



# **STORM 1000c & 80c**

DMX Profile Specification 1.0  
Controller Firmware V1.0

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# DMX Profile Overview for Aputure OS II

With the release of the Storm 1200x 1000c and 80c, Aputure is launching OS II. OS II features the same menu structure and experience, and DMX Profile Structure between Aputure products.

There are 3 sets of DMX Profiles:

1. Basic DMX Profiles
2. Control Channel DMX Profiles
3. Color Space DMX Profiles

## Control Channel Profiles

Profiles labeled “+Control” include three extra channels (Strobe, Control, and Fan). These profiles are ideal for users seeking advanced control methods.

OS II introduces DMX profiles with three additional control channels, depending on the product:

1. **Strobe Channel:** Enables strobing in any color.
2. **Control Channel:** Allows remote execution of light setting commands via a dedicated DMX channel.
3. **Fan Channel:** Adjusts the fan speed or behavior if the product is equipped with a fan.

## Detailed Breakdown of DMX Channels

### **Strobe Channel:**

The Strobe Channel enables strobe effects in any available color configuration, depending on the fixture's color mixing capabilities.

- **Example – Strobe a 20000K Color**

In **Profile 3**, set CCT (**Channel 2**) to 20,000K / 255. Set Strobe (**Channel 4**) to Rate of 25Hz / 255. The light be at Max Strobe at 20,000K.

### **Control Channel:**

The Control Channel allows remote execution of fixture settings via predefined DMX values. To apply a command, assign the specified value to the Control Channel for 2.5 seconds, then reset it to 0. The fixture will issue a brief confirmation flash (red) upon successful execution.

- **Example – Turning DMX Smoothing Off:**

In **Profile 3**, set Control Channel (**Channel 5**) to **Value 27** for 2.5 seconds, then reset it to 0. The fixture will flash red at 20% brightness to indicate that DMX Smoothing has been disabled.

- **Example – Enabling DMX Smoothing:**

To enable DMX Smoothing in **Profile 3**, set **Channel 5** to **Value 30** for 2.5 seconds, then reset to 0. The red flash at 20% brightness confirms the change.

### **Control Channel Signal Confirmation:**

In cases where the confirmation flash is undesirable, such as when modifying multiple fixtures in enclosed spaces, the Signal Confirmation can be disabled by setting the Control Channel to **Value 15**, then back to 0. By default, the Signal Confirmation is enabled.

### Fan Channel:

The Fan Channel allows direct control over fan speed or behavior via DMX. Set a constant value to maintain a specific fan state, and modify the value as needed to adjust fan performance.

In the System settings, the Fan mode must be set to "DMX Controlled"

- **Example – Setting the fan to Max**

In **Profile 3**, set the Fan Channel (**Channel 6**) to **Value 45**. The fan channel must be saved at the value. When changing the value in a cue, it can be used to cut the fan during takes.

### No Effect Ranges

In some DMX profiles, you may encounter a "No Effect" range at the beginning of a channel. This range is typically meant for slider boards, ensuring that when the slider is at 0, no effect is applied. These ranges should not be patched into lighting consoles, as they serve only to prevent unintended changes when the control is idle.

Channel	Function	Value	Percent	Description
X	±Green	0 - 255	0 - 100	Minus Green to Plus Green
		0 - 10	0 - 4	No Effect*
		11-20	5 - 8	Full Minus Green
		21 - 119	9 - 47	-99% - -1%
		120 - 145	48 - 57	0% Neutral
		146 - 244	58 - 96	1% - 99%
		245 - 255	97 - 100	Full Plus Green

# Basic DMX Profiles

## Profile 1: CCT & RGB - 8 Bit (7ch)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5 - 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Crossfade	0 - 255	0-100	White Light to RGB	0
5	Red	0 - 255	0-100		100% / 255
6	Green	0 - 255	0-100		100% / 255
7	Blue	0 - 255	0-100		100% / 255
				*Do not patch "No Effect" range into consoles	

## Profile 2: CCT & RGB - 16 Bit (14 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7/8	Crossfade	0 - 65535	0-100	White Light to RGB	0
9/10	Red	0 - 65535	0-100		100% / 65535
11/12	Green	0 - 65535	0-100		100% / 65535
13/14	Blue	0 - 65535	0-100		100% / 65535
				*Do not patch "No Effect" range into consoles	



## Profile 3: CCT & RGB & FX - 8 Bit (17 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5 - 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Crossfade	0 - 255	0-100	White Light to RGB	0
5	Red	0 - 255	0-100		100% / 255
6	Green	0 - 255	0-100		100% / 255
7	Blue	0 - 255	0-100		100% / 255
<b>FX</b>					
8	Crossfade	0-255	0-100%	Crossfade from Static Color to FX	100%
9	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
70 - 255		28 - 100	Stop		
10	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	
		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	
		90 - 99	37 - 40	Pulsing	
		100 - 109	41 - 44	Welding	

		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	
		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
<b>11</b>	<b>Effect Parameter 1</b>	0-255	0-100%	See Effect Chart	
<b>12</b>	<b>Effect Parameter 2</b>	0-255	0-100%		
<b>13</b>	<b>Effect Parameter 3</b>	0-255	0-100%		
<b>14</b>	<b>Effect Parameter 4</b>	0-255	0-100%		
<b>15</b>	<b>Effect Parameter 5</b>	0-255	0-100%		
<b>16</b>	<b>Effect Parameter 6</b>	0-255	0-100%		
<b>17</b>	<b>Effect Parameter 7</b>	0-255	0-100%		
				*Do not patch "No Effect" range into consoles	

## Profile 4: CCT & RGB & FX - 16 Bit (26 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7/8	Crossfade	0 - 65535	0-100	White Light to RGB	0
9/10	Red	0 - 65535	0-100		100% / 65535
11/12	Green	0 - 65535	0-100		100% / 65535
13/14	Blue	0 - 65535	0-100		100% / 65535
<b>FX</b>					
15	Crossfade	0-255	0-100%	Crossfade from Static Color to FX	100%
16	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
70 - 255		28 - 100	Stop		
17	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	
		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	
		90 - 99	37 - 40	Pulsing	
		100 - 109	41 - 44	Welding	

		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	
		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
<b>18</b>	<b>Effect Parameter 1</b>	0-255	0-100%	See Effect Chart	
<b>19</b>	<b>Effect Parameter 2</b>	0-255	0-100%		
<b>20</b>	<b>Effect Parameter 3</b>	0-255	0-100%		
<b>21</b>	<b>Effect Parameter 4</b>	0-255	0-100%		
<b>22</b>	<b>Effect Parameter 5</b>	0-255	0-100%		
<b>23</b>	<b>Effect Parameter 6</b>	0-255	0-100%		
<b>24</b>	<b>Effect Parameter 7</b>	0-255	0-100%		
<b>25</b>	<b>Effect Parameter 8</b>	0-255	0-100%		
<b>26</b>	<b>Effect Parameter 9</b>	0-255	0-100%		
					*Do not patch "No Effect" range into consoles

## Profile 5: CCT & RGB & xy - 8 Bit (10 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5- 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Crossfade	0 - 255	0-100	White Light to RGB	0
5	Red	0 - 255	0-100		100% / 255
6	Green	0 - 255	0-100		100% / 255
7	Blue	0 - 255	0-100		100% / 255
8	Crossfade 2	0 - 255	0-100	CCTRGB to xy	0
9	x Coordinate	0 - 255	0 - 0.8		3200K (.3145 / 101)
10	y Coordinate	0 - 255	0 - 0.8		3200K (.3178 / 102)
				*Do not patch "No Effect" range into consoles	

## Profile 6: CCT & RGB & xy - 16 Bit (20 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7 / 8	Crossfade	0 - 65535	0-100	White Light to RGB	0
9 / 10	Red	0 - 65535	0-100		100% / 65535
11 / 12	Green	0 - 65535	0-100		100% / 65535
13 / 14	Blue	0 - 65535	0-100		100% / 65535
15 / 16	Crossfade 2	0 - 65535	0-100	CCTRGB to xy	0
17 / 18	x Coordinate	0 - 65535	0 - 0.8		3200K (.3139 / 25715)
19 / 20	y Coordinate	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
				*Do not patch "No Effect" range into consoles	

## Profile 7: CCT & RGB & xy + FX - 8 Bit (20 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5- 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Crossfade	0 - 255	0-100	White Light to RGB	0
5	Red	0 - 255	0-100		100% / 255
6	Green	0 - 255	0-100		100% / 255
7	Blue	0 - 255	0-100		100% / 255
8	Crossfade 2	0 - 255	0-100	CCTRGB to xy	0
9	x Coordinate	0 - 255	0 - 0.8		3200K (.3145 / 101)
10	y Coordinate	0 - 255	0 - 0.8		3200K (.3178 / 102)
<b>FX</b>					
11	Crossfade	0-255	0-100%	Crossfade from Static Color to FX	100%
12	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
		70 - 255	28 - 100	Stop	
13	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	

		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	
		90 - 99	37 - 40	Pulsing	
		100 - 109	41 - 44	Welding	
		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	
		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
<b>14</b>	<b>Effect Parameter 1</b>	0-255	0-100%	See Effect Chart	
<b>15</b>	<b>Effect Parameter 2</b>	0-255	0-100%		
<b>16</b>	<b>Effect Parameter 3</b>	0-255	0-100%		
<b>17</b>	<b>Effect Parameter 4</b>	0-255	0-100%		
<b>18</b>	<b>Effect Parameter 5</b>	0-255	0-100%		
<b>19</b>	<b>Effect Parameter 6</b>	0-255	0-100%		
<b>20</b>	<b>Effect Parameter 7</b>	0-255	0-100%		
				*Do not patch "No Effect" range into consoles	



## Profile 8: CCT & RGB & xy + FX - 16 Bit (32 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7 / 8	Crossfade	0 - 65535	0-100	White Light to RGB	0
9 / 10	Red	0 - 65535	0-100		100% / 65535
11 / 12	Green	0 - 65535	0-100		100% / 65535
13 / 14	Blue	0 - 65535	0-100		100% / 65535
15 / 16	Crossfade 2	0 - 65535	0-100	CCTRGB to xy	0
17 / 18	x Coordinate	0 - 65535	0 - 0.8		3200K (.3139 / 25715)
19 / 20	y Coordinate	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
<b>FX</b>					
21	Crossfade	0 - 65535	0-100	Crossfade from Static Color to FX	100%
22	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
70 - 255		28 - 100	Stop		
23	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	

		60 - 69	25 - 28	Strobe	
		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	
		90 - 99	37 - 40	Pulsing	
		100 - 109	41 - 44	Welding	
		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	
		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
<b>24</b>	<b>Effect Parameter 1</b>	0-255	0-100%	See Effect Chart	
<b>25</b>	<b>Effect Parameter 2</b>	0-255	0-100%		
<b>26</b>	<b>Effect Parameter 3</b>	0-255	0-100%		
<b>27</b>	<b>Effect Parameter 4</b>	0-255	0-100%		
<b>28</b>	<b>Effect Parameter 5</b>	0-255	0-100%		
<b>29</b>	<b>Effect Parameter 6</b>	0-255	0-100%		
<b>30</b>	<b>Effect Parameter 7</b>	0-255	0-100%		
<b>31</b>	<b>Effect Parameter 8</b>	0-255	0-100%		
<b>32</b>	<b>Effect Parameter 9</b>	0-255	0-100%		
				*Do not patch "No Effect" range into consoles	

## Profile 9: HSI - 8 Bit (3 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
<b>CCT is Locked at 6500K</b>					
<b>1</b>	<b>Intensity</b>	0 - 255	0 - 100	0 0 - 100%	0% / 0
<b>2</b>	<b>Hue</b>	0 - 255	0 to 359.9°		0
<b>3</b>	<b>Saturation</b>	0 - 255	0 - 100%	White Light to RGB	0%

## Profile 10: HSI - 16 Bit (6 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
<b>CCT is Locked at 6500K</b>					
1 / 2	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
3 / 4	Hue	0 - 65535	0 to 359.9°		0
5 / 6	Saturation	0 - 65535	0 - 100%	White Light to RGB	0%

## Profile 11: HSIC+ - 8 Bit (5 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
<b>CCT is Locked at 6500K</b>					
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5 - 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Hue	0 - 255	0 to 359.9°		0
5	Saturation	0 - 255	0 - 100%	White Light to RGB	0%
				*Do not patch "No Effect" range into consoles	

## Profile 12: HSIC+ - 16 Bit (10 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5/6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7/8	Hue	0 - 65535	0 to 359.9°		0
9/10	Saturation	0 - 65535	0 - 100%	White Light to RGB	0%
				*Do not patch "No Effect" range into consoles	

## Profile 13: HSIC+ & FX - 8 Bit (15 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5 - 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Hue	0 - 255	0 to 359.9°		0
5	Saturation	0 - 255	0 - 100%	White Light to RGB	0%
<b>FX</b>					
6	Crossfade	0-255	0-100%	Crossfade from Static Color to FX	100%
7	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
70 - 255		28 - 100	Stop		
8	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	
		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	
		90 - 99	37 - 40	Pulsing	
		100 - 109	41 - 44	Welding	
		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	

		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
<b>9</b>	<b>Effect Parameter 1</b>	0-255	0-100%	See Effect Chart	
<b>10</b>	<b>Effect Parameter 2</b>	0-255	0-100%		
<b>11</b>	<b>Effect Parameter 3</b>	0-255	0-100%		
<b>12</b>	<b>Effect Parameter 4</b>	0-255	0-100%		
<b>13</b>	<b>Effect Parameter 5</b>	0-255	0-100%		
<b>14</b>	<b>Effect Parameter 6</b>	0-255	0-100%		
<b>15</b>	<b>Effect Parameter 7</b>	0-255	0-100%		
				*Do not patch "No Effect" range into consoles	

## Profile 14: HSIC+ & FX - 16 Bit (22 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7 / 8	Hue	0 - 65535	0 to 359.9°		0
9 / 10	Saturation	0 - 65535	0 - 100%	White Light to RGB	0%
<b>FX</b>					
11	Crossfade	0-255	0-100%	Crossfade from Static Color to FX	100%
12	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
		70 - 255	28 - 100	Stop	
13	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	
		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	
		90 - 99	37 - 40	Pulsing	
		100 - 109	41 - 44	Welding	
		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	

		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
<b>14</b>	<b>Effect Parameter 1</b>	0-255	0-100%	See Effect Chart	
<b>15</b>	<b>Effect Parameter 2</b>	0-255	0-100%		
<b>16</b>	<b>Effect Parameter 3</b>	0-255	0-100%		
<b>17</b>	<b>Effect Parameter 4</b>	0-255	0-100%		
<b>18</b>	<b>Effect Parameter 5</b>	0-255	0-100%		
<b>19</b>	<b>Effect Parameter 6</b>	0-255	0-100%		
<b>20</b>	<b>Effect Parameter 7</b>	0-255	0-100%		
<b>21</b>	<b>Effect Parameter 8</b>	0-256	0-100%		
<b>22</b>	<b>Effect Parameter 9</b>	0-257	0-100%		
					*Do not patch "No Effect" range into consoles



## Profile 15: HSIC+ & xy - 8 Bit (8 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5 - 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Hue	0 - 65535	0 to 359.9°		0
5	Saturation	0 - 65535	0 - 100%	White Light to RGB	0%
6	Crossfade	0 - 255	0-100	HSIC+ to xy	0
7	x Coordinate	0 - 255	0 - 0.8		3200K (.3145 / 101)
8	y Coordinate	0 - 255	0 - 0.8		3200K (.3178 / 102)
				*Do not patch "No Effect" range into consoles	

## Profile 16: HSIC+ & xy - 16 Bit (16 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7 / 8	Hue	0 - 65535	0 to 359.9°		0
9 / 10	Saturation	0 - 65535	0 - 100%	White Light to RGB	0%
11 / 12	Crossfade	0 - 65535	0-100	HSIC+ to xy	0
13 / 14	x Coordinate	0 - 65535	0 - 0.8		3200K (.3139 / 25715)
15 / 16	y Coordinate	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
				*Do not patch "No Effect" range into consoles	

## Profile 17: HSIC+ & xy + FX - 8 Bit (18 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5 - 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Hue	0 - 65535	0 to 359.9°		0
5	Saturation	0 - 65535	0 - 100%	White Light to RGB	0%
6	Crossfade	0 - 255	0-100	HSIC+ to xy	0
7	x Coordinate	0 - 255	0 - 0.8		3200K (.3145 / 101)
8	y Coordinate	0 - 255	0 - 0.8		3200K (.3178 / 102)
<b>FX</b>					
9	Crossfade	0-255	0-100%	Crossfade from Static Color to FX	100%
10	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
	70 - 255	28 - 100	Stop		
11	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	
		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	
		90 - 99	37 - 40	Pulsing	

		100 - 109	41 - 44	Welding	
		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	
		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
<b>12</b>	<b>Effect Parameter 1</b>	0-255	0-100%	See Effect Chart	
<b>13</b>	<b>Effect Parameter 2</b>	0-255	0-100%		
<b>14</b>	<b>Effect Parameter 3</b>	0-255	0-100%		
<b>15</b>	<b>Effect Parameter 4</b>	0-255	0-100%		
<b>16</b>	<b>Effect Parameter 5</b>	0-255	0-100%		
<b>17</b>	<b>Effect Parameter 6</b>	0-255	0-100%		
<b>18</b>	<b>Effect Parameter 7</b>	0-255	0-100%		
					*Do not patch "No Effect" range into consoles

## Profile 18: HSIC+ & xy + FX- 16 Bit (28 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7 / 8	Hue	0 - 65535	0 to 359.9°		0
9 / 10	Saturation	0 - 65535	0 - 100%	White Light to RGB	0%
11 / 12	Crossfade	0 - 65535	0-100	HSIC+ to xy	0
13 / 14	x Coordinate	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
15 / 16	y Coordinate	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
<b>FX</b>					
17	Crossfade	0-255	0-100%	Crossfade from Static Color to FX	100%
18	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
		70 - 255	28 - 100	Stop	
19	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	
		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	

		90 - 99	37 - 40	Pulsing	
		100 - 109	41 - 44	Welding	
		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	
		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
<b>20</b>	<b>Effect Parameter 1</b>	0-255	0-100%	See Effect Chart	
<b>21</b>	<b>Effect Parameter 2</b>	0-255	0-100%		
<b>22</b>	<b>Effect Parameter 3</b>	0-255	0-100%		
<b>23</b>	<b>Effect Parameter 4</b>	0-255	0-100%		
<b>24</b>	<b>Effect Parameter 5</b>	0-255	0-100%		
<b>25</b>	<b>Effect Parameter 6</b>	0-255	0-100%		
<b>26</b>	<b>Effect Parameter 7</b>	0-255	0-100%		
<b>27</b>	<b>Effect Parameter 8</b>	0-255	0-100%		
<b>28</b>	<b>Effect Parameter 9</b>	0-255	0-100%		
				*Do not patch "No Effect" range into consoles	

## Profile 19: xy - 8 Bit (3 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	x Coordinate	0 - 255	0 - 0.8		3200K (.3145 / 101)
3	y Coordinate	0 - 255	0 - 0.8		3200K (.3178 / 102)

## Profile 20: xy - 16 Bit (6 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
3 / 4	x Coordinate	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
6 / 7	y Coordinate	0 - 65535	0 - 0.8		3200K (.3240 / 26542)

## Profile 21: RGB - 8 Bit (3 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
<b>CCT is Locked at 6500K</b>					
1	Red	0 - 255	0-100		100% / 255
2	Green	0 - 255	0-100		100% / 255
3	Blue	0 - 255	0-100		100% / 255

## Profile 22: RGB 16 Bit (6 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
<b>CCT is Locked at 6500K</b>					
1 / 2	Red	0 - 65535	0-100		100% / 65535
3 / 4	Green	0 - 65535	0-100		100% / 65535
5 / 6	Blue	0 - 65535	0-100		100% / 65535

## Profile 23: iRGB - 8 Bit (4 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
<b>CCT is Locked at 6500K</b>					
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	Red	0 - 255	0-100		100% / 255
3	Green	0 - 255	0-100		100% / 255
4	Blue	0 - 255	0-100		100% / 255

