

## ***S400 COLOR PANEL-C6***

### DMX Control Modes

Ver. 1.0 / Release

Stage1 S400-C6 DMX Mode		
No.	DMX mode	DMX Ch.
1	<a href="#">CCT 8 Bit</a>	7
2	<a href="#">CCT &amp; RGBW 8 Bit</a>	12
3	<a href="#">CCT &amp; HSI 8 Bit</a>	10
4	<a href="#">RGBW 8 Bit</a>	9
5	<a href="#">HSI 8 Bit</a>	7
6	<a href="#">GEL 8 Bit</a>	17
7	<a href="#">Effect 8 bit</a>	13
8	<a href="#">x y coord. 8 Bit</a>	11
9	<a href="#">CCT 16 Bit</a>	10
10	<a href="#">CCT &amp; RGBW 16 Bit</a>	20
11	<a href="#">CCT &amp; HSI 16 Bit</a>	16
12	<a href="#">RGBW 16 Bit</a>	14
13	<a href="#">HSI 16 Bit</a>	10
14	<a href="#">GEL 16 Bit</a>	19
15	<a href="#">Effect 16 Bit</a>	21
16	<a href="#">x y coord. 16 Bit</a>	17

**5400 COLOR PANEL-CE**

CCT Mode: 8 Bit / 16 Bit

version 1.0 /Release

8 bit	16 bit	Value	Percent	Function
1	1	0-255	0-100	<b>Dimmer</b> Closed -> Open
*	2	0-255	0-100	<b>Dimmer Fine</b>
2	3	0-255	0-100	<b>Color Temperature CCT</b> 2,000 K -> 10,000 K
*	4	0-255	0-100	<b>Color Temperature CCT Fine</b>
3	5	0-010 011-020 021-119 120-145 146-244 251-255	0-7 8-15 16-46 47-61 62-92 93-100	<b>Green - Magenta Point</b> Neutral / No Effect Full minus green -99% -> -1% Neutral / No Effect 1% -> 99% Full plus green
*	6	0-255	0-100	<b>Green - Magenta Point Fine</b>
4	7	0-9 10-57 58-105 106-153 154-201 202-249 250-255	0-3 4-22 23-41 42-60 61-78 79-97 99-100	<b>Fan Control</b> Controlled by fixture cooling mode Whisper mode Vairable Speed, slow to fast Auto Silent High Power Fan Off
5	8	0-255	0-100	<b>Preset</b> Refer to Preset table
6	9	0-19 20-255	0-7 8-100	<b>Light Strobe</b> No Flash 1 flash/s to 25 flashes/s
7	10			<b>Reserved</b>

**S400 COLOR PANEL-CE**

CCT&amp;RGBW Mode: 8 Bit / 16 Bit

version 1.0 /Release

8 bit	16 bit	Value	Percent	Function
1	1	0-255	0-100	<b>Dimmer</b> Closed -> Open
*	2	0-255	0-100	<b>Dimmer Fine</b>
2	3	0-255	0-100	<b>Color Temperature CCT</b> 2,000 K -> 10,000 K
*	4	0-255	0-100	<b>Color Temperature CCT Fine</b>
3	5	0-010 011-020 021-119 120-145 146-244 251-255	0-7 8-15 16-46 47-61 62-92 93-100	<b>Green - Magenta Point</b> Neutral / No Effect Full minus green -99% -> -1% Neutral / No Effect 1% -> 99% Full plus green
*	6	0-255	0-100	<b>Green - Magenta Point Fine</b>
4	7	0-255	0-100	<b>Crossfade to color</b> White -> RGBW
*	8	0-255	0-100	<b>Crossfade to colort Fine</b>
5	9	0-255	0-100	<b>Intensity Red</b> 0% -> 100%
*	10	0-255	0-100	<b>Intensity Red Fine</b>
6	11	0-255	0-100	<b>Intensity Green</b> 0% -> 100%
*	12	0-255	0-100	<b>Intensity Green Fine</b>
7	13	0-255	0-100	<b>Intensity Blue</b> 0% -> 100%
*	14	0-255	0-100	<b>Intensity Blue Fine</b>
8	15	0-255	0-100	<b>Intensity White</b> 0% -> 100%
*	16	0-255	0-100	<b>Intensity White Fine</b>
9	17	0-9 10-57 58-105 106-153 154-201 202-249 250-255	0-3 4-22 23-41 42-60 61-78 79-97 99-100	<b>Fan Control</b> Controlled by fixture cooling mode Whisper mode Vairable Speed, slow to fast Auto Silent High Power Fan Off
10	18	0-255	0-100	<b>Preset</b> Refer to Preset table
11	19	0-19 20-255	0-7 8-100	<b>Light Strobe</b> No Flash 1 flash/s to 25 flashes/s
12	20	0-255	0-255	<b>Reserved</b>

