

Mode Options



Cine-Q 16b The crossfade parameter can be set to 16-bit for a more accurate crossfade and better granularity, when using very long transition. When set at this mode, one extra channel (#9) is assigned for very small step increase/decrease in the intensity (0.0% to 1.0%) with change in the DMX fader value form 0-255. See Table 21 (DMX Map-CINE-Q-iKRGBW-16bit) for the DMX Map.

Mode	i	K	H	R	G	B	W	X	x
Cine-Q 8b	1	2	3	4	5	6	7	8	--
Cine-Q 16b	1	2	3	4	5	6	7	8	9

****Extended** This setting assigns one extra channel in the end, which allows remote override of certain settings such as engine frequency, fan speed, Dimmer curve and DMX Lost state. This option allows users to temporarily override touch screen menu entered settings, using one extra channel on a DMX console.

To override a current setting in the fixture,

1. Set the value of this channel to the desired setting (DMX Value) listed in the Table 23 (DMX Map-Extended Control Channel).
2. Wait for 5 sec.
3. The fixture will retain that setting, until it is changed again or the fixture is power cycled.
4. To avoid any unintentional settings override, set the extended channel back to DMX value 0.

After the power cycle, the extended control setting will be reset and the fixture will default back to the last settings set by the touch screen display menu or the RDM.

HSi Legacy The option allows the new Studio force fixtures match the HSi pattern, with old Chroma-Q HSi mode enabled fixtures. With Legacy hue mode enabled, the Hue channel is from Blue to Blue (B→G→R→B).

Pixel ordering Options

The starting DMX address can be selected to be on the right or left of the fixture as indicated on the display. The “Left” side of the fixture is at power/dmx IN; the “Right” side is at power/dmx out. Table #10, is an example of address ordering for a Studio Force II™ 72, with x1 Grouping selected.

L→R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
R→L	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

Table 10 (Flip Grouping)

DMX Footprints

Number of DMX Channels used in Mode/Grouping Combinations
 P.S.: Add one extra channel when Extended mode is enabled

Studio Force II™ 72						
Control Mode	KHi	Cine-Q	Cine-Q 16bit	RGBW	RGB	HSi
Grouping						
All	3	8	9	4	3	3
x4	18	48	54	24	18	18
x1	72	192	216	96	72	72
Od/Ev	6	16	18	8	6	6

Table 11 (SFII 72 Mode-Grouping DMX Values)

Studio Force II™ 48						
Control Mode	KHi	Cine-Q	Cine-Q 16bit	RGBW	RGB	HSi
Grouping						
All	3	8	9	4	3	3
x4	12	32	36	16	12	12
x1	48	128	144	64	48	48
Od/Ev	6	16	18	8	6	6

Table 12 (SFII 48 Mode-Grouping DMX Values)

Studio Force II™ 12						
Control Mode	KHi	Cine-Q	Cine-Q 16bit	RGBW	RGB	HSi
Grouping						
All	3	8	9	4	3	3
x1	12	32	36	16	12	12
Od/Ev	6	16	18	8	6	6

Table 13 (SFII 12 Mode-Grouping DMX Values)