## Profile 24: iRGB - 16 Bit (8 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
<b>CCT is Locked at 6500K</b>					
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	Red	0 - 65535	0-100		100% / 65535
5 / 6	Green	0 - 65535	0-100		100% / 65535
7 / 8	Blue	0 - 65535	0-100		100% / 65535

## Profile 25: RGBACL - 8 Bit (6 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Red	0 - 255	0-100		0% / 0
2	Green	0 - 255	0-100		0% / 0
3	Blue	0 - 255	0-100		0% / 0
4	Amber	0 - 255	0-100		0% / 0
5	Cyan	0 - 255	0-100		0% / 0
6	Lime	0 - 255	0-100		0% / 0

## Profile 26: RGBACL - 16 Bit (12 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Red	0 - 65535	0-100		0% / 0
3 / 4	Green	0 - 65535	0-100		0% / 0
5 / 6	Blue	0 - 65535	0-100		0% / 0
7 / 8	Amber	0 - 65535	0-100		0% / 0
9 / 10	Cyan	0 - 65535	0-100		0% / 0
11 / 12	Lime	0 - 65535	0-100		0% / 0



## Profile 27: CCT+ 8 Bit (3 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5 - 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
				*Do not patch "No Effect" range into consoles	

## Profile 28: CCT+ 16 Bit (6 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
				*Do not patch "No Effect" range into consoles	

## Profile 29: Source Mode - 8 Bit (4 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	Source	0 - 2	0 - 1	Tungsten Bulb	0% / 0
		3 - 5	2 - 3	Incandescent	
		6 - 8	4 - 5	Halogen	
		9 - 11	6 - 7	Antique Bulb	
		12 - 14	8 - 9	Warm Antique Bulb	
		15 - 17	10 - 11	Christmas Lights	
		18 - 20	12 - 13	Night Light	
		21 - 23	14 - 15	Infrared Heat Lamp	
		24 - 26	16 - 17	Grow Light	
		27 - 29	18 - 19	CFL Soft White	
		30 - 32	20 - 21	CFL Bright White	
		33 - 35	22 - 23	CFL Cool White	
		36 - 38	24 - 25	CFL Daylight	
		39 - 41	26 - 27	Cool White 1	
		42 - 44	28 - 29	Cool White 2	
		45 - 47	30 - 31	Cool White 3	
		48 - 50	32 - 33	Warm White	
		51 - 53	34 - 35	CFL Blacklight	
		54 - 56	36 - 37	HMI	
		57 - 59	38 - 39	High Pressure Sodium	
		60 - 62	40 - 41	Low Pressure Sodium	
		63 - 65	42 - 43	Mercury Vapor	
		66 - 68	44 - 45	Metal Halide	
		69 - 71	46 - 47	Ceramic	
		72 - 74	48 - 49	Carbon Arc	
		75 - 77	50 - 51	Xenon	
		78 - 80	52 - 53	Candle	
		81 - 83	54 - 55	Gas Fire	
		84 - 86	56 - 57	Sun Direct	
		87 - 89	58 - 59	Sun Overcast	
		90 - 92	60 - 61	Sun Blue Hour	
		93 - 95	62 - 63	Mobile Phone	

		96 - 98	64 - 65	Computer Monitor	
		99 - 101	66 - 67	Electroluminescence	
		102 - 104	68 - 69	Blow Torch	
		105 - 107	70 - 71	Road Flare	
		108 - 110	72 - 73	Amber Caution	
		111-113	74 - 75	Green Traffic Light	
		114 - 116	76 - 77	Yellow Traffic Light	
		117 - 119	78 - 79	Red Traffic Light	
		120 - 122	80 - 81	Blue Glow Stick	
		123 - 125	82 - 83	Green Glow Stick	
		126 - 128	84 - 85	Red Glow Stick	
		129 - 131	86 - 87	Yellow Glow Stick	
		132 - 134	88 - 89	Pink Glow Stick	
		135 - 137	90 - 91	Violet Glow Stick	
		138 - 255	92 - 100	RESERVED	
<b>3</b>	<b>x Coordinate</b>	0 - 255	0 - 0.8		3200K (.3145 / 101)
<b>4</b>	<b>y Coordinate</b>	0 - 255	0 - 0.8		3200K (.3178 / 102)

## Profile 30: Source Mode - 16 Bit

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3	Source	0 - 2	0 - 1	Tungsten Bulb	0% / 0
		3 - 5	2 - 3	Incandescent	
		6 - 8	4 - 5	Halogen	
		9 - 11	6 - 7	Antique Bulb	
		12 - 14	8 - 9	Warm Antique Bulb	
		15 - 17	10 - 11	Christmas Lights	
		18 - 20	12 - 13	Night Light	
		21 - 23	14 - 15	Infrared Heat Lamp	
		24 - 26	16 - 17	Grow Light	
		27 - 29	18 - 19	CFL Soft White	
		30 - 32	20 - 21	CFL Bright White	
		33 - 35	22 - 23	CFL Cool White	
		36 - 38	24 - 25	CFL Daylight	
		39 - 41	26 - 27	Cool White 1	
		42 - 44	28 - 29	Cool White 2	
		45 - 47	30 - 31	Cool White 3	
		48 - 50	32 - 33	Warm White	
		51 - 53	34 - 35	CFL Blacklight	
		54 - 56	36 - 37	HMI	
		57 - 59	38 - 39	High Pressure Sodium	
		60 - 62	40 - 41	Low Pressure Sodium	
		63 - 65	42 - 43	Mercury Vapor	
		66 - 68	44 - 45	Metal Halide	
		69 - 71	46 - 47	Ceramic	
		72 - 74	48 - 49	Carbon Arc	
		75 - 77	50 - 51	Xenon	
		78 - 80	52 - 53	Candle	
		81 - 83	54 - 55	Gas Fire	
		84 - 86	56 - 57	Sun Direct	
		87 - 89	58 - 59	Sun Overcast	
		90 - 92	60 - 61	Sun Blue Hour	
		93 - 95	62 - 63	Mobile Phone	

		96 - 98	64 - 65	Computer Monitor	
		99 - 101	66 - 67	Electroluminescence	
		102 - 104	68 - 69	Blow Torch	
		105 - 107	70 - 71	Road Flare	
		108 - 110	72 - 73	Amber Caution	
		111-113	74 - 75	Green Traffic Light	
		114 - 116	76 - 77	Yellow Traffic Light	
		117 - 119	78 - 79	Red Traffic Light	
		120 - 122	80 - 81	Blue Glow Stick	
		123 - 125	82 - 83	Green Glow Stick	
		126 - 128	84 - 85	Red Glow Stick	
		129 - 131	86 - 87	Yellow Glow Stick	
		132 - 135	88 - 89	Pink Glow Stick	
		136 - 138	90 - 91	Violet Glow Stick	
		139 - 255	92 - 100	RESERVED	
<b>4 / 5</b>	<b>x Coordinate</b>	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
<b>6 / 7</b>	<b>y Coordinate</b>	0 - 65535	0 - 0.8		3200K (.3240 / 26542)

## Profile 31: Legacy Gel - 8 Bit (5 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 → 100%	
2	CCT	0 - 126	0 - 50	3200K	3200K / 0
		127 - 255	51 - 100	5600K	
3	Rosco / Lee	0 - 29	0 - 12	Rosco	
		30 - 59	13 - 24	Lee	
		60 - 255	25 - 100	Reserved	
4	Series	0 - 9	0 - 4	R-Col.corr / L-Col.Corr	
		10 - 19	5 - 8	R-Cal Color / L-Cal. Filter	
		20 - 29	9 - 12	R-Storaro / L-600 Series	
		30 - 39	13 - 16	R-Cinelux / L-Cosmetic	
		40 - 49	17 - 20	R-reserved / L-700 Series	
		50 - 255	21 - 100	Reserved	
5	Category	0 - 255	0 - 100	See GEL Category Tables Below	
<b>GEL Category 1 : Rosco - Color Correction</b>					
5		0-1		Full CTB	
		2-3		3/4 CTB	
		4-5		1/2 CTB	
		6-7		1/3 CTB	
		8-9		1/4 CTB	
		10-11		1/8 CTB	
		12-13		Double CTB	
		14-15		Full CTO	
		16-17		3/4 CTO	
		18-19		1/2 CTO	
		20-21		1/4 CTO	
		22-23		1/8 CTO	
		24-25		Double CTO	
		26-27		Full CTS	
		28-29		1/2 CTS	
	30-31		1/4 CTS		

		32-33		1/8 CTS	
		34-35		Full Plusgreen	
		36-37		1/2 Plusgreen	
		38-39		1/4 Plusgreen	
		40-41		1/8 Plusgreen	
		42-43		Full Minusgreen	
		44-45		3/4 Minusgreen	
		46-47		1/2 Minusgreen	
		48-49		1/4 Minusgreen	
		50-51		1/8 Minusgreen	
		52-53		Fluorofilter	
		54-55		Industrial Vapor	
		56-57		Urban Vapor	
		58-59		Tough Y1	
		60-61		Tough MT 54	
		62-63		Tough MTY	
		64-65		Tough MT2	
		66-255		Reserved	
<b>GEL Category 1 : Rosco - Cal Color</b>					
<b>5</b>		0-1		15 Blue	
		2-3		30 Blue	
		4-5		60 Blue	
		6-7		90 Blue	
		8-9		7 Cyan	
		10-11		15 Cyan	
		12-13		30 Cyan	
		14-15		60 Cyan	
		16-17		90 Cyan	
		18-19		15 Green	
		20-21		30 Green	
		22-23		60 Green	
		24-25		90 Green	
		26-27		15 Yellow	
		28-29		30 Yellow	
	30-31		60 Yellow		



		32-33		90 Yellow	
		34-35		15 Red	
		36-37		30 Red	
		38-39		60 Red	
		40-41		90 Red	
		42-43		15 Magenta	
		44-45		30 Magenta	
		46-47		60 Magenta	
		48-49		90 Magenta	
		50-51		15 Pink	
		52-53		30 Pink	
		54-55		60 Pink	
		56-57		90 Pink	
		58-59		15 Lavender	
		60-61		30 Lavender	
		62-63		60 Lavender	
		64-65		90 Lavender	
		66-255		Reserved	
<b>GEL Category 3 : Rosco - Storaro</b>					
<b>5</b>		0-1		VS Red	
		2-3		VS Orange	
		4-5		VS Yellow	
		6-7		VS Green	
		8-9		VS Cyan	
		10-11		VS Azure	
		12-13		VS Blue	
		14-15		VS Indigo	
		16-17		VS Violet	
		18-19		VS Magenta	
		20-255		Reserved	
<b>GEL Category 4 : Rosco - Cinelux</b>					
<b>5</b>		0-1		Bastard Amber	
		2-3		Pale Bastard Amber	
		4-5		No Color Straw	
		6-7		Pale Gold	

	8-9		Daffodil	
	10-11		Straw	
	12-13		Light Amber	
	14-15		Gallo Gold	
	16-17		Light Flame	
	18-19		Flame	
	20-21		Mayan Sun	
	22-23		Golden Amber	
	24-25		Soft Golden Amber	
	26-27		Orange	
	28-29		Henna Sky	
	30-31		Light Red	
	32-33		No Color Pink	
	34-35		Blush Pink	
	36-37		Flesh Pink	
	38-39		Pale Rose Pink	
	40-41		Salmon	
	42-43		Deep Salmon	
	44-45		Middle Rose	
	46-47		Light Rose Purple	
	48-49		Surprise Pink	
	50-51		No Color Blue	
	52-53		Clearwater	
	54-55		Booster Blue	
	56-57		Tipton Blue	
	58-59		Blue Bell	
	60-61		Daylight Blue	
	62-63		Tharon Delft Blue	
	64-65		Cerulean Blue	
	66-67		Bermuda Blue	
	68-69		Green Blue	
	70-71		Alice Blue	
	72-73		Primary Blue	
	74-75		Baldassari Blue	
	76-77		Medium Blue	

		78-79		Pale Yellow Green	
		80-81		Light Green	
		82-83		Moss Green	
		84-85		Primary Green	
		86-87		Turquoise	
		88-89		Blue Green	
		90-91		Chocolate	
		92-255		Reserved	
<b>GEL Category 1 : LEE - Color Correction</b>					
<b>5</b>		0-1		Double CTB	
		2-3		Full CTB	
		4-5		3/4 CTB	
		6-7		1/2 CTB	
		8-9		1/4 CTB	
		10-11		1/8 CTB	
		12-13		Double CTO	
		14-15		Full CTO	
		16-17		3/4 CTO	
		18-19		1/2 CTO	
		20-21		1/4 CTO	
		22-23		1/8 CTO	
		24-25		1 1/2 CTB	
		26-27		1 1/2 CTO	
		28-29		Full CTS	
		30-31		1/2 CTS	
		32-33		1/4 CTS	
		34-35		1/8 CTS	
		36-37		Full CTO + .3 ND	
		38-39		Full CTO + .6 ND	
	40-41		L.C.T. Yellow (Y1)		
	42-43		White Flame Green		
	44-45		LEE Fluorescent Green		
	46-47		Super Correction L.C.T. Yellow		
	48-49		Super Correction W.F. Green		

		50-51		H.M.I. (to Tungsten)	
		52-53		C.I.D. (to Tungsten)	
		54-55		C.S.I. (to Tungsten)	
		56-57		LEE Fluorescent 5700 Kelvin	
		58-59		LEE Fluorescent 4300 Kelvin	
		60-61		LEE Fluorescent 3600 Kelvin	
		62-63		LEE Plus Green	
		64-65		1/2 Plus Green	
		66-67		1/4 Plus Green	
		68-69		1/8 Plus Green	
		70-71		LEE Minus Green	
		72-73		1/2 Minus Green	
		74-75		1/4 Minus Green	
		76-77		1/8 Minus Green	
		78-255		Reserved	
<b>GEL Category 2 : LEE - Color Filters</b>					
<b>5</b>		0-1		Rose Pink	
		2-3		Lavender Tint	
		4-5		Medium Bastard Amber	
		6-7		Pale Yellow	
		8-9		Dark Salmon	
		10-11		Pale Amber Gold	
		12-13		Medium Yellow	
		14-15		Straw Tint	
		16-17		Surprise Peach	
		18-19		Fire	
		20-21		Medium Amber	
		22-23		Gold Amber	
		24-25		Dark Amber	
		26-27		Scarlet	
		28-29		Sunset Red	
		30-31		Bright Red	
	32-33		Light Pink		

	34-35		Medium Pink	
	36-37		Dark Magenta	
	38-39		Rose Purple	
	40-41		Light Lavender	
	42-43		Paler Lavender	
	44-45		Lavender	
	46-47		Mist Blue	
	48-49		Pale Blue	
	50-51		Sky Blue	
	52-53		Evening Blue	
	54-55		Just Blue	
	56-57		Deeper Blue	
	58-59		Lime Green	
	60-61		Moss Green	
	62-63		Dark Yellow Green	
	64-65		Spring Yellow	
	66-67		Yellow	
	68-69		Light Amber	
	70-71		Straw	
	72-73		Deep Amber	
	74-75		Primary Red	
	76-77		Light Rose	
	78-79		English Rose	
	80-81		Light Salmon	
	82-83		Middle Rose	
	84-85		Dark Pink	
	86-87		Magenta	
	88-89		Peacock Blue	
	90-91		Steel Blue	
	92-93		Light Blue	
	94-95		Deep Blue	
	96-97		LEE Green	
	98-99		Fern Green	
	100-101		Dark Green	
	102-103		Smokey Pink	

	104-105		Bright Pink	
	106-107		Marine Blue	
	108-109		Golden Amber	
	110-111		Deep Golden Amber	
	112-113		Pale Lavender	
	114-115		Special Lavender	
	116-117		Pale Green	
	118-119		Summer Blue	
	120-121		Pale Violet	
	122-123		Pale Navy Blue	
	124-125		No Color Blue	
	126-127		Apricot	
	128-129		Bright Rose	
	130-131		Gold Tint	
	132-133		Pale Gold	
	134-135		Pale Salmon	
	136-137		Pale Rose	
	138-139		Chocolate	
	140-141		Pink	
	142-143		No Color Straw	
	144-145		Slate Blue	
	146-147		Bastard Amber	
	148-149		Flame Red	
	150-151		Daylight Blue	
	152-153		Lilac Tint	
	154-155		Deep Lavender	
	156-157		Dark Steel Blue	
	158-159		Loving Amber	
	160-161		Dark Lavender	
	162-163		Light Red	
	164-165		Flesh Pink	
	166-167		Surprise Pink	
	168-169		Zenith Blue	
	170-171		True Blue	
	172-173		Alice Blue	

		174-175		Palace Blue	
		176-177		Regal Blue	
		178-255		Reserved	
<b>GEL Category 3 : LEE - 600 Series</b>					
<b>5</b>		0-1		Arctic White	
		2-3		Silver	
		4-5		Platinum	
		6-7		Moonlight White	
		8-9		Full CT 85	
		10-11		Industry Sodium	
		12-13		HI Sodium	
		14-15		Urban Sodium	
		16-17		LO Sodium	
		18-255		Reserved	
<b>GEL Category 4 : LEE - Cosmetic Filters</b>					
<b>5</b>		0-1		Cosmetic Peach	
		2-3		Cosmetic Silver Rose	
		4-5		Cosmetic Rouge	
		6-7		Cosmetic Highlight	
		8-9		Cosmetic Silver Moss	
		10-11		Cosmetic Aqua Blue	
		12-13		Lily Frost	
		14-15		Shanklin Frost	
		16-17		Half Shanklin Frost	
		18-19		Durham Daylight Frost	
		20-21		Hampshire Rose	
		22-23		Durham Frost	
		24-25		Soft Amber Key 1	
		26-27		Soft Amber Key 2	
		28-29		Moroccan Frost	
		30-31		Blue Diffusion	
		32-33		Blue Frost	
		34-35		Daylight Blue Frost	
	36-255		Reserved		
<b>GEL Category 5 : LEE - 700 Series</b>					

5		0-1		Perfect Lavender	
		2-3		Provence	
		4-5		Special Pale Lavender	
		6-7		Cold Lavender	
		8-9		Lily	
		10-11		King Fals Lavender	
		12-13		Cool Lavender	
		14-15		Electric Lilac	
		16-17		Spir Special Blue	
		18-19		Cold Blue	
		20-21		Bedford Blue	
		22-23		Elysian Blue	
		24-25		Cabana Blue	
		26-27		Mikkel Blue	
		28-29		Colour Wash Blue	
		30-31		Berry Blue	
		32-33		Virgin Blue	
		34-35		Ocean Blue	
		36-37		Old Steel Blue	
		38-39		Steel Green	
		40-41		Liberty Green	
		42-43		Dirty Ice	
		44-45		Damp Squib	
		46-47		JAS Green	
		48-49		Bram Brown	
		50-51		Dirty White	
		52-53		Brown	
		54-55		Easy White	
		56-57		Seedy Pink	
		58-59		Wheat	
	60-61		Sun Colour Straw		
	62-63		LEE Yellow		
	64-65		Cardbox Amber		
	66-67		Nectarine		
	68-69		Millenium Gold		



		70-71		Bastard Pink	
		72-73		Terry Red	
		74-75		Blood Red	
		76-77		Moroccan Pink	
		78-79		Pretty n'Pink	
		80-81		Magical Magenta	
		82-255		Reserved	

## Profile 32: Legacy Gel - 16 Bit (6 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3	CCT	0 - 126	0 - 50	3200K	3200K / 0
		127 - 255	51 - 100	5600K	
4	Rosco / Lee	0 - 29	0 - 12	Rosco	
		30 - 59	13 - 24	Lee	
		60 - 255	25 - 100	Reserved	
5	Series	0 - 9	0 - 4	R-Col.corr / L-Col.Corr	
		10 - 19	5 - 8	R-Cal Color / L-Cal. Filter	
		20 - 29	9 - 12	R-Storaro / L-600 Series	
		30 - 39	13 - 16	R-Cinelux / L-Cosmetic	
		40 - 49	17 - 20	R-reserved / L-700 Series	
		50 - 255	21 - 100	Reserved	
6	Category	0 - 255	0 - 100	See GEL Category Tables Below	
<b>GEL Category 1 : Rosco - Color Correction</b>					
6		0-1		Full CTB	
		2-3		3/4 CTB	
		4-5		1/2 CTB	
		6-7		1/3 CTB	
		8-9		1/4 CTB	
		10-11		1/8 CTB	
		12-13		Double CTB	
		14-15		Full CTO	
		16-17		3/4 CTO	
		18-19		1/2 CTO	
		20-21		1/4 CTO	
		22-23		1/8 CTO	
		24-25		Double CTO	
		26-27		Full CTS	
		28-29		1/2 CTS	
	30-31		1/4 CTS		

