

STARK400













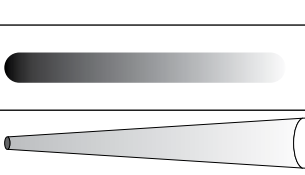
DMX CONTROL

V1.2.00 and above				V2.1.00 and above	STARK 400 FUNCTION	DMX Value
Wash	FX	Pixfx	Fx-16bit	Ring		
1	1	1	1	1	PAN 0~100%	000 - 255
2	2	2	2	2	PAN FINE 0~100%	000 - 255
3	3	3	3	3	TILT 0~100%	000 - 255
4	4	4	4	4	TILT FINE 0~100%	000 - 255
5	5	5	5	5	MOVMENT SPEED Fastest to slowest Movement with Blackout	000 - 247 248 - 255
6	6	6	6	6	SHUTTER Closed Strobe effect slow to fast Open 1 Pulse-effect in sequences Open 2 Random strobe effect slow to fast Open 3	000 - 010 011 - 082 083 - 093 094 - 163 164 - 174 175 - 244 245 - 255
7	7	7	7	7	DIMMER Dimmer 0% ~ 100%	000 - 255
			8		DIMMER FINE Dimmer 0% ~ 100%	
	8	8	9	8	DIMMER FADE Snap to Fade	000 - 255
8	9	9	10	9	VIRTUAL COLOR FUNCTION No Function White presets Forward Spin Reverse Spin Continuous Color Bounce TBD	000 - 015 016 - 031 032 - 047 048 - 063 064 - 079 080 - 111 112 - 255
9	10	10	11	10	VIRTUAL COLOR 1 White Presets White 2000K ~ 2700K White 2700K ~ 3200K White 3200K ~ 4200K White 4200K ~ 5600K White 5600K ~ 8000K White 8000K ~ 10000K Forward Spin Rainbow Effect (Slow to Fast)	000 - 155 156 - 175 176 - 195 196 - 215 216 - 235 236 - 255 000 - 255

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V1.2.00 and above				V2.1.00 and above	STARK 400 FUNCTION	DMX Value	
Wash	FX	Pixfx	Fx-16bit	Ring			
9	10	10	11	10	Reverse Spin	000 - 255	
					Rainbow Effect (Slow to Fast)		
					Continuous		
					Black		000 - 000
					Red		001 - 013
					Green		014 - 027
					Blue		028 - 041
					White		042 - 055
					Pastel Red		056 - 069
					Pastel Green		070 - 083
					Pastel Blue		084 - 097
					Cyan		098 - 111
					Magenta		112 - 125
					Yellow		126 - 139
					Light Yellow		140 - 153
					Light Blue		154 - 167
					Light Magenta		168 - 181
					Full White		182 - 195
Full White ~ White 3200K	196 - 225						
White 3200K ~ White 4200K	226 - 240						
White 4200K ~ White 5600K	241 - 255						
10	11	11	12	11	VIRTUAL COLOR 2 (Only on Color Bounce)		
					Color Bounce		
					Black		000 - 000
					Red		001 - 013
					Green		014 - 027
					Blue		028 - 041
					White		042 - 055
					Pastel Red		056 - 069
					Pastel Green		070 - 083
					Pastel Blue		084 - 097
					Cyan		098 - 111
					Magenta		112 - 125
					Yellow		126 - 139
					Light Yellow		140 - 153
					Light Blue		154 - 167
					Light Magenta		168 - 181
					Full White		182 - 195
					Full White ~ White 3200K		196 - 225
White 3200K ~ White 4200K	226 - 240						
White 4200K ~ White 5600K	241 - 255						

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V1.2.00 and above				V2.1.00 and above	STARK 400 FUNCTION	DMX Value
Wash	FX	Pixfx	Fx-16bit	Ring		
11	12		13		RED-AII 0~100% 	000 - 255
12	13		14		GREEN -AII 0~100% 	000 - 255
13	14		15		BLUE-AII 0~100% 	000 - 255
14	15		16		WHITE-AII 0~100% 	000 - 255
				12	RED ZONE 1 0~100% 	000 - 255
				13	GREEN ZONE 1 0~100% 	000 - 255
				14	BLUE ZONE 1 0~100% 	000 - 255
				15	WHITE ZONE 1 0~100% 	000 - 255
				16	RED ZONE 2 0~100% 	000 - 255
				17	GREEN ZONE 2 0~100% 	000 - 255
				18	BLUE ZONE 2 0~100% 	000 - 255
				19	WHITE ZONE 2 0~100% 	000 - 255
15	16	12	17	20	ZOOM Big to Small 	000 - 255

