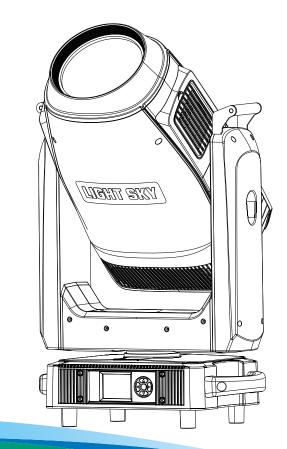


SUPER SCOPE COLOR

User Channel



Light sky

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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
					Pan	Angle: 0-540°
1	1	1	1	0-255	Pan movement/positioning	Maximum: 3.65S
2	2	2	2		Pan fine	
-	-	-	-	0-255	Fine pan positioning	
3	3	3	3		TILT	Angle: 0-270°
				0-255	Tilt movement/positioning TILT fine	Maximum: 2.28S
4	4	4	4	0-255	Fine tilt movement/positioning	
				0 200	PAN/TILT Speed, Pan/Tilt time	
				0	Standard mode (0=default)	
				1	Max. Speed Mode	
5	5	5	5	1	Pan/Tilt speed mode	
0	8	D	0	0.055		
				2-255	Speed from max. to min.	
				0.055	Pan/Tilt time mode	
				2-255	Time from 0.2 sec. to 25.5 sec.	
					Functions	
					To activate following functions, stop in DMX value for	
					at least 3 s	
				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 40-44	Zoom Forward(Default) Pan/Tilt mode: Speed(Default)	
				40 44 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 80-84	Fan mode:Standard (Default) 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	
6	6	6	6	125-129 130-139	Parking position off (Default)	
					Fixture reset(except pan/tilt) 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	
					The following three commands define transition from gobo rotation to gobo indexing:	
				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)	
					The following RoboSpot related commands are only applicable when the RoboSpot is connected: (Use in future, now no function)	
				225-229	RoboSpot enabled(Use in future, now no function)	
				230-234	RoboSpot disabled - except handle faders and pan/tilt(Use in future, now no function)	
				235-239	RoboSpot fully disabled (Use in future, now no function)	
				235-239	Disabled "Quiet mode"	
				240		
	1	1	1	241-233	Quiet mode - fan noise control from min. to max.	1

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
oo ommindi	Jo chamiol	Ja Grannol	io oranioi		LED frequency selection	1.000
					Factory display menu setting: 8000Hz	
					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 overriden.	
7	/	7	7	0-4	PWM frequency from Display menu (fixture utilizes PWM frequency set in	
				0-4	the display menu item Frequency Setup).	
				5-9	4000 Hz	
				10-14	8000 Hz (10=default)	
				15-19	16000 Hz 25000 Hz	
				20-24 25-255	25000 Hz Reserved (fixture utilizes PWM frequency set in the display menu item	
				20 200	LED frequency fine adjusting	
					Factory display menu setting: 8000Hz	
					Select desired PWM output frequency of LEDs on the channel above.	
				0-1	Selected LED Frequency	
				2	LED Frequency (step -126)	
				3	LED Frequency (step -125) LED Frequency (step -124)	
1				5	LED Frequency (step 124) LED Frequency (step -123)	
1				6	LED Frequency (step -122)	
1				7	LED Frequency (step -121)	
				8	LED Frequency (step -120)	
				9	LED Frequency (step -119)	
				10 11	LED Frequency (step -118) LED Frequency (step -117)	
				12	LED Frequency (step =117) LED Frequency (step =116)	
				13	LED Frequency (step 110) 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 20	LED Frequency (step -109) LED Frequency (step -108)	
				20	LED Frequency (step 100) 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 28	LED Frequency (step -101) LED Frequency (step -100)	
1				28 29	LED Frequency (step -100) LED Frequency (step -99)	
				30	LED Frequency (step -98)	
				31	LED Frequency (step -97)	
				32	LED Frequency (step -96)	
				33	LED Frequency (step -95)	
1				34	LED Frequency (step -94)	
				35 36	LED Frequency (step -93) LED Frequency (step -92)	
1				36	LED Frequency (step -92) LED Frequency (step -91)	
1				38	LED Frequency (step -90)	
1				39	LED Frequency (step -89)	
1				40	LED Frequency (step -88)	
1				41	LED Frequency (step -87)	
				42	LED Frequency (step -86)	
				43 44	LED Frequency (step -85)	
				44 45	LED Frequency (step -84) LED Frequency (step -83)	
				45 46	LED Frequency (step -83) LED Frequency (step -82)	
				47	LED Frequency (step -81)	
				48	LED Frequency (step -80)	
1				49	LED Frequency (step -79)	
1				50	LED Frequency (step -78)	
1				51	LED Frequency (step -77)	
				52 53	LED Frequency (step -76) LED Frequency (step -75)	
Т		I	I	55	Law frequency (seep 10)	I

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

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

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)	
				200 201	LED Frequency (step +72) LED Frequency (step +73)	
				201 202	LED Frequency (step +73) LED Frequency (step +74)	
				202	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)	
				213 214	LED Frequency (step +85) LED Frequency (step +86)	
				214 215	LED Frequency (step +86) LED Frequency (step +87)	
				215	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)	
				227 228	LED Frequency (step +99) LED Frequency (step +100)	
				228	LED Frequency (step +100)	
				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)	
				238 239	LED Frequency (step +110) LED Frequency (step +111)	
				239 240	LED Frequency (step +111) LED Frequency (step +112)	
				240 241	LED Frequency (step +112) LED Frequency (step +113)	
				241	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)	
				253 254	LED Frequency (step +125) LED Frequency (step +126)	
				254	Selected LED Frequency	
				200	Colour functions	1
					Factory display menu setting: Colour mixing mode-CMY, Dimmer	
					Curve-Square Law, Tungsten effect simulation-Off, Chromatic white- Off, Light output stability-Off, Uniformity-Off	
	I	1	I.	0	No function (0=default)	1

