking gobos from slow to fast</b> <b>Rotation - set rotation on channel 27/16/31/27</b> Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6	

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
				190-199 200-201 202-222 223-243 244-249 250-255	Gobo 7 Open/hole Forwards gobo wheel rotation from fast to slow Backwards gobo wheel rotation from slow to fast Stop Auto random gobo selection from fast to slow	
27	16	31	27	0-255 0 1-127 128 129-255	<b>Rot. gobo indexing and rotation</b> <b>Gobo indexing - set position on channel 26/15/30/26</b> Gobo indexing (128=default) <b>Gobo rotation - set position on channel 26/15/30/26</b> No rotation Forwards gobo rotation from fast to slow No rotation (128=default) Backwards gobo rotation from slow to fast	
28	/	32	28	0-255	<b>Rot. gobo indexing/rotation - fine</b> Fine indexing/rotation (0=default)	
29	17	33	/	0-3 4-7 8-11 12-15 16-19 20-23 24-27 28-31 32-35 36-39 40-43 44-47 48-51 52-55 56-59 60-69 70-79 80-89 90-99 100-109 110-119 120-129 130-139 140-149 150-159 160-169 170-179 180-189 190-199 200-201 202-222 223-243 244-249 250-255	<b>Rotating gobo wheel2</b> <b>Index - set indexing on channel 30/18/34</b> Open/hole (0=default) Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 <b>Rotation - set rotation on channel 30/18/34</b> Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 <b>Shaking gobos from slow to fast</b> <b>Index - set indexing on channel 30/18/34</b> Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 <b>Shaking gobos from slow to fast</b> <b>Rotation - set rotation on channel 30/18/34</b> Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 Open/hole Forwards gobo wheel rotation from fast to slow Backwards gobo wheel rotation from slow to fast Reserved Auto random gobo selection from fast to slow	
30	18	34	/	0-255 0 1-127 128 129-255	<b>Rot. gobo2 indexing and rotation</b> <b>Gobo indexing - set position on channel 29/17/33</b> Gobo indexing (128=default) <b>Gobo rotation - set position on channel 29/17/33</b> No rotation Forwards gobo rotation from fast to slow No rotation (128=default) Backwards gobo rotation from slow to fast	
31	/	35	/	0-255	<b>Rot. gobo2 indexing/rotation - fine</b> Fine indexing/rotation (0=default)	
				0-19 20-127	<b>Prism</b> Open position - hole (0=default) Rotating prism inserted	

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
32	19	36	29	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	Prism/gobo macros: The following channels are blocked: Prism, Prism rotation, Rotating gobo	
33	20	37	30	0 No Function 1-127 Forwards prism rotation from fast to slow 128 No rotation (128=default) 129-255 Backwards prism rotation from slow to fast	<b>Prism rotation</b>	
34	21	38	31	0 Open (0=default) <b>Light Frost</b> 1-50 Light Frost from 0% to 100% 51-53 100% Light Frost 54-63 Pulse closing from slow to fast 64-73 Pulse opening from fast to slow 74-83 Ramping from fast to slow 84-86 Open <b>Medium Frost</b> 87-136 Medium Frost from 0% to 100% 137-139 100% Medium Frost 140-149 Pulse closing from slow to fast 150-159 Pulse opening from fast to slow 160-169 Ramping from fast to slow 170-172 Open <b>Combined Frost</b> 173-222 Medium Frost from 0% to 100% 223-225 100% Medium Frost 226-235 Pulse closing from slow to fast 236-245 Pulse opening from fast to slow 246-255 Ramping from fast to slow	<b>Frost</b>	
35	22	39	32	0 Open (0=default) 1-179 From max. diameter to min. diameter 180-191 Closed <b>Pulse effects with Iris blackout</b> 192-219 Pulse opening from slow to fast 220-247 Pulse closing from fast to slow 248-249 Random pulse opening (fast) 250-251 Random pulse opening (slow) 252-253 Random pulse closing (fast) 254-255 Random pulse closing (slow)	<b>Iris</b>	
36	/	40	33	0-255	<b>Iris - fine</b> Fine iris movement (0=default)	
37	23	41	34	0-255	<b>Zoom</b> Zoom from max. to min. beam angle (128=default)	
38	/	42	35	0-255	<b>ZoomFine</b> Fine Zoom positioning	
39	24	43	36	0-255	<b>Focus</b> Continuous adjustment from far to near (128=default)	
40	/	44	37	0-255	<b>Focus Fine</b> Fine Focus positioning	

