

# Q-Rainbow RGBX

## Linear LED

<b>Profile 1</b>					
<u>HSIC – 8 Bit</u>					
5 DMX Channels					
Channel	Function	Value	Percentage	Description	Default % / DMX
1	Intensity	0-255	0-100		0
2	Color Temp	0-255	0-100	2000K to 6000K	0
3	G +/-			Plus and Minus Green	50% / 128
		0-10	0-4	No Effect	
		11-20	5-8	Full Minus Green	
		21-119	8-46	-99% to -1%	
		120-145	47-57	Neutral	
		146-244	57-96	1% to 99%	
		245-255	96-100	Full Plus Green	
4	Hue	0-255	0 to 360	0° to 360°	0
5	Saturation	0-255	0-100	White Light to RGB	0
<b>Profile 2</b>					
<u>HSIC – 16 Bit</u>					
7 DMX Channels					
Channel	Function	Value	Percentage	Description	Default % / DMX
1/2	Intensity	0-65,535	0-100		0
3	Color Temp	0-255	0-100	2000K to 6000K	0
4	G +/-			Plus and Minus Green	50% / 128
		0-10	0-4	No Effect	
		11-20	5-8	Full Minus Green	
		21-119	8-46	-99% to -1%	
		120-145	47-57	Neutral	
		146-244	57-96	1% to 99%	
		245-255	96-100	Full Plus Green	
5/6	Hue	0-65,535	0 to 360	0° to 360°	0
7	Saturation	0-255	0-100	White Light to RGB	0
<b>Profile 3</b>					
<u>HSI 8 bit</u>					
3 DMX Channels					
Channel	Function	Value	Percentage		Default % / DMX
1	Intensity	0-255	0-100		0
2	Hue	0-255	0 to 360	0° to 360°	0
3	Saturation	0-255	0-100	4000K to RGB	0
*The white light value in this mode is 4000K					

# Q-Rainbow RGBX

## Linear LED

<b>Profile 4</b>					
<u>Crossfade &amp; CC - 8 bit</u>					
3 DMX Channels					
Channel	Function	Value	Percentage	Description	Default % / DMX
1	Intensity	0-255	0-100		0
2	Color Temp	0-255	0-100	2000K to 6000K	0
3	G +/-			Plus and Minus Green	50% / 128
		0-10	0-4	No Effect	
		11-20	5-8	Full Minus Green	
		21-119	8-46	-99% to -1%	
		120-145	47-57	Neutral	
		146-244	57-96	1% to 99%	
		245-255	96-100	Full Plus Green	
<b>Profile 5</b>					
<u>Crossfade - 8 bit</u>					
2 DMX Channels					
Channel	Function	Value	Percentage	Description	Default % / DMX
1	Intensity	0-255	0-100		0
2	Color Temp	0-255	0-100	2000K to 6000K	0
<b>Profile 6</b>					
<u>CCT &amp; RGB – 8 Bit</u>					
7 DMX Channels					
Channel	Function	Value	Percentage	Description	Default % / DMX
1	Intensity	0-255	0-100		0
2	Color Temp	0-255	0-100	2000K to 6000K	0
3	G +/-			Plus and Minus Green	50% / 128
		0-10	0-4	No Effect	
		11-20	5-8	Full Minus Green	
		21-119	8-46	-99% to -1%	
		120-145	47-57	Neutral	
		146-244	57-96	1% to 99%	
		245-255	96-100	Full Plus Green	
4	Crossfade	0-255	0-100	White Light to RGB	0
5	Red	0-255	0-100		0
6	Green	0-255	0-100		0
7	Blue	0-255	0-100		0

# Q-Rainbow RGBX

## Linear LED

<b>Profile 7</b>					
<u>CCT &amp; RGB – 16 Bit</u>					
<u>9 DMX Channels</u>					
<b>Channel</b>	<b>Function</b>	<b>Value</b>	<b>Percentage</b>	<b>Description</b>	<b>Default % / DMX</b>
1/2	Intensity	0-65.535	0-100		0
3	Color Temp	0-255	0-100	2000K to 6000K	0
4	G +/-			Plus and Minus Green	50% / 128
		0-10	0-4	No Effect	
		11-20	5-8	Full Minus Green	
		21-119	8-46	-99% to -1%	
		120-145	47-57	Neutral	
		146-244	57-96	1% to 99%	
		245-255	96-100	Full Plus Green	
5/6	Crossfade	0-65,535	0-100	White Light to RGB	0
7	Red	0-255	0-100		0
8	Green	0-255	0-100		0
9	Blue	0-255	0-100		0
<b>Profile 8</b>					
<u>RGB 8 bit</u>					
<u>3 DMX Channels</u>					
<b>Channel</b>	<b>Function</b>	<b>Value</b>	<b>Percentage</b>	<b>Description</b>	<b>Default % / DMX</b>
1	Red	0-255	0-100		0
2	Green	0-255	0-100		0
3	Blue	0-255	0-100		0
*The white light value in this mode is 4000k					