**5400 COLOR PANEL-CE**

CCT&amp;HSI Mode: 8 Bit / 16 Bit

version 1.0 /Release

8 bit	16 bit	Value	Percent	Function
1	1	0-255	0-100	<b>Dimmer</b> Closed -> Open
*	2	0-255	0-100	<b>Dimmer Fine</b>
2	3	0-255	0-100	<b>Color Temperature CCT</b> 2,000 K -> 10,000 K
*	4	0-255	0-100	<b>Color Temperature CCT Fine</b>
3	5	0-010 011-020 021-119 120-145 146-244 251-255	0-7 8-15 16-46 47-61 62-92 93-100	<b>Green - Magenta Point</b> Neutral / No Effect Full minus green -99% -> -1% Neutral / No Effect 1% -> 99% Full plus green
*	6	0-255	0-100	<b>Green - Magenta Point Fine</b>
4	7	0-255	0-100	<b>Crossfade to color</b> White -> RGBW
*	8	0-255	0-100	<b>Crossfade to color Fine</b>
5	9	0-255	0-100	<b>Hue</b> 0° -> 360°
*	10	0-255	0-100	<b>Hue Fine</b>
6	11	0-255	0-100	<b>Saturation</b> 0% -> 100%
*	12	0-255	0-100	<b>Saturation Fine</b>
7	13	0-9 10-57 58-105 106-153 154-201 202-249 250-255	0-3 4-22 23-41 42-60 61-78 79-97 99-100	<b>Fan Control</b> Controlled by fixture cooling mode Whisper mode Variable Speed, slow to fast Auto Silent High Power Fan Off
8	14	0-255	0-100	<b>Preset</b> Refer to Preset table
9	15	0-19 20-255	0-7 8-100	<b>Light Strobe</b> No Flash 1 flash/s to 25 flashes/s
10	16	0-255	0-255	<b>Reserved</b>

**5400 COLOR PANEL-CE**

RGBW Mode: 8 Bit / 16 Bit

version 1.0 /Release

8 bit	16 bit	Value	Percent	Function
1	1	0-255	0-100	Dimmer Closed -> Open
*	2	0-255	0-100	Dimmer Fine
2	3	0-255	0-100	Intensity Red 0% -> 100%
*	4	0-255	0-100	Intensity Red Fine
3	5	0-255	0-100	Intensity Green 0% -> 100%
*	6	0-255	0-100	Intensity Green Fine
4	7	0-255	0-100	Intensity Blue 0% -> 100%
*	8	0-255	0-100	Intensity Blue Fine
5	9	0-255	0-100	Intensity White 0% -> 100%
*	10	0-255	0-100	Intensity White Fine
6	11	0-9 10-57 58-105 106-153 154-201 202-249 250-255	0-3 4-22 23-41 42-60 61-78 79-97 99-100	Fan Control Controlled by fixture cooling mode Whisper mode Vairable Speed, slow to fast Auto Silent High Power Fan Off
7	12	0-255	0-100	Preset Refer to Preset table
8	13	0-19 20-255	0-7 8-100	Light Strobe No Flash 1 flash/s to 25 flashes/s
9	14	0-255	0-255	Reserved

**5400 COLOR PANEL-CE**

HSI Mode: 8 Bit / 16 Bit

version 1.0 /Release

8 bit	16 bit	Value	Percent	Function
1	1	0-255	0-100	<b>Dimmer</b> Closed -> Open
*	2	0-255	0-100	<b>Dimmer Fine</b>
2	3	0-255	0-100	<b>Hue</b> 0° -> 360°
*	4	0-255	0-100	<b>Hue Fine</b>
3	5	0-255	0-100	<b>Saturation</b> 0% -> 100%
*	6	0-255	0-100	<b>Saturation Fine</b>
4	7	0-9 10-57 58-105 106-153 154-201 202-249 250-255	0-3 4-22 23-41 42-60 61-78 79-97 99-100	<b>Fan Control</b> Controlled by fixture cooling mode Whisper mode Vairable Speed, slow to fast Auto Silent High Power Fan Off
5	8	0-255	0-100	<b>Preset</b> Refer to Preset table
6	9	0-19 20-255	0-7 8-100	<b>Light Strobe</b> No Flash 1 flash/s to 25 flashes/s
7	10	0-255	0-255	<b>Reserved</b>

