

Kino Flo True Match® 4.0 Firmware DMX Mapping WHITE MODE



CHANNEL FUNCTION

Channel	8 BIT DIMMING	16 BIT DIMMING
BASE ADDRESS (BA)	Dimming	Dimming (Least Significant Byte)
BASE ADDRESS + 1	Kelvin (CCT)	Dimming (Most Significant Byte)
BASE ADDRESS + 2	Green/Magenta	Kelvin (CCT)
BASE ADDRESS + 3	N / A	Green/Magenta

8 bit/16 bit dimming and square/linear dimming can be set in the DMX menu

MODE: White mode 8-Bit (default)

Channel name	DMX From	DMX To	Channel	No. Fnc	Function
Dimming-square (default)			BA	2	
0 to 3.9	0	50			Linear
4 to 100	51	255			$100*((DMX/255)^2)$
Dimming-linear			BA	1	
0 to 100	0	255			Linear
Kelvin (CCT)			BA+1	1	
2700k to 6500k	0	255			Linear
Green/Magenta			BA+2	8	
Off	0	3			Off
0 G/M	4	11			0
100 M	12	22			100
99M to 1 M	23	121			Linear
0 G/M	122	133			0
1G to 99G	134	232			Linear
100G	233	243			100
0 G/M	244	255			0

MODE: White mode 16-Bit

Channel name	DMX From	DMX To	Channel	No. Fnc	Function
Dimming-square (default)			BA-BA+1	4	
0	0	0			0
>0 to 0.1	1	344			Linear
.11 to 3.9	345	13106			$(DMX/13107)*4$
4 to 100	13107	65535			$100*((DMX/65535)^2)$
Dimming-linear			BA-BA+1	3	
0	0	0			0
>0 to .1	1	68			0.1
.11 to 100	69	255			Linear
Kelvin (CCT)			BA+2	1	
2700k to 6500k	0	255			Linear
Green/Magenta			BA+3	8	
Off	0	3			Off
0 G/M	4	11			0
100 M	12	22			100
99M to 1 M	23	121			Linear
0 G/M	122	133			0
1G to 99G	134	232			Linear
100G	233	243			100
0 G/M	244	255			0

Kino Flo True Match® 4.0 Firmware DMX Mapping

GELS / HUE COLOR MODE



CHANNEL FUNCTION

Channel	8 BIT DIMMING	16 BIT DIMMING
BASE ADDRESS (BA)	Dimming	Dimming (Least Significant Byte)
BASE ADDRESS + 1	Kelvin (CCT)	Dimming (Most Significant Byte)
BASE ADDRESS + 2	Green/Magenta	Kelvin (CCT)
BASE ADDRESS + 3	Gel List	Green/Magenta
BASE ADDRESS + 4	Hue Angle	Gel List
BASE ADDRESS + 5	Saturation	Hue Angle
BASE ADDRESS + 6	N / A	Saturation

8 bit/16 bit dimming and square/linear dimming can be set in the DMX menu

MODE: Gels/Hue mode 8-bit (default)

Channel name	DMX From	DMX To	Channel	No. Fnc	Function
Dimming-square (default)			BA	2	
0 to 3.9	0	50			Linear
4 to 100	51	255			$100*((DMX/255)^2)$
Dimming-linear			BA	1	
0 to 100	0	255			Linear
Kelvin (CCT)			BA+1	2	
2500k to 6500k	0	200			Linear
6501K to 9900	201	255			Linear
Green/Magenta			BA+2	8	
Off	0	3			Off
0 G/M	4	11			0
100 M	12	22			100
99M to 1 M	23	121			Linear
0 G/M	122	133			0
1G to 99G	134	232			Linear
100G	233	243			100
0 G/M	244	255			0
* Gel List			BA+3	1	
See Gel List	0	232			See Gel List
** Hue Angle			BA+4	1	
0 to 360	0	255			$DMX*(360/255)$
** Saturation			BA+5	1	
0 to 100	0	255			$DMX*(100/255)$