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
					<b>Framing Rotation</b>	
41	25	45	38	0-127 128 129-255	Rotation from right (0° ) to 60° Center (128=default) Rotation from 60° to left (120° )	
42	26	46	39	0-255	<b>Framing shutter 1- movement</b> Movement from Outward to Inward (0=default)	
43	/	47	/	0-255	<b>Framing shutter 1 fine- movement fine</b> Movement from Outward to Inward (0=default)	
44	27	48	40	0-127 128 0-255	<b>Framing shutter 1- swivelling</b> Swivelling towards 0 degrees 0 degrees (128=default) Swivelling from 0 degrees	
45	/	49	/	0-127 128 0-255	<b>Framing shutter 1 fine- swivelling fine</b> Swivelling towards 0 degrees 0 degrees (128=default) Swivelling from 0 degrees	
46	28	50	41	0-255	<b>Framing shutter 2- movement</b> Movement from Outward to Inward (0=default)	
47	/	51	/	0-255	<b>Framing shutter 2 fine- movement fine</b> Movement from Outward to Inward (0=default)	
48	29	52	42	0-127 128 0-255	<b>Framing shutter 2- swivelling</b> Swivelling towards 0 degrees 0 degrees (128=default) Swivelling from 0 degrees	
49	/	53	/	0-127 128 0-255	<b>Framing shutter 2 fine- swivelling fine</b> Swivelling towards 0 degrees 0 degrees (128=default) Swivelling from 0 degrees	
50	30	54	43	0-255	<b>Framing shutter 3- movement</b> Movement from Outward to Inward (0=default)	
51	/	55	/	0-255	<b>Framing shutter 3 fine- movement fine</b> Movement from Outward to Inward (0=default)	
52	31	56	44	0-127 128 0-255	<b>Framing shutter 3- swivelling</b> Swivelling towards 0 degrees 0 degrees (128=default) Swivelling from 0 degrees	
53	/	57	/	0-127 128 0-255	<b>Framing shutter 3 fine- swivelling fine</b> Swivelling towards 0 degrees 0 degrees (128=default) Swivelling from 0 degrees	
54	32	58	45	0-255	<b>Framing shutter 4- movement</b> Movement from Outward to Inward (0=default)	
55	/	59	/	0-255	<b>Framing shutter 4 fine- movement fine</b> Movement from Outward to Inward (0=default)	
56	33	60	46	0-127 128 0-255	<b>Framing shutter 4- swivelling</b> Swivelling towards 0 degrees 0 degrees (128=default) Swivelling from 0 degrees	
57	/	61	/	0-127 128 0-255	<b>Framing shutter 4 fine- swivelling fine</b> Swivelling towards 0 degrees 0 degrees (128=default) Swivelling from 0 degrees	
58	34	62	47	0-31 32-63 64-95 96-127 128-143 144-159 160-191 192-223 224-255	<b>Shutter/ strobe</b> Shutter closed Shutter open (32=default) Strobe-effect from slow to fast Shutter open Opening pulse in sequences from slow to fast Closing pulse in sequences from fast to slow Shutter open Random strobe-effect from slow to fast Shutter open	
59	35	63	48	0-255	<b>Dimmer</b> Dimmer intensity from 0% to 100% (0=default)	
60	/	64	49	0-255	<b>Dimmer Fine</b> Dimmer Fine	