**5400 COLOR PANEL-CE**

GEL Mode: 8 Bit / 16 Bit (Page 1/2)

version 1.0 /Release

8 bit	16 bit	Value	Percent	Function
1	1	0-255	0-100	<b>Dimmer</b> Closed -> Open
*	2	0-255	0-100	<b>Dimmer Fine</b>
2	3	0-127 128-255	0-50 51-100	<b>GEL 1, CCT Selection</b> 3,200 K 5,600 K
3	4	0-84 85-170 171-255	0-33 34-67 68-100	<b>GEL 1, Color Matching Selection</b> Best Color Brightest No Color Gel
4	5	0-127 128-255	0-50 51-100	<b>GEL 1, Brand Selection</b> Rosco Lee Filters
5	6	0-50 51-101 102-152 153-203 204-255	0-20 21-39 40-60 61-80 81-100	<b>GEL 1, Category</b> Category 1 (Rosco: Color correction) (LEE: Color correction) Category 2 (Rosco: CalColor) (LEE: Color Filters) Category 3 (Rosco: Storaro Selection) (LEE: 600 Series) Category 4 (Rosco: Cinelux) (LEE: Cosmetic Filters) Category 5 (LEE: 700 Series)
6	7	0-255	0-100	<b>GEL 1</b> See tables
7	8	0-255	0-100	<b>Crossfade to Gel</b> Gel 1 -> Gel 2
*	9	0-255	0-100	<b>Crossfade to Gel Fine</b>
8	10	0-127 128-255	0-50 51-100	<b>GEL 2, CCT Selection</b> 3,200 K 5,600 K
9	11	0-84 85-170 171-255	0-33 34-67 68-100	<b>GEL 2, Color Matching Selection</b> Best Color Brightest No Color Gel
10	12	0-127 128-255	0-50 51-100	<b>GEL 2, Brand Selection</b> Rosco Lee Filters
11	13	0-50 51-101	0-20 21-39	<b>GEL 3, Category</b> Category 1 (Rosco: Color correction) (LEE: Color correction) Category 2 (Rosco: CalColor)

**5400 COLOR PANEL-CE**

GEL Mode: 8 Bit / 16 Bit (Page 2/2)

version 1.0 /Release

8 bit	16 bit	Value	Percent	Function
11	13	102-152	40-60	<b>GEL 3, Category</b> (LEE: Color Filters) Category 3 (Rosco: Storar Selection) (LEE: 600 Series)
		153-203	61-80	Category 4 (Rosco: Cinelux) (LEE: Cosmetic Filters)
		204-255	81-100	Category 5 (LEE: 700 Series)
12	14	0-255	0-100	<b>GEL 2</b> See tables
13	15	0-51	0-20	<b>Gel Transition Type</b> Direct
		52-102	21-40	Through White Point
		103-153	41-60	Through Black Point
		154-204	61-80	Over White Point
		205-255	81-100	Under White Point
14	16	0-9	0-3	<b>Fan Control</b> Controlled by fixture cooling mode
		10-57	4-22	Whisper mode
		58-105	23-41	Vairable Speed, slow to fast
		106-153	42-60	Auto
		154-201	61-78	Silent
		202-249	79-97	High Power
		250-255	99-100	Fan Off
15	17	0-255	0-100	<b>Preset</b> Refer to Preset table
16	18	0-19	0-7	<b>Light Strobe</b> No Flash
		20-255	8-100	1 flash/s to 25 flashes/s
17	19	0-255	0-255	<b>Reserved</b>