		32-33		1/8 CTS	
		34-35		Full Plusgreen	
		36-37		1/2 Plusgreen	
		38-39		1/4 Plusgreen	
		40-41		1/8 Plusgreen	
		42-43		Full Minusgreen	
		44-45		3/4 Minusgreen	
		46-47		1/2 Minusgreen	
		48-49		1/4 Minusgreen	
		50-51		1/8 Minusgreen	
		52-53		Fluorofilter	
		54-55		Industrial Vapor	
		56-57		Urban Vapor	
		58-59		Tough Y1	
		60-61		Tough MT 54	
		62-63		Tough MTY	
		64-65		Tough MT2	
		66-255		Reserved	
<b>GEL Category 1 : Rosco - Cal Color</b>					
<b>6</b>		0-1		15 Blue	
		2-3		30 Blue	
		4-5		60 Blue	
		6-7		90 Blue	
		8-9		7 Cyan	
		10-11		15 Cyan	
		12-13		30 Cyan	
		14-15		60 Cyan	
		16-17		90 Cyan	
		18-19		15 Green	
		20-21		30 Green	
		22-23		60 Green	
		24-25		90 Green	
		26-27		15 Yellow	
		28-29		30 Yellow	
	30-31		60 Yellow		

		32-33		90 Yellow	
		34-35		15 Red	
		36-37		30 Red	
		38-39		60 Red	
		40-41		90 Red	
		42-43		15 Magenta	
		44-45		30 Magenta	
		46-47		60 Magenta	
		48-49		90 Magenta	
		50-51		15 Pink	
		52-53		30 Pink	
		54-55		60 Pink	
		56-57		90 Pink	
		58-59		15 Lavender	
		60-61		30 Lavender	
		62-63		60 Lavender	
		64-65		90 Lavender	
		66-255		Reserved	
<b>GEL Category 3 : Rosco - Storaro</b>					
<b>6</b>		0-1		VS Red	
		2-3		VS Orange	
		4-5		VS Yellow	
		6-7		VS Green	
		8-9		VS Cyan	
		10-11		VS Azure	
		12-13		VS Blue	
		14-15		VS Indigo	
		16-17		VS Violet	
		18-19		VS Magenta	
		20-255		Reserved	
<b>GEL Category 4 : Rosco - Cinelux</b>					
<b>6</b>		0-1		Bastard Amber	
		2-3		Pale Bastard Amber	
		4-5		No Color Straw	
		6-7		Pale Gold	

	8-9		Daffodil	
	10-11		Straw	
	12-13		Light Amber	
	14-15		Gallo Gold	
	16-17		Light Flame	
	18-19		Flame	
	20-21		Mayan Sun	
	22-23		Golden Amber	
	24-25		Soft Golden Amber	
	26-27		Orange	
	28-29		Henna Sky	
	30-31		Light Red	
	32-33		No Color Pink	
	34-35		Blush Pink	
	36-37		Flesh Pink	
	38-39		Pale Rose Pink	
	40-41		Salmon	
	42-43		Deep Salmon	
	44-45		Middle Rose	
	46-47		Light Rose Purple	
	48-49		Surprise Pink	
	50-51		No Color Blue	
	52-53		Clearwater	
	54-55		Booster Blue	
	56-57		Tipton Blue	
	58-59		Blue Bell	
	60-61		Daylight Blue	
	62-63		Tharon Delft Blue	
	64-65		Cerulean Blue	
	66-67		Bermuda Blue	
	68-69		Green Blue	
	70-71		Alice Blue	
	72-73		Primary Blue	
	74-75		Baldassari Blue	
	76-77		Medium Blue	

		78-79		Pale Yellow Green	
		80-81		Light Green	
		82-83		Moss Green	
		84-85		Primary Green	
		86-87		Turquoise	
		88-89		Blue Green	
		90-91		Chocolate	
		92-255		Reserved	
<b>GEL Category 1 : LEE - Color Correction</b>					
<b>6</b>		0-1		Double CTB	
		2-3		Full CTB	
		4-5		3/4 CTB	
		6-7		1/2 CTB	
		8-9		1/4 CTB	
		10-11		1/8 CTB	
		12-13		Double CTO	
		14-15		Full CTO	
		16-17		3/4 CTO	
		18-19		1/2 CTO	
		20-21		1/4 CTO	
		22-23		1/8 CTO	
		24-25		1 1/2 CTB	
		26-27		1 1/2 CTO	
		28-29		Full CTS	
		30-31		1/2 CTS	
		32-33		1/4 CTS	
		34-35		1/8 CTS	
		36-37		Full CTO + .3 ND	
		38-39		Full CTO + .6 ND	
		40-41		L.C.T. Yellow (Y1)	
	42-43		White Flame Green		
	44-45		LEE Fluorescent Green		
	46-47		Super Correction L.C.T. Yellow		
	48-49		Super Correction W.F. Green		

		50-51		H.M.I. (to Tungsten)	
		52-53		C.I.D. (to Tungsten)	
		54-55		C.S.I. (to Tungsten)	
		56-57		LEE Fluorescent 5700 Kelvin	
		58-59		LEE Fluorescent 4300 Kelvin	
		60-61		LEE Fluorescent 3600 Kelvin	
		62-63		LEE Plus Green	
		64-65		1/2 Plus Green	
		66-67		1/4 Plus Green	
		68-69		1/8 Plus Green	
		70-71		LEE Minus Green	
		72-73		1/2 Minus Green	
		74-75		1/4 Minus Green	
		76-77		1/8 Minus Green	
		78-255		Reserved	
<b>GEL Category 2 : LEE - Color Filters</b>					
<b>6</b>		0-1		Rose Pink	
		2-3		Lavender Tint	
		4-5		Medium Bastard Amber	
		6-7		Pale Yellow	
		8-9		Dark Salmon	
		10-11		Pale Amber Gold	
		12-13		Medium Yellow	
		14-15		Straw Tint	
		16-17		Surprise Peach	
		18-19		Fire	
		20-21		Medium Amber	
		22-23		Gold Amber	
		24-25		Dark Amber	
		26-27		Scarlet	
		28-29		Sunset Red	
		30-31		Bright Red	
	32-33		Light Pink		

	34-35		Medium Pink	
	36-37		Dark Magenta	
	38-39		Rose Purple	
	40-41		Light Lavender	
	42-43		Paler Lavender	
	44-45		Lavender	
	46-47		Mist Blue	
	48-49		Pale Blue	
	50-51		Sky Blue	
	52-53		Evening Blue	
	54-55		Just Blue	
	56-57		Deeper Blue	
	58-59		Lime Green	
	60-61		Moss Green	
	62-63		Dark Yellow Green	
	64-65		Spring Yellow	
	66-67		Yellow	
	68-69		Light Amber	
	70-71		Straw	
	72-73		Deep Amber	
	74-75		Primary Red	
	76-77		Light Rose	
	78-79		English Rose	
	80-81		Light Salmon	
	82-83		Middle Rose	
	84-85		Dark Pink	
	86-87		Magenta	
	88-89		Peacock Blue	
	90-91		Steel Blue	
	92-93		Light Blue	
	94-95		Deep Blue	
	96-97		LEE Green	
	98-99		Fern Green	
	100-101		Dark Green	
	102-103		Smokey Pink	



	104-105		Bright Pink	
	106-107		Marine Blue	
	108-109		Golden Amber	
	110-111		Deep Golden Amber	
	112-113		Pale Lavender	
	114-115		Special Lavender	
	116-117		Pale Green	
	118-119		Summer Blue	
	120-121		Pale Violet	
	122-123		Pale Navy Blue	
	124-125		No Color Blue	
	126-127		Apricot	
	128-129		Bright Rose	
	130-131		Gold Tint	
	132-133		Pale Gold	
	134-135		Pale Salmon	
	136-137		Pale Rose	
	138-139		Chocolate	
	140-141		Pink	
	142-143		No Color Straw	
	144-145		Slate Blue	
	146-147		Bastard Amber	
	148-149		Flame Red	
	150-151		Daylight Blue	
	152-153		Lilac Tint	
	154-155		Deep Lavender	
	156-157		Dark Steel Blue	
	158-159		Loving Amber	
	160-161		Dark Lavender	
	162-163		Light Red	
	164-165		Flesh Pink	
	166-167		Surprise Pink	
	168-169		Zenith Blue	
	170-171		True Blue	
	172-173		Alice Blue	

		174-175		Palace Blue	
		176-177		Regal Blue	
		178-255		Reserved	
<b>GEL Category 3 : LEE - 600 Series</b>					
<b>6</b>		0-1		Arctic White	
		2-3		Silver	
		4-5		Platinum	
		6-7		Moonlight White	
		8-9		Full CT 85	
		10-11		Industry Sodium	
		12-13		HI Sodium	
		14-15		Urban Sodium	
		16-17		LO Sodium	
		18-255		Reserved	
<b>GEL Category 4 : LEE - Cosmetic Filters</b>					
<b>6</b>		0-1		Cosmetic Peach	
		2-3		Cosmetic Silver Rose	
		4-5		Cosmetic Rouge	
		6-7		Cosmetic Highlight	
		8-9		Cosmetic Silver Moss	
		10-11		Cosmetic Aqua Blue	
		12-13		Lily Frost	
		14-15		Shanklin Frost	
		16-17		Half Shanklin Frost	
		18-19		Durham Daylight Frost	
		20-21		Hampshire Rose	
		22-23		Durham Frost	
		24-25		Soft Amber Key 1	
		26-27		Soft Amber Key 2	
		28-29		Moroccan Frost	
		30-31		Blue Diffusion	
		32-33		Blue Frost	
		34-35		Daylight Blue Frost	
	36-255		Reserved		
<b>GEL Category 5 : LEE - 700 Series</b>					

6		0-1		Perfect Lavender	
		2-3		Provence	
		4-5		Special Pale Lavender	
		6-7		Cold Lavender	
		8-9		Lily	
		10-11		King Fals Lavender	
		12-13		Cool Lavender	
		14-15		Electric Lilac	
		16-17		Spir Special Blue	
		18-19		Cold Blue	
		20-21		Bedford Blue	
		22-23		Elysian Blue	
		24-25		Cabana Blue	
		26-27		Mikkel Blue	
		28-29		Colour Wash Blue	
		30-31		Berry Blue	
		32-33		Virgin Blue	
		34-35		Ocean Blue	
		36-37		Old Steel Blue	
		38-39		Steel Green	
		40-41		Liberty Green	
		42-43		Dirty Ice	
		44-45		Damp Squib	
		46-47		JAS Green	
		48-49		Bram Brown	
		50-51		Dirty White	
		52-53		Brown	
		54-55		Easy White	
		56-57		Seedy Pink	
		58-59		Wheat	
	60-61		Sun Colour Straw		
	62-63		LEE Yellow		
	64-65		Cardbox Amber		
	66-67		Nectarine		
	68-69		Millenium Gold		

		70-71		Bastard Pink	
		72-73		Terry Red	
		74-75		Blood Red	
		76-77		Moroccan Pink	
		78-79		Pretty n'Pink	
		80-81		Magical Magenta	
		82-255		Reserved	

# Control Channel Profiles

## Profile 41: CCT & RGB + Control - 8 Bit (10ch)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5 - 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Crossfade	0 - 255	0-100	White Light to RGB	0
5	Red	0 - 255	0-100		100% / 255
6	Green	0 - 255	0-100		100% / 255
7	Blue	0 - 255	0-100		100% / 255
<b>Control Channels</b>					
8	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
9	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
10	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	k	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 42: CCT & RGB + Control - 16 Bit (17ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7/8	Crossfade	0 - 65535	0-100	White Light to RGB	0
9/10	Red	0 - 65535	0-100		100% / 65535
11/12	Green	0 - 65535	0-100		100% / 65535
13/14	Blue	0 - 65535	0-100		100% / 65535
<b>Control Channels</b>					
15	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
16	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
17	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 43: CCT & RGB & FX+ Control - 8 Bit (20 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5 - 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Crossfade	0 - 255	0-100	White Light to RGB	0
5	Red	0 - 255	0-100		100% / 255
6	Green	0 - 255	0-100		100% / 255
7	Blue	0 - 255	0-100		100% / 255
<b>FX</b>					
8	Crossfade	0-255	0-100%	Crossfade from Static Color to FX	100%
9	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
70 - 255		28 - 100	Stop		
10	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	
		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	
		90 - 99	37 - 40	Pulsing	
		100 - 109	41 - 44	Welding	

		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	
		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
11	Effect Parameter 1	0-255	0-100%	See Effect Chart	
12	Effect Parameter 2	0-255	0-100%		
13	Effect Parameter 3	0-255	0-100%		
14	Effect Parameter 4	0-255	0-100%		
15	Effect Parameter 5	0-255	0-100%		
16	Effect Parameter 6	0-255	0-100%		
17	Effect Parameter 7	0-255	0-100%		
<b>Control Channels</b>					
18	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
19	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
20	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	



## Profile 44: CCT & RGB & FX + Control - 16 Bit (29 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7/8	Crossfade	0 - 65535	0-100	White Light to RGB	0
9/10	Red	0 - 65535	0-100		100% / 65535
11/12	Green	0 - 65535	0-100		100% / 65535
13/14	Blue	0 - 65535	0-100		100% / 65535
<b>FX</b>					
15	Crossfade	0-255	0-100%	Crossfade from Static Color to FX	100%
16	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
70 - 255		28 - 100	Stop		
17	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	
		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	
		90 - 99	37 - 40	Pulsing	
		100 - 109	41 - 44	Welding	

		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	
		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
<b>18</b>	<b>Effect Parameter 1</b>	0-255	0-100%	See Effect Chart	
<b>19</b>	<b>Effect Parameter 2</b>	0-255	0-100%		
<b>20</b>	<b>Effect Parameter 3</b>	0-255	0-100%		
<b>21</b>	<b>Effect Parameter 4</b>	0-255	0-100%		
<b>22</b>	<b>Effect Parameter 5</b>	0-255	0-100%		
<b>23</b>	<b>Effect Parameter 6</b>	0-255	0-100%		
<b>24</b>	<b>Effect Parameter 7</b>	0-255	0-100%		
<b>25</b>	<b>Effect Parameter 8</b>	0-255	0-100%		
<b>26</b>	<b>Effect Parameter 9</b>	0-255	0-100%		
<b>Control Channels</b>					
<b>27</b>	<b>Strobe</b>	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
<b>28</b>	<b>Control Channel</b>	0 - 255	0-100	<b>SEE CONTROL CHANNEL CHART</b>	
<b>29</b>	<b>Fan Mode</b>	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 45: CCT & RGB & xy + Control - 8 Bit (13 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5- 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Crossfade	0 - 255	0-100	White Light to RGB	0
5	Red	0 - 255	0-100		100% / 255
6	Green	0 - 255	0-100		100% / 255
7	Blue	0 - 255	0-100		100% / 255
8	Crossfade 2	0 - 255	0-100	CCTRGB to xy	0
9	x Coordinate	0 - 255	0 - 0.8		3200K (.3145 / 101)
10	y Coordinate	0 - 255	0 - 0.8		3200K (.3178 / 102)
<b>Control Channels</b>					
11	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
12	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
13	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 46: CCT & RGB & xy + Control - 16 Bit (23 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7 / 8	Crossfade	0 - 65535	0-100	White Light to RGB	0
9 / 10	Red	0 - 65535	0-100		100% / 65535
11 / 12	Green	0 - 65535	0-100		100% / 65535
13 / 14	Blue	0 - 65535	0-100		100% / 65535
15 / 16	Crossfade 2	0 - 65535	0-100	CCTRGB to xy	0
17 / 18	x Coordinate	0 - 65535	0 - 0.8		3200K (.3139 / 25715)
19 / 20	y Coordinate	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
<b>Control Channels</b>					
21	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random (0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant (0.4Hz -> 25Hz)	
22	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
23	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 47: CCT & RGB & xy + FX+ Control - 8 Bit (23 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5- 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Crossfade	0 - 255	0-100	White Light to RGB	0
5	Red	0 - 255	0-100		100% / 255
6	Green	0 - 255	0-100		100% / 255
7	Blue	0 - 255	0-100		100% / 255
8	Crossfade 2	0 - 255	0-100	CCTRGB to xy	0
9	x Coordinate	0 - 255	0 - 0.8		3200K (.3145 / 101)
10	y Coordinate	0 - 255	0 - 0.8		3200K (.3178 / 102)
<b>FX</b>					
11	Crossfade	0-255	0-100%	Crossfade from Static Color to FX	100%
12	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
		70 - 255	28 - 100	Stop	
13	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	

		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	
		90 - 99	37 - 40	Pulsing	
		100 - 109	41 - 44	Welding	
		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	
		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
<b>14</b>	<b>Effect Parameter 1</b>	0-255	0-100%	See Effect Chart	
<b>15</b>	<b>Effect Parameter 2</b>	0-255	0-100%		
<b>16</b>	<b>Effect Parameter 3</b>	0-255	0-100%		
<b>17</b>	<b>Effect Parameter 4</b>	0-255	0-100%		
<b>18</b>	<b>Effect Parameter 5</b>	0-255	0-100%		
<b>19</b>	<b>Effect Parameter 6</b>	0-255	0-100%		
<b>20</b>	<b>Effect Parameter 7</b>	0-255	0-100%		
<b>Control Channels</b>					
<b>21</b>	<b>Strobe</b>	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
<b>22</b>	<b>Control Channel</b>	<b>0 - 255</b>	<b>0-100</b>	<b>SEE CONTROL CHANNEL CHART</b>	
<b>23</b>	<b>Fan Mode</b>	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 48: CCT & RGB & xy + FX + Control - 16 Bit (35 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7 / 8	Crossfade	0 - 65535	0-100	White Light to RGB	0
9 / 10	Red	0 - 65535	0-100		100% / 65535
11 / 12	Green	0 - 65535	0-100		100% / 65535
13 / 14	Blue	0 - 65535	0-100		100% / 65535
15 / 16	Crossfade 2	0 - 65535	0-100	CCTRGB to xy	0
17 / 18	x Coordinate	0 - 65535	0 - 0.8		3200K (.3139 / 25715)
19 / 20	y Coordinate	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
<b>FX</b>					
21	Crossfade	0 - 65535	0-100	Crossfade from Static Color to FX	100%
22	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
		70 - 255	28 - 100	Stop	
23	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	

		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	
		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	
		90 - 99	37 - 40	Pulsing	
		100 - 109	41 - 44	Welding	
		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	
		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
<b>24</b>	<b>Effect Parameter 1</b>	0-255	0-100%	See Effect Chart	
<b>25</b>	<b>Effect Parameter 2</b>	0-255	0-100%		
<b>26</b>	<b>Effect Parameter 3</b>	0-255	0-100%		
<b>27</b>	<b>Effect Parameter 4</b>	0-255	0-100%		
<b>28</b>	<b>Effect Parameter 5</b>	0-255	0-100%		
<b>29</b>	<b>Effect Parameter 6</b>	0-255	0-100%		
<b>30</b>	<b>Effect Parameter 7</b>	0-255	0-100%		
<b>31</b>	<b>Effect Parameter 8</b>	0-255	0-100%		
<b>32</b>	<b>Effect Parameter 9</b>	0-255	0-100%		
<b>Control Channels</b>					
<b>33</b>	<b>Strobe</b>	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
<b>34</b>	<b>Control Channel</b>	<b>0 - 255</b>	<b>0-100</b>	<b>SEE CONTROL CHANNEL CHART</b>	
<b>35</b>	<b>Fan Mode</b>	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	



