

Chroma-Q Color Force II - Grouping

Grouping mode	Description	Number of individual cells/group control		
		Color Force II 12	Color Force II 48	Color Force II 72
CFII 12 - 48 - 72				
X24	Entire fixture as one	N/A	N/A	1
X16		N/A	1	N/A
X12		N/A	N/A	2
X8		N/A	2	3
X6		N/A	N/A	4
X4	Group by 4 cells	1	4	6
X3		N/A	N/A	8
X2		2	8	12
X1	Individual cell control	4	16	24
Odd/Even	Controls every other cell (pixels) in two groups of control – odd cell and even cells.	2	2	2
Skp2	Provides control of three groups comprising every third cell (pixel) on the fixture.	N/A	N/A	8
Skp3	Provides control of four groups comprising every forth cell (pixel) on the fixture.	N/A	4	6
Skp6	Provides control of six groups comprising every sixth cell (pixel) on the fixture.	N/A	N/A	6
Skp8	Provides control of six groups comprising every sixth cell (pixel) on the fixture.	N/A	8	N/A

CFII 72

Control Mode / Grouping	Strobe Off RGBA	Strobe Off RGB	Strobe Off HSI	Strobe On RGBA	Strobe On RGB	Strobe On HSI	Strobe on Top RGBA	Strobe on Top RGB	Strobe on Top HSI	Strobe Random RGBA	Strobe Random RGB	Strobe Random HSI
x24	4	3	3	6	5	5	10	8	8	11	9	9
x12	8	6	6	10	8	8	14	11	11	15	12	12
x8	12	9	9	14	11	11	18	14	14	19	15	15
x6	16	12	12	18	14	14	22	17	17	23	18	18
x4	24	18	18	26	21	21	30	23	23	32	24	24
x3	24	24	24	34	26	26	38	29	29	39	30	30
x2	36	36	36	50	41	41	55	44	44	57	45	45
x1	96	72	72	98	74	74	102	77	77	103	78	78
Od/Ev	48	36	36	50	38	38	55	41	41	57	42	42
Skp2	24	18	18	26	20	20	30	23	23	31	24	24
Skp3	24	18	18	24	18	18	24	18	18	24	18	18
Skp6	24	18	18	26	20	20	30	23	23	31	24	24
Look Sel	1											

CFII 48

Control Mode / Grouping	Strobe Off RGBA	Strobe Off RGB	Strobe Off HSI	Strobe On RGBA	Strobe On RGB	Strobe On HSI	Strobe on Top RGBA	Strobe on Top RGB	Strobe on Top HSI	Strobe Random RGBA	Strobe Random RGB	Strobe Random HSI
X16	4	3	3	6	5	5	10	8	8	11	9	9
X8	8	6	6	10	8	8	14	11	11	15	12	12
X4	16	12	12	14	14	14	22	17	17	23	18	18
X2	32	24	24	26	26	26	38	29	29	39	30	30
X1	64	48	48	66	50	50	70	53	53	71	54	54
Od/Ev	32	24	24	34	26	26	38	29	29	39	30	30
Skp3	16	12	12	18	14	14	22	17	17	23	18	18
Skp7	32	24	24	34	26	26	38	29	29	39	30	30
Look Sel	1											

CFII 12

Control Mode / Grouping	Strobe Off RGBA	Strobe Off RGB	Strobe Off HSI	Strobe On RGBA	Strobe On RGB	Strobe On HSI	Strobe on Top RGBA	Strobe on Top RGB	Strobe on Top HSI	Strobe Random RGBA	Strobe Random RGB	Strobe Random HSI
X4	4	3	3	6	5	5	10	8	8	11	9	9
X2	8	6	6	10	8	8	14	11	11	15	12	12
x1	16	12	12	18	14	14	22	17	17	23	18	18
Od/Ev	8	6	6	10	8	8	14	11	11	15	12	12
Look Sel	1											

Chroma-Q Color Force II - Strobe Options

Strobe Options

These options allow LEDs to flash at different frequency, duration and density depending on the selection and application requirements. All these factors can be varied using a DMX console. Current mode on Main Screen will display sRGBA or sRGB / sHSI, where the "s" indicates a Strobe function is ON. Multiple strobe options can be selected at the same time.