	35 Channel	64 Channel	49 Channel	DMX	Function	Note
					To activate following functions, stop in DMX value for at least 3	
					seconds. Corresponding menu items are temporarily overriden	
				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 55-59	Dimmer curve: Square law Dimmer curve: Linear	
				60-64	Dimmer curve: I-Square law	
				65-69	Dimmer curve: S Curve	
				70-79	Raw DMX Tungsten effect simulation for whites 2700K-4200K only:	
				80-84	Tungsten effect simulation (750W/80V): On	
				85-89	Tungsten effect simulation (1000W/240V): On	
9	7	9	9	90-94	Tungsten effect simulation (1200W/240V): On	
				95-99 100-104	Tungsten effect simulation (2000W/230V): On Tungsten effect simulation (2500W/230V): On	
				105-109	Tungsten effect simulation: Off	
				110-114	Reserved	
					Chromatic white: On (Use in future, now no function) Chromatic white: Off (Use in future, now no function)	
					Light output stability On	
				130 - 134	Light output stability Off	
					Uniformity On (Use in future, now no function)	
					Uniformity Off (Use in future, now no function) Reserved	
					Reserved	
					Reserved	
					Reserved	
					Reserved	
				175 - 179	Reserved	
				180-184	Reserved	
				185-189 190-194	Reserved Reserved	
					Reserved	
				200-255	Reserved	
10	8	10	10		CRI selection	
10	8	10	10	0-255	CRI selection from Standard(CRI90+/R9:95+) to High light (CRI90+/R9:80) (0=default)	
					Virtual Colour wheel	
				0	No function	
				1-2	Filter 4 (Medium Bastard Amber)	
				1-2 3-4		
				1-2 3-4 5-6 7-8	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Yellow) Filter 19 (Fire) Filter 26 (Bright Red)	
				1-2 3-4 5-6 7-8 9-10	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Yellow) Filter 19 (Fire) Filter 26 (Bright Red) Filter 58 (Lavender)	
				1-2 3-4 5-6 7-8 9-10 11-12	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Yellow) Filter 19 (Fire) Filter 26 (Bright Red)	
				1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Yellow) Filter 10 (Fire) Filter 26 (Bright Red) Filter 58 (Lavender) Filter 58 (Lavender) Filter 68 (Sky Blue) Filter 71 (Tokyo Blue) Filter 79 (Just Blue)	
				1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Yellow) Filter 19 (Fire) Filter 26 (Bright Red) Filter 58 (Lavender) Filter 68 (Sky Blue) Filter 71 (Tokyo Blue) Filter 71 (Just Blue) Filter 84 (Lime Green)	
				1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Yellow) Filter 26 (Bright Red) Filter 58 (Lavender) Filter 58 (Lavender) Filter 71 (Tokyo Blue) Filter 71 (Tokyo Blue) Filter 79 (Just Blue) Filter 88 (Lime Green) Filter 90 (Dark Yellow Green)	
				1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Yellow) Filter 19 (Fire) Filter 26 (Bright Red) Filter 58 (Lavender) Filter 68 (Sky Blue) Filter 71 (Tokyo Blue) Filter 71 (Just Blue) Filter 84 (Lime Green)	
				1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Vellow) Filter 26 (Bright Red) Filter 26 (Bright Red) Filter 58 (Lavender) Filter 71 (Tokyo Blue) Filter 71 (Tokyo Blue) Filter 79 (Just Blue) Filter 84 (Lime Green) Filter 80 (Dark Vellow Green) Filter 100 (Spring Vellow) Filter 101 (Vellow) Filter 102 (Light Amber)	
				1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Vellow) Filter 19 (Fire) Filter 26 (Bright Red) Filter 58 (Lavender) Filter 68 (Sky Blue) Filter 71 (Tokyo Blue) Filter 79 (Just Blue) Filter 78 (Lime Green) Filter 88 (Lime Green) Filter 100 (Spring Yellow) Filter 101 (Yellow) Filter 102 (Light Amber) Filter 103 (Straw)	
				1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Vellow) Filter 19 (Fire) Filter 26 (Bright Red) Filter 58 (Lavender) Filter 58 (Lavender) Filter 79 (Just Blue) Filter 79 (Just Blue) Filter 79 (Just Blue) Filter 90 (Dark Vellow Green) Filter 90 (Dark Vellow Green) Filter 100 (Spring Yellow) Filter 101 (Vellow) Filter 102 (Light Amber) Filter 103 (Straw) Filter 104 (Deep Amber)	
				1-2 3-4 5-6 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	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Vellow) Filter 12 (Fire) Filter 26 (Bright Red) Filter 58 (Lavender) Filter 68 (Sky Blue) Filter 71 (Tokyo Blue) Filter 71 (Tokyo Blue) Filter 79 (Just Blue) Filter 80 (Lime Green) Filter 90 (Dark Vellow Green) Filter 90 (Dark Vellow Green) Filter 100 (Syring Yellow) Filter 101 (Yellow) Filter 102 (Light Amber) Filter 104 (Deep Amber) Filter 105 (Grange) Filter 105 (Grange)	
				1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 23-24 25-26 27-28 29-30 31-32 33-34 35-36	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Bastard Amber) Filter 10 (Fire) Filter 26 (Bright Red) Filter 58 (Lavender) Filter 58 (Lavender) Filter 79 (Just Blue) Filter 79 (Just Blue) Filter 79 (Just Blue) Filter 90 (Dark Vellow Green) Filter 90 (Dark Vellow Green) Filter 90 (Jerk Vellow Green) Filter 100 (Spring Yellow) Filter 101 (Vellow) Filter 102 (Light Amber) Filter 103 (Straw) Filter 104 (Deep Amber) Filter 105 (Orange) Filter 106 (Primary Red) Filter 11 (Dark Pink)	
				1-2 3-4 5-6 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	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Bastard Amber) Filter 10 (Fire) Filter 26 (Bright Red) Filter 58 (Lavender) Filter 58 (Lavender) Filter 71 (Tokyo Blue) Filter 71 (Tokyo Blue) Filter 78 (Lime Green) Filter 90 (Dark Yellow Green) Filter 90 (Dyring Yellow) Filter 101 (Spring Yellow) Filter 103 (Straw) Filter 104 (Deep Amber) Filter 105 (Ornage) Filter 106 (Primary Red) Filter 115 (Peacock Blue)	
				1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 27-28 23-30 31-32 33-34 35-36 37-38 39-40	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Bastard Amber) Filter 10 (Fire) Filter 26 (Bright Red) Filter 58 (Lavender) Filter 58 (Lavender) Filter 79 (Just Blue) Filter 79 (Just Blue) Filter 79 (Just Blue) Filter 90 (Dark Vellow Green) Filter 90 (Dark Vellow Green) Filter 90 (Jerk Vellow Green) Filter 100 (Spring Yellow) Filter 101 (Vellow) Filter 102 (Light Amber) Filter 103 (Straw) Filter 104 (Deep Amber) Filter 105 (Orange) Filter 106 (Primary Red) Filter 11 (Dark Pink)	
				1-2 3-4 5-6 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	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Vellow) Filter 10 (Fire) Filter 26 (Bright Red) Filter 26 (Bright Red) Filter 38 (Lawender) Filter 68 (Sky Blue) Filter 71 (Tokyo Blue) Filter 78 (Lawender) Filter 78 (Ljust Blue) Filter 80 (Dark Vellow Green) Filter 100 (Spring Yellow) Filter 101 (Yellow) Filter 102 (Light Amber) Filter 103 (Straw) Filter 104 (Deep Amber) Filter 105 (Greanec) Filter 106 (Primary Red) Filter 116 (Medium Blue-Green) Filter 116 (Medium Blue-Green) Filter 116 (Light Blue)	
				1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 21-22 23-24 25-26 27-28 29-30 31-32 33-34 35-36 37-38 37-38 39-40 41-42 45-46	Filter 4 (Medium Bastard Amber) Filter 10 (Medium Vellow) Filter 19 (Fire) Filter 26 (Bright Red) Filter 36 (Sky Blue) Filter 38 (Lavender) Filter 30 (Just Blue) Filter 71 (Tokyo Blue) Filter 38 (Lime Green) Filter 30 (Just Blue) Filter 30 (Spring Vellow) Filter 100 (Spring Vellow) Filter 101 (Vellow) Filter 103 (Straw) Filter 104 (Deep Amber) Filter 105 (Orange) Filter 106 (Primary Red) Filter 115 (Peacock Blue) Filter 116 (Medium Blue-Green) Filter 116 (Steel Blue)	