* Gel List only active when Green/Magenta < 3

** Hue angle and Saturation only active when Green/Magenta and Gel list < 3

MODE: Gels/Hue mode 16-Bit

Channel name	DMX From	DMX To	Channel	No. Fnc	Function
Dimming-square (default)			BA-BA+1	4	
0	0	0			0
>0 to 0.1	1	344			0.1
.11 to 3.9	345	13106			$(DMX/13107)*4$
4 to 100	13107	65535			$100*((DMX/65535)^2)$
Dimming-linear			BA-BA+1	3	
0	0	0			0
>0 to 0.1	1	68			0.1
.11 to 100	69	255			
Kelvin (CCT)			BA+2	2	
2500k to 6500k	0	200			Linear
6501K to 9900	201	255			Linear
Green/Magenta			BA+3	8	
Off	0	3			Off
0 G/M	4	11			0
100 M	12	22			100
99M to 1 M	23	121			Linear
0 G/M	122	133			0
1G to 99G	134	232			Linear
100G	233	243			100
0 G/M	244	255			0
* Gel List			BA+4	1	
See Gel List	0	232			See Gel List
** Hue Angle			BA+5	1	
0 to 360	0	255			$DMX*(360/255)$
** Saturation			BA+6	1	
0 to 100	0	255			$DMX*(100/255)$

Kino Flo True Match® 4.0 Firmware DMX Mapping

GELS / HUE COLOR MODE



KINO FLO
Lighting Systems

GEL LIST

Active if Green / Magenta < 3

DMX VALUE	GEL	DMX VALUE	GEL	DMX VALUE	GEL	DMX VALUE	GEL
0-4	Off	60-61	Dark Salmon	118-119	Pale Green	176-177	Special Lavender
4-5	KF Candle Flame	62-63	Fire	120-121	Leaf Green	178-179	Pale Violet
6-7	KF Flo Warm White	64-65	Sunset Red	122-123	Fern Green	180-181	Just Blue
8-9	KF Flo Cool White	66-67	Pale Gold	124-125	Primary Green	182-183	Violet
10-11	KF LP Sodium Vpr	68-69	English Rose	126-127	Moss Green	184-185	Dark Blue
12-13	KF Mercury Vpr	70-71	Bastard Amber	128-129	Dark Y Green	186-187	Surprise Pink
14-15	KF 20K Blue Sky	72-73	Surprise Peach	130-131	Dark Green	188-189	Deeper Blue
16-17	KF Green Screen	74-75	Deep Gld Amber	132-133	Marine Blue	190-191	Special M Blue
18-19	KF Blue Screen	76-77	Dark Amber	134-135	Peacock Blue	192-193	Zenith Blue
20-21	Smokey Pink	78-79	Apricot	136-137	Med Blue-Green	194-195	Light Lavender
22-23	Dark Magenta	80-81	Gold Amber	138-139	Sp Steel Blue	196-197	Palace Blue
24-25	Bright Rose	82-83	Cosmetic Peach	140-141	Lagoon Blue	198-199	Lilac Tint
26-27	Pale Salmon	84-85	Deep Orange	142-143	Steel Blue	200-201	Deep Blue
28-29	Light Rose	86-87	Chocolate	144-145	Lighter Blue	202-203	Lavender Tint
30-31	Light Salmon	88-89	Orange	146-147	Summer Blue	204-205	Pale Lavender
32-33	Magenta	90-91	White Flame	148-149	Light Blue	206-207	Dark Lavender
34-35	Pink	92-93	Medium Amber	150-151	Moonlight Blue	208-209	Lavender
36-37	Rosy Amber	94-95	Pale Amber Gold	152-153	Pale Blue	210-211	Deep Lavender
38-39	Pale Red	96-97	Chrome Orange	154-155	Pale Navy Blue	212-213	Congo Blue
40-41	Scarlet	98-99	Straw Tint	156-157	Mist Blue	214-215	Rose Purple
42-43	Loving Amber	100-101	Straw	158-159	Bright Blue	216-217	Mauve
44-45	Pale Rose	102-103	Deep Straw	160-161	True Blue	218-219	Rose Pink
46-47	Medium Red	104-105	Deep Amber	162-163	Dark Steel Blue	220-221	Follies Pink
48-49	Gold Tint	106-107	Light Amber	164-165	Daylight Blue	222-223	Bright Pink
50-51	M Bastard Amber	108-109	Yellow	166-167	Slate Blue	224-225	Middle Rose
52-53	Bright Red	110-111	Medium Yellow	168-169	Medium Blue	226-227	Medium Pink
54-55	Flame Red	112-113	Spring Yellow	170-171	Sky Blue	228-229	Light Pink
56-57	Primary Red	114-115	Pale Yellow	172-173	Paler Lavender	230-231	Dark Pink
58-59	Light Red	116-117	Lime Green	174-175	Alice Blue	232-233	Flesh Pink