# 5400 COLOR PANEL-CE

Effect Mode: 8 Bit / 16 Bit (Page 1/2)

version 1.0 /Release

8 bit	16 bit	Value	Percent	Function
1	1	0-255	0-100	Dimmer Closed -> Open
*	2	0-255	0-100	Dimmer Fine
2	3	0-9	0-4	Effect Selection No Effect
		10-19	5-7	Party Effect
		20-29	8-11	Candle
		30-39	12-15	Clouds Passing
		40-49	16-19	Club Lights
		50-59	20-23	Color Chase
		60-69	24-27	Cop Car
		70-79	28-31	Fire
		80-89	32-35	Fireworks
		90-99	36-39	Light Strobe
		100-109	40-43	Lightening
		110-119	44-47	Paparazzi
		120-129	48-51	Pulsing
		130-139	52-55	Television
		140-149	56-58	Explosion
		150-159	59-62	Flourescent Flicker
		160-169	63-66	Process Effect
170-179	67-70	Welding		
180-255	71-100	Reserved		
3	4	0-255	0-100	Effect Parameter 1 See tables
*	5	0-255	0-100	Effect Parameter 1 Fine
4	6	0-255	0-100	Effect Parameter 2 See tables
*	7	0-255	0-100	Effect Parameter 2 Fine
5	8	0-255	0-100	Effect Parameter 3 See tables
*	9	0-255	0-100	Effect Parameter 3 Fine
6	10	0-255	0-100	Effect Parameter 4 See tables
*	11	0-255	0-100	Effect Parameter 4 Fine
7	12	0-255	0-100	Effect Parameter 5 See tables
*	13	0-255	0-100	Effect Parameter 5 Fine
8	14	0-255	0-100	Effect Parameter 6 See tables
*	15	0-255	0-100	Effect Parameter 6 Fine
9	16	0-255	0-100	Effect Parameter 7 See tables
*	17	0-255	0-100	Effect Parameter 7 Fine
10	18	0-9	0-3	Fan Control Controlled by fixture cooling mode
		10-57	4-22	Whisper mode
		58-105	23-41	Vairable Speed, slow to fast
		106-153	42-60	Auto

**5400 COLOR PANEL-CE**

Effect Mode: 8 Bit / 16 Bit (Page 2/2)

version 1.0 /Release

8 bit	16 bit	Value	Percent	Function
10	18	154-201 202-249 250-255	61-78 79-97 99-100	<b>Fan Control</b> Silent High Power Fan Off
11	19	0-255	0-100	<b>Preset</b> Refer to Preset table
12	20			<b>Reserved</b>
13	21			<b>Reserved</b>

**5400 COLOR PANEL-CE**

x,y Coordinates Mode: 8 Bit / 16 Bit

version 1.0 /Release

8 bit	16 bit	Value	Percent	Function
1	1	0-255	0-100	<b>Dimmer</b> Closed -> Open
*	2	0-255	0-100	<b>Dimmer Fine</b>
2	3	0-255	0-100	<b>X1 Coordintate</b> 0.0 -> 0.8
*	4	0-255	0-100	<b>X1 Coordintate Fine</b>
3	5	0-255	0-100	<b>Y1 Coordintate</b> 0.0 -> 0.8
*	6	0-255	0-100	<b>Y1 Coordintate Fine</b>
4	7	0-255	0-100	<b>Crossfade to Color</b> X1, Y1 -> X2, Y2
*	8	0-255	0-100	<b>Crossfade to Color Fine</b>
5	9	0-255	0-100	<b>X2 Coordintate</b> 0.0 -> 0.8
*	10	0-255	0-100	<b>X2 Coordintate Fine</b>
6	11	0-255	0-100	<b>Y2 Coordintate</b> 0.0 -> 0.8
*	12	0-255	0-100	<b>Y2 Coordintate Fine</b>
7	13	0-51 52-102 103-153 154-204 205-255	0-20 21-40 41-60 61-80 81-100	<b>Transition Type</b> Direct Through White Point Throught Black Point Over White Point Under White Point
8	14	0-9 10-57 58-105 106-153 154-201 202-249 250-255	0-3 4-22 23-41 42-60 61-78 79-97 99-100	<b>Fan Control</b> Controlled by fixture cooling mode Whisper mode Vairable Speed, slow to fast Auto Silent High Power Fan Off
9	15	0-255	0-100	<b>Preset</b> Refer to Preset table
10	16	0-19 20-255	0-7 8-100	<b>Light Strobe</b> No Flash 1 flash/s to 25 flashes/s
11	17	0-255	0-255	<b>Reserved</b>