0.01	or diama 1	64 <i>(</i> 1 1	40 (1 1	DATE	Burnetten	N
60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
				51-52 53-54	Filter 128 (Bright Pink) 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 81-82	Filter 157 (Pink)	
				81-82 83-84	Filter 158 (Deep Orange) Filter 162 (Bastard Amber)	
				85-86	Filter 162 (Bastard Amber) 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)	
				113-114 115-116	Filter 206 (Quarter C.T. Orange) Filter 247 (Filter Minus Green)	
				115-116 117-118	Filter 247 (Filter Minus Green) Filter 248 (Half Minus Green)	
				117-118	Filter 248 (nall minus Green) Filter 281 (Three Quarter C.T. Blue)	
				121-122	Filter 285 (Three Quarter C.T. Brue)	
				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 wil not create multicolour effect.	
				133	Multicolour 1	
				134	Multicolour 2	
				135	Multicolour 3	
				136	Multicolour 4	
				137 138	Multicolour 5 Multicolour 6	
11	/	11	11	138	Multicolour 6 Multicolour 7	
				139	Multicolour 7 Multicolour 8	
				140	Multicolour 9	
				141 142	Multicolour 10	
				143	Multicolour 11	
				143	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	
			1	154	Multicolour 22	
				155 156	Multicolour 23 Multicolour 24	

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
oo omminor	oo onaanor	or chamer	10 Olivanor	158	Multicolour 26	1000
				159	Multicolour 27	
					Multicolour 28	
				161	Multicolour 29	
				162 163	Multicolour 30 Multicolour 31	
				164	Multicolour 32	
				165	Multicolour 33	
				166	Multicolour 34	
				167	Multicolour 35	
				168	Multicolour 36	
				169	Multicolour 37	
				170 171	Multicolour 38 Multicolour 39	
				171	Multicolour 40	
				173	Multicolour 41	
				174	Multicolour 42	
				175	Multicolour 43	
				176	Multicolour 44	
				177	Multicolour 45	
				178 179	Multicolour 46	
				179	Multicolour 47 Multicolour 48	
				180	Multicolour 49	
				182	Multicolour 50	
				183	Multicolour 51	
				184	Multicolour 52	
				185	Multicolour 53	
				186 187	Multicolour 54	
				187	Multicolour 55 Multicolour 56	
				188	Multicolour 57	
				190	Multicolour 58	
				191	Multicolour 59	
				192	Multicolour 60	
				193	Multicolour 61	
				194	Multicolour 62	
				195 196	Multicolour 63 Multicolour 64	
				190	Multicolour 65	
				198	Multicolour 66	
				199	Multicolour 67	
				200	Multicolour 68	
				201	Multicolour 69	
				202	Multicolour 70	
				203-215 216-217	Reserved User colour 1	
				216-217 218-219	User colour 1 User colour 2	
				210 219 220-221	User colour 3	
				222-223	User colour 4	
					User colour 5	
					User colour 6	
					User colour 7	
					User colour 8	
					User colour 9 User colour 10	
					Rainbow effect (with fade time) from slow-> fast	
					Rainbow effect (without fade time) from slow-> fast	
12	9	1	12		Cyan /Red	
<u> </u>		,		0-255	Cyan/Red 0%-100%	
13	1	1	13	0-255	Cyan Fine/Red Fine	
				0-255	Cyan fine/Red fine 0%-100% Magenta/Green	
14	10	/	14	0-255	Magenta/Green 0%-100%	
15	1	/	15		Magenta Fine /Green Fine	
	,	,	10	0-255	Magenta fine/Green fine 0%-100%	
16	11	/	16	0-255	Yellow/Blue Yellow/Blue 0%-100%	
17		,		0 200	Yellow Fine /Blue Fine	
17	/	/	17	0255	Yellow fine/Blue fine 0%-100%	