		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 49: HSI+ Control - 8 Bit (6 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
<b>CCT is Locked at 6500K</b>					
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	Hue	0 - 255	0 to 359.9°		0
3	Saturation	0 - 255	0 - 100%	White Light to RGB	0%
<b>Control Channels</b>					
4	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
5	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
6	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 50: HSI - 16 Bit (9 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
<b>CCT is Locked at 6500K</b>					
<b>1 / 2</b>	<b>Intensity</b>	0 - 255	0 - 100	0 0 - 100%	0% / 0
<b>3 / 4</b>	<b>Hue</b>	0 - 65535	0 to 359.9°		0
<b>5 / 6</b>	<b>Saturation</b>	0 - 65535	0 - 100%	White Light to RGB	0%
<b>Control Channels</b>					
<b>7</b>	<b>Strobe</b>	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
<b>8</b>	<b>Control Channel</b>	0 - 255	0-100	<b>SEE CONTROL CHANNEL CHART</b>	
<b>9</b>	<b>Fan Mode</b>	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 51: HSIC+ + Control - 8 Bit (8 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5 - 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Hue	0 - 255	0 to 359.9°		0
5	Saturation	0 - 255	0 - 100%	White Light to RGB	0%
<b>Control Channels</b>					
6	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
7	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
8	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 52: HSIC+ - 16 Bit (13 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5/6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5- 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7/8	Hue	0 - 65535	0 to 359.9°		0
9/10	Saturation	0 - 65535	0 - 100%	White Light to RGB	0%
<b>Control Channels</b>					
11	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
12	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
13	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 53: HSIC+ & FX+ Control - 8 Bit (18 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5 - 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Hue	0 - 255	0 to 359.9°		0
5	Saturation	0 - 255	0 - 100%	White Light to RGB	0%
<b>FX</b>					
6	Crossfade	0-255	0-100%	Crossfade from Static Color to FX	100%
7	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
		70 - 255	28 - 100	Stop	
8	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	
		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	
		90 - 99	37 - 40	Pulsing	
		100 - 109	41 - 44	Welding	
		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	

		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
9	Effect Parameter 1	0-255	0-100%	See Effect Chart	
10	Effect Parameter 2	0-255	0-100%		
11	Effect Parameter 3	0-255	0-100%		
12	Effect Parameter 4	0-255	0-100%		
13	Effect Parameter 5	0-255	0-100%		
14	Effect Parameter 6	0-255	0-100%		
15	Effect Parameter 7	0-255	0-100%		
<b>Control Channels</b>					
16	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
17	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
18	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 54: HSIC+ & FX + Control - 16 Bit (25 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7 / 8	Hue	0 - 65535	0 to 359.9°		0
9 / 10	Saturation	0 - 65535	0 - 100%	White Light to RGB	0%
<b>FX</b>					
11	Crossfade	0-255	0-100%	Crossfade from Static Color to FX	100%
12	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
		70 - 255	28 - 100	Stop	
13	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	
		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	
		90 - 99	37 - 40	Pulsing	
		100 - 109	41 - 44	Welding	
		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	

		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
14	Effect Parameter 1	0-255	0-100%	See Effect Chart	
15	Effect Parameter 2	0-255	0-100%		
16	Effect Parameter 3	0-255	0-100%		
17	Effect Parameter 4	0-255	0-100%		
18	Effect Parameter 5	0-255	0-100%		
19	Effect Parameter 6	0-255	0-100%		
20	Effect Parameter 7	0-255	0-100%		
21	Effect Parameter 8	0-256	0-100%		
22	Effect Parameter 9	0-257	0-100%		
<b>Control Channels</b>					
23	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
24	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
25	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	



## Profile 55: HSIC+ & xy+ Control - 8 Bit (11 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5 - 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Hue	0 - 65535	0 to 359.9°		0
5	Saturation	0 - 65535	0 - 100%	White Light to RGB	0%
6	Crossfade	0 - 255	0-100	HSIC+ to xy	0
7	x Coordinate	0 - 255	0 - 0.8		3200K (.3145 / 101)
8	y Coordinate	0 - 255	0 - 0.8		3200K (.3178 / 102)
<b>Control Channels</b>					
9	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
10	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
11	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 56: HSIC+ & xy+ Control - 16 Bit (19 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7 / 8	Hue	0 - 65535	0 to 359.9°		0
9 / 10	Saturation	0 - 65535	0 - 100%	White Light to RGB	0%
11 / 12	Crossfade	0 - 65535	0-100	HSIC+ to xy	0
13 / 14	x Coordinate	0 - 65535	0 - 0.8		3200K (.3139 / 25715)
15 / 16	y Coordinate	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
<b>Control Channels</b>					
17	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
18	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
19	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 57: HSIC+ & xy + FX + Control - 8 Bit (21 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5 - 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
4	Hue	0 - 65535	0 to 359.9°		0
5	Saturation	0 - 65535	0 - 100%	White Light to RGB	0%
6	Crossfade	0 - 255	0-100	HSIC+ to xy	0
7	x Coordinate	0 - 255	0 - 0.8		3200K (.3145 / 101)
8	y Coordinate	0 - 255	0 - 0.8		3200K (.3178 / 102)
<b>FX</b>					
9	Crossfade	0-255	0-100%	Crossfade from Static Color to FX	100%
10	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
		70 - 255	28 - 100	Stop	
11	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	
		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	
		90 - 99	37 - 40	Pulsing	

		100 - 109	41 - 44	Welding	
		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	
		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
12	Effect Parameter 1	0-255	0-100%	See Effect Chart	
13	Effect Parameter 2	0-255	0-100%		
14	Effect Parameter 3	0-255	0-100%		
15	Effect Parameter 4	0-255	0-100%		
16	Effect Parameter 5	0-255	0-100%		
17	Effect Parameter 6	0-255	0-100%		
18	Effect Parameter 7	0-255	0-100%		
<b>Control Channels</b>					
19	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
20	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
21	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 58: HSIC+ & xy + FX- 16 Bit (31 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
7 / 8	Hue	0 - 65535	0 to 359.9°		0
9 / 10	Saturation	0 - 65535	0 - 100%	White Light to RGB	0%
11 / 12	Crossfade	0 - 65535	0-100	HSIC+ to xy	0
13 / 14	x Coordinate	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
15 / 16	y Coordinate	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
<b>FX</b>					
17	Crossfade	0-255	0-100%	Crossfade from Static Color to FX	100%
18	Trigger Lightning	0 - 9	0 - 4	Loop	
		10 - 69	5 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Explosion	0 - 69	0 - 27	Trigger	
		70 - 255	28 - 100	Stop	
	Trigger Other Effects	0 - 69	0 - 27	Loop	
		70 - 255	28 - 100	Stop	
19	Effect Selection	0 - 9	0 - 4	Club Lights	
		10 - 19	5 - 8	Paparazzi	
		20 - 29	9 - 12	Lightning	
		30 - 39	13 - 16	TV	
		40 - 49	17 - 20	Candle	
		50 - 59	21 - 24	Fire	
		60 - 69	25 - 28	Strobe	
		70 - 79	29 - 32	Explosion	
		80 - 89	33 - 36	Faulty Bulb	

		90 - 99	37 - 40	Pulsing	
		100 - 109	41 - 44	Welding	
		110 - 119	45 - 48	Cop Car	
		120 - 129	49 - 52	Color Chase	
		130 - 139	53 - 56	Party Lights	
		140 - 149	57 - 60	Fireworks	
		150 - 255	61 - 100	Reserved	
<b>20</b>	<b>Effect Parameter 1</b>	0-255	0-100%	See Effect Chart	
<b>21</b>	<b>Effect Parameter 2</b>	0-255	0-100%		
<b>22</b>	<b>Effect Parameter 3</b>	0-255	0-100%		
<b>23</b>	<b>Effect Parameter 4</b>	0-255	0-100%		
<b>24</b>	<b>Effect Parameter 5</b>	0-255	0-100%		
<b>25</b>	<b>Effect Parameter 6</b>	0-255	0-100%		
<b>26</b>	<b>Effect Parameter 7</b>	0-255	0-100%		
<b>27</b>	<b>Effect Parameter 8</b>	0-255	0-100%		
<b>28</b>	<b>Effect Parameter 9</b>	0-255	0-100%		
<b>Control Channels</b>					
<b>29</b>	<b>Strobe</b>	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
<b>30</b>	<b>Control Channel</b>	<b>0 - 255</b>	<b>0-100</b>	<b>SEE CONTROL CHANNEL CHART</b>	
<b>31</b>	<b>Fan Mode</b>	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 59: xy+ Control - 8 Bit (6 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	x Coordinate	0 - 255	0 - 0.8		3200K (.3145 / 101)
3	y Coordinate	0 - 255	0 - 0.8		3200K (.3178 / 102)
<b>Control Channels</b>					
4	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
5	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
6	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 60: xy+ Control - 16 Bit (10 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
3 / 4	x Coordinate	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
6 / 7	y Coordinate	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
<b>Control Channels</b>					
8	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
9	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
10	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	



## Profile 61: RGB + Control - 8 Bit (6 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
<b>CCT is Locked at 6500K</b>					
1	Red	0 - 255	0-100		100% / 255
2	Green	0 - 255	0-100		100% / 255
3	Blue	0 - 255	0-100		100% / 255
<b>Control Channels</b>					
4	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
5	Control Channel	0 - 255	0-100	<b>SEE CONTROL CHANNEL CHART</b>	
6	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 62: RGB + Control - 16 Bit (9 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
<b>CCT is Locked at 6500K</b>					
<b>1 / 2</b>	<b>Red</b>	0 - 65535	0-100		100% / 65535
<b>3 / 4</b>	<b>Green</b>	0 - 65535	0-100		100% / 65535
<b>5 / 6</b>	<b>Blue</b>	0 - 65535	0-100		100% / 65535
<b>Control Channels</b>					
<b>7</b>	<b>Strobe</b>	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
<b>8</b>	<b>Control Channel</b>	<b>0 - 255</b>	<b>0-100</b>	<b>SEE CONTROL CHANNEL CHART</b>	
<b>9</b>	<b>Fan Mode</b>	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 63: iRGB + Control - 8 Bit (7 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
<b>CCT is Locked at 6500K</b>					
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	Red	0 - 255	0-100		100% / 255
3	Green	0 - 255	0-100		100% / 255
4	Blue	0 - 255	0-100		100% / 255
<b>Control Channels</b>					
5	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
6	Control Channel	0 - 255	0-100	<b>SEE CONTROL CHANNEL CHART</b>	
7	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 64: iRGB + Control - 16 Bit (11 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
<b>CCT is Locked at 6500K</b>					
<b>1 / 2</b>	<b>Intensity</b>	0 - 65535	0 - 100	0 0 - 100%	0% / 0
<b>3 / 4</b>	<b>Red</b>	0 - 65535	0-100		100% / 65535
<b>5 / 6</b>	<b>Green</b>	0 - 65535	0-100		100% / 65535
<b>7 / 8</b>	<b>Blue</b>	0 - 65535	0-100		100% / 65535
<b>Control Channels</b>					
<b>9</b>	<b>Strobe</b>	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
<b>10</b>	<b>Control Channel</b>	0 - 255	0-100	<b>SEE CONTROL CHANNEL CHART</b>	
<b>11</b>	<b>Fan Mode</b>	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 65: RGBACL + Control - 8 Bit (9 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Red	0 - 255	0-100		0% / 0
2	Green	0 - 255	0-100		0% / 0
3	Blue	0 - 255	0-100		0% / 0
4	Amber	0 - 255	0-100		0% / 0
5	Cyan	0 - 255	0-100		0% / 0
6	Lime	0 - 255	0-100		0% / 0
<b>Control Channels</b>					
7	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
8	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
9	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 66: RGBACL + Control - 16 Bit (15 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Red	0 - 65535	0-100		0% / 0
3 / 4	Green	0 - 65535	0-100		0% / 0
5 / 6	Blue	0 - 65535	0-100		0% / 0
7 / 8	Amber	0 - 65535	0-100		0% / 0
9 / 10	Cyan	0 - 65535	0-100		0% / 0
11 / 12	Lime	0 - 65535	0-100		0% / 0
<b>Control Channels</b>					
13	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
14	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
15	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 67: CCT+ Control - 8 Bit (6 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
3	±Green	0 - 255	0 - 100	Minus Green to Plus Green	Neutral / 50% / 133
		0 - 10	0 - 4	No Effect*	
		11 - 20	5 - 8	-100 / Full Minus Green	
		21 - 119	9 - 46	-99% - -1%	
		120 - 145	47 - 57	0 % / Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	100% / Full Plus Green	
<b>Control Channels</b>					
4	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
5	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
6	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 68: CCT+ Control - 16 Bit (9 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3 / 4	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
5 / 6	±Green	0 - 65535	0 - 100	Minus Green to Plus Green	Neutral / 50% / 33918
		0 - 2621	0 - 4	No Effect*	
		2622 - 5243	5 - 8	-100 / Full Minus Green	
		5244 - 30146	9 - 47	-99% - -1%	
		30147 - 37355	48 - 57	0 % / Neutral	
		37356 - 62914	58 - 96	1% - 99%	
		62915 - 65535	97 - 100	100% / Full Plus Green	
<b>Control Channels</b>					
7	Strobe	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
8	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
9	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	



## Profile 69: Source Mode + Control - 8 Bit (7 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 0 - 100%	0% / 0
2	Source	0 - 2	0 - 1	Tungsten Bulb	0% / 0
		3 - 5	2 - 3	Incandescent	
		6 - 8	4 - 5	Halogen	
		9 - 11	6 - 7	Antique Bulb	
		12 - 14	8 - 9	Warm Antique Bulb	
		15 - 17	10 - 11	Christmas Lights	
		18 - 20	12 - 13	Night Light	
		21 - 23	14 - 15	Infrared Heat Lamp	
		24 - 26	16 - 17	Grow Light	
		27 - 29	18 - 19	CFL Soft White	
		30 - 32	20 - 21	CFL Bright White	
		33 - 35	22 - 23	CFL Cool White	
		36 - 38	24 - 25	CFL Daylight	
		39 - 41	26 - 27	Cool White 1	
		42 - 44	28 - 29	Cool White 2	
		45 - 47	30 - 31	Cool White 3	
		48 - 50	32 - 33	Warm White	
		51 - 53	34 - 35	CFL Blacklight	
		54 - 56	36 - 37	HMI	
		57 - 59	38 - 39	High Pressure Sodium	
		60 - 62	40 - 41	Low Pressure Sodium	
		63 - 65	42 - 43	Mercury Vapor	
		66 - 68	44 - 45	Metal Halide	
		69 - 71	46 - 47	Ceramic	
		72 - 74	48 - 49	Carbon Arc	
		75 - 77	50 - 51	Xenon	
		78 - 80	52 - 53	Candle	
		81 - 83	54 - 55	Gas Fire	
		84 - 86	56 - 57	Sun Direct	
		87 - 89	58 - 59	Sun Overcast	
		90 - 92	60 - 61	Sun Blue Hour	
		93 - 95	62 - 63	Mobile Phone	

		96 - 98	64 - 65	Computer Monitor	
		99 - 101	66 - 67	Electroluminescence	
		102 - 104	68 - 69	Blow Torch	
		105 - 107	70 - 71	Road Flare	
		108 - 110	72 - 73	Amber Caution	
		111-113	74 - 75	Green Traffic Light	
		114 - 116	76 - 77	Yellow Traffic Light	
		117 - 119	78 - 79	Red Traffic Light	
		120 - 122	80 - 81	Blue Glow Stick	
		123 - 125	82 - 83	Green Glow Stick	
		126 - 128	84 - 85	Red Glow Stick	
		129 - 131	86 - 87	Yellow Glow Stick	
		132 - 134	88 - 89	Pink Glow Stick	
		135 - 137	90 - 91	Violet Glow Stick	
		138 - 255	92 - 100	RESERVED	
<b>3</b>	<b>x Coordinate</b>	0 - 255	0 - 0.8		3200K (.3145 / 101)
<b>4</b>	<b>y Coordinate</b>	0 - 255	0 - 0.8		3200K (.3178 / 102)
<b>Control Channels</b>					
<b>5</b>	<b>Strobe</b>	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
<b>6</b>	<b>Control Channel</b>	<b>0 - 255</b>	<b>0-100</b>	<b>SEE CONTROL CHANNEL CHART</b>	
<b>7</b>	<b>Fan Mode</b>	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 70: Source Mode + Control - 16 Bit (10 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3	Source	0 - 2	0 - 1	Tungsten Bulb	0% / 0
		3 - 5	2 - 3	Incandescent	
		6 - 8	4 - 5	Halogen	
		9 - 11	6 - 7	Antique Bulb	
		12 - 14	8 - 9	Warm Antique Bulb	
		15 - 17	10 - 11	Christmas Lights	
		18 - 20	12 - 13	Night Light	
		21 - 23	14 - 15	Infrared Heat Lamp	
		24 - 26	16 - 17	Grow Light	
		27 - 29	18 - 19	CFL Soft White	
		30 - 32	20 - 21	CFL Bright White	
		33 - 35	22 - 23	CFL Cool White	
		36 - 38	24 - 25	CFL Daylight	
		39 - 41	26 - 27	Cool White 1	
		42 - 44	28 - 29	Cool White 2	
		45 - 47	30 - 31	Cool White 3	
		48 - 50	32 - 33	Warm White	
		51 - 53	34 - 35	CFL Blacklight	
		54 - 56	36 - 37	HMI	
		57 - 59	38 - 39	High Pressure Sodium	
		60 - 62	40 - 41	Low Pressure Sodium	
		63 - 65	42 - 43	Mercury Vapor	
		66 - 68	44 - 45	Metal Halide	
		69 - 71	46 - 47	Ceramic	
		72 - 74	48 - 49	Carbon Arc	
		75 - 77	50 - 51	Xenon	
		78 - 80	52 - 53	Candle	
		81 - 83	54 - 55	Gas Fire	
		84 - 86	56 - 57	Sun Direct	
		87 - 89	58 - 59	Sun Overcast	
		90 - 92	60 - 61	Sun Blue Hour	
		93 - 95	62 - 63	Mobile Phone	

		96 - 98	64 - 65	Computer Monitor	
		99 - 101	66 - 67	Electroluminescence	
		102 - 104	68 - 69	Blow Torch	
		105 - 107	70 - 71	Road Flare	
		108 - 110	72 - 73	Amber Caution	
		111-113	74 - 75	Green Traffic Light	
		114 - 116	76 - 77	Yellow Traffic Light	
		117 - 119	78 - 79	Red Traffic Light	
		120 - 122	80 - 81	Blue Glow Stick	
		123 - 125	82 - 83	Green Glow Stick	
		126 - 128	84 - 85	Red Glow Stick	
		129 - 131	86 - 87	Yellow Glow Stick	
		132 - 135	88 - 89	Pink Glow Stick	
		136 - 138	90 - 91	Violet Glow Stick	
		139 - 255	92 - 100	RESERVED	
<b>4 / 5</b>	<b>x Coordinate</b>	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
<b>6 / 7</b>	<b>y Coordinate</b>	0 - 65535	0 - 0.8		3200K (.3240 / 26542)
<b>Control Channels</b>					
<b>8</b>	<b>Strobe</b>	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
<b>9</b>	<b>Control Channel</b>	0 - 255	0-100	<b>SEE CONTROL CHANNEL CHART</b>	
<b>10</b>	<b>Fan Mode</b>	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 71: Legacy Gel + Control - 8 Bit (8 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Intensity	0 - 255	0 - 100	0 → 100%	
2	CCT	0 - 126	0 - 50	3200K	3200K / 0
		127 - 255	51 - 100	5600K	
3	Rosco / Lee	0 - 29	0 - 12	Rosco	
		30 - 59	13 - 24	Lee	
		60 - 255	25 - 100	Reserved	
4	Series	0 - 9	0 - 4	R-Col.corr / L-Col.Corr	
		10 - 19	5 - 8	R-Cal Color / L-Cal. Filter	
		20 - 29	9 - 12	R-Storaro / L-600 Series	
		30 - 39	13 - 16	R-Cinelux / L-Cosmetic	
		40 - 49	17 - 20	R-reserved / L-700 Series	
		50 - 255	21 - 100	Reserved	
5	Category	0 - 255	0 - 100	See GEL Category Tables Below	
<b>GEL Category 1 : Rosco - Color Correction</b>					
5		0-1		Full CTB	
		2-3		3/4 CTB	
		4-5		1/2 CTB	
		6-7		1/3 CTB	
		8-9		1/4 CTB	
		10-11		1/8 CTB	
		12-13		Double CTB	
		14-15		Full CTO	
		16-17		3/4 CTO	
		18-19		1/2 CTO	
		20-21		1/4 CTO	
		22-23		1/8 CTO	
		24-25		Double CTO	
	26-27		Full CTS		
	28-29		1/2 CTS		

