Tetra2™ RGBA - DMX protocol

Version: 1.1 Mode 1-Wash, Mode 2-Pattern, Mode 3-Pixel RGB, Mode 4-Pixel RGBA, Mode 5-Pattern full RGB, Mode 6-Pattern full RGBA

Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
1	**1**	**1**	**1**	**1**	**1**		**Tilt (8 bit)**	
						0 - 255	Tilt movement by 191° (128=default)	proportional
2	**2**	**2**	**2**	**2**	**2**		**Tilt fine (16 bit)**	
						0 - 255	Fine control of tilt movement (0=default)	proportional
3	**3**	**3**	**3**	**3**	**3**		**Tilt speed , Tilt time**	
						0	Standard mode (0=default)	step
						1	Max. Speed Mode	step
							Tilt speed mode	
						2 - 255	Speed from max. to min.	proportional
							Tilt time mode	
						2 - 255	Time from 0.2 s to 25.5 sec.	proportional
4	**4**	**4**	**4**	**4**	**4**		**Power/Special functions**	
						0 -9	Reserved (0=default)	
							To activate following functions, stop in DMX value for at least 3 s and shutter must be closed at least 3 sec. („Master Shutter/Strobe" channel 33/54/41/41/54/54 must be at range: 0-31 DMX). Corresponding menu items are temporarily overriden (unless otherwise stated).	
						10-14	DMX input: Wired DMX	step
						15-19	DMX input: Wireless DMX *	step
						20-24	Graphic display: On	step
						25-29	Graphic display: Off	step
						30-34	RGBA colour mixing mode	step
						35-39	CMY colour mixing mode	step
						40-44	Tilt speed mode	step
						45-49	Tilt time mode	step
						50-54	Blackout while tilt moving	step
						55-59	Disabled blackout while tilt moving	step
						60-64	Dimmer curve:Square law	step
						65-69	Dimmer curve: Linear	step
						70-74	Fans mode: Auto	step
						75-79	Fans mode: High	step
						80-84	White point 8000K: On	step
						85-89	White point 8000K: Off	step
						90-94	Automatic amber pixel On	step
						95-99	Automatic amber pixel Off	step
						100-104	Quiet mode: Fans On at blackout	step
						105-109	Quiet mode: Fans Off at blackout	step
						110-114	Kling-Net: On	step
						115-119	Kling-Net: Off	step
						120-124	Parking position: On	step
						125-129	Parking position: Off	step
							To activate following functions, stop in DMX value for at least 3 seconds (except Pixel index and Pixel mirror). Corresponding menu items are temporarily overriden.	
						130 - 139	Fixture reset (except pan/tilt)	

Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
						140 - 149	Tilt reset	step
						150 - 159	Zoom reset	step
						160 - 169	Flower effects reset	step
						170-171	Tungsten effect simulation (750W): On **	step
						172-173	Tungsten effect simulation (1000W): On **	step
						174-175	Tungsten effect simulation (1200W): On **	step
						176-177	Tungsten effect simulation (2000W): On **	step
						178-179	Tungsten effect simulation (2500W): On **	step
						180-181	Tungsten effect simulation: Off	step
						182-199	Reserved	
						200 - 209	Total fixture reset	step
						210-227	Pixel index	proportional
						228-229	Pixel mirror: On	step
						230-231	Pixel mirror: Off	step
						232-236	Reserved	
						237	Save Pixel index and mirror to fixture	step
						238-239	Reserved	
						240	Disabled "Quiet mode"	step
						241 - 255	Quiet mode - fan noise control from min. to max.	proportional
5	**5**	**5**	**5**	**5**	**5**		**LED frequency selection**	
							Factory display menu setting: 300Hz	
							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.	
						0-4	PWM frequency from Display menu (fixture utilizes PWM	step
							frequency set in the display menu item Frequency Setup).	
						5-9	300 Hz (5=default)	step
						10-14	Reserved	
						15-19	600 Hz	step
						20-255	Reserved (fixture utilizes PWM frequency set in the display menu item	
							Frequency Setup).	
6	**6**	**6**	**6**	**6**	**6**		**LED frequency fine adjusting**	
							Factory display menu setting: 300Hz	
							Select desired PWM output frequency of LEDs on the channel above.	
						0-121	Selected LED Frequency	step
						122	LED Frequency (step -6)	step
						123	LED Frequency (step -5)	step
						124	LED Frequency (step -4)	
						125	LED Frequency (step -3)	step
						126	LED Frequency (step -2)	step
						127	LED Frequency (step -1)	step
						128	Selected LED Frequency (128=default)	step
						129	LED Frequency (step +1)	step
						130	LED Frequency (step +2)	step
						131	LED Frequency (step +3)	step
						132	LED Frequency (step +4)	
						133	LED Frequency (step +5)	step
						134	LED Frequency (step +6)	step

Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
						135-255	Selected LED Frequency	step
7	7	7	7	7	7		**Background -Virtual colour wheel**	
						0	No function (0=default)	step
						1-2	Filter 4 (Medium Bastard Amber)	step
						3-4	Filter 25 (Sunset Red)	step
						5-6	Filter 19 (Fire)	step
						7-8	Filter 26 (Bright Red)	step
						9-10	Filter 58 (Lavender)	step
						11-12	Filter 68 (Sky Blue)	step
						13-14	Filter 36 (Medium Pink)	step
						15-16	Filter 89 (Moss Green)	step
						17-18	Filter 88 (Lime Green)	step
						19-20	Filter 90 (Dark Yellow Green)	step
						21-22	Filter 49 (Medium Purple)	step
						23-24	Filter 52 (Light Lavender)	step
						25-26	Filter 102 (Light Amber)	step
						27-28	Filter 103 (Straw)	step
						29-30	Filter 140 (Summer Blue)	step
						31-32	Filter 124 (Dark Green)	step
						33-34	Filter 106 (Primary Red)	step
						35-36	Filter 111 (Dark Pink)	step
						37-38	Filter 115 (Peacock Blue)	step
						39-40	Filter 126 (Mauve)	step
						41-42	Filter 117 (Steel Blue)	step
						43-44	Filter 118 (Light Blue)	step
						45-46	Filter 122 (Fern Green)	step
						47-48	Filter 182 (Light Red)	step
						49-50	Filter 121 (Filter Green)	step
						51-52	Filter 128 (Bright Pink)	step
						53-54	Filter 131 (Marine Blue)	step
						55-56	Filter 132 (Medium Blue)	step
						57-58	Filter 134 (Golden Amber)	step
						59-60	Filter 135 (Deep Golden Amber)	step
						61-62	Filter 136 (Pale Lavender)	step
						63-64	Filter 137 (Special Lavender)	step
						65-66	Filter 138 (Pale Green)	step
						67-68	Filter 798 (Chrysalis Pink)	step
						69-70	Filter 141 (Bright Blue)	step
						71-72	Filter 147 (Apricot)	step
						73-74	Filter 148 (Bright Rose)	step
						75-76	Filter 152 (Pale Gold)	step
						77-78	Filter 154 (Pale Rose)	step
						79-80	Filter 157 (Pink)	step
						81-82	Filter 143 (Pale Navy Blue)	step
						83-84	Filter 162 (Bastard Amber)	step
						85-86	Filter 164 (Flame Red)	step
						87-88	Filter 165 (Daylight Blue)	step
						89-90	Filter 169 (Lilac Tint)	step

Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
						91-92	Filter 170 (Deep Lavender)	step
						93-94	Filter 172 (Lagoon Blue)	step
						95-96	Filter 194 (Surprise Pink)	step
						97-98	Filter 180 (Dark Lavender)	step
						99-100	Filter 181 (Congo Blue)	step
						101-102	Filter 197 (Alice Blue)	step
						103-104	Filter 201 (Full C.T. Blue)	step
						105-106	Filter 202 (Half C.T. Blue)	step
						107-108	Filter 203 (Quarter C.T. Blue)	step
						109-110	Filter 204 (Full C.T. Orange)	step
						111-112	Filter 219 (Fluorescent Green)	step
						113-114	Filter 206 (Quarter C.T. Orange)	step
						115-116	Filter 247 (Filter Minus Green)	step
						117-118	Filter 248 (Half Minus Green)	step
						119-120	Filter 281 (Three Quarter C.T. Blue)	step
						121-122	Filter 285 (Three Quarter C.T. Orange)	step
						123-124	Filter 352 (Glacier Blue)	step
						125-126	Filter 353 (Lighter Blue)	step
						127-128	Filter 507 (Madge)	step
						129-130	Filter 778 (Millennium Gold)	step
						131-132	Filter 793 (Vanity Fair)	step
						133-235	Raw DMX	proportional
						236-245	Rainbow effect (with fade time) from slow-> fast	proportional
						246-255	Rainbow effect (without fade time) from slow-> fast	proportional
8	**8**	**8**	**8**	**8**	**8**		**Background - Red/Cyan (8 bit)*** **	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
*	**9**	**9**	**9**	**9**	**9**		**Background - Red/Cyan (16bit)*** **	
						0 - 255	Colour saturation control - fine (255=default)	proportional
9	**10**	**10**	**10**	**10**	**10**		**Background - Green/Magenta (8 bit)*** **	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
*	**11**	**11**	**11**	**11**	**11**		**Background - Green/Magenta (16bit) *** **	
						0 - 255	Colour saturation control - fine (255=default)	proportional
10	**12**	**12**	**12**	**12**	**12**		**Background - Blue/Yellow (8 bit)*** **	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
*	**13**	**13**	**13**	**13**	**13**		**Background - Blue/ Yellow (16bit)*** **	
						0 - 255	Colour saturation control - fine (255=default)	proportional
11	**14**	**14**	**14**	**14**	**14**		**Background - Amber (8 bit) - all pixels**	
							If RGBA mode is selected:	
						0-255	Colour saturation control - coarse 0-100% (255=default)	proportional
							If CMY mode is selected:	
						0 - 255	No function	
*	**15**	**15**	**15**	**15**	**15**		**Background - Amber (16 bit) - all pixels**	
						0 - 255	Colour saturation control - fine (255=default)	proportional
12	**16**	**16**	**16**	**16**	**16**		**Background - CTO**	
						0-255	Col. temperature correction from 8000K to 2700K -for whites only	proportional
							(0=8000K, 64=5600K, 128=4200K, 192=3200K, 255=2700K)	

Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
							To get colour temperatures stated above, RGBA channels have to be set at the same value (e.g. 255DMX) or RGB=0 and White channel > 0 DMX (0=default)	
							(To activate Tungsten effect at 2700K and 3200K , set DMX value at "Power/Special functions" channel)	
13	**17**	**17**	**17**	**17**	**17**		**Background - Shutter/ strobe**	
						0 - 31	Shutter closed	step
						32 - 63	Shutter open (32=default)	step
						64 - 95	Strobe effect from slow to fast	proportional
						96 - 127	Shutter open	step
						128 - 143	Opening pulse in sequences from slow to fast	proportional
						144 - 159	Closing pulse in sequences from fast to slow	proportional
						160 - 191	Shutter open	step
						192 - 223	Random strobe effect from slow to fast	proportional
						224 - 255	Shutter open	step
14	**18**	**18**	**18**	**18**	**18**		**Background - Dimmer intensity (8 bit)**	
						0 - 255	Dimmer intensity from 0% to 100% (255=default)	proportional
*	**19**	**19**	**19**	**19**	**19**		**Background Dimmer intensity - fine (16 bit)**	
						0 - 255	Fine dimming (255=default)	proportional
15	**20**	**20**	**20**	**20**	**20**		**Colour Mix control**	
							The channel defines relation between color channels	
							IF Flower effect is active, its colour channels always have priority!	
							Global = Global Colours (RGBA colours, Virtual Colour Wheel, CTO)	
							Pixel = Pixel Colours (RGB individual pixels or Kling-Net)	
						0-9	Global colours (Global has priority)	
						10-19	Maximum mode (highest values have priority)	step
						20-29	Minimum mode (lowest values have priority)	step
						30-39	Multiply mode (multiply Global and Pixel)	step
						40-49	Addition mode (Global + Pixel) (45=default)	step
						50-59	Subtraction mode (Global – Pixel)	step
						60-69	Inverted Subtraction mode (Pixel – Global)	step
						70-79	Coloured background	step
						80-127	Raw DMX	proportional
						128	Global colours only (Global has priority)	step
						129-254	Crossfade (crossfade between Global and Pixel)	proportional
						255	Pixel colours (Pixel has priority)	step
16	**21**	**21**	**21**	**21**	**21**		**Flower Effect 1**	
						0	Open position-without Flower Effect (0=default)	step
						1 - 127	Flower Effect forwards rotation from fast to slow	proportional
						128	Flower Effect -without rotation	step
						129-255	Backwards rotation from slow to fast	proportional
17	**22**	**22**	**22**	**22**	**22**		**Flower Effect 1 - Red/Cyan (8 bit)**	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
18	**23**	**23**	**23**	**23**	**23**		**Flower Effect 1 - Green/Magenta (8 bit)**	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
19	**24**	**24**	**24**	**24**	**24**		**Flower effect 1 - Blue/Yellow (8 bit)**	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
20	**25**	**25**	**25**	**25**	**25**		**Flower Effect 1 - Amber (8 bit)**	

Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
						0-255	Colour saturation control - coarse 0-100% (255=default)	proportional
21	**26**	**26**	**26**	**26**	**26**		**Flower Effect 1 - Shutter/ strobe**	
						0 - 31	Shutter closed	step
						32 - 63	Shutter open (32=default)	step
						64 - 95	Strobe-effect from slow to fast	proportional
						96 - 127	Shutter open	step
						128 - 143	Opening pulse in sequences from slow to fast	proportional
						144 - 159	Closing pulse in sequences from fast to slow	proportional
						160 - 191	Shutter open	step
						192 - 223	Random strobe-effect from slow to fast	proportional
						224 - 255	Shutter open	step
22	**27**	**27**	**27**	**27**	**27**		**Flower Effect 1 - Dimmer intensity (8 bit)**	
						0 - 255	Dimmer intensity from 0% to 100% (255=default)	proportional
23	**28**	**28**	**28**	**28**	**28**		**Flower Effect 2**	
						0	Open position-without Flower Effect (0=default)	step
						1 - 127	Flower Effect forwards rotation from fast to slow	proportional
						128	Flower Effect -without rotation	step
						129-255	Backwards rotation from slow to fast	proportional
24	**29**	**29**	**29**	**29**	**29**		**Flower Effect 2 - Red/Cyan (8 bit)**	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
25	**30**	**30**	**30**	**30**	**30**		**Flower Effect 2 - Green/Magenta (8 bit)**	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
26	**31**	**31**	**31**	**31**	**31**		**Flower effect 2 - Blue/Yellow (8 bit)**	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
27	**32**	**32**	**32**	**32**	**32**		**Flower Effect 2 - Amber (8 bit)**	
						0-255	Colour saturation control - coarse 0-100% (255=default)	proportional
28	**33**	**33**	**33**	**33**	**33**		**Flower Effect 2 - Shutter/ strobe**	
						0 - 31	Shutter closed	step
						32 - 63	Shutter open (32=default)	step
						64 - 95	Strobe-effect from slow to fast	proportional
						96 - 127	Shutter open	step
						128 - 143	Opening pulse in sequences from slow to fast	proportional
						144 - 159	Closing pulse in sequences from fast to slow	proportional
						160 - 191	Shutter open	step
						192 - 223	Random strobe-effect from slow to fast	proportional
						224 - 255	Shutter open	step
29	**34**	**34**	**34**	**34**	**34**		**Flower Effect 2 - Dimmer intensity (8 bit)**	
						0 - 255	Dimmer intensity from 0% to 100% (255=default)	proportional
30	**35**	**35**	**35**	**35**	**35**		**Master Zoom**	
							The relation between Master zoom and Zoom 1/Zoom2 is LTP (Latest Takes Precedence). If you send the change of the zooms within the same DMX frame, the Zoom 1/Zoom 2 will have priority.	
						0-255	Zoom from max. to min.beam angle (128=default)	proportional
*	**36**	**36**	**36**	**36**	**36**		**Master Zoom - fine**	
						0-255	Fine zooming (0=default)	proportional
31	**37**	**37**	**37**	**37**	**37**		**Zoom 1**	
						0-255	Zoom from max. to min.beam angle (128=default)	proportional
*	**38**	**38**	**38**	**38**	**38**		**Zoom 1 - fine**	

Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
						0-255	Fine zooming (0=default)	proportional
32	**39**	**39**	**39**	**39**	**39**		**Zoom 2**	
						0-255	Zoom from max. to min.beam angle (128=default)	proportional
*	**40**	**40**	**40**	**40**	**40**		**Zoom 2- fine**	
						0-255	Fine zooming (0=default)	proportional
*	**41**	*	*	**41**	**41**		**Pattern selection**	
						0-2	No pattern (0=default)	
						3-4	Pattern 1	step
						5-6	Pattern 2	step
						7-8	Pattern 3	step
						9-10	Pattern 4	step
						11-12	Pattern 5	step
						13-14	Pattern 6	step
						15-16	Pattern 7	step
						17-18	Pattern 8	step
						19-20	Pattern 9	step
						21-22	Pattern 10	step
						23-24	Pattern 11	step
						25-26	Pattern 12	step
						27-255	RAW DMX	proportional
*	**42**	*	*	**42**	**42**		**Pattern - Repeat (Size)**	
						0-2	Variant 1 (0=default)	step
						3-4	Variant 2	step
						5-6	Variant 3	step
						7-8	Variant 4	step
						9-10	Variant 5	step
						11-12	Variant 6	step
						13-14	Variant 7	step
						15-16	Variant 8	step
						17-18	Variant 9	step
						19-20	Variant 10	step
						21-22	Variant 11	step
						23-24	Variant 12	step
						25-26	Variant 13	step
						27-28	Variant 14	step
						29-30	Variant 15	step
						31-32	Variant 16	step
						33-34	Variant 17	step
						35-255	Raw DMX	proportional
*	**43**	*	*	**43**	**43**		**Pattern - Movement**	
						0	No movement	step
						1-127	Pattern movement from fast to slow	proportional
						128	Pause - without movement (128=default)	step
						129-255	Backwards pattern movement from slow to fast	proportional
*	**44**	*	*	**44**	**44**		**Pattern - Fade**	
						0	Snap (0=default)	step
						1-255	Fade from min. to max.	proportional
*	**45**	*	*	**45**	**45**		**Pattern -Transition**	

Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
						0	No fade (0=default)	step
						1	100ms	step
							:	
						255	4 sec	step
*	**46**	*	*	**46**	**46**		**Pattern - Crossfade**	
						0	Background	step
						1-255	Crossfade between Background and Pattern 0-100% (255=default)	proportional
*	**47**	*	*	**47**	**47**		**Pattern - Red (8-bit)**	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
*	**48**	*	*	**48**	**48**		**Pattern - Green (8-bit)**	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
*	**49**	*	*	**49**	**49**		**Pattern - Blue (8-bit)**	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
*	**50**	*	*	**50**	**50**		**Pattern - Amber (8-bit)**	
						0 - 255	Colour saturation control - coarse 0-100% (255=default)	proportional
*	**51**	*	*	**51**	**51**		**Pattern - Colour macro**	
						0-2	No macro (0=default)	step
							Macros 2-23 allow control of colour change speed from max. to min.	
						3-8	Macro 1	step
						9-14	Macro 2	proportional
						15-20	Macro 3	proportional
						21-26	Macro 4	proportional
						27-32	Macro 5	proportional
						33-38	Macro 6	proportional
						39-44	Macro 7	proportional
						45-50	Macro 8	proportional
						51-56	Macro 9	proportional
						57-62	Macro 10	proportional
						63-68	Macro 11	proportional
						69-74	Macro 12	proportional
						75-80	Macro 13	proportional
						81-86	Macro 14	proportional
						87-92	Macro 15	proportional
						93-98	Macro 16	proportional
						99-104	Macro 17	proportional
						105-110	Macro 18	proportional
						111-116	Macro 19	proportional
						117-122	Macro 20	proportional
						123-128	Macro 21	proportional
						129-134	Macro 22	proportional
						135-140	Macro 23	proportional
						141-255	Raw DMX	proportional
*	**52**	*	*	**52**	**52**		**Pattern - Shutter/ strobe**	
						0 - 31	Shutter closed	step
						32 - 63	Shutter open (32=default)	step
						64 - 95	Strobe effect from slow to fast	proportional
						96 - 127	Shutter open	step