-	40.01 1	mar		N (
nnel	49 Channel	DMX	Function	Note
	1	0-255	Red 0%-100%	
		0 233	Red Fine	
	1	0-255	Red fine 0%-100%	
		0 200	Green	
	/	0-255	Green 0%-100%	
			Green Fine	
	/	0-255	Magenta fine/Green fine 0%-100%	
			Blue	
	/	0-255	Blue 0%-100%	
			Blue Fine	
	/	0-255	Blue fine 0%-100%	
	1		Amber	
	'	0-255	Amber 0%-100%	
	1		Amber Fine	
	•	0-255	Amber fine 0%-100%	
	1	0.055	Light Green	
		0-255	Light Green 0%-100%	
	1	0-255	Light Green Fine Light Green fine 0%-100%	
		0 233	Colour temperature correction (CTC)	
		0-1	8000K	
		2-64	Colour temperature changing 7978 K ->6622 K (22 K /1 DMX)	
		65	6600 K	
		66-109	Colour temperature changing 657 8K ->5622 K (22 K/1 DMX)	
	18	110	5600 K (110=default)	
	10	111-179	Colour temperature changing 5580 K ->4220 K (20 K/1 DMX)	
		180	4200 K	
		181-229	Colour temperature changing 4180 K ->3220 K (20 K/1 DMX)	
		230	3200 K	
		231-254 255	Colour temperature changing 3180 K ->2720 K (20K /1 DMX) 2700K	
		200	Green correction	
		0	Uncorrected white	
	19	1-127	Minus green> uncorrected white	
		128	Uncorrected white (128=default)	
		129-254	Uncorrected white> Plus green	
		255	Uncorrected white	
			Colour mix control	
			Defines relation between Virtual Colour wheel and colour channels:"Virtual" = Virtual Colour Wheel"Colour mix" = Colour	
			channels (CMY/RGBALight Green/CTC)	
		0-9	-	
		0-9	Virtual has priority over "Colour mix" (O=default) Maximum mode (highest values have priority)	
		20-29	Maximum mode (nignest values nave priority) Minimum mode (lowest values have priority)	
	20	30-39	Multiply mode (multiply "Virtual" and "Colour mix")	
	20	40-49	Addition mode ("Virtual" + "Colour mix")	
		50-59	Subtraction mode ("Virtual" - "Colour mix")	
		60-69	Inverted Subtraction mode ("Colour mix"-"Virtual")	
		70-79	White Point Off (CTC+Green Cor.+Virtual Colour Wheel deactivated)	
		80-128	Reserved	
		129	Crossfade "Virtual" only	
		130-254 255	Crossfade between "Virtual" and "Colour mix" Crossfade "Colour mix" only	
		200	Speed of rot. Gobo selection	
	21	0-255	Speed of rot. gobo selection from max. to min. (0=default)	
			Rot. Gobo carousel/ Framing	Temporarily
			shutters/Zoom/Focus/Iris/Frost/Prism time	ineffective
		0	Function is off (0=default)	
	22	1-255	Time of rot. Gobo carousel movement (0.1 sec->25.5 sec.)	
		1-255	Time of framing shutters, zoom, focus, iris and frost movement	
			(0. 1sec->25. 5 sec.)	
		1-50	Time of prism movement (0.1 sec->5 sec.)	
			Effect	
		0-19	No function (0=default)	
	23	20-127	Proportional indexing (73-center)	
	23	128-170	Ramping from open to full position (max>min. speed)	
		171-213	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
					Effect Rotation	
				0	No Function	
24	14	28	24	1-127	Forwards rotation from fast to slow	
				128	No rotation (128=default)	
				129-255	Backwards rotation from fast to slow	
					Effect wheel animations	
				0-7	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.	
				8-9	Macro 1 (Focus=94)	
				10-11	Macro 2 (Focus=95)	
				12-13	Macro 3 (Focus=96)	
				14-15	Macro 4 (Focus=97)	
				16-17	Macro 5 (Focus=98)	
				18-19	Macro 6 (Focus=99)	
25	1	29	25	20-21	Macro 7 (Focus=100)	
				22-23	Macro 8 (Focus=101)	
				24-25	Macro 9 (Focus=101) Macro 9 (Focus=102)	
				26-27	Macro 10 (Focus=103)	
				28-29	Macro 11 (Focus=103)	
				30-31	Macro 12 (Focus=103)	
				32-33	Macro 13 (Focus=103)	
				34-35	Macro 14 (Focus=103)	
				36-37	Macro 15 (Focus=103)	
				38-39	Macro 16 (Focus=103)	
				40-41	Macro 17 (Focus=103)	
				42-43	Macro 18 (Focus=103)	
				44-45	Macro 19 (Focus=103)	
				46-47	Macro 20 (Focus=103)	
				48-255	Reserved	
					Rotating gobo wheel	
					Index - set indexing on channel 27/16/31/27	
				0-3	Open/hole (0=default)	
				4-7	Gobo 1	
				8-11	Gobo 2	
				12-15	Gobo 3	
				16-19	Gobo 4	
				20-23	Gobo 5	
				24-27	Gobo 6	
				28 - 31	Gobo 7	
					Rotation - set rotation on channel 27/16/31/27	
				32 - 35	Gobo 1	
				36-39	Gobo 2	
				40-43	Gobo 3	
				44-47	Gobo 4	
				48-51	Gobo 5	
				52 - 55	Gobo 6	
				56 - 59	Gobo 7	
					Shaking gobos from slow to fast	
					Index - set indexing on channel 27/16/31/27	
26	15	30	26	60-69	Gobo 1	
				70-79	Gobo 2	
				80-89	Gobo 3	
				90-99	Gobo 4	
				100-109	Gobo 5	
				110-119	Gobo 6	
				120-129	Gobo 7	
					Shaking gobos from slow to fast	
					Rotation - set rotation on channel 27/16/31/27	
				130-139	Gobo 1	
				140 - 149	Gobo 2	
				150 - 159	Gobo 3	
	1			160-169	Gobo 4	
				170 - 179	Gobo 5	