Kino Flo True Match® 4.0 Firmware DMX Mapping

RGB COLOR MODE



CHANNEL FUNCTION

Channel	8 BIT DIMMING	16 BIT DIMMING
BASE ADDRESS (BA)	Dimming	Dimming (Least Significant Byte)
BASE ADDRESS + 1	Kelvin (CCT)	Dimming (Most Significant Byte)
BASE ADDRESS + 2	Green/Magenta	Kelvin (CCT)
BASE ADDRESS + 3	Red	Green/Magenta
BASE ADDRESS + 4	Green	Red
BASE ADDRESS + 5	Blue	Green
BASE ADDRESS + 6	N / A	Blue

8 bit/16 bit dimming and square/linear dimming can be set in the DMX menu

MODE: RGB Mode 8-bit (default)

Channel name	DMX From	DMX To	Channel	No. Fnc	Function
Dimming-square (default)			BA	2	
0 to 3.9	0	50			Linear
4 to 100	51	255			$100*((DMX/255)^2)$
Dimming-linear			BA	1	
0 to 100	0	255			Linear
Kelvin (CCT)			BA+1	2	
2500k to 6500k	0	200			Linear
6501K to 9900	201	255			Linear
Green/Magenta			BA+2	8	
Off	0	3			Off
0 G/M	4	11			0
100 M	12	22			100
99M to 1 M	23	121			Linear
0 G/M	122	133			0
1G to 99G	134	232			Linear
100G	233	243			100
0 G/M	244	255			0
* Red			BA+3	1	
0 to 255	0	255			Linear
* Green			BA+4	1	
0 to 255	0	255			Linear
* Blue			BA+5	1	
0 to 255	0	255			Linear

MODE: RGB mode 16-Bit

Channel name	DMX From	DMX To	Channel	No. Fnc	Function
Dimming-square (default)			BA-BA+1	4	
0	0	0			0
>0 to 0.1	1	344			0.1
.11 to 3.9	345	13106			$(DMX/13107)*4$
4 to 100	13107	65535			$100*((DMX/65535)^2)$
Dimming-linear			BA-BA+1	3	
0	0	0			0
>0 to 0.1	1	68			0.1
.11 to 100	69	255			Linear
Kelvin (CCT)			BA+2	2	
2500k to 6500k	0	200			Linear
6501K to 9900	201	255			Linear
Green/Magenta			BA+3	8	
Off	0	3			Off
0 G/M	4	11			0
100 M	12	22			100
99M to 1 M	23	121			Linear
0 G/M	122	133			0
1G to 99G	134	232			Linear
100G	233	243			100
0 G/M	244	255			0
* Red			BA+4	1	
0 to 255	0	255			Linear
* Green			BA+5	1	
0 to 255	0	255			Linear
* Blue			BA+6	1	
0 to 255	0	255			Linear

* Red, Green, and Blue only active when Green/Magenta < 3

Kino Flo True Match® 4.0 Firmware DMX Mapping FX (EFFECTS) MODE



CHANNEL FUNCTION

Channel	8 BIT DIMMING	16 BIT DIMMING
BASE ADDRESS (BA)	Dimming	Dimming (Least Significant Byte)
BASE ADDRESS + 1	Effect	Dimming (Most Significant Byte)
BASE ADDRESS + 2	Kelvin (CCT)	Effect
BASE ADDRESS + 3	Effect Param 1	Kelvin (CCT)
BASE ADDRESS + 4	Effect Param 2	Effect Param 1
BASE ADDRESS + 5	Effect Param 3	Effect Param 2
BASE ADDRESS + 6	Effect Param 4	Effect Param 3
BASE ADDRESS + 7	Effect Param 5	Effect Param 4
BASE ADDRESS + 8	N / A	Effect Param 5