		30-31		1/4 CTS	
		32-33		1/8 CTS	
		34-35		Full Plusgreen	
		36-37		1/2 Plusgreen	
		38-39		1/4 Plusgreen	
		40-41		1/8 Plusgreen	
		42-43		Full Minusgreen	
		44-45		3/4 Minusgreen	
		46-47		1/2 Minusgreen	
		48-49		1/4 Minusgreen	
		50-51		1/8 Minusgreen	
		52-53		Fluorofilter	
		54-55		Industrial Vapor	
		56-57		Urban Vapor	
		58-59		Tough Y1	
		60-61		Tough MT 54	
		62-63		Tough MTY	
		64-65		Tough MT2	
		66-255		Reserved	
<b>GEL Category 1 : Rosco - Cal Color</b>					
<b>5</b>		0-1		15 Blue	
		2-3		30 Blue	
		4-5		60 Blue	
		6-7		90 Blue	
		8-9		7 Cyan	
		10-11		15 Cyan	
		12-13		30 Cyan	
		14-15		60 Cyan	
		16-17		90 Cyan	
		18-19		15 Green	
		20-21		30 Green	
		22-23		60 Green	
		24-25		90 Green	
		26-27		15 Yellow	
	28-29		30 Yellow		

		30-31		60 Yellow	
		32-33		90 Yellow	
		34-35		15 Red	
		36-37		30 Red	
		38-39		60 Red	
		40-41		90 Red	
		42-43		15 Magenta	
		44-45		30 Magenta	
		46-47		60 Magenta	
		48-49		90 Magenta	
		50-51		15 Pink	
		52-53		30 Pink	
		54-55		60 Pink	
		56-57		90 Pink	
		58-59		15 Lavender	
		60-61		30 Lavender	
		62-63		60 Lavender	
		64-65		90 Lavender	
		66-255		Reserved	
<b>GEL Category 3 : Rosco - Storaro</b>					
<b>5</b>		0-1		VS Red	
		2-3		VS Orange	
		4-5		VS Yellow	
		6-7		VS Green	
		8-9		VS Cyan	
		10-11		VS Azure	
		12-13		VS Blue	
		14-15		VS Indigo	
		16-17		VS Violet	
		18-19		VS Magenta	
		20-255		Reserved	
<b>GEL Category 4 : Rosco - Cinelux</b>					
<b>5</b>		0-1		Bastard Amber	
		2-3		Pale Bastard Amber	
		4-5		No Color Straw	

	6-7		Pale Gold	
	8-9		Daffodil	
	10-11		Straw	
	12-13		Light Amber	
	14-15		Gallo Gold	
	16-17		Light Flame	
	18-19		Flame	
	20-21		Mayan Sun	
	22-23		Golden Amber	
	24-25		Soft Golden Amber	
	26-27		Orange	
	28-29		Henna Sky	
	30-31		Light Red	
	32-33		No Color Pink	
	34-35		Blush Pink	
	36-37		Flesh Pink	
	38-39		Pale Rose Pink	
	40-41		Salmon	
	42-43		Deep Salmon	
	44-45		Middle Rose	
	46-47		Light Rose Purple	
	48-49		Surprise Pink	
	50-51		No Color Blue	
	52-53		Clearwater	
	54-55		Booster Blue	
	56-57		Tipton Blue	
	58-59		Blue Bell	
	60-61		Daylight Blue	
	62-63		Tharon Delft Blue	
	64-65		Cerulean Blue	
	66-67		Bermuda Blue	
	68-69		Green Blue	
	70-71		Alice Blue	
	72-73		Primary Blue	
	74-75		Baldassari Blue	



		76-77		Medium Blue	
		78-79		Pale Yellow Green	
		80-81		Light Green	
		82-83		Moss Green	
		84-85		Primary Green	
		86-87		Turquoise	
		88-89		Blue Green	
		90-91		Chocolate	
		92-255		Reserved	
<b>GEL Category 1 : LEE - Color Correction</b>					
<b>5</b>		0-1		Double CTB	
		2-3		Full CTB	
		4-5		3/4 CTB	
		6-7		1/2 CTB	
		8-9		1/4 CTB	
		10-11		1/8 CTB	
		12-13		Double CTO	
		14-15		Full CTO	
		16-17		3/4 CTO	
		18-19		1/2 CTO	
		20-21		1/4 CTO	
		22-23		1/8 CTO	
		24-25		1 1/2 CTB	
		26-27		1 1/2 CTO	
		28-29		Full CTS	
		30-31		1/2 CTS	
		32-33		1/4 CTS	
		34-35		1/8 CTS	
		36-37		Full CTO + .3 ND	
		38-39		Full CTO + .6 ND	
	40-41		L.C.T. Yellow (Y1)		
	42-43		White Flame Green		
	44-45		LEE Fluorescent Green		
	46-47		Super Correction L.C.T. Yellow		

		48-49		Super Correction W.F. Green	
		50-51		H.M.I. (to Tungsten)	
		52-53		C.I.D. (to Tungsten)	
		54-55		C.S.I. (to Tungsten)	
		56-57		LEE Fluorescent 5700 Kelvin	
		58-59		LEE Fluorescent 4300 Kelvin	
		60-61		LEE Fluorescent 3600 Kelvin	
		62-63		LEE Plus Green	
		64-65		1/2 Plus Green	
		66-67		1/4 Plus Green	
		68-69		1/8 Plus Green	
		70-71		LEE Minus Green	
		72-73		1/2 Minus Green	
		74-75		1/4 Minus Green	
		76-77		1/8 Minus Green	
		78-255		Reserved	
<b>GEL Category 2 : LEE - Color Filters</b>					
<b>5</b>		0-1		Rose Pink	
		2-3		Lavender Tint	
		4-5		Medium Bastard Amber	
		6-7		Pale Yellow	
		8-9		Dark Salmon	
		10-11		Pale Amber Gold	
		12-13		Medium Yellow	
		14-15		Straw Tint	
		16-17		Surprise Peach	
		18-19		Fire	
		20-21		Medium Amber	
		22-23		Gold Amber	
		24-25		Dark Amber	
		26-27		Scarlet	
	28-29		Sunset Red		

	30-31		Bright Red	
	32-33		Light Pink	
	34-35		Medium Pink	
	36-37		Dark Magenta	
	38-39		Rose Purple	
	40-41		Light Lavender	
	42-43		Paler Lavender	
	44-45		Lavender	
	46-47		Mist Blue	
	48-49		Pale Blue	
	50-51		Sky Blue	
	52-53		Evening Blue	
	54-55		Just Blue	
	56-57		Deeper Blue	
	58-59		Lime Green	
	60-61		Moss Green	
	62-63		Dark Yellow Green	
	64-65		Spring Yellow	
	66-67		Yellow	
	68-69		Light Amber	
	70-71		Straw	
	72-73		Deep Amber	
	74-75		Primary Red	
	76-77		Light Rose	
	78-79		English Rose	
	80-81		Light Salmon	
	82-83		Middle Rose	
	84-85		Dark Pink	
	86-87		Magenta	
	88-89		Peacock Blue	
	90-91		Steel Blue	
	92-93		Light Blue	
	94-95		Deep Blue	
	96-97		LEE Green	
	98-99		Fern Green	

	100-101		Dark Green	
	102-103		Smokey Pink	
	104-105		Bright Pink	
	106-107		Marine Blue	
	108-109		Golden Amber	
	110-111		Deep Golden Amber	
	112-113		Pale Lavender	
	114-115		Special Lavender	
	116-117		Pale Green	
	118-119		Summer Blue	
	120-121		Pale Violet	
	122-123		Pale Navy Blue	
	124-125		No Color Blue	
	126-127		Apricot	
	128-129		Bright Rose	
	130-131		Gold Tint	
	132-133		Pale Gold	
	134-135		Pale Salmon	
	136-137		Pale Rose	
	138-139		Chocolate	
	140-141		Pink	
	142-143		No Color Straw	
	144-145		Slate Blue	
	146-147		Bastard Amber	
	148-149		Flame Red	
	150-151		Daylight Blue	
	152-153		Lilac Tint	
	154-155		Deep Lavender	
	156-157		Dark Steel Blue	
	158-159		Loving Amber	
	160-161		Dark Lavender	
	162-163		Light Red	
	164-165		Flesh Pink	
	166-167		Surprise Pink	
	168-169		Zenith Blue	

		170-171		True Blue	
		172-173		Alice Blue	
		174-175		Palace Blue	
		176-177		Regal Blue	
		178-255		Reserved	
<b>GEL Category 3 : LEE - 600 Series</b>					
<b>5</b>		0-1		Arctic White	
		2-3		Silver	
		4-5		Platinum	
		6-7		Moonlight White	
		8-9		Full CT 85	
		10-11		Industry Sodium	
		12-13		HI Sodium	
		14-15		Urban Sodium	
		16-17		LO Sodium	
		18-255		Reserved	
<b>GEL Category 4 : LEE - Cosmetic Filters</b>					
<b>5</b>		0-1		Cosmetic Peach	
		2-3		Cosmetic Silver Rose	
		4-5		Cosmetic Rouge	
		6-7		Cosmetic Highlight	
		8-9		Cosmetic Silver Moss	
		10-11		Cosmetic Aqua Blue	
		12-13		Lily Frost	
		14-15		Shanklin Frost	
		16-17		Half Shanklin Frost	
		18-19		Durham Daylight Frost	
		20-21		Hampshire Rose	
		22-23		Durham Frost	
		24-25		Soft Amber Key 1	
		26-27		Soft Amber Key 2	
		28-29		Moroccan Frost	
		30-31		Blue Diffusion	
		32-33		Blue Frost	
	34-35		Daylight Blue Frost		

		36-255		Reserved	
<b>GEL Category 5 : LEE - 700 Series</b>					
<b>5</b>		0-1		Perfect Lavender	
		2-3		Provence	
		4-5		Special Pale Lavender	
		6-7		Cold Lavender	
		8-9		Lily	
		10-11		King Fals Lavender	
		12-13		Cool Lavender	
		14-15		Electric Lilac	
		16-17		Spir Special Blue	
		18-19		Cold Blue	
		20-21		Bedford Blue	
		22-23		Elysian Blue	
		24-25		Cabana Blue	
		26-27		Mikkel Blue	
		28-29		Colour Wash Blue	
		30-31		Berry Blue	
		32-33		Virgin Blue	
		34-35		Ocean Blue	
		36-37		Old Steel Blue	
		38-39		Steel Green	
		40-41		Liberty Green	
		42-43		Dirty Ice	
		44-45		Damp Squib	
		46-47		JAS Green	
		48-49		Bram Brown	
		50-51		Dirty White	
		52-53		Brown	
		54-55		Easy White	
	56-57		Seedy Pink		
	58-59		Wheat		
	60-61		Sun Colour Straw		
	62-63		LEE Yellow		
	64-65		Cardbox Amber		

		66-67		Nectarine	
		68-69		Millenium Gold	
		70-71		Bastard Pink	
		72-73		Terry Red	
		74-75		Blood Red	
		76-77		Moroccan Pink	
		78-79		Pretty n'Pink	
		80-81		Magical Magenta	
		82-255		Reserved	
<b>Control Channels</b>					
<b>6</b>	<b>Strobe</b>	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
<b>7</b>	<b>Control Channel</b>	<b>0 - 255</b>	<b>0-100</b>	<b>SEE CONTROL CHANNEL CHART</b>	
<b>8</b>	<b>Fan Mode</b>	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 72: Legacy Gel + Control - 16 Bit (9 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Intensity	0 - 65535	0 - 100	0 0 - 100%	0% / 0
3	CCT	0 - 126	0 - 50	3200K	3200K / 0
		127 - 255	51 - 100	5600K	
4	Rosco / Lee	0 - 29	0 - 12	Rosco	
		30 - 59	13 - 24	Lee	
		60 - 255	25 - 100	Reserved	
5	Series	0 - 9	0 - 4	R-Col.corr / L-Col.Corr	
		10 - 19	5 - 8	R-Cal Color / L-Cal. Filter	
		20 - 29	9 - 12	R-Storaro / L-600 Series	
		30 - 39	13 - 16	R-Cinelux / L-Cosmetic	
		40 - 49	17 - 20	R-reserved / L-700 Series	
		50 - 255	21 - 100	Reserved	
6	Category	0 - 255	0 - 100	See GEL Category Tables Below	
<b>GEL Category 1 : Rosco - Color Correction</b>					
6		0-1		Full CTB	3202
		2-3		3/4 CTB	3203
		4-5		1/2 CTB	3204
		6-7		1/3 CTB	3206
		8-9		1/4 CTB	3208
		10-11		1/8 CTB	3216
		12-13		Double CTB	3220
		14-15		Full CTO	3407
		16-17		3/4 CTO	
		18-19		1/2 CTO	
		20-21		1/4 CTO	
		22-23		1/8 CTO	
		24-25		Double CTO	
		26-27		Full CTS	
		28-29		1/2 CTS	
	30-31		1/4 CTS		



		32-33		1/8 CTS	
		34-35		Full Plusgreen	
		36-37		1/2 Plusgreen	
		38-39		1/4 Plusgreen	
		40-41		1/8 Plusgreen	
		42-43		Full Minusgreen	
		44-45		3/4 Minusgreen	
		46-47		1/2 Minusgreen	
		48-49		1/4 Minusgreen	
		50-51		1/8 Minusgreen	
		52-53		Fluorofilter	
		54-55		Industrial Vapor	
		56-57		Urban Vapor	
		58-59		Tough Y1	
		60-61		Tough MT 54	
		62-63		Tough MTY	
		64-65		Tough MT2	
		66-255		Reserved	
<b>GEL Category 1 : Rosco - Cal Color</b>					
<b>6</b>		0-1		15 Blue	
		2-3		30 Blue	
		4-5		60 Blue	
		6-7		90 Blue	
		8-9		7 Cyan	
		10-11		15 Cyan	
		12-13		30 Cyan	
		14-15		60 Cyan	
		16-17		90 Cyan	
		18-19		15 Green	
		20-21		30 Green	
		22-23		60 Green	
		24-25		90 Green	
		26-27		15 Yellow	
		28-29		30 Yellow	
	30-31		60 Yellow		

		32-33		90 Yellow	
		34-35		15 Red	
		36-37		30 Red	
		38-39		60 Red	
		40-41		90 Red	
		42-43		15 Magenta	
		44-45		30 Magenta	
		46-47		60 Magenta	
		48-49		90 Magenta	
		50-51		15 Pink	
		52-53		30 Pink	
		54-55		60 Pink	
		56-57		90 Pink	
		58-59		15 Lavender	
		60-61		30 Lavender	
		62-63		60 Lavender	
		64-65		90 Lavender	
		66-255		Reserved	
<b>GEL Category 3 : Rosco - Storaro</b>					
<b>6</b>		0-1		VS Red	
		2-3		VS Orange	
		4-5		VS Yellow	
		6-7		VS Green	
		8-9		VS Cyan	
		10-11		VS Azure	
		12-13		VS Blue	
		14-15		VS Indigo	
		16-17		VS Violet	
		18-19		VS Magenta	
		20-255		Reserved	
<b>GEL Category 4 : Rosco - Cinelux</b>					
<b>6</b>		0-1		Bastard Amber	
		2-3		Pale Bastard Amber	
		4-5		No Color Straw	
		6-7		Pale Gold	

	8-9		Daffodil	
	10-11		Straw	
	12-13		Light Amber	
	14-15		Gallo Gold	
	16-17		Light Flame	
	18-19		Flame	
	20-21		Mayan Sun	
	22-23		Golden Amber	
	24-25		Soft Golden Amber	
	26-27		Orange	
	28-29		Henna Sky	
	30-31		Light Red	
	32-33		No Color Pink	
	34-35		Blush Pink	
	36-37		Flesh Pink	
	38-39		Pale Rose Pink	
	40-41		Salmon	
	42-43		Deep Salmon	
	44-45		Middle Rose	
	46-47		Light Rose Purple	
	48-49		Surprise Pink	
	50-51		No Color Blue	
	52-53		Clearwater	
	54-55		Booster Blue	
	56-57		Tipton Blue	
	58-59		Blue Bell	
	60-61		Daylight Blue	
	62-63		Tharon Delft Blue	
	64-65		Cerulean Blue	
	66-67		Bermuda Blue	
	68-69		Green Blue	
	70-71		Alice Blue	
	72-73		Primary Blue	
	74-75		Baldassari Blue	
	76-77		Medium Blue	

		78-79		Pale Yellow Green	
		80-81		Light Green	
		82-83		Moss Green	
		84-85		Primary Green	
		86-87		Turquoise	
		88-89		Blue Green	
		90-91		Chocolate	
		92-255		Reserved	
<b>GEL Category 1 : LEE - Color Correction</b>					
<b>6</b>		0-1		Double CTB	
		2-3		Full CTB	
		4-5		3/4 CTB	
		6-7		1/2 CTB	
		8-9		1/4 CTB	
		10-11		1/8 CTB	
		12-13		Double CTO	
		14-15		Full CTO	
		16-17		3/4 CTO	
		18-19		1/2 CTO	
		20-21		1/4 CTO	
		22-23		1/8 CTO	
		24-25		1 1/2 CTB	
		26-27		1 1/2 CTO	
		28-29		Full CTS	
		30-31		1/2 CTS	
		32-33		1/4 CTS	
		34-35		1/8 CTS	
		36-37		Full CTO + .3 ND	
		38-39		Full CTO + .6 ND	
	40-41		L.C.T. Yellow (Y1)		
	42-43		White Flame Green		
	44-45		LEE Fluorescent Green		
	46-47		Super Correction L.C.T. Yellow		
	48-49		Super Correction W.F. Green		

		50-51		H.M.I. (to Tungsten)	
		52-53		C.I.D. (to Tungsten)	
		54-55		C.S.I. (to Tungsten)	
		56-57		LEE Fluorescent 5700 Kelvin	
		58-59		LEE Fluorescent 4300 Kelvin	
		60-61		LEE Fluorescent 3600 Kelvin	
		62-63		LEE Plus Green	
		64-65		1/2 Plus Green	
		66-67		1/4 Plus Green	
		68-69		1/8 Plus Green	
		70-71		LEE Minus Green	
		72-73		1/2 Minus Green	
		74-75		1/4 Minus Green	
		76-77		1/8 Minus Green	
		78-255		Reserved	
<b>GEL Category 2 : LEE - Color Filters</b>					
<b>6</b>		0-1		Rose Pink	
		2-3		Lavender Tint	
		4-5		Medium Bastard Amber	
		6-7		Pale Yellow	
		8-9		Dark Salmon	
		10-11		Pale Amber Gold	
		12-13		Medium Yellow	
		14-15		Straw Tint	
		16-17		Surprise Peach	
		18-19		Fire	
		20-21		Medium Amber	
		22-23		Gold Amber	
		24-25		Dark Amber	
		26-27		Scarlet	
		28-29		Sunset Red	
		30-31		Bright Red	
	32-33		Light Pink		

	34-35		Medium Pink	
	36-37		Dark Magenta	
	38-39		Rose Purple	
	40-41		Light Lavender	
	42-43		Paler Lavender	
	44-45		Lavender	
	46-47		Mist Blue	
	48-49		Pale Blue	
	50-51		Sky Blue	
	52-53		Evening Blue	
	54-55		Just Blue	
	56-57		Deeper Blue	
	58-59		Lime Green	
	60-61		Moss Green	
	62-63		Dark Yellow Green	
	64-65		Spring Yellow	
	66-67		Yellow	
	68-69		Light Amber	
	70-71		Straw	
	72-73		Deep Amber	
	74-75		Primary Red	
	76-77		Light Rose	
	78-79		English Rose	
	80-81		Light Salmon	
	82-83		Middle Rose	
	84-85		Dark Pink	
	86-87		Magenta	
	88-89		Peacock Blue	
	90-91		Steel Blue	
	92-93		Light Blue	
	94-95		Deep Blue	
	96-97		LEE Green	
	98-99		Fern Green	
	100-101		Dark Green	
	102-103		Smokey Pink	