60 Gaunel 50 Gaunel 64 Gaunel 90 Gaunel <t< th=""><th>Nota</th><th>Function</th><th>DMX</th><th>49 Channel</th><th>64 Channel</th><th>SE Channel</th><th>60 Channel</th></t<>	Nota	Function	DMX	49 Channel	64 Channel	SE Channel	60 Channel
29 17 33 / 600	Note	Function		47 Unannéi	0% Unannél	35 Unannél	ou unannéi
29 17 33 1/ 53 1/ 54 5/ 50 5 1 4 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5							
29 17 33 7 8 9 10 223-23 100 random golo solection from slow to fast 9 27 18 31 27 00 70 600 infacting or est position on channel 20/15/30/26 10 28 / 32 28 0 38 100 ratio 10 19 18 31 27 0 500 infacting or est position on channel 20/15/30/26 10 28 / 32 28 - 80 position (128-default) 10 19/2 50 backwards golo rotation (7m slow to fast 10 10 12 Forwards golo rotation from slow to fast 29 17 33 28 0 80 100 ration 10 10 104 - 32 8 - 80 100 ration 10							
201 201 Stop S							
29 15 24 250-250 Note reades goods selection from fast to slow 16 27 16 31 27 0 550 indexing - set position on channel 26/15/30/26 600 28 / 32 28 600 rotation -set position on channel 28/15/30/26 10 28 / 32 28 0-255 Backwords good rotation from fast to slow 10 28 / 32 28 0-255 Backwords good rotation from fast to slow 10 29 / 32 28 0-255 Backwords good rotation 10 19-125 Backwords good rotation (28-dotation - fins 10 10 10 10 29 / 32 28 0-25 Backwords good rotation of the fination of the f							
27 16 31 27 16 31 27 28 / 32 28							
27 16 31 27							
27 18 31 27 0 6-25 Folder formation or est position on channel 28/15/39/26 28 / 32 28 0 50 rotation 70 70 28 / 32 28 Ext. gold Subscription on channel 28/15/39/26 70 70 28 / 32 28 Ext. gold Subscription on Channel 28/15/39/26 70 28 / 32 28 Ext. gold Subscription on Channel 28/15/39/26 70 28 / 32 28 Ext. gold Subscription on Channel 38/15/34 70 -7 Gold Subscription on Channel 39/16/4 -7 70 70 70 -8 10 Gold Subscription on Channel 30/18/34 70 70 70 -7 Gold Subscription on Channel 30/18/34 70 70 70 -8 10 Gold Subscription on Channel 30/18/34 70 70 -7 Gold Subscription on Channel 30/18/34 70 70 70 -8 Gold Subscription on Channel 30/18/34 70 70 70 -8 Gold Subscrip Chance <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
27 16 31 27 0 be rotation - set position on channel 26/15/30/26 1-127 Forwards gate rotation (22+default) 129-255 Backwards gate rotation (12+default) 129-255 28 / 32 28 0-255 File poly indicing/rotation (02+default) 129-255 28 / 32 28 0-255 File poly indicing/rotation (02+default) 1 28 / 32 28 0-255 File poly indicing/rotation (02+default) 1 39 17 53 / 0 1 100 2 1 29 17 53 / 60-1 5 2 1 0 2 1							
27 10 31 27 0 to rotation 121 70 rotation (12#default) 12 For rotation (12#default) 129 28 / 32 28 0 0.255 129 258 Act spbb inhering/rotation (0=default) Index: set indexing rotation (0=default) 1 28 / 32 28 0 0.255 Fine indexing rotation (0=default) 1605 -est indexing rotation (0=default) 1 1 1 1 17 18 18 1600 2 1 1 16-19 1600 4 2 1 1 1 16-19 12 1 1 1 1 1 12-17 300 7 1 1 1 1 1 12-15 100 1 1 1 1 1 1 1 12-12 100 1 1 1 1 1 1 1 1 12-15 100 1 1 1 1 1 1 1 1 1							
28 / 32 28 / 32 28 / 32 28 / 32 28 / 32 28 / 32 28 / 32 28 / 32 28 / 32 28 / 32 28 / 32 28 / 32 28 / 32 28 / 32 28 / 32 28 / 32 28 / 8 10 10 12 15 10 1				27	31	16	27
28 / 32 28 - 128 No rotation (128-default) - 28 / 32 28 St. spbs indexing rotation from alow to fast - 28 / 32 28 St. spbs indexing rotation (0-default) - 28 / 32 28 Stating gobo thesi2 Index - set indexing on channel 30/18/4 - 30 ////////////////////////////////////			1-127				
28 / 32 28 0-255 Backwards golo rotation from slow to fast fine indexing/rotation (0-default) Image: Comparison of the co							
28 / 32 28 bot. glob indexing/rotation (-fine 9 / 32 28 0-255 Fine indexing/rotation (Ordefault) Botating golo wheel2 Index - set indexing on channel 30/18/34 0-3 Botating golo wheel2 Index - set indexing on channel 30/18/34 0-3 Botating golo wheel2 1 161 6do 1 3-10 6do 1 3-34 29 17 33 / 6do 1 3-35 29 17 33 / 6do 1 3-35 100-19 6do 1 3-35 6do 1 3-35 117 33 / 6do 5 5-49 6do 1 116-19 6do 1 3-35 6do 1 3-35 116 10 6do 5 1-35 6do 1 3-35 116 10 6do 1 1-36 1-36 1-36 116 10 6do 1 1-36 1-36 1-36 117 33 / 6do 1 1-36							
28 / 32 28 0-25 First indexing from the indexing (no default) Index - set indexing on channel 30/18/34 0-3 Botating golo wheel2 Index - set indexing on channel 30/18/34 0-3 0-3 Open/Infe (0-default) 4-7 Golo 1 8-11 Golo 2 12-15 Golo 3 16-19 Golo 4 2-2-35 Golo 7 Botation - set rotation on channel 30/18/34 22-35 Golo 2 4-7 Golo 3 29 17 33 / 60-69 Golo 7 Botation - set rotation on channel 30/18/34 4-47 29 17 33 / 60-69 Golo 1 5-2-55 Golo 6 100-109 Golo 2 -20-3 Golo 2 -20-3 Golo 2 -20-3 100-109 Golo 2 Golo 3 -20-25 Golo 3 -20-25 Golo 1 100-109 Golo 2 Golo 3 -20-25 Golo 6 -20-25 -20-25 100-109 Golo 6 120-125 Golo 7 -20-25 -20-25 -20-25 100-109 Golo 6 120-125 Golo 7 <				1			
29 17 33 / 60-3 0-3 0-3 0-3 0-3 0-3 0-3 0-3 0-3 0-3				28	32	/	28
29 17 33 / 60-3 (9-3) 100-2 (9-2) 100-109<							
29 17 33 / 6bb 1 29 17 33 / 6bb 1 20 10 6bb 1 6bb 1 20 6bb 1 6bb 3 6bb 1 20-23 6bb 5 6bb 1 6bb 1 20-23 6bb 6 2 7 8-11 6bb 7 7 7 8-23 6bb 1 3 7 8-39 60b 2 6bb 3 7 8-30 60b 2 6bb 3 7 8-31 6bb 1 6bb 3 7 8-39 60b 2 6bb 3 7 7 8-31 60b 5 5 5 5 52-55 60b 6 7 8 8 7 8-39 60b 2 7 8 8 7 6 90-99 60b 3 9 9 9 9 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7							
29 17 33 / 600 1 600 1 29 17 33 / 600 2 1 29 17 33 / 600 2 1 100-19 600 7 Retion - set rotation on channel 30/18/34 32-35 600 7 29 17 33 / 600 6 28-31 600 7 100-13 600 3 1 600 3 1 600 7 29 17 33 / 600 6 6 6 29 17 33 / 600 6 6 6 6 100-19 600 7 Staking golos from slow to fast 1							
29 17 33 / 600 2 600 2 2 600 2 2 600 6 2 2 600 6 2 2 600 6 2 2 600 6 2 2 600 6 2 2 6							
29 17 33 / 600 3 20 17 33 / 600 3 29 17 33 / 600 7 Backing gobos from slow to fast 144-7 600 4 10-19 600 6 600 3 29 17 33 / 600 7 Backing gobos from slow to fast 1144-7 600 4 144-17 600 6 600 1 100-109 600 2 600 1 100-109 600 5 600 3 90-99 600 4 3 100-109 600 5 600 1 100-109 600 5 1 100-109 600 5 1 110-119 600 6 1 100-109 600 5 1 110-119 600 6 1 100-109 600 7 1 100-109 600 7 1 100-109 600 7 1 100-109 600 7 1 100-109 600 7 1 100-109 600 7 1 <td></td> <td>Gobo 2</td> <td></td> <td></td> <td></td> <td></td> <td></td>		Gobo 2					
29 17 33 / 600 1 29 17 33 / 600 1 80 10 600 3 1 80 17 33 / 600 1 80 17 53 / 600 1 80 17 53 / 600 1 80 17 53 / 600 1 80 10 600 1 600 1 80 10 600 1 600 1 80 10 600 1 600 1 100-109 600 1 600 1 1 100-109 600 1<							
29 17 33 / 600 5 24-27 600 6 28-37 600 7 Botestion - set rotation on channel 30/18/34 600 1 36-39 600 2 600 3 40-43 600 4 44-47 600 4 600 5 55-55 600 6 56-59 600 7 Staking gobos from slow to fast 1 100-109 600 1 600 1 600 1 600 1 100-109 600 5 600 1 600 1 600 1 100-109 600 5 600 1 600 1 600 1 100-109 600 5 600 1 600 1 600 1 100-109 600 5 1 600 1 600 1 100-109 600 5 1 100-19 600 5 100-199 600 5 1 100-19 600 5 100-199 600 5 1 100-19 600 5 100-199 600 5 1 100-19 600 5 100-199 600 5 1 100-19 600 5 100-199 600 5 1 100-19 600 5							
29 17 33 / 600 f 29 17 33 / 600 f 36:39 600 2 600 3 600 3 600 3 600 3 600 3 600 3 600 4 600 4 600 4 600 3 107 33 / 600 5 52-55 600 6 52-55 600 6 56-59 500 7 Staking gobos from slow to fast 108-19 600 2 600 1 600 1 600 1 100-19 600 6 600 1 600 2 600 3 100-19 600 6 100-19 600 5 56-59 Staking gobos from slow to fast Rotation - set rotation on channel 30/18/34 600 1 100-19 600 1 100-19 100-19 600 5 100-19 600 1 100-19 600 1 100-19 100-19 600 1 100-19 600 1 100-19 600 1 100-19 100-19 600 1 100-19 600 1 100-19 600 1 100-19 100-19 100-19 600 5 100-19 600 5							
29 17 33 / Sobo 7 29 17 33 / Gob 1 10-19 Gob 3 Gob 3 Gob 3 44-47 Gob 6 Gob 7 29 17 33 / Gob 6 56-59 Gob 7 Gob 7 Shaking gobs from slow to fast Index - set indexing on channel 30/18/34 100-199 Gob 2 80-89 Gob 3 101-19 Gob 6 102-19 Gob 7 Shaking gobs from slow to fast 101-19 Gob 6 102-19 Gob 7 Shaking gobs from slow to fast 101-19 Gob 6 120-19 Gob 7 Shaking gobs from slow to fast 101-19 Gob 6 120-19 Gob 7 Shaking gobs from slow to fast 101-19 Gob 7 Shaking gobs from slow to fast 100-199 Gob 7 Shaking gobs from slow to fast 100-199 Gob 7 Shaking gobs from slow to fast 100-199 Gob 7 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