# Q-Rainbow RGBX

## Linear LED

FX Profile 9					
HSIC+FX – 8 Bit					
8 DMX Channels					
Channel	Function	Value	Percentage	Description	Default % / DMX
1	Intensity	0-255	0-100		0
2	Color Temp	0-255	0-100	2000K to 6000K	0
3	G +/-			Plus and Minus Green	50% / 128
		0-10	0-4	No Effect	
		11-20	5-8	Full Minus Green	
		21-119	8-46	-99% to -1%	
		120-145	47-57	Neutral	
		146-244	57-96	1% to 99%	
		245-255	96-100	Full Plus Green	
4	Hue	0-255	0 to 360	0° to 360°	0
5	Saturation	0-255	0-100	White Light to RGB	0
6	FX				0
		0-27	0-10	OFF	
		28-40	11-15	Rainbow	
		41-53	16-20	Short Circuit	
		54-68	21-25	Paparazzi	
		69-78	26-30	Fire 1	
		79-91	31-35	Fire 2	
		92-104	36-40	Fire 3	
		105-116	41-45	Cop Light 1	
		117-129	46-50	Cop Light 2	
		130-142	51-55	Demo	
		143-255	56-100	No Effect	
7	FX Rate	0-255	0-100		100%/128
		0-10	0-4	No Effect	
		11-20	5-8	0%	
		21-119	8-46	1% to 99%	
		120-145	47-57	100% Default	
		146-244	57-96	101% to 199%	
		245-255	96-100	200%	
8	FX Size	0-255	0-100%		0

# Q-Rainbow RGBX

## Linear LED

FX Profile 10					
HSIC+FX – 16 Bit					
10 DMX Channels					
Channel	Function	Value	Percentage	Description	Default % / DMX
1/2	Intensity	0-65,535	0-100		0
3	Color Temp	0-255	0-100	2000K to 6000K	0
4	G +/-			Plus and Minus Green	50% / 128
		0-10	0-4	No Effect	
		11-20	5-8	Full Minus Green	
		21-119	8-46	-99% to -1%	
		120-145	47-57	Neutral	
		146-244	57-96	1% to 99%	
		245-255	96-100	Full Plus Green	
5/6	Hue	0-65,535	0 to 360	0° to 360°	0
7	Saturation	0-255	0-100	White Light to RGB	0
8	FX				0
		0-27	0-10	OFF	
		28-40	11-15	Rainbow	
		41-53	16-20	Short Circuit	
		54-68	21-25	Paparazzi	
		69-78	26-30	Fire 1	
		79-91	31-35	Fire 2	
		92-104	36-40	Fire 3	
		105-116	41-45	Cop Light 1	
		117-129	46-50	Cop Light 2	
		130-142	51-55	Demo	
		143-255	56-100	No Effect	
9	FX Rate	0-255	0-100		100%/128
		0-10	0-4	No Effect	
		11-20	5-8	0%	
		21-119	8-46	1% to 99%	
		120-145	47-57	100% Default	
		146-244	57-96	101% to 199%	
		245-255	96-100	200%	
10	FX Size	0-255	0-100%		0

# Q-Rainbow RGBX

## Linear LED

FX Profile 11					
CCT & RGB+FX – 8 Bit					
10 DMX Channels					
Channel	Function	Value	Percentage	Description	Default % / DMX
1	Intensity	0-255	0-100		0
2	Color Temp	0-255	0-100	2000K to 6000K	0
3	G +/-			Plus and Minus Green	50% / 128
		0-10	0-4	No Effect	
		11-20	5-8	Full Minus Green	
		21-119	8-46	-99% to -1%	
		120-145	47-57	Neutral	
		146-244	57-96	1% to 99%	
		245-255	96-100	Full Plus Green	
4	Crossfade	0-255	0-100	White Light to RGB	0
5	Red	0-255	0-100		0
6	Green	0-255	0-100		0
7	Blue	0-255	0-100		0
8	FX				0
		0-27	0-10	OFF	
		28-40	11-15	Rainbow	
		41-53	16-20	Short Circuit	
		54-68	21-25	Paparazzi	
		69-78	26-30	Fire 1	
		79-91	31-35	Fire 2	
		92-104	36-40	Fire 3	
		105-116	41-45	Cop Light 1	
		117-129	46-50	Cop Light 2	
		130-142	51-55	Demo	
		143-255	56-100	No Effect	
9	FX Rate	0-255	0-100		100%/128
		0-10	0-4	No Effect	
		11-20	5-8	0%	
		21-119	8-46	1% to 99%	
		120-145	47-57	100%	
		146-244	57-96	101% to 199%	
		245-255	96-100	200%	
10	FX Size	0-255	0-100%		0

# Q-Rainbow RGBX

## Linear LED

FX Profile 12					
CCT & RGB + FX – 16 Bit					
12 DMX Channels					
Channel	Function	Value	Percentage	Description	Default % / DMX
1/2	Intensity	0-65.535	0-100		0
3	Color Temp	0-255	0-100	2000K to 6000K	0
4	G +/-			Plus and Minus Green	50% / 128
		0-10	0-4	No Effect	
		11-20	5-8	Full Minus Green	
		21-119	8-46	-99% to -1%	
		120-145	47-57	Neutral	
		146-244	57-96	1% to 99%	
		245-255	96-100	Full Plus Green	
5/6	Crossfade	0-65.535	0-100	White Light to RGB	0
7	Red	0-255	0-100		0
8	Green	0-255	0-100		0
9	Blue	0-255	0-100		0
10	FX				0
		0-27	0-10	OFF	
		28-40	11-15	Rainbow	
		41-53	16-20	Short Circuit	
		54-68	21-25	Paparazzi	
		69-78	26-30	Fire 1	
		79-91	31-35	Fire 2	
		92-104	36-40	Fire 3	
		105-116	41-45	Cop Light 1	
		117-129	46-50	Cop Light 2	
		130-142	51-55	Demo	
		143-255	56-100	No Effect	
11	FX Rate	0-255	0-100		100%/128
		0-10	0-4	No Effect	
		11-20	5-8	0%	
		21-119	8-46	1% to 99%	
		120-145	47-57	100% Default	
		146-244	57-96	101% to 199%	
		245-255	96-100	200%	
12	FX Size	0-255	0-100		0