	104-105		Bright Pink	
	106-107		Marine Blue	
	108-109		Golden Amber	
	110-111		Deep Golden Amber	
	112-113		Pale Lavender	
	114-115		Special Lavender	
	116-117		Pale Green	
	118-119		Summer Blue	
	120-121		Pale Violet	
	122-123		Pale Navy Blue	
	124-125		No Color Blue	
	126-127		Apricot	
	128-129		Bright Rose	
	130-131		Gold Tint	
	132-133		Pale Gold	
	134-135		Pale Salmon	
	136-137		Pale Rose	
	138-139		Chocolate	
	140-141		Pink	
	142-143		No Color Straw	
	144-145		Slate Blue	
	146-147		Bastard Amber	
	148-149		Flame Red	
	150-151		Daylight Blue	
	152-153		Lilac Tint	
	154-155		Deep Lavender	
	156-157		Dark Steel Blue	
	158-159		Loving Amber	
	160-161		Dark Lavender	
	162-163		Light Red	
	164-165		Flesh Pink	
	166-167		Surprise Pink	
	168-169		Zenith Blue	
	170-171		True Blue	
	172-173		Alice Blue	

		174-175		Palace Blue	
		176-177		Regal Blue	
		178-255		Reserved	
<b>GEL Category 3 : LEE - 600 Series</b>					
<b>6</b>		0-1		Arctic White	
		2-3		Silver	
		4-5		Platinum	
		6-7		Moonlight White	
		8-9		Full CT 85	
		10-11		Industry Sodium	
		12-13		HI Sodium	
		14-15		Urban Sodium	
		16-17		LO Sodium	
		18-255		Reserved	
<b>GEL Category 4 : LEE - Cosmetic Filters</b>					
<b>6</b>		0-1		Cosmetic Peach	
		2-3		Cosmetic Silver Rose	
		4-5		Cosmetic Rouge	
		6-7		Cosmetic Highlight	
		8-9		Cosmetic Silver Moss	
		10-11		Cosmetic Aqua Blue	
		12-13		Lily Frost	
		14-15		Shanklin Frost	
		16-17		Half Shanklin Frost	
		18-19		Durham Daylight Frost	
		20-21		Hampshire Rose	
		22-23		Durham Frost	
		24-25		Soft Amber Key 1	
		26-27		Soft Amber Key 2	
		28-29		Moroccan Frost	
		30-31		Blue Diffusion	
		32-33		Blue Frost	
		34-35		Daylight Blue Frost	
	36-255		Reserved		
<b>GEL Category 5 : LEE - 700 Series</b>					



6		0-1		Perfect Lavender	
		2-3		Provence	
		4-5		Special Pale Lavender	
		6-7		Cold Lavender	
		8-9		Lily	
		10-11		King Fals Lavender	
		12-13		Cool Lavender	
		14-15		Electric Lilac	
		16-17		Spir Special Blue	
		18-19		Cold Blue	
		20-21		Bedford Blue	
		22-23		Elysian Blue	
		24-25		Cabana Blue	
		26-27		Mikkel Blue	
		28-29		Colour Wash Blue	
		30-31		Berry Blue	
		32-33		Virgin Blue	
		34-35		Ocean Blue	
		36-37		Old Steel Blue	
		38-39		Steel Green	
		40-41		Liberty Green	
		42-43		Dirty Ice	
		44-45		Damp Squib	
		46-47		JAS Green	
		48-49		Bram Brown	
		50-51		Dirty White	
		52-53		Brown	
		54-55		Easy White	
		56-57		Seedy Pink	
		58-59		Wheat	
	60-61		Sun Colour Straw		
	62-63		LEE Yellow		
	64-65		Cardbox Amber		
	66-67		Nectarine		
	68-69		Millenium Gold		

		70-71		Bastard Pink	
		72-73		Terry Red	
		74-75		Blood Red	
		76-77		Moroccan Pink	
		78-79		Pretty n'Pink	
		80-81		Magical Magenta	
		82-255		Reserved	
<b>Control Channels</b>					
<b>7</b>	<b>Strobe</b>	0 - 13	0 - 5	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
<b>8</b>	<b>Control Channel</b>	0 - 255	0-100	<b>SEE CONTROL CHANNEL CHART</b>	
<b>9</b>	<b>Fan Mode</b>	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

# FX Profile Charts - 8 Bit

## FX Parameter: Club Lights

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	No. of Colors	0 - 9	0 - 4	3
			10 - 19	5 - 8	6
			20 - 29	9 - 12	9
			30 - 39	13 - 16	12
			40 - 49	17 - 20	15
			50 - 59	21 - 24	18
			60 - 69	25 - 28	24
			70 - 79	29 - 32	36
			80 - 255	33 - 100	Reserved
Parameter 2	+2	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
100 - 255	41 - 100	Reserved			
Parameter 3	+3	n/a			
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			

### FX Parameter: Paparazzi

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	CCT	0 - 255	0 - 100	1800K - 10000K
Parameter 2	+2	Green / Magenta	0 - 4 5 - 8 9 - 47 48 - 57 58 - 96 97 - 100	0 - 4 5 - 8 9 - 47 48 - 57 58 - 96 97 - 100	Neutral / No Effect Full Minus Green -99% - -1% Neutral / No Effect 1% - 99% Full Plus Green
Parameter 3	+2	Frequency	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 99 100 - 255	0 - 4 5 - 8 9 - 12 13 - 16 17 - 20 21 - 24 25 - 28 29 - 32 33 - 36 37 - 40 41 - 100	1 2 3 4 5 6 7 8 9 10 Reserved
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			

## FX Parameter: Lightning

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	CCT	0 - 255	0 - 100	1800K - 10000K
Parameter 2	+2	±Green	0 - 10 11 - 20 21 - 119 120 - 145 146 - 244 245 - 255	0 - 4 5 - 8 9 - 47 48 - 57 58 - 96 97 - 100	Neutral / No Effect Full Minus Green -99% - -1% Neutral / No Effect 1% - 99% Full Plus Green
Parameter 3	+3	Frequency	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 99 100 - 109 110 - 255	0 - 4 5 - 8 9 - 12 13 - 16 17 - 20 21 - 24 25 - 28 29 - 32 33 - 36 37 - 40 41 - 44 45 - 100	1 2 3 4 5 6 7 8 9 10 Random Reserved
Parameter 4	+4	Speed	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 99 100 - 109 110 - 255	0 - 4 5 - 8 9 - 12 13 - 16 17 - 20 21 - 24 25 - 28 29 - 32 33 - 36 37 - 40 41 - 44 45 - 100	1 2 3 4 5 6 7 8 9 10 Random Reserved
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			

## FX Parameter: TV

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	CCT Range	0 - 9	0 - 4	Warmer
			10 - 19	5 - 8	Natural
			20 - 29	9 - 12	Cooler
			30 - 255	13 - 100	Reserved
Parameter 2	+2	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 109	41 - 44	Random
110 - 255	45 - 100	Reserved			
Parameter 3	+3	n/a			
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			

## FX Parameter: Candle

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	CCT Range	0 - 9	0 - 4	Warmer
			10 - 19	5 - 8	Natural
			20 - 29	9 - 12	Cooler
			30 - 255	12 - 100	Reserved
Parameter 2	+2	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 255	41 - 100	Reserved
Parameter 3	+3	n/a			
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			

## FX Parameter: Fire

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	CCT Range	0 - 9	0 - 4	Warmer
			10 - 19	5 - 8	Natural
			20 - 29	9 - 12	Cooler
			30 - 255	12 - 100	Reserved
Parameter 2	+2	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 255	41 - 100	Reserved
Parameter 3	+3	n/a			
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			



## FX Parameter: Strobe

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	Mode Select	0 - 9	0 - 4	CCT
			10 - 19	5 - 8	HSI
			20 - 29	9 - 12	Gel
			30 - 39	13 - 16	X.Y
			40 - 49	17 - 20	Source
			50 - 59	21 - 24	RGB
			60 - 255	25 - 100	Reserved
CCT					
Parameter 2	+2	CCT	0 - 255	0 - 100	1800K - 10000K
Parameter 3	+3	±Green	0 - 10	0 - 4	Neutral / No Effect
			11 - 20	5 - 8	Full Minus Green
			21 - 119	9 - 47	-99% - -1%
			120 - 145	48 - 57	Neutral / No Effect
			146 - 244	58 - 96	1% - 99%
245 - 255	97 - 100	Full Plus Green			
Parameter 4	+4	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 109	41 - 44	Random
110 - 255	45 - 100	Reserved			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			
HSI					
Parameter 2	+2	HUE	0 - 255	0 - 100	1° - 360°
Parameter 3	+3	Saturation	0 - 255	0 - 100	0 - 100%
Parameter 4	+4	Speed	0 - 255	0 - 100	1 - 10 - Random
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			
GEL					
Parameter 2	+2	CCT	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 3	+3	Rosco / LEE	0 - 255	0 - 100	Refer to Mode: GEL

<b>Parameter 4</b>	<b>+4</b>	<b>Series</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 5</b>	<b>+5</b>	<b>Category</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 6</b>	<b>+6</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 7</b>	<b>+7</b>	n/a			
<b>xy</b>					
<b>Parameter 2</b>	<b>+2</b>	<b>X coordinate</b>	0 - 255	0 - 100	0 - 0.8
<b>Parameter 3</b>	<b>+3</b>	<b>Y coordinate</b>	0 - 255	0 - 100	0 - 0.8
<b>Parameter 4</b>	<b>+4</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 5</b>	<b>+5</b>	n/a			
<b>Parameter 6</b>	<b>+6</b>	n/a			
<b>Parameter 7</b>	<b>+7</b>	n/a			
<b>Source</b>					
<b>Parameter 2</b>	<b>+2</b>	<b>Source</b>	0 - 255	0 - 100	Refer to Mode: Source
<b>Parameter 3</b>	<b>+3</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 4</b>	<b>+4</b>	n/a			
<b>Parameter 5</b>	<b>+5</b>	n/a			
<b>Parameter 6</b>	<b>+6</b>	n/a			
<b>Parameter 7</b>	<b>+7</b>	n/a			
<b>RGB</b>					
<b>Parameter 2</b>	<b>+2</b>	<b>Red</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 3</b>	<b>+3</b>	<b>Green</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 4</b>	<b>+4</b>	<b>Blue</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 5</b>	<b>+5</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 6</b>	<b>+6</b>	n/a			
<b>Parameter 7</b>	<b>+7</b>	n/a			

## FX Parameter: Explosion

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	Mode Select	0 - 9	0 - 4	CCT
			10 - 19	5 - 8	HSI
			20 - 29	9 - 12	Gel
			30 - 39	13 - 16	X.Y
			40 - 49	17 - 20	Source
			50 - 59	21 - 24	RGB
			60 - 255	25 - 100	Reserved
CCT					
Parameter 2	+2	CCT	0 - 255	0 - 100	1800K - 10000K
Parameter 3	+3	Green / Magenta	0 - 10	0 - 4	Neutral / No Effect
			11 - 20	5 - 8	Full Minus Green
			21 - 119	9 - 47	-99% - -1%
			120 - 145	48 - 57	Neutral / No Effect
			146 - 244	58 - 96	1% - 99%
245 - 255	97 - 100	Full Plus Green			
Parameter 4	+4	Decay	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
100 - 255	41 - 100	Reserved			
HSI					
Parameter 2	+2	HUE	0 - 255	0 - 100	1° - 360°
Parameter 3	+3	Saturation	0 - 255	0 - 100	0 - 100%
Parameter 4	+4	Decay	0 - 255	0 - 100	1 - 10
GEL					
Parameter 2	+2	CCT	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 3	+3	Rosco / LEE	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 4	+4	Series	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 5	+5	Category	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 6	+6	Decay	0 - 255	0 - 100	1 - 10
xy					
Parameter 2	+2	X coordinate	0 - 255	0 - 100	0 - 0.8
Parameter 3	+3	Y	0 - 255	0 - 100	0 - 0.8

		<b>coordinate</b>			
<b>Parameter 4</b>	<b>+4</b>	<b>Decay</b>	0 - 255	0 - 100	1 - 10
Source					
<b>Parameter 2</b>	<b>+2</b>	<b>Source</b>	0 - 255	0 - 100	Refer to Mode: Source
<b>Parameter 3</b>	<b>+3</b>	<b>Decay</b>	0 - 255	0 - 100	1 - 10
RGB					
<b>Parameter 2</b>	<b>+2</b>	<b>Red</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 3</b>	<b>+3</b>	<b>Green</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 4</b>	<b>+4</b>	<b>Blue</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 5</b>	<b>+5</b>	<b>Decay</b>	0 - 255	0 - 100	1 - 10

## FX Parameter: Faulty Bulb

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	Mode Select	0 - 9	0 - 4	CCT
			10 - 19	5 - 8	HSI
			20 - 29	9 - 12	Gel
			30 - 39	13 - 16	X.Y
			40 - 49	17 - 20	Source
			50 - 59	21 - 24	RGB
			60 - 255	25 - 100	Reserved
CCT					
Parameter 2	+2	CCT	0 - 255	0 - 100	1800K - 10000K
Parameter 3	+3	Frequency	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
100 - 109	41 - 44	Random			
110 - 255	45 - 100	Reserved			
Parameter 4	+4	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
100 - 255	41 - 100	Reserved			
HSI					
Parameter 2	+2	HUE	0 - 255	0 - 100	0° - 359°
Parameter 3	+3	Saturation	0 - 255	0 - 100	0 - 100%
Parameter 4	+4	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 5	+5	Speed	0 - 255	0 - 100	1 - 10
GEL					
Parameter 2	+2	CCT	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 3	+3	Rosco / LEE	0 - 255	0 - 100	Refer to Mode: GEL

Parameter 4	+4	Series	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 5	+5	Category	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 6	+6	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 7	+7	Speed	0 - 255	0 - 100	1 - 10
xy					
Parameter 2	+2	X coordinate	0 - 255	0 - 100	0 - 0.8
Parameter 3	+3	Y coordinate	0 - 255	0 - 100	0 - 0.8
Parameter 4	+4	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 5	+5	Speed	0 - 255	0 - 100	1 - 10
Source					
Parameter 2	+2	Source			Refer to Mode: Source
Parameter 3	+3	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 4	+4	Speed	0 - 255	0 - 100	1 - 10
RGB					
Parameter 2	+2	Red	0 - 255	0 - 100	0 - 100%
Parameter 3	+3	Green	0 - 255	0 - 100	0 - 100%
Parameter 4	+4	Blue	0 - 255	0 - 100	0 - 100%
Parameter 5	+5	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 6	+6	Speed	0 - 255	0 - 100	1 - 10
HSI					
Parameter 2	+2	Hue	0 - 255	0 - 100	1° - 360°
Parameter 3	+3	Saturation	0 - 255	0 - 100	0 - 100%
Parameter 4	+4	Frequency	0 - 255	0 - 100	1 - 10 - Random
8		Speed	0 - 255	0 - 100	1 - 10
GEL					
Parameter 2	+2	CCT	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 3	+3	Rosco / LEE	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 4	+4	Series	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 5	+5	Category	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 6	+6	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 7	+7	Speed	0 - 255	0 - 100	1 - 10
xy					
Parameter 2	+2	X coordinate	0 - 255	0 - 100	0 - 0.8
Parameter 3	+3	Y coordinate	0 - 255	0 - 100	0 - 0.8
Parameter 4	+4	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 5	+5	Speed	0 - 255	0 - 100	1 - 10
Source					
Parameter 2	+2	Source			Refer to Mode: Source
Parameter 3	+3	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 4	+4	Speed	0 - 255	0 - 100	1 - 10
RGB					

<b>Parameter 2</b>	<b>+2</b>	<b>Red</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 3</b>	<b>+3</b>	<b>Green</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 4</b>	<b>+4</b>	<b>Blue</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 5</b>	<b>+5</b>	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 6</b>	<b>+6</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10

## FX Parameter: Pulsing

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	Mode Select	0 - 9	0 - 4	CCT
			10 - 19	5 - 8	HSI
			20 - 29	9 - 12	Gel
			30 - 39	13 - 16	X.Y
			40 - 49	17 - 20	Source
			50 - 59	21 - 24	RGB
			60 - 255	25 - 100	Reserved
CCT					
Parameter 2	+2	CCT	0 - 255	0 - 100	1800K - 10000K
Parameter 3	+3	±Green	0 - 10	0 - 4	Neutral / No Effect
			11 - 20	5 - 8	Full Minus Green
			21 - 119	9 - 47	-99% - -1%
			120 - 145	48 - 57	Neutral / No Effect
			146 - 244	58 - 96	1% - 99%
245 - 255	97 - 100	Full Plus Green			
Parameter 4	+4	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 5	+5	Speed	0 - 255	0 - 100	1 - 10
Parameter 6	+6				
Parameter 7	+7				
HSI					
Parameter 2	+2	HUE	0 - 255	0 - 100	1° - 360°
Parameter 3	+3	Saturation	0 - 255	0 - 100	0 - 100%
Parameter 4	+4	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 5	+5	Speed	0 - 255	0 - 100	1 - 10
Parameter 6	+6				
Parameter 7	+7				
GEL					
Parameter 2	+2	CCT	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 3	+3	Rosco / LEE	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 4	+4	Series	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 5	+5	Category	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 6	+6	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 7	+7	Speed	0 - 255	0 - 100	1 - 10
xy					
Parameter 2	+2	x coordinate	0 - 255	0 - 100	0 - 0.8
Parameter 3	+3	y coordinate	0 - 255	0 - 100	0 - 0.8
Parameter 4	+4	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 5	+5	Speed	0 - 255	0 - 100	1 - 10
Parameter 6	+6				



<b>Parameter 7</b>	<b>+7</b>				
<b>Source</b>					
<b>Parameter 2</b>	<b>+2</b>	<b>Source</b>	0 - 255	0 - 100	Refer to Mode: Source
<b>Parameter 3</b>	<b>+3</b>	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 4</b>	<b>+4</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10
<b>Parameter 5</b>	<b>+5</b>				
<b>Parameter 6</b>	<b>+6</b>				
<b>Parameter 7</b>	<b>+7</b>				
<b>RGB</b>					
<b>Parameter 2</b>	<b>+2</b>	<b>Red</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 3</b>	<b>+3</b>	<b>Green</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 4</b>	<b>+4</b>	<b>Blue</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 5</b>	<b>+5</b>	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 6</b>	<b>+6</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10
<b>Parameter 7</b>	<b>+7</b>				

## FX Parameter: Welding

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	Mode Select	0 - 9	0 - 4	CCT
			10 - 19	5 - 8	HSI
			20 - 29	9 - 12	Gel
			30 - 39	13 - 16	X.Y
			40 - 49	17 - 20	Source
			50 - 59	21 - 24	RGB
			60 - 255	25 - 100	Reserved
CCT					
Parameter 2	+2	CCT	0 - 255	0 - 100	1800K - 10000K
Parameter 3	+3	±Green	0 - 10	0 - 4	Neutral / No Effect
			11 - 20	5 - 8	Full Minus Green
			21 - 119	9 - 47	-99% - -1%
			120 - 145	48 - 57	Neutral / No Effect
			146 - 244	58 - 96	1% - 99%
245 - 255	97 - 100	Full Plus Green			
Parameter 4	+4	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 5	+5	Min Brightness	0 - 255	0 - 100	0 - 75%
Parameter 6	+6				
Parameter 7	+7				
HSI					
Parameter 2	+2	HUE	0 - 255	0 - 100	1° - 360°
Parameter 3	+3	Saturation	0 - 255	0 - 100	0 - 100%
Parameter 4	+4	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 5	+5	Min Brightness	0 - 255	0 - 100	0 - 75%
Parameter 6	+6				
Parameter 7	+7				
GEL					
Parameter 2	+2	CCT	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 3	+3	Rosco / LEE	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 4	+4	Series	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 5	+5	Category	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 6	+6	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 7	+7	Min Brightness	0 - 255	0 - 100	0 - 75%
xy					
Parameter 2	+2	X coordinate	0 - 255	0 - 100	0 - 0.8
Parameter 3	+3	Y coordinate	0 - 255	0 - 100	0 - 0.8
Parameter 4	+4	Frequency	0 - 255	0 - 100	1 - 10 - Random