Mode/channel						DMX Value	Function	Type of control
1	2	3	4	5	6			
						128 - 143	Opening pulse in sequences from slow to fast	proportional
						144 - 159	Closing pulse in sequences from fast to slow	proportional
						160 - 191	Shutter open	step
						192 - 223	Random strobe effect from slow to fast	proportional
						224 - 255	Shutter open	step
*	53	*	*	53	53		**Pattern - Dimmer intensity (8 bit)**	
						0 - 255	Dimmer intensity from 0% to 100% (255=default)	proportional
33	54	41	41	54	54		**Master Shutter/ strobe**	
						0 - 31	Shutter closed	step
						32 - 63	Shutter open (32=default)	step
						64 - 95	Strobe effect from slow to fast	proportional
						96 - 127	Shutter open	step
						128 - 143	Opening pulse in sequences from slow to fast	proportional
						144 - 159	Closing pulse in sequences from fast to slow	proportional
						160 - 191	Shutter open	step
						192 - 223	Random strobe effect from slow to fast	proportional
						224 - 255	Shutter open	step
34	55	42	42	55	55		**Master Dimmer intensity (8 bit)**	
						0 - 255	Dimmer intensity from 0% to 100% (0=default)	proportional
*	56	43	43	56	56		**Master Dimmer intensity - fine (16 bit)**	
						0 - 255	Fine dimming (0=default)	proportional
*	*	44	44	57	57		**Red pixel 1**	
						0-255	Red LED saturation control 0-100% (0=default)	proportional
*	*	45	45	58	58		**Green pixel 1**	
						0-255	Green LED saturation control 0-100% (0=default)	proportional
*	*	46	46	59	59		**Blue pixel 1**	
						0-255	Blue LED saturation control 0-100% (0=default)	proportional
*	*	*	47	*	60		**Amber pixel 1**	
						0-255	Amber LED saturation control 0-100% (0=default)	proportional
							:	
*	*	95	112	108	125		**Red pixel 18**	
						0-255	Red LED saturation control 0-100% (0=default)	proportional
*	*	96	113	109	126		**Green pixel 18**	
						0-255	Green LED saturation control 0-100% (0=default)	proportional
*	*	97	114	110	127		**Blue pixel 18**	
						0-255	Blue LED saturation control 0-100% (0=default)	proportional
*	*	*	115	*	128		**Amber pixel 18**	
						0-255	Amber LED saturation control 0-100% (0=default)	proportional

* function is active only 10 seconds after switching the fixture on

** In the Tungsten effect simulation the Dimmer channel imitates behaviour of the halogen lamp during dimming

*** Select RGB or CMY mixing mode on channel "Power/Special functions"

****You can adjust selected frequency in 6 steps Up or Down around selected frequency - see table below.

Default value of PWM frequency set in the fixture is 300 Hz.