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V1.2.00 and above				V2.1.00 and above	STARK 400 FUNCTION	DMX Value
Wash	FX	Pixfx	Fx-16bit	Ring		
					PATTERNS	
					No Pattern	000 - 015
					Static Pattern	
					Static mode	016 - 031
					Dynamic Pattern Selection	
					Dynamic Pattern 1	032 - 035
					Dynamic Pattern 2	036 - 040
					Dynamic Pattern 3	041 - 045
					Dynamic Pattern 4	046 - 050
					Dynamic Pattern 5	051 - 055
					Dynamic Pattern 6	056 - 060
					Dynamic Pattern 7	061 - 065
					Dynamic Pattern 8	066 - 070
					Dynamic Pattern 9	071 - 075
					Dynamic Pattern 10	076 - 080
					Dynamic Pattern 11	081 - 085
					Dynamic Pattern 12	086 - 090
					Dynamic Pattern 13	091 - 095
					Dynamic Pattern 14	096 - 100
					Dynamic Pattern 15	101 - 105
					Dynamic Pattern 16	106 - 110
					Dynamic Pattern 17	111 - 115
					Dynamic Pattern 18	116 - 120
	17	13	18	21	Dynamic Pattern 19	121 - 125
					Dynamic Pattern 20	126 - 130
					Dynamic Pattern 21	131 - 135
					Dynamic Pattern 22	136 - 140
					Dynamic Pattern 23	141 - 145
					Dynamic Pattern 24	146 - 150
					Dynamic Pattern 25	151 - 155
					Dynamic Pattern 26	156 - 160
					Dynamic Pattern 27	161 - 165
					Dynamic Pattern 28	166 - 170
					Dynamic Pattern 29	171 - 175
					Dynamic Pattern 30	176 - 180
					Dynamic Pattern 31	181 - 185
					Dynamic Pattern 32	186 - 190
					Dynamic Pattern 33	191 - 195
					Dynamic Pattern 34	196 - 200
					Dynamic Pattern 35	201 - 205
					Dynamic Pattern 36	206 - 210
					Dynamic Pattern 37	211 - 215
					Dynamic Pattern 38	216 - 220
					Dynamic Pattern 39	221 - 225
					Dynamic Pattern 40	226 - 230
					Random Pattern	
					Random	231 - 255

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V1.2.00 and above				V2.1.00 and above	STARK 400 FUNCTION	DMX Value
Wash	FX	Pixfx	Fx-16bit	Ring		
	18	14	19	22	PATTERN CONTROL Static Pattern Static Selection (When static mode is active) Dynamic Pattern (When dinamic patterns are active) Index Forward spin Stop Reverse spin	003 - 252 000 - 023 024 - 137 138 - 141 142 - 255
	19	15	20	23	Pattern transition Snap effect Fade effect	000 - 001 002 - 255
	20	16	21		FOREGROUND COLOR Black Red Green Blue White Pastel Red Pastel Green Pastel Blue Cyan Magenta Yellow Light Yellow Light BLue Light Magenta Full White Full White ~ White 3200K White 3200K ~ White 4200K White 4200K ~ White 5600K	000 - 000 001 - 013 014 - 027 028 - 041 042 - 055 056 - 069 070 - 083 084 - 097 098 - 111 112 - 125 126 - 139 140 - 153 154 - 167 168 - 181 182 - 195 196 - 225 226 - 240 241 - 255
	21	17	22	24	FOREGROUND DIMMER Dimmer 0% ~ 100%	000 - 255
	22	18	23	25	FOREGROUND STROBE Closed Strobe Open Random Open	000 - 010 011 - 163 164 - 174 175 - 243 244 - 255
	23	19	24		BACKGROUND COLOR Black Red Green Blue White Pastel Red Pastel Green Pastel BLue Cyan Magenta Yellow Light Yellow Light BLue Light Magenta Full White Full White ~ White 3200K White 3200K ~ White 4200K White 4200K ~ White 5600K	000 - 000 001 - 013 014 - 027 028 - 041 042 - 055 056 - 069 070 - 083 084 - 097 098 - 111 112 - 125 126 - 139 140 - 153 154 - 167 168 - 181 182 - 195 196 - 225 226 - 240 241 - 255