<b>Parameter 5</b>	<b>+5</b>	<b>Min Brightness</b>	0 - 255	0 - 100	0 - 75%
<b>Parameter 6</b>	<b>+6</b>				
<b>Parameter 7</b>	<b>+7</b>				
Source					
<b>Parameter 2</b>	<b>+2</b>	<b>Source</b>	0 - 255	0 - 100	Refer to Mode: Source
<b>Parameter 3</b>	<b>+3</b>	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 4</b>	<b>+4</b>	<b>Min Brightness</b>	0 - 255	0 - 100	0 - 75%
<b>Parameter 5</b>	<b>+5</b>				
<b>Parameter 6</b>	<b>+6</b>				
<b>Parameter 7</b>	<b>+7</b>				
RGB					
<b>Parameter 2</b>	<b>+2</b>	<b>Red</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 3</b>	<b>+3</b>	<b>Green</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 4</b>	<b>+4</b>	<b>Blue</b>	0 - 255	0 - 100	0 - 100%
<b>Parameter 5</b>	<b>+5</b>	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 6</b>	<b>+6</b>	<b>Min Brightness</b>	0 - 255	0 - 100	0 - 75%
<b>Parameter 7</b>	<b>+7</b>				

**FX Parameter: Cop Car**

<b>Effect Parameter</b>	<b>Channel</b>	<b>Function</b>	<b>Value</b>	<b>Percent</b>	<b>Description</b>
<b>Parameter 1</b>	<b>+1</b>	<b>Color Combinations</b>	0 - 9	0 - 4	Red
			10 - 19	5 - 8	Blue
			20 - 29	9 - 12	Red+Blue
			30 - 39	13 - 16	Blue+White
			40 - 49	17 - 20	Red+Blue+White
			50 - 255	21 - 100	Reserved
<b>Parameter 2</b>	<b>+2</b>	<b>Frequency</b>	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 255	41 - 100	Reserved
<b>Parameter 3</b>	<b>+3</b>	n/a			
<b>Parameter 4</b>	<b>+4</b>	n/a			
<b>Parameter 5</b>	<b>+5</b>	n/a			
<b>Parameter 6</b>	<b>+6</b>	n/a			
<b>Parameter 7</b>	<b>+7</b>	n/a			

### FX Parameter: Color Chase

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	Saturation	0 - 255	0 - 100	0 - 100%
Parameter 2	+2	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
		100 - 255	41 - 100	Reserved	
Parameter 3	+3	n/a			
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			

### FX Parameter: Party Lights

Channel		Function	Value	Percent	
Parameter 1	+1	Saturation	0 - 255	0 - 100	0 - 100%
Parameter 2	+2	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
		100 - 255	41 - 100	Reserved	
Parameter 3	+3	n/a			
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			

## FX Parameter: Fireworks

Channel		Function	Value	Percent	
Parameter 1	+1	Color Combinations	0 - 9	0 - 4	CCT
			10 - 19	5 - 8	HUE
			20 - 29	9 - 12	CCT+HUE
			30 - 255	13 - 100	Reserved
Parameter 2	+2	Frequency	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 109	41 - 44	Random
110 - 255	45 - 100	Reserved			
Parameter 3	+3	n/a			
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			

# FX Profile Charts - 16 Bit

## FX Parameter: Club Lights

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	No. of Colors	0 - 9	0 - 4	3
			10 - 19	5 - 8	6
			20 - 29	9 - 12	9
			30 - 39	13 - 16	12
			40 - 49	17 - 20	15
			50 - 59	21 - 24	18
			60 - 69	25 - 28	24
			70 - 79	29 - 32	36
			80 - 255	33 - 100	Reserved
Parameter 2	+2	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 255	41 - 100	Reserved
Parameter 3	+3	n/a			
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			

## FX Parameter: Paparazzi

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1/2	+1+2	CCT	0 - 65535	0 - 100	1800K - 10000K
Parameter 3/4	+3 +4	±Green	0 - 2621 2622 - 5243 5244 - 30146 30147 - 37355 37356 - 62914 62915 - 65535	0 - 4 5 - 8 9 - 47 48 - 57 58 - 96 97 - 100	No Effect* -100 / Full Minus Green -99% - -1% 0 % / Neutral 1% - 99% 100% / Full Plus Green
Parameter 5	+5	Frequency	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 99 100 - 255	0 - 4 5 - 8 9 - 12 13 - 16 17 - 20 21 - 24 25 - 28 29 - 32 33 - 36 37 - 40 41 - 100	1 2 3 4 5 6 7 8 9 10 Reserved
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			



## FX Parameter: Lightning

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1/2	+1+2	CCT	0 - 65535	0 - 100	1800K - 10000K
Parameter 3/4	+3 +4	±Green	0 - 2621 2622 - 5243 5244 - 30146 30147 - 37355 37356 - 62914 62915 - 65535	0 - 4 5 - 8 9 - 47 48 - 57 58 - 96 97 - 100	No Effect* -100 / Full Minus Green -99% - -1% 0 % / Neutral 1% - 99% 100% / Full Plus Green
Parameter 5	+5	Frequency	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 99 100 - 109 110 - 255	0 - 4 5 - 8 9 - 12 13 - 16 17 - 20 21 - 24 25 - 28 29 - 32 33 - 36 37 - 40 41 - 44 45 - 100	1 2 3 4 5 6 7 8 9 10 Random Reserved
Parameter 6	+6	Speed	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 99 100 - 109 110 - 255	0 - 4 5 - 8 9 - 12 13 - 16 17 - 20 21 - 24 25 - 28 29 - 32 33 - 36 37 - 40 41 - 44 45 - 100	1 2 3 4 5 6 7 8 9 10 Random Reserved
Parameter 7	+7	n/a			
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			

## FX Parameter: TV

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	CCT Range	0 - 9	0 - 4	Warmer
			10 - 19	5 - 8	Natural
			20 - 29	9 - 12	Cooler
			30 - 255	13 - 100	Reserved
Parameter 2	+2	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 109	41 - 44	Random
110 - 255	45 - 100	Reserved			
Parameter 3	+3	n/a			
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			

## FX Parameter: Candle

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	CCT Range	0 - 9	0 - 4	Warmer
			10 - 19	5 - 8	Natural
			20 - 29	9 - 12	Cooler
			30 - 255	12 - 100	Reserved
Parameter 2	+2	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
100 - 255	41 - 100	Reserved			
Parameter 3	+3	n/a			
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			

## FX Parameter: Fire

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	CCT Range	0 - 9	0 - 4	Warmer
			10 - 19	5 - 8	Natural
			20 - 29	9 - 12	Cooler
			30 - 255	12 - 100	Reserved
Parameter 2	+2	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
100 - 255	41 - 100	Reserved			
Parameter 3	+3	n/a			
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			

## FX Parameter: Strobe

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	Mode Select	0 - 9	0 - 4	CCT
			10 - 19	5 - 8	HSI
			20 - 29	9 - 12	Gel
			30 - 39	13 - 16	xy
			40 - 49	17 - 20	Source
			50 - 59	21 - 24	RGB
			60 - 255	25 - 100	Reserved
CCT					
Parameter 2/3	+2+3	CCT	0 - 65535	0 - 100	1800K - 10000K
Parameter 4/5	+4+5	±Green	0 - 2621	0 - 4	No Effect*
			2622 - 5243	5 - 8	-100 / Full Minus Green
			5244 - 30146	9 - 47	-99% - -1%
			30147 - 37355	48 - 57	0 % / Neutral
			37356 - 62914	58 - 96	1% - 99%
62915 - 65535	97 - 100	100% / Full Plus Green			
Parameter 6	+6	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 109	41 - 44	Random
110 - 255	45 - 100	Reserved			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			
HSI					
Parameter 2/3	+2+3	Hue	0 - 65535	0 - 100	0° - 359°
Parameter 4/5	+4+5	Saturation	0 - 65535	0 - 100	0 - 100%
Parameter 6	+6	Speed	0 - 255	0 - 100	1 - 10 - Random
Parameter 7	+7	n/a			
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			
GEL					

<b>Parameter 2</b>	<b>+2</b>	<b>CCT</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 3</b>	<b>+3</b>	<b>Rosco / LEE</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 4</b>	<b>+4</b>	<b>Series</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 5</b>	<b>+5</b>	<b>Category</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 6</b>	<b>+6</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 7</b>	<b>+7</b>	n/a			
<b>Parameter 8</b>	<b>+8</b>	n/a			
<b>Parameter 9</b>	<b>+9</b>	n/a			
<b>xy</b>					
<b>Parameter 2/3</b>	<b>+2+3</b>	<b>x coordinate</b>	0 - 255	0 - 100	0 - 0.8
<b>Parameter 4/5</b>	<b>+4+5</b>	<b>y coordinate</b>	0 - 255	0 - 100	0 - 0.8
<b>Parameter 6</b>	<b>+6</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 7</b>	<b>+7</b>	n/a			
<b>Parameter 8</b>	<b>+8</b>	n/a			
<b>Parameter 9</b>	<b>+9</b>	n/a			
<b>Source</b>					
<b>Parameter 2</b>	<b>+2</b>	<b>Source</b>	0 - 255	0 - 100	Refer to Mode: Source
<b>Parameter 3</b>	<b>+3</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 4</b>	<b>+4</b>	n/a			
<b>Parameter 5</b>	<b>+5</b>	n/a			
<b>Parameter 6</b>	<b>+6</b>	n/a			
<b>Parameter 7</b>	<b>+7</b>	n/a			
<b>Parameter 8</b>	<b>+8</b>	n/a			
<b>Parameter 9</b>	<b>+9</b>	n/a			
<b>RGB</b>					
<b>Parameter 2/3</b>	<b>+2+3</b>	<b>Red</b>	0 - 65535	0 - 100	0 - 100%
<b>Parameter 4/5</b>	<b>+4+5</b>	<b>Green</b>	0 - 65535	0 - 100	0 - 100%
<b>Parameter 6/7</b>	<b>+6+7</b>	<b>Blue</b>	0 - 65535	0 - 100	0 - 100%
<b>Parameter 8</b>	<b>+8</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 9</b>	<b>+9</b>	n/a			

## FX Parameter: Explosion

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	Mode Select	0 - 9	0 - 4	CCT
			10 - 19	5 - 8	HSI
			20 - 29	9 - 12	Gel
			30 - 39	13 - 16	xy
			40 - 49	17 - 20	Source
			50 - 59	21 - 24	RGB
			60 - 255	25 - 100	Reserved
CCT					
Parameter 2/3	+2+3	CCT	0 - 65535	0 - 100	1800K - 10000K
Parameter 4/5	+4+5	±Green	0 - 2621	0 - 4	No Effect*
			2622 - 5243	5 - 8	-100 / Full Minus Green
			5244 - 30146	9 - 47	-99% - -1%
			30147 - 37355	48 - 57	0 % / Neutral
			37356 - 62914	58 - 96	1% - 99%
			62915 - 65535	97 - 100	100% / Full Plus Green
			65535		
Parameter 6	+6	Decay	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
100 - 255	41 - 100	Reserved			
Parameter 7	+7	n/a			
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			
HSI					
Parameter 2/3	+2+3	Hue	0 - 65535	0 - 100	0° - 359°
Parameter 4/5	+4+5	Saturation	0 - 65535	0 - 100	0 - 100%
Parameter 6	+6	Decay	0 - 255	0 - 100	1 - 10
Parameter 7	+7	n/a			
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			
GEL					

<b>Parameter 2</b>	<b>+2</b>	<b>CCT</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 3</b>	<b>+3</b>	<b>Rosco / LEE</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 4</b>	<b>+4</b>	<b>Series</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 5</b>	<b>+5</b>	<b>Category</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 6</b>	<b>+6</b>	<b>Decay</b>	0 - 255	0 - 100	1 - 10
<b>Parameter 7</b>	<b>+7</b>	n/a			
<b>Parameter 8</b>	<b>+8</b>	n/a			
<b>Parameter 9</b>	<b>+9</b>	n/a			
<b>xy</b>					
<b>Parameter 2/3</b>	<b>+2+3</b>	<b>x coordinate</b>	0 - 65535	0 - 100	0 - 0.8
<b>Parameter 4/5</b>	<b>+4+5</b>	<b>y coordinate</b>	0 - 65535	0 - 100	0 - 0.8
<b>Parameter 6</b>	<b>+6</b>	<b>Decay</b>	0 - 255	0 - 100	1 - 10
<b>Parameter 7</b>	<b>+7</b>	n/a			
<b>Parameter 8</b>	<b>+8</b>	n/a			
<b>Parameter 9</b>	<b>+9</b>	n/a			
<b>Source</b>					
<b>Parameter 2</b>	<b>+2</b>	<b>Source</b>	0 - 255	0 - 100	Refer to Mode: Source
<b>Parameter 3</b>	<b>+3</b>	<b>Decay</b>	0 - 255	0 - 100	1 - 10
<b>Parameter 4</b>	<b>+4</b>	n/a			
<b>Parameter 5</b>	<b>+5</b>	n/a			
<b>Parameter 6</b>	<b>+6</b>	n/a			
<b>Parameter 7</b>	<b>+7</b>	n/a			
<b>Parameter 8</b>	<b>+8</b>	n/a			
<b>Parameter 9</b>	<b>+9</b>	n/a			
<b>RGB</b>					
<b>Parameter 2/3</b>	<b>+2+3</b>	<b>Red</b>	0 - 65535	0 - 100	0 - 100%
<b>Parameter 4/5</b>	<b>+4+5</b>	<b>Green</b>	0 - 65535	0 - 100	0 - 100%
<b>Parameter 6/7</b>	<b>+6+7</b>	<b>Blue</b>	0 - 65535	0 - 100	0 - 100%
<b>Parameter 8</b>	<b>+5</b>	<b>Decay</b>	0 - 255	0 - 100	1 - 10
<b>Parameter 9</b>	<b>+9</b>	n/a			



## FX Parameter: Faulty Bulb

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	Mode Select	0 - 9	0 - 4	CCT
			10 - 19	5 - 8	HSI
			20 - 29	9 - 12	Gel
			30 - 39	13 - 16	xy
			40 - 49	17 - 20	Source
			50 - 59	21 - 24	RGB
			60 - 255	25 - 100	Reserved
CCT					
Parameter 2/3	+2+3	CCT	0 - 65535	0 - 100	1800K - 10000K
Parameter 4/5	+4+5	±Green	0 - 2621	0 - 4	No Effect*
			2622 - 5243	5 - 8	-100 / Full Minus Green
			5244 - 30146	9 - 47	-99% - -1%
			30147 - 37355	48 - 57	0 % / Neutral
			37356 - 62914	58 - 96	1% - 99%
			62915 - 65535	97 - 100	100% / Full Plus Green
			65535		
Parameter 6	+6	Frequency	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 109	41 - 44	Random
110 - 255	45 - 100	Reserved			
Parameter 7	+7	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 255	41 - 100	Reserved

Parameter 8	+8	n/a			
Parameter 9	+9	n/a			
<b>HSI</b>					
Parameter 2/3	+2+3	<b>Hue</b>	0 - 65535	0 - 100	0° - 359°
Parameter 4/5	+4+5	<b>Saturation</b>	0 - 65535	0 - 100	0 - 100%
Parameter 6	+6	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
Parameter 7	+7	<b>Speed</b>	0 - 255	0 - 100	1 - 10
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			
<b>GEL</b>					
Parameter 2	+2	<b>CCT</b>	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 3	+3	<b>Rosco / LEE</b>	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 4	+4	<b>Series</b>	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 5	+5	<b>Category</b>	0 - 255	0 - 100	Refer to Mode: GEL
Parameter 6	+6	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
Parameter 7	+7	<b>Speed</b>	0 - 255	0 - 100	1 - 10
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			
<b>xy</b>					
Parameter 2/3	+2+3	<b>x coordinate</b>	0 - 65535	0 - 100	0 - 0.8
Parameter 4/5	+4+5	<b>y coordinate</b>	0 - 65535	0 - 100	0 - 0.8
Parameter 6	+6	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
Parameter 7	+7	<b>Speed</b>	0 - 255	0 - 100	1 - 10
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			
<b>Source</b>					
Parameter 2	+2	<b>Source</b>	0 - 255	0 - 100	Refer to Mode: Source
Parameter 3	+3	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
Parameter 4	+4	<b>Speed</b>	0 - 255	0 - 100	1 - 10
Parameter 5	+5	n/a			
Parameter 7	+6	n/a			
Parameter 7	+7	n/a			
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			
<b>RGB</b>					
Parameter 2/3	+2+3	<b>Red</b>	0 - 65535	0 - 100	0 - 100%
Parameter 4/5	+4+5	<b>Green</b>	0 - 65535	0 - 100	0 - 100%
Parameter 6/7	+6+7	<b>Blue</b>	0 - 65535	0 - 100	0 - 100%
Parameter 8	+8	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
Parameter 9	+9	<b>Speed</b>	0 - 255	0 - 100	1 - 10

## FX Parameter: Pulsing

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	Mode Select	0 - 9	0 - 4	CCT
			10 - 19	5 - 8	HSI
			20 - 29	9 - 12	Gel
			30 - 39	13 - 16	xy
			40 - 49	17 - 20	Source
			50 - 59	21 - 24	RGB
			60 - 255	25 - 100	Reserved
CCT					
Parameter 2/3	+2+3	CCT	0 - 65535	0 - 100	1800K - 10000K
Parameter 4/5	+4+5	±Green	0 - 2621	0 - 4	No Effect*
			2622 - 5243	5 - 8	-100 / Full Minus Green
			5244 - 30146	9 - 47	-99% - -1%
			30147 - 37355	48 - 57	0 % / Neutral
			37356 - 62914	58 - 96	1% - 99%
62915 - 65535	97 - 100	100% / Full Plus Green			
Parameter 6	+6	Frequency	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 109	41 - 44	Random
110 - 255	45 - 100	Reserved			
Parameter 7	+7	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 255	41 - 100	Reserved
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			
HSI					

<b>Parameter 2/3</b>	<b>+2+3</b>	<b>Hue</b>	0 - 65535	0 - 100	0° - 359°
<b>Parameter 4/5</b>	<b>+4+5</b>	<b>Saturation</b>	0 - 65535	0 - 100	0 - 100%
<b>Parameter 6</b>	<b>+6</b>	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 7</b>	<b>+7</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10
<b>Parameter 8</b>	<b>+8</b>	n/a			
<b>Parameter 9</b>	<b>+9</b>	n/a			
<b>GEL</b>					
<b>Parameter 2</b>	<b>+2</b>	<b>CCT</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 3</b>	<b>+3</b>	<b>Rosco / LEE</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 4</b>	<b>+4</b>	<b>Series</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 5</b>	<b>+5</b>	<b>Category</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 6</b>	<b>+6</b>	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 7</b>	<b>+7</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10
<b>Parameter 8</b>	<b>+8</b>	n/a			
<b>Parameter 9</b>	<b>+9</b>	n/a			
<b>xy</b>					
<b>Parameter 2/3</b>	<b>+2+3</b>	<b>x coordinate</b>	0 - 65535	0 - 100	0 - 0.8
<b>Parameter 4/5</b>	<b>+4+5</b>	<b>y coordinate</b>	0 - 65535	0 - 100	0 - 0.8
<b>Parameter 6</b>	<b>+6</b>	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 7</b>	<b>+7</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10
<b>Parameter 8</b>	<b>+8</b>	n/a			
<b>Parameter 9</b>	<b>+9</b>	n/a			
<b>Source</b>					
<b>Parameter 2</b>	<b>+2</b>	<b>Source</b>	0 - 255	0 - 100	Refer to Mode: Source
<b>Parameter 3</b>	<b>+3</b>	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 4</b>	<b>+4</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10
<b>Parameter 5</b>	<b>+5</b>	n/a			
<b>Parameter 6</b>	<b>+6</b>	n/a			
<b>Parameter 7</b>	<b>+7</b>	n/a			
<b>Parameter 8</b>	<b>+8</b>	n/a			
<b>Parameter 9</b>	<b>+9</b>	n/a			
<b>RGB</b>					
<b>Parameter 2/3</b>	<b>+2+3</b>	<b>Red</b>	0 - 65535	0 - 100	0 - 100%
<b>Parameter 4/5</b>	<b>+4+5</b>	<b>Green</b>	0 - 65535	0 - 100	0 - 100%
<b>Parameter 6/7</b>	<b>+6+7</b>	<b>Blue</b>	0 - 65535	0 - 100	0 - 100%
<b>Parameter 8</b>	<b>+8</b>	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 9</b>	<b>+9</b>	<b>Speed</b>	0 - 255	0 - 100	1 - 10