29 17 33 / 600 1 29 17 33 / 600 1 100-19 600-1 500-5 52-55 600-6 52-55 600-7 500-7 52-55 600-7 52-56 600-7 500-7 500-7 500-7 600-9 600-1 500-9 500-1 500-7 80-80 600-2 600-3 600-3 600-3 100-19 600-2 600-3 600-3 600-3 100-19 600-7 500-6 500-7 500-6 100-19 600-7 500-7 500-7 500-7 70-79 600-1 500-7 500-7 500-7 100-19 600-7 500-7 500-7 500-7 100-19 600-7 500-7 500-7 500-7 100-19 600-7 500-7 500-7 500-7 100-19 600-7 500-7 500-7 500-7 100-19 600-7 600-7 600-7 600-7 100-19							
29 17 33 / 60b 1 29 17 33 / 60b 1 100-19 56-39 50b 5 52-55 50b 6 52-55 50b 0 56-59 50b 7 Shaking gobos from slow to fast Index - set indexing on channel 30/18/34 100-10 100-109 50b 1 50b 1 50b 1 100-109 50b 1 50b 1 50b 1 100-19 50b 1 50b 1 50b 1 100-19 50b 1 50b 1 50b 1 100-19 50b 6 50b 1 50b 1 100-19 50b 6 50b 1 50b 1 100-19 50b 6 5 5 100-19 50b 1 50b 1 50b 1 100-19 50b 1 50b 1 5 100-19 50b 1 5 5 100-19 50b 1 5 5 100-19 50b 1 5 5 100-19 5 5 5 100-19 5 5 5 100-19 5		Rotation - set rotation on channel 30/18/34					
29 17 33 / 60-69 60-5 52-55 60-60 5 55-55 60-60 56-59 60-60 7 Saking goos from slow to fast 104:19 70-79 60-69 60-1 100-109 60-60 60-69 60-69 100-109 60-60 60-69 60-69 100-109 60-60 60-69 60-69 100-109 60-60 60-69 60-69 100-109 60-60 60-69 60-69 100-109 60-60 60-69 60-69 100-109 60-60 60-69 60-69 100-109 60-60 60-69 60-69 100-109 60-60 60-69 60-69 100-109 60-60 60-69 60-69 100-109 60-60 10-19 60-69 120-129 60-60 10-19 60-6 120-129 60-60 10-19 60-6 120-129 60-60 10-19 60-6 120-129 60-60 10-19 10-19<							
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29 17 33 / Index - set indexing on channel 30/18/34 29 17 33 / 60-9 Gobo 1 70-73 Gobo 2 Gobo 2 Gobo 3 9-99 Gobo 4 100-109 Gobo 5 110-119 Gobo 6 100-109 Gobo 7 80-89 Gobo 7 Staking gobos from slow to fast 80-39 100-109 Gobo 7 80-10-109 Gobo 7 Staking gobos from slow to fast 80-49 100-109 Gobo 1 100-109 Gobo 6 100-109 Gobo 7 100-109 Gobo 1 100-109 100-109 Gobo 7 Staking gobos from slow to fast 80-14 100-139 100-139 100-109 Gobo 1 Gobo 1 100-139 Gobo 1 100-139 100-14 100-139 Gobo 1 Gobo 3 100-139 Gobo 1 100-139 100-14 100-139 Gobo 6 100-139 Gobo 7 100-14 100-14 100-14 100-139 Gobo 7 Cobo 7 100-14 100-14 100-14 100-14 100-14 100-14		Shaking gobos from slow to fast					
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30 18 34 / 10-119 Gobo 6 120-129 Gobo 7 Shaking gobos from slow to fast Botation - set rotation on channel 30/18/34 30/18/34 130-139 Gobo 1 140-149 Gobo 2 160-169 Gobo 3 160-169 Gobo 4 170-179 Gobo 5 160-169 Gobo 6 180-189 Gobo 7 200-201 Open/hole 202-222 Forwards gobo wheel rotation from fast to slow 223-243 28-255 Auto random gobo selection from fast to slow 244-249 260-255 Gobo indexing - set position on channel 29/17/33 0-255 00-255 Gobo indexing - set position on channel 29/17/33 0-255		Gobo 4	90-99				
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30 18 34 / 10 10 100		Gobo 6	110-119				
30 18 34 / 10 10 100		Gobo 7	120-129				
30 18 34 7 Extation - set rotation on channel 30/18/34 130-139 Gobo 1 140-139 Gobo 2 140-149 Gobo 2 150-159 Gobo 3 150-159 Gobo 4 170-179 Gobo 5 160-169 Gobo 7 200-201 0pen/hole 202-222 Forwards gobo wheel rotation from fast to slow 223-243 224-249 Reserved 226-255 240-250 Jukor random gobo selection from fast to slow 20-255 Gobo indexing - set position on channel 29/17/33							
30 18 34 7 Gobo indexing - set position on channel 29/17/33 30 18 34 7 Gobo indexing - set position on channel 29/17/33							
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30 18 34 / 150-159 Gobo 3 160-169 Gobo 4 170-179 Gobo 5 180-189 Gobo 7 180-189 Gobo 7 000-201 Open/hole 202-222 Forwards gobo wheel rotation from fast to slow 223-243 Backwards gobo wheel rotation from fast to slow 223-243 Backward (128-default) 260-255 Huto random gobo selection from fast to slow Bot indexing - set position on channel 29/17/33 00-255 Gobo indexing - set position on channel 29/17/33 Gobo rotation - set position on channel 29/17/33		Gobo 2	140-149				
30 18 34 / 100-179 Gobo 5 Gobo 6 190-199 Gobo 7 30 18 34 / 100-199 Gobo 7 200-201 Open/hole 202-202 Forwards gobo wheel rotation from fast to slow 223-243 Backwards gobo wheel rotation from form form to fast 244-249 Backwards gobo selection from fast to slow 250-255 Auto random gobo selection from form form fast to slow 250-255 Gobo indexing - set position on channel 29/17/33 0-255 Gobo indexing - set position on channel 29/17/33		Gobo 3					
30 18 34 / 180-189 Gobo 6 190-199 Gobo 7 200-201 Open/hole 202-221 Forwards gobo wheel rotation from fast to slow 223-243 Backwards gobo wheel rotation from slow to fast 24-249 Reserved 250-255 Auto random gobo selection from fast to slow 0-255 Gobo indexing - set position on channel 29/17/33		Gobo 4	160-169				
30 18 34 4 4 190-199 Gobo 7 200-201 Open/hole 200-201 Open/hole 200-222 Forwards gobo wheel rotation from fast to slow 222-243 Backwards gobo wheel rotation from fast to slow 223-243 Backwards gobo selection from fast to slow 244-249 Reserved 250-255 Muto random gobo selection from fast to slow Gobo indexing - set position on channel 29/17/33 0-255 Gobo indexing (128-default)		Gobo 5	170-179				
30 18 34 4 200-201 Open/hole 202-222 Forwards gobo wheel rotation from fast to slow 223-243 Backwards gobo wheel rotation from fast to slow 244-249 Reserved 250-255 Auto random gobo selection from fast to slow Bob indexing and rotation Gobo indexing and rotation Gobo rotation - set position on channel 29/17/33		Gobo 6	180-189				
202-222 Forwards gobo wheel rotation from fast to slow 223-243 Backwards gobo wheel rotation from slow to fast 244-29 Reserved 250-255 Auto random gobo selection from fast to slow 260-255 Auto random gobo selection from fast to slow 86t. gobo indexing and rotation Gobo indexing - set position on channel 29/17/33 0-255 Gobo indexing (128-default) Gobo rotation - set position on channel 29/17/33		Gobo 7	190-199				
30 18 34 44 243-243 Backwards gobo wheel rotation from slow to fast 244-249 Reserved 250-255 Auto random gobo selection from fast to slow 8 Rot. gobo2 indexing and rotation Gobo indexing - set position on channel 29/17/33 Gobo indexing (128-default) Gobo rotation - set position on channel 29/17/33		0pen/hole	200-201				
244-249 Reserved 250-255 kuto random gobo selection from fast to slow Rot. gobo2 indexing and rotation Gobo indexing - set position on channel 29/17/33 0-255 Gobo rotation - set position on channel 29/17/33 Gobo rotation - set position on channel 29/17/33		Forwards gobo wheel rotation from fast to slow	202-222				
Both 250-255 Auto random gobo selection from fast to slow Rot. gobo2 indexing and rotation Gobo indexing - set position on channel 29/17/33 Gobo indexing (128-default) Gobo rotation - set position on channel 29/17/33							
30 18 34 / Rot. gobo2 indexing and rotation Gobo indexing - set position on channel 29/17/33 Gobo rotation - set position on channel 29/17/33		Reserved			, I		
30 18 34 / Gobo indexing - set position on channel 29/17/33 Gobo indexing (128-default) Gobo rotation - set position on channel 29/17/33		Auto random gobo selection from fast to slow	250-255				
30 18 34 / Gobo indexing - set position on channel 29/17/33 Gobo indexing (128-default) Gobo rotation - set position on channel 29/17/33		Rot. gobo2 indexing and rotation					-
30 18 34 / Gobo rotation - set position on channel 29/17/33		Gobo indexing - set position on channel 29/17/33					
		Gobo indexing (128=default)	0-255				
0 No rotation		Gobo rotation - set position on channel 29/17/33			94	19	30
		No rotation	0	/	97	10	30
1-127 Forwards gobo rotation from fast to slow		Forwards gobo rotation from fast to slow	1-127				
128 No rotation (128=default)		No rotation (128=default)	128				
129-255 Backwards gobo rotation from slow to fast		Backwards gobo rotation from slow to fast	129-255				
31 / 35 / Rot. gobo2 indexing/rotation - fine				,	35	,	91
31 / 30 / 0-255 Fine indexing/rotation (0=default)		Fine indexing/rotation (0=default)	0-255	/	30	/	31
Prisa							
0-19 Open position - hole (0=default)							
20-127 Rotating prism inserted		Rotating prism inserted	20-127	ı İ	.		