8 bit/16 bit dimming and square/linear dimming can be set in the DMX menu

MODE: EFFECTS Mode 8-bit (default)

Channel name	DMX From	DMX To	Channel	No. Fnc	Function
Dimming-square (default)			BA	2	
0 to 3.9	0	50			Linear
4 to 100	51	255			$100*((DMX/255)^2)$
Dimming-linear			BA	1	
0 to 100	0	255			Linear
Effect			BA+1	8	
Candle	0	19			Selected
Fire	20	29			Selected
TV	30	39			Selected
Police	40	49			Selected
Lightning	50	59			Selected
Paparazzi	60	69			Selected
Pulse	70	79			Selected
Scroll	80	89			Selected
Kelvin (CCT) (Fire and Candle)			BA+2	1	
1400K to 2500K	0	255			Linear
Kelvin (CCT) (All others)			BA+2	2	
2500k to 6500k	0	200			Linear
6501K to 9900	201	255			Linear
Effect Parameter 1			BA+3		see effect
Effect Parameter 2			BA+4		see effect
Effect Parameter 3			BA+5		see effect
Effect Parameter 4			BA+6		see effect
Effect Parameter 5			BA+7		see effect

MODE: EFFECTS mode 16-Bit

Channel name	DMX From	DMX To	Channel	No. Fnc	Function
Dimming-square (default)			BA-BA+1	4	
0	0	0			0
>0 to 0.1	1	344			0.1
.11 to 3.9	345	13106			$(DMX/13107)*4$
4 to 100	13107	65535			$100*((DMX/65535)^2)$
Dimming-linear			BA-BA+1	3	
0	0	0			0
>0 to 0.1	1	68			0.1
.11 to 100	69	255			Linear
Effect			BA+2	8	
Candle	0	19			Selected
Fire	20	29			Selected
TV	30	39			Selected
Police	40	49			Selected
Lightning	50	59			Selected
Paparazzi	60	69			Selected
Pulse	70	79			Selected
Scroll	80	89			Selected
Kelvin (CCT) (Fire and Candle)			BA+3	1	
1400K to 2500K	0	255			Linear
Kelvin (CCT) (All others)			BA+3	2	
2500k to 6500k	0	200			Linear
6501K to 9900	201	255			Linear
Effect Parameter 1			BA+4		see effect
Effect Parameter 2			BA+5		see effect
Effect Parameter 3			BA+6		see effect
Effect Parameter 4			BA+7		see effect
Effect Parameter 5			BA+8		see effect

Kino Flo True Match® 4.0 Firmware DMX Mapping FX (EFFECTS) MODE - PARAMETERS 1 of 2



Effect Parameters per effect

CANDLE

Channel name	DMX From	DMX To	No. Fnc	Function
Effect Parameter 1			2	
Interior	0	9		selected
Breeze	10	19		selected
Effect Parameter 2			1	
Rate 1 to 20	0	255		Linear
Effect Parameter 3			1	
Amplitude 1 to 100	0	255		Linear
Effect Parameter 4			0	
Effect Parameter 5	255	255	1	Sync

POLICE

Channel name	DMX From	DMX To	No. Fnc	Function
Effect Parameter 1			5	
Blue + Red	0	9		selected
Red	10	19		selected
Yellow	20	29		selected
Blue + White + Red	30	39		selected
Blue	40	49		selected
Effect Parameter 2			1	
Burst 1 to 4	0	255		Linear
Effect Parameter 3			1	
Rate 1 to 100	0	255		Linear
Effect Parameter 4			0	
Effect Parameter 5	255	255	1	Sync

FIRE

Channel name	DMX From	DMX To	No. Fnc	Function
Effect Parameter 1			2	
Firepit	0	9		selected
Gas Fireplace	10	19		selected
Effect Parameter 2			1	
Rate 1 to 20	0	255		Linear
Effect Parameter 3			1	
Amplitude 1 to 100	0	255		Linear
Effect Parameter 4			0	
Effect Parameter 5	255	255	1	Sync