Robin Tetra 1/Tetra 2 RGBA - colours on Virtual Colour Wheel				
Colour name	**Red** (DMX)	**Green** (DMX)	**Blue** (DMX)	**Amber** (DMX)
Filter 4 (Medium Bastard Amber)	162	118	17	0
Filter 25 (Sunset Red)	255	50	0	3
Filter 19 (Fire)	255	13	0	0
Filter 26 (Bright Red)	255	0	0	0
Filter 58 (Lavender)	54	30	40	0
Filter 68 (Sky Blue)	42	195	100	0
Filter 36 (Medium Pink)	214	74	9	0
Filter 89 (Moss Green)	69	245	0	3
Filter 88 (Lime Green)	187	226	0	0
Filter 90 (Dark Yellow Green)	0	255	1	0
Filter 49 (Medium Purple)	255	0	27	0
Filter 52 (Light Lavender)	227	172	45	60
Filter 102 (Light Amber)	233	164	0	0
Filter 103 (Straw)	169	137	7	0
Filter 140 (Summer Blue)	0	144	27	73
Filter 124 (Dark Green)	29	255	0	12
Filter 106 (Primary Red)	242	1	1	0
Filter 111 (Dark Pink)	255	105	26	43
Filter 115 (Peacock Blue)	0	255	29	18
Filter 126 (Mauve)	255	0	39	0
Filter 117 (Steel Blue)	165	255	29	0
Filter 118 (Light Blue)	0	250	54	14
Filter 122 (Fern Green)	98	255	3	2
Filter 182 (Light Red)	255	16	2	0
Filter 121 (Filter Green)	165	255	0	0
Filter 128 (Bright Pink)	255	26	14	0
Filter 131 (Marine Blue)	73	245	26	0
Filter 132 (Medium Blue)	0	193	113	0
Filter 134 (Golden Amber)	191	83	0	0
Filter 135 (Deep Golden Amber)	255	52	0	0
Filter 136 (Pale Lavender)	164	128	32	0
Filter 137 (Special Lavender)	135	112	58	0
Filter 138 (Pale Green)	108	192	11	65
Filter 798 (Chrysalis Pink)	49	0	98	10
Filter 141 (Bright Blue)	8	176	62	0
Filter 147 (Apricot)	215	104	0	13
Filter 148 (Bright Rose)	255	37	12	0
Filter 152 (Pale Gold)	161	112	8	0
Filter 154 (Pale Rose)	166	107	10	0
Filter 157 (Pink)	255	90	15	0
Filter 143 (Pale Navy Blue)	12	193	68	55
Filter 162 (Bastard Amber)	181	150	12	0
Filter 164 (Flame Red)	255	27	0	3
Filter 165 (Daylight Blue)	48	217	72	0
Filter 169 (Lilac Tint)	150	144	20	26
Filter 170 (Deep Lavender)	241	149	48	0
Filter 172 (Lagoon Blue)	0	255	54	0

Colour name	Red (DMX)	Green (DMX)	Blue (DMX)	Amber (DMX)
Filter 194 (Surprise Pink)	164	158	52	0
Filter 180 (Dark Lavender)	88	60	102	19
Filter 181 (Congo Blue)	37	0	255	0
Filter 197 (Alice Blue)	107	220	129	0
Filter 201 (Full C.T. Blue)	141	255	58	34
Filter 202 (Half C.T. Blue)	108	255	46	147
Filter 203 (Quarter C.T. Blue)	236	255	30	3
Filter 204 (Full C.T. Orange)	230	125	3	7
Filter 219 (Fluorescent Green)	101	169	23	0
Filter 206 (Quarter C.T. Orange)	211	184	15	0
Filter 247 (Filter Minus Green)	255	199	35	42
Filter 248 (Half Minus Green)	136	233	35	75
Filter 281 (Three Quarter C.T. Blue)	173	255	69	38
Filter 285 (Three Quarter C.T. Orange)	187	134	7	0
Filter 352 (Glacier Blue)	35	141	48	0
Filter 353 (Lighter Blue)	29	115	35	18
Filter 507 (Madge)	255	31	0	0
Filter 778 (Millennium Gold)	255	65	0	0
Filter 793 (Vanity Fair)	255	21	15	0