Strobe Mode	Description	Additional Channels	Notes
OFF:	Select this and the Press Apply to disable strobe option.		
Strobe On:	Press this button and then select Apply to enable strobe options. This will add 2 control channels at the beginning of the current channel footprint; first channel for flash frequency and second channel for flash duration. This setting will be indicated on Main menu touch screen.	Frequency, Duration	Color of strobe flash determined by DMX values following control channels and Mode & Grouping selected by user
On TOP:	Selecting Strobe On with On Top option will add 5 or 6 channels at the beginning of the fixture DMX footprint based on current mode selected. For RGBA – 6 extra channels and for RGB/HSI – 5 extra channels as follows: flash, frequency, flash duration, On Top strobe color. On Top color will be 3 or 4 channels depending on control mode.	Frequency, Duration, Color	Color of strobe flash On Top determined by color selected in Additional Channels, base color determined by DMX values following and Mode & Grouping selected
RANDOM:	Choosing this option LED's flashing frequency and duration can be randomized allowing unit to have a base color with strobe enabled adding another 1 extra channel for density (how many pixels are flashed at a time). Lowest density value is 1, highest is all 24 pixels.	Frequency, Duration, Density	Color of strobe flash determined by DMX values following Additional Channels and Mode & Grouping selected by user
On TOP + RANDOM:	Combination of two modes	Frequency, Duration, Density, Color	Color of strobe flash On Top determined by color selected in Additional Channels, base colour determined by DMX values following and Mode & Grouping selected

Chroma-Q Color Force II -Default Looks

DMX Range	% Range	Look	Description
0	0	0	OFF
3–5	1–2	1	Red Full
8–13	3–5	2	Pink Full
15–23	6–9	3	Orange Full
26–28	10–11	4	Light Orange Full
31–38	12–15	5	Yellow Full
41–48	16–19	6	Light Yellow Full
51–56	20–22	7	Green Full
59–64	23–25	8	Light Green Full
66–69	26–27	9	Cyan Full
74–82	29–32	10	Light Cyan Full
84–89	33–35	11	Blue Full
92–97	36–38	12	Light Blue Full
99–107	39–42	13	2800 White
110–115	43–45	14	3200 White
117–122	46–48	15	4000 White
125–130	49–51	16	5600 White
133–138	52–54	17	Empty
143–148	56–58	18	Empty
150–156	59–61	19	Empty
158–163	62–64	20	Empty
166–173	65–68	21	Empty
176–181	69–71	22	Empty
184–189	72–74	23	Empty
191–199	75–78	24	Empty
201–207	79–81	25	Empty
212–217	83–85	26	Empty
219–224	86–88	27	Empty
227–232	89–91	28	Empty
235–240	92–94	29	Empty
242–247	95–97	30	Empty
250–255	98–100	31	Empty

Chroma-Q Color Force II - RGBW Mode

RGBW	Value	Function	Fade Status	Default Value
1		Red		
	0 - 255	Minimum → Maximum Intensity	Fade	0
2		Green		
	0 - 255	Minimum → Maximum Intensity	Fade	0
3		Blue		
	0 - 255	Minimum → Maximum Intensity	Fade	0
4		White		
	0 - 255	Minimum → Maximum Intensity	Fade	0

Note: Channel 1 through 4 will repeat for each cell control according to the selected grouping mode

Chroma-Q Color Force II - RGB Mode

RGB	Value	Function	Fade Status	Default Value
1		Red		
	0 - 255	Minimum → Maximum Intensity	Fade	0
2		Green		
	0 - 255	Minimum → Maximum Intensity	Fade	0
3		Blue		
	0 - 255	Minimum → Maximum Intensity	Fade	0

Note: Channel 1 through 3 will repeat for each cell control according to the selected grouping mode

Chroma-Q Color Force II - HSI Mode

HSi	Value	Function	Fade Status	Default Value
1		Hue*		
	0 - 255	Color Spectrum 0 → 360, Red → Red	Fade	0
2		Saturation		
	0 - 255	Desaturated → Saturated	Fade	0
3		Intensity		
	0 - 255	Minimum → Maximum Intensity	Fade	0

Note: Channel 1 through 3 will repeat for each cell control according to the selected grouping mode

* With ETC Comp hue mode Disabled, the Hue channel is from Blue to Blue

Chroma-Q Color Force II - RGBA to CCT Equivalent

These are approximations

	R	G	B	A
1600	255	130	20	255
2000	255	171	53	255
2400	255	198	83	255
2800	255	220	110	255
3200	255	236	136	255
3600	250	245	159	255
4000	241	250	180	255
4400	230	252	196	255
4800	219	251	214	255
5000	255	255	255	255
5200	206	253	224	255
5600	191	255	226	255
6000	175	255	228	255
6400	161	255	229	255
6800	149	255	230	255
7200	141	255	232	255
7600	134	255	236	255
8000	131	255	237	255
8400	123	255	240	255
8800	118	255	242	255
9200	113	255	244	255
9600	108	255	245	255
10000	106	255	248	255