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
					Prism/gobo macros: The following channels are blocked: Prism, Prism rotation, Rotating	
					gobo	
					Macro 1	
					Macro 2	
	19				Macro 3	
				152-159 160-167	Macro 4 Macro 5	
32		36	29	160-167	Macro 6	
				176-183	Macro 7	
				184-191	Macro 8	
				192-199	Macro 9	
				200-207	Macro 10	
					Macro 11	
					Macro 12	
					Macro 13	
					Macro 14 Macro 15	
					Macro 16	
				210 200	Prism rotation	
				0	No Function	
33	20	37	30	1-127	Forwards prism rotation from fast to slow	
				128	No rotation (128=default)	
				129-255	Backwards prism rotation from slow to fast	
		38	31	0	Frost	
				0	Open (0=default)	
				1-50	Light Frost Light Frost from 0% to 100%	
					100% Light Frost	
	21				Pulse closing from slow to fast	
				64-73	Pulse opening from fast to slow	
				74-83	Ramping from fast to slow	
				84-86	Open	
					Medium Frost	
34				87-136	Medium Frost from 0% to 100%	
				137-139 140-149	100% Medium Frost Pulse closing from slow to fast	
				150-159	Pulse opening from fast to slow	
				160-169	Ramping from fast to slow	
1					Open	
					Combined Frost	
					Medium Frost from 0% to 100%	
					100% Medium Frost	
					Pulse closing from slow to fast	
				246-255	Pulse opening from fast to slow Ramping from fast to slow	
				210 200	Iris	
				0	Open (O=default)	
				1 - 179	From max.diameter to min.diameter	
				180-191	Closed	
•-					Pulse effects with Iris blackout	
35	22	39	32		Pulse opening from slow to fast	
					Pulse closing from fast to slow Random pulse opening (fast)	
					Kandom pulse opening (Iast) Random pulse opening (slow)	
					Random pulse opening (slow) Random pulse closing (fast)	
				254-255	Random pulse closing (slow)	
A -					Iris - fine	
36	/	40	33	0-255	Fine iris movement (O=default)	
a -	<i>a</i> -				Zoom	
37	23	41	34	0-255	Zoom from max. to min.beam angle (128=default)	
	,				ZoomFine	
38	/	42	35	0-255	Fine Zoom positioning	
					Focus	
39	24	43	36	0.055		
				0-255	Continuous adjustment from far to near (128=default)	
40	,	44	37		Focus Fine	
40	/	44	37	0-255	Fine Focus positioning	
		I	1			