LIGHTNING

Channel name	DMX From	DMX To	No. Fnc	Function
Effect Parameter 1			2	
Storm	0	9		selected
Frankenstein	10	19		selected
Effect Parameter 2			1	
Rate 1 to 20	0	255		Linear
Effect Parameter 3			0	
Effect Parameter 4			0	
Effect Parameter 5	255	255	1	Sync

TV

Channel name	DMX From	DMX To	No. Fnc	Function
Effect Parameter 1			3	
Movie	0	9		selected
Music Video	10	19		selected
Sports	20	29		selected
Effect Parameter 2			1	
Rate 1 to 20	0	255		Linear
Effect Parameter 3			1	
Amplitude 1 to 100	0	255		Linear
Effect Parameter 4			0	
Effect Parameter 5	255	255	1	Sync

PAPARAZZI

Channel name	DMX From	DMX To	No. Fnc	Function
Effect Parameter 1			2	
Red Carpet	0	9		selected
Stalker	10	19		selected
Effect Parameter 2			1	
Rate 1 to 100	0	255		Linear
Effect Parameter 3			1	
Flash 1 to 100	0	255		Linear
Effect Parameter 4			0	
Effect Parameter 5	255	255	1	Sync

Kino Flo True Match® 4.0 Firmware DMX Mapping FX (EFFECTS) MODE - PARAMETERS 2 of 2



KINO FLO
Lighting Systems

Effect Parameters per effect

PULSE

Channel name	DMX From	DMX To	No. Fnc	Function
Effect Parameter 1			1	
Hue 0 to 360	0	255		Linear
Effect Parameter 2			1	
Saturation 0 to 100	0	255		Linear
Effect Parameter 3			1	
Rate 1 to 100	0	255		Linear
Effect Parameter 4			1	
Length 1 to 100	0	255		Linear
Effect Parameter 5	255	255	1	Sync

SCROLL

Channel name	DMX From	DMX To	No. Fnc	Function
Effect Parameter 1			1	
Time 0.6 to 60 sec	0	255		Linear
Effect Parameter 2			1	
Saturation 0 to 100	0	255		Linear
Effect Parameter 3			0	
Effect Parameter 4			0	
Effect Parameter 5	255	255	1	Sync

Kino Flo True Match® 4.0 Firmware DMX Mapping

CIE xy COLOR MODE



CHANNEL FUNCTION

Channel	8 BIT DIMMING	16 BIT DIMMING
BASE ADDRESS (BA)	Dimming	Dimming (Least Significant Byte)
BASE ADDRESS + 1	CIE x	Dimming (Most Significant Byte)
BASE ADDRESS + 2	CIE y	CIE x
BASE ADDRESS + 3	N / A	CIE y

8 bit/16 bit dimming and square/linear dimming can be set in the DMX menu

MODE: CIE xy mode 8-Bit (default)

Channel name	DMX From	DMX To	Channel	No. Fnc	Function
Dimming-square (default)			BA	2	
0 to 3.9	0	50			Linear
4 to 100	51	255			$100*((DMX/255)^2)$
Dimming-linear			BA	1	
0 to 100	0	255			Linear
CIE x			BA+1	1	
0 to 0.8	0	255			Linear
CIE y			BA+2	1	
0 to 0.8	0	255			Linear

MODE: CIE xy mode 16-Bit

Channel name	DMX From	DMX To	Channel	No. Fnc	Function
Dimming-square (default)			BA-BA+1	4	
0	0	0			0
>0 to 0.1	1	344			Linear
.11 to 3.9	345	13106			$(DMX/13107)*4$
4 to 100	13107	65535			$100*((DMX/65535)^2)$
Dimming-linear			BA-BA+1	3	
0	0	0			0
>0 to .1	1	68			0.1
.11 to 100	69	255			Linear
CIE x			BA+2	1	
0 to 0.8	0	255			Linear
CIE y			BA+3	1	
0 to 0.8	0	255			Linear