## FX Parameter: Welding

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	Mode Select	0 - 9	0 - 4	CCT
			10 - 19	5 - 8	HSI
			20 - 29	9 - 12	Gel
			30 - 39	13 - 16	xy
			40 - 49	17 - 20	Source
			50 - 59	21 - 24	RGB
			60 - 255	25 - 100	Reserved
			CCT		
Parameter 2/3	+2+3	CCT	0 - 65535	0 - 100	1800K - 10000K
Parameter 4/5	+4+5	±Green	0 - 2621	0 - 4	No Effect*
			2622 - 5243	5 - 8	-100 / Full Minus
			5244 - 30146	9 - 47	Green
			30147 -	48 - 57	-99% - -1%
			37355	58 - 96	0 % / Neutral
			37356 -	97 - 100	1% - 99%
			62914		100% / Full Plus
			62915 - 65535		Green
Parameter 6	+6	Frequency	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 109	41 - 44	Random
			110 - 255	45 - 100	Reserved
Parameter 7	+7	Min Brightness	0 - 255	0 - 100	0 - 75%
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			
HSI					
Parameter 2	+2	Hue	0 - 255	0 - 100	0° - 359°
Parameter 3	+3	Saturation	0 - 255	0 - 100	0 - 100%
Parameter 4	+4	Frequency	0 - 255	0 - 100	1 - 10 - Random
Parameter 5	+5	Min Brightness	0 - 255	0 - 100	0 - 75%
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			

<b>Parameter 8</b>	<b>+8</b>	n/a			
<b>Parameter 9</b>	<b>+9</b>	n/a			
<b>GEL</b>					
<b>Parameter 2</b>	<b>+2</b>	<b>CCT</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 3</b>	<b>+3</b>	<b>Rosco / LEE</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 4</b>	<b>+4</b>	<b>Series</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 5</b>	<b>+5</b>	<b>Category</b>	0 - 255	0 - 100	Refer to Mode: GEL
<b>Parameter 6</b>	<b>+6</b>	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 7</b>	<b>+7</b>	<b>Min Brightness</b>	0 - 255	0 - 100	0 - 75%
<b>Parameter 8</b>	<b>+8</b>	n/a			
<b>Parameter 9</b>	<b>+9</b>	n/a			
<b>xy</b>					
<b>Parameter 2/3</b>	<b>+2+3</b>	<b>x coordinate</b>	0 - 65535	0 - 100	0 - 0.8
<b>Parameter 4/5</b>	<b>+4+5</b>	<b>y coordinate</b>	0 - 65535	0 - 100	0 - 0.8
<b>Parameter 6</b>	<b>+6</b>	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 7</b>	<b>+7</b>	<b>Min Brightness</b>	0 - 255	0 - 100	1 - 10
<b>Parameter 8</b>	<b>+8</b>	n/a			
<b>Parameter 9</b>	<b>+9</b>	n/a			
<b>Source</b>					
<b>Parameter 2</b>	<b>+2</b>	<b>Source</b>	0 - 255	0 - 100	Refer to Mode: Source
<b>Parameter 3</b>	<b>+3</b>	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 4</b>	<b>+4</b>	<b>Min Brightness</b>	0 - 255	0 - 100	0 - 75%
<b>Parameter 5</b>	<b>+5</b>				
<b>Parameter 6</b>	<b>+6</b>				
<b>Parameter 7</b>	<b>+7</b>				
<b>RGB</b>					
<b>Parameter 2/3</b>	<b>+2+3</b>	<b>Red</b>	0 - 65535	0 - 100	0 - 100%
<b>Parameter 4/5</b>	<b>+4+5</b>	<b>Green</b>	0 - 65535	0 - 100	0 - 100%
<b>Parameter 6/7</b>	<b>+6+7</b>	<b>Blue</b>	0 - 65535	0 - 100	0 - 100%
<b>Parameter 8</b>	<b>+8</b>	<b>Frequency</b>	0 - 255	0 - 100	1 - 10 - Random
<b>Parameter 9</b>	<b>+9</b>	<b>Min Brightness</b>	0 - 255	0 - 100	0 - 75%

## **FX Parameter: Cop Car**

<b>Effect Parameter</b>	<b>Channel</b>	<b>Function</b>	<b>Value</b>	<b>Percent</b>	<b>Description</b>
<b>Parameter 1</b>	<b>+1</b>	<b>Color Combinations</b>	0 - 9	0 - 4	Red
			10 - 19	5 - 8	Blue
			20 - 29	9 - 12	Red+Blue
			30 - 39	13 - 16	Blue+White
			40 - 49	17 - 20	Red+Blue+White
			50 - 255	21 - 100	Reserved
<b>Parameter 2</b>	<b>+2</b>	<b>Frequency</b>	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 255	41 - 100	Reserved
<b>Parameter 3</b>	<b>+3</b>	n/a			
<b>Parameter 4</b>	<b>+4</b>	n/a			
<b>Parameter 5</b>	<b>+5</b>	n/a			
<b>Parameter 6</b>	<b>+6</b>	n/a			
<b>Parameter 7</b>	<b>+7</b>	n/a			
<b>Parameter 8</b>	<b>+8</b>	n/a			
<b>Parameter 9</b>	<b>+9</b>	n/a			

## FX Parameter: Color Chase

Effect Parameter	Channel	Function	Value	Percent	Description
Parameter 1	+1	Saturation	0 - 255	0 - 100	0 - 100%
Parameter 2	+2	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
		100 - 255	41 - 100	Reserved	
Parameter 3	+3	n/a			
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			



## FX Parameter: Party Lights

Channel		Function	Value	Percent	
Parameter 1	+1	Saturation	0 - 255	0 - 100	0 - 100%
Parameter 2	+2	Speed	0 - 9	0 - 4	1
			10 - 19	5 - 8	2
			20 - 29	9 - 12	3
			30 - 39	13 - 16	4
			40 - 49	17 - 20	5
			50 - 59	21 - 24	6
			60 - 69	25 - 28	7
			70 - 79	29 - 32	8
			80 - 89	33 - 36	9
			90 - 99	37 - 40	10
			100 - 255	41 - 100	Reserved
Parameter 3	+3	n/a			
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			

## FX Parameter: Fireworks

Channel		Function	Value	Percent	
Parameter 1	+1	Color Combinations	0 - 9 10 - 19 20 - 29 30 - 255	0 - 4 5 - 8 9 - 12 13 - 100	CCT Hue CCT+Hue Reserved
Parameter 2	+2	Frequency	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 99 100 - 109 110 - 255	0 - 4 5 - 8 9 - 12 13 - 16 17 - 20 21 - 24 25 - 28 29 - 32 33 - 36 37 - 40 41 - 44 45 - 100	1 2 3 4 5 6 7 8 9 10 Random Reserved
Parameter 3	+3	n/a			
Parameter 4	+4	n/a			
Parameter 5	+5	n/a			
Parameter 6	+6	n/a			
Parameter 7	+7	n/a			
Parameter 8	+8	n/a			
Parameter 9	+9	n/a			

# DMX Control Channel Chart

The DMX Control Channel of the Profile should be a 0 value and then moved to the specific DMX Value to execute the command. Once executed, the DMX value should be returned to zero.

DMX			FUNCTION	DESCRIPTION	Time to Save
0	-	10	No function	Nothing	2.5 seconds
11	-	13	Signal Flash Enabled	When sending a Control Channel Command, the Light Flashes to confirm received	2.5 seconds
14	-	16	Signal Flash Disabled	When sending a Control Channel Command, the Light will not flash when a command is received.	2.5 seconds
17	-	19	Sidus BT On		2.5 seconds
20	-	22	Sidus BT Off		2.5 seconds
23	-	25	Sidus BT Reset		2.5 seconds
26	-	28	DMX Smoothing: Off	Snap to Intensities	2.5 seconds / Instant On
29	-	31	DMX Smoothing: Smooth	Smooth to Intensities	2.5 seconds / Instant On
32	-	34	DMX Smoothing: Super Smooth	Super Smooth to Intensities	2.5 seconds / Instant On
35	-	37	DMX Smoothing: Feather	Super Smooth from 0-4%, Snaps from 5 to 100%	2.5 seconds / Instant On
38	-	40	CRMX On	Turns wireless CRMX ON	2.5 seconds
41	-	43	CRMX Off	Turns wireless CRMX OFF	2.5 seconds
44	-	46	CRMX Unlink	TX: Unlink all linked fixtures RX: Unlink the fixture from a CRMX transmitter	2.5 seconds
47	-	49	CRMX Link	If set as a CRMX Transmitter, it will send the Link Signal	2.5 seconds
50	-	52	CRMX Mode RX	If set to a CRMX TX, it will change to RX. If it is off, it will remain off.	2.5 seconds
53	-	55	CRMX Mode TX	If set to a CRMX RX, it will change to TX. If it is off, it will remain off.	2.5 seconds
56	-	58	RDM off	Turns off the RDM	2.5 seconds

59	-	61	RDM on	Turns on the RDM	2.5 seconds
62	-	64	High Speed Mode On	if available	2.5 seconds
65	-	67	High Speed Mode Off	if available	2.5 seconds
68	-	70	Constant Output		2.5 seconds
71	-	73	Maximum Output		2.5 seconds
74	-	76	Studio Mode ON		2.5 seconds
77	-	79	Studio Mode OFF		2.5 seconds
80	-	82	Turn On Fan DMX Control Channel		2.5 seconds
83	-	85	Turn Off Fan DMX Control Channel	Sets Fan to Smart	2.5 seconds
86	-	88	N/A		
89	-	91	N/A		
92	-	94	N/A		
95	-	97	N/A		
98	-	100	Dim curve Linear	Dim curve Linear	2.5 seconds
101	-	103	Dim curve Exponential	Dim curve Exponential	2.5 seconds
104	-	106	Dim curve Logarithmic	Dim curve Logarithmic	2.5 seconds
107	-	109	Dim curve S-Curve	Dim curve S-Curve	2.5 seconds
110	-	172	N/A		2.5 seconds
173	-	249	Reserved		2.5 seconds
250	-	252	Turn On Control Channel	Defaults to On	2.5 seconds
253	-	255	Turn off Control Channel	Commands sent on the DMX Control Channel will be ignored.	2.5 seconds

# Color Space Profiles

## Profile 81: VRGB + Control - 8 Bit (9 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Red	0 - 255	0-100		100% / 255
2	Green	0 - 255	0-100		100% / 255
3	Blue	0 - 255	0-100		100% / 255
4	CCT	0 - 255	0 - 100	1800K to 20000K	3200K / 17
5	±Green	0 - 10	0 - 4	Neutral / No Effect*	Neutral / 128
		11 - 20	5- 8	Full Minus Green	
		21 - 119	9 - 47	-99% - -1%	
		120 - 145	48 - 57	Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	Full Plus Green	
6	Color Space	0 - 255	0-100	SEE COLOR SPACE CHART	
7	Strobe	0 - 13	0 - 15	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
8	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
9	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	

## Profile 82: VRGB + Control - 16 Bit (14 ch.)

Channel	Function	Value	Percent	Description	Default
1 / 2	Red	0 - 65535	0-100		100% / 65535
3 / 4	Green	0 - 65535	0-100		100% / 65535
5 / 6	Blue	0 - 65535	0-100		100% / 65535
7 / 8	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K / 4497
9 / 10	±Green	0 - 10	0 - 4	Neutral / No Effect*	Neutral / 128
		11 - 20	5 - 8	Full Minus Green	
		21 - 119	9 - 47	-99% - -1%	
		120 - 145	48 - 57	Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	Full Plus Green	
11	Color Space	0 - 255	0-100	SEE COLOR SPACE CHART	
12	Strobe	0 - 13	0 - 15	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
13	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
14	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 83: VRGB-I + Control - 8 Bit (10 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1	Red	0 - 255	0-100		100% / 255
2	Green	0 - 255	0-100		100% / 255
3	Blue	0 - 255	0-100		100% / 255
4	Intensity	0 - 255	0 - 100	0 → 100%	0
5	CCT	0 - 255	0 - 100	1800K to 20000K	3200K
6	±Green	0 - 10	0 - 4	Neutral / No Effect*	Neutral / 128
		11 - 20	5- 8	Full Minus Green	
		21 - 119	9 - 47	-99% - -1%	
		120 - 145	48 - 57	Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	Full Plus Green	
7	Color Space	0 - 255	0-100	SEE COLOR SPACE CHART	
8	Strobe	0 - 13	0 - 15	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
9	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
10	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 84: VRGB + Control - 16 Bit (16 ch.)

Channel	Function	Value	Percent	Description	Default % / DMX
1 / 2	Red	0 - 65535	0-100		100% / 65535
3 / 4	Green	0 - 65535	0-100		100% / 65535
5 / 6	Blue	0 - 65535	0-100		100% / 65535
7 / 8	Intensity	0 - 65535	0 - 100	0 → 100%	0
9 / 10	CCT	0 - 65535	0 - 100	1800K to 20000K	3200K
11 / 12	±Green	0 - 10	0 - 4	Neutral / No Effect*	Neutral / 128
		11 - 20	5 - 8	Full Minus Green	
		21 - 119	9 - 47	-99% - -1%	
		120 - 145	48 - 57	Neutral	
		146 - 244	58 - 96	1% - 99%	
		245 - 255	97 - 100	Full Plus Green	
13	Color Space	0 - 255	0-100	SEE COLOR SPACE CHART	
14	Strobe	0 - 13	0 - 15	Off	0
		14 - 128	6 - 50	Random (0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant (0.4Hz -> 25Hz)	
15	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
16	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	
				*Do not patch "No Effect" range into consoles	



## Profile 85: VRGB-CS - 8 Bit (7 ch.)

CCT Locked at 6500K					
Channel	Function	Value	Percent	Description	Default % / DMX
1	Red	0 - 255	0-100		100% / 255
2	Green	0 - 255	0-100		100% / 255
3	Blue	0 - 255	0-100		100% / 255
4	Color Space	0 - 255	0-100	SEE COLOR SPACE CHART	
5	Strobe	0 - 13	0 - 15	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
6	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
7	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 86: VRGB-CS - 16 Bit (10 ch.)

CCT Locked at 6500K					
Channel	Function	Value	Percent	Description	Default
1 / 2	Red	0 - 65535	0-100		100% / 65535
3 / 4	Green	0 - 65535	0-100		100% / 65535
5 / 6	Blue	0 - 65535	0-100		100% / 65535
7	Color Space	0 - 255	0-100	SEE COLOR SPACE CHART	
8	Strobe	0 - 13	0 - 15	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
9	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
10	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 87: VRGB-709 - 8 Bit (6 ch.)

CCT Locked at 6500K @ SRGB					
Channel	Function	Value	Percent	Description	Default
1	Red	0 - 255	0-100		100% / 255
2	Green	0 - 255	0-100		100% / 255
3	Blue	0 - 255	0-100		100% / 255
4	Strobe	0 - 13	0 - 15	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
5	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
6	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 88: VRGB-709 - 16 Bit (9 ch.)

CCT Locked at 6500K @ SRGB

Channel	Function	Value	Percent	Description	Default
1 / 2	Red	0 - 65535	0-100		100% / 65535
3 / 4	Green	0 - 65535	0-100		100% / 65535
5 / 6	Blue	0 - 65535	0-100		100% / 65535
7	Strobe	0 - 13	0 - 15	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
8	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
9	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 89: VRGB-sRGB - 8 Bit (6 ch.)

CCT Locked at 6500K @ SRGB

Channel	Function	Value	Percent	Description	Default % / DMX
1	Red	0 - 255	0-100		100% / 255
2	Green	0 - 255	0-100		100% / 255
3	Blue	0 - 255	0-100		100% / 255
4	Strobe	0 - 13	0 - 15	Off	0
		14 - 128	6 - 50	Random ( 0.4Hz -> 25Hz)	
		129 - 255	51 - 100	Constant ( 0.4Hz -> 25Hz)	
5	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART	
6	Fan Mode	0 - 38	0 - 15	Auto/Smart	0
		39 - 77	16 - 30	Max	
		78 - 115	31 - 45	Medium	
		116 - 153	46 - 60	Low	
		154 - 191	61 - 75	Delayed	
		192 - 255	76 - 100	Silent	

## Profile 90: VRGB-sRGB - 16 Bit (9 ch.)

CCT Locked at 6500K @ SRGB

Channel	Function	Value	Percent	Description	Default	Notes
1 / 2	Red	0 - 65535	0-100		100% / 65535	
3 / 4	Green	0 - 65535	0-100		100% / 65535	
5 / 6	Blue	0 - 65535	0-100		100% / 65535	
7	Strobe	0 - 13	0 - 15	Off	0	
		14 - 128	6 - 50	Random (0.4Hz -> 25Hz)		
		129 - 255	51 - 100	Constant (0.4Hz -> 25Hz)		
8	Control Channel	0 - 255	0-100	SEE CONTROL CHANNEL CHART		
9	Fan Mode	0 - 38	0 - 15	Auto/Smart	0	
		39 - 77	16 - 30	Max		
		78 - 115	31 - 45	Medium		
		116 - 153	46 - 60	Low		
		154 - 191	61 - 75	Delayed		
		192 - 255	76 - 100	Silent		

# Color Space Chart

## VRGB

Value	Percent	Description	EOTF	RGB->XYZ Matrix
Default % / DMX 100% / 255				
0-255	0-100			
0 - 10	0 - 4	<b>Broadcast SDR</b>	<b>Gamma 2.4</b>	<b>Rec709</b>
11 - 20	5 - 8	<b>sRGB</b>	<b>sRGB</b>	<b>Rec709</b>
21 - 30	9 - 12	Broadcast Rec709 HDR (relative)	ST2084 (PQ) (Relative)	Rec709
31 - 40	13 - 16	Broadcast Rec709 HDR (1000 nits Scaled)	ST2084 1000 nits Scaled (relative)	Rec709
41 - 50	17 - 20	Broadcast HDR: HLG (Relative)	HLG 1200 nits Scaled (Relative)	Rec709
51 - 60	21 - 24	<b>Display P3</b>	<b>sRGB</b>	<b>P3 D65</b>
61 - 70	25 - 28	P3 HDR (relative)	ST2084 (PQ) (Relative)	P3 D65
71 - 80	29 - 32	<b>P3 HDR (1000 nits Scaled)</b>	<b>ST2084 1000 nits Scaled (relative)</b>	<b>P3 D65</b>
81 - 90	33 - 35	<b>P3 HDR: HLG (Relative)</b>	<b>HLG 1200 nits Scaled (Relative)</b>	<b>P3 D65</b>
91 - 100	36 - 39	Rec2020 SDR	Gamma 2.4	Rec2020
101 - 110	40 - 43	Rec2100 HDR (Relative)	ST2084 (PQ) (Relative)	Rec2020
111 - 120	44 - 47	<b>Rec2100 HDR (1000 nits Scaled)</b>	<b>ST2084 1000 nits Scaled (relative)</b>	Rec2020
121 - 130	48 - 51	<b>Rec2100 HDR: HLG (Relative)</b>	<b>HLG 1200 nits Scaled (Relative)</b>	Rec2020
131 - 140	52 - 55	Apple Log	Apple Log	Rec2020
141 - 150	56 - 59	ACES AP1 (relative)	ACEScct (relative)	ACES AP1
151 - 160	60 - 63	<b>ACES AP0</b>	<b>Linear</b>	<b>ACES AP0</b>
161 - 244	64 - 96	RESERVED	RESERVED	RESERVED
245 - 255	97 - 100	<b>Aputure Color Space</b>	<b>Linear</b>	<b>Aputure Gamut</b>