60 Channel	35 Channel	64 Channel	49 Channel	DMX	Function	Note
					Framing Rotation	
41	25	45	38	0-127	Rotation from right (0°) to 60°	
41	20	10		128	Center (128=default)	
				129 - 255	Rotation from 60° to left (120°)	
42	26	46	39		Framing shutter 1- movement	
				0-255	Movement from Outward to Inward (O=default)	
43	1	47	1		Framing shutter 1 fine- movement fine	
				0-255	Movement from Outward to Inward (O=default)	
44	27	48	40		Framing shutter 1- swivelling	
				0-127	Swivelling towards 0 degrees	
				128	0 degrees (128=default)	
				0-255	Swivelling from 0 degrees	
					Framing shutter 1 fine- swivelling fine	
				0-127	Swivelling towards 0 degrees	
45	/	49	/	128	0 degrees (128=default)	
				0-255	Swivelling from 0 degrees	
				0 200	Framing shutter 2- movement	
46	28	50	41	0-255	Movement from Outward to Inward (0=default)	
47	1	51	1		Framing shutter 2 fine- movement fine	
71	,	01	,	0-255	Movement from Outward to Inward (O=default)	
48	29	52	42	0-127	Framing shutter 2- swivelling Swivelling towards 0 degrees	
				128	Swivelling towards 0 degrees 0 degrees (128=default)	
				0-255	Swivelling from 0 degrees	
	/	53	,		Framing shutter 2 fine- swivelling fine	
49				0-127	Swivelling towards 0 degrees	
	÷			128 0-255	0 degrees (128=default) Swivelling from 0 degrees	
				0-255	Framing shutter 3- movement	
50	30	54	43	0-255	Movement from Outward to Inward (O=default)	
51	1	55	1		Framing shutter 3 fine- movement fine	
••	,			0-255	Movement from Outward to Inward (0=default) Framing shutter 3- swivelling	
	31	56	44	0-127	Swivelling towards 0 degrees	
52				128	0 degrees (128=default)	
				0-255	Swivelling from 0 degrees	
					Framing shutter 3 fine- swivelling fine	
53	/	57	1	0-127 128	Swivelling towards 0 degrees 0 degrees (128=default)	
				0-255	Swivelling from 0 degrees	
54	32	58	45		Framing shutter 4- movement	
5	32	00	70	0-255	Movement from Outward to Inward (O=default)	
55	1	59	1	0-255	Framing shutter 4 fine- movement fine	
				U=255	Movement from Outward to Inward (0=default) Framing shutter 4- swivelling	
EC				0-127	Swivelling towards 0 degrees	
56	33	60	46	128	0 degrees (128=default)	
				0-255	Swivelling from 0 degrees	
	/	61	/	0-127	Framing shutter 4 fine- swivelling fine Swivelling towards 0 degrees	
57				128	Swivelling towards 0 degrees 0 degrees (128=default)	
				0-255	Swivelling from 0 degrees	
			47		Shutter/ strobe	
		62		0-31	Shutter closed	
				32-63 64-95	Shutter open (32=default) Strobe-effect from slow to fast	
				64-95 96-127	Strobe-effect from slow to fast Shutter open	
58	34				Opening pulse in sequences from slow to fast	
				144 - 159	Closing pulse in sequences from fast to slow	
				160-191	Shutter open	
				192-223	Random strobe-effect from slow to fast	
				224-255	Shutter open Dimmer	
59	35	63	48	0-255	Dimmer Dimmer intensity from 0% to 100% (0=default)	
		64	49		Dimmer Fine	
60	/					