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V1.2.00 and above				V2.1.00 and above	STARK 400 FUNCTION	DMX Value
Wash	FX	Pixfx	Fx-16bit	Ring		
	24	20	25	26	BACKGROUND DIMMER Pattern background dimmer	000 - 255
	25	21	26	27	BACKGROUND STROBE Closed Strobe Open Random Open	000 - 010 011 - 163 164 - 174 175 - 243 244 - 255
				28	RING BACKGROUND RED 0~100%	000 - 255
				29	RING BACKGROUND GREEN 0~100%	000 - 255
				30	RING BACKGROUND BLUE 0~100%	000 - 255
				31	RING BACKGROUND WHITE 0~100%	000 - 255
16	26	22	27	32	CONTROL Normal Reset All Pan&Tilt Reset TBD Other Reset Display Off Display On TBD TBD Hibernation Theatre mode Off Theatre mode On Halogen = HB Halogen = 3200K Halogen = 5600K Halogen = 6000K TBD	000 - 007 008 - 015 016 - 023 024 - 047 048 - 055 056 - 063 064 - 071 072 - 079 080 - 087 088 - 095 096 - 103 104 - 111 112 - 119 120 - 127 128 - 135 136 - 143 144 - 255
		23			RED 1 0~100%	000 - 255
		24			GREEN 1 0~100%	000 - 255
		25			BLUE 1 0~100%	000 - 255
		26			WHITE 1 0~100%	000 - 255
		
		47			RED 7 0~100%	000 - 255
		48			GREEN 7 0~100%	000 - 255
		49			BLUE 7 0~100%	000 - 255
		50			WHITE 7 0~100%	000 - 255

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OLD DMX CONTROL

V1.1.00			V1.0.00			STARK 400 FUNCTION	DMX Value
Wash	FX	Pixfx	Stt	Ex	Bas		
1	1	1	1	1	1	PAN 0~100%	000 - 255
2	2	2	2	2	2	PAN FINE 0~100%	000 - 255
3	3	3	3	3	3	TILT 0~100%	000 - 255
4	4	4	4	4	4	TILT FINE 0~100%	000 - 255
5	5	5	5	5	5	MOVMENT SPEED Fastest to slowest Movement with Blackout	000 - 247 248 - 255
6	6	6	6	6	6	SHUTTER Closed Strobe effect slow to fast Open 1 Pulse-effect in sequences Open 2 Random strobe effect slow to fast Open 3	000 - 010 011 - 082 083 - 093 094 - 163 164 - 174 175 - 244 245 - 255
7	7	7	7	7	7	DIMMER Dimmer 0% ~ 100%	000 - 255
						DIMMER FINE Dimmer 0% ~ 100%	
	8	8	20	16		DIMMER FADE Snap to Fade	000 - 255
8	9	9	8	8	8	COLOR FUNCTION No Function White presets Forward Spin Reverse Spin Continuous Color Bounce TBD	000 - 015 016 - 031 032 - 047 048 - 063 064 - 079 080 - 111 112 - 255
9	10	10	9	9	9	VIRTUAL COLOR 1 White Presets White 2000K ~ 2700K White 2700K ~ 3200K White 3200K ~ 4200K White 4200K ~ 5600K White 5600K ~ 8000K White 8000K ~ 10000K Forward Spin Rainbow Effect (Slow to Fast)	000 - 155 156 - 175 176 - 195 196 - 215 216 - 235 236 - 255 000 - 255

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V1.1.00			V1.0.00			STARK 400 FUNCTION	DMX Value	
Wash	FX	Pixfx	STt	Ex	Bas			
9	10	10	9	9	9	Reverse Spin	000 - 255	
						Rainbow Effect (Slow to Fast)		
						Continuous		
						Black		000 - 000
						Red		001 - 013
						Green		014 - 027
						Blue		028 - 041
						White		042 - 055
						Pastel Red		056 - 069
						Pastel Green		070 - 083
						Pastel BLue		084 - 097
						Cyan		098 - 111
						Magenta		112 - 125
						Yellow		126 - 139
						Light Yellow		140 - 153
						Light BLue		154 - 167
						Light Magenta		168 - 181
Full White	182 - 195							
Full White ~ White 3200K	196 - 225							
White 3200K ~ White 4200K	226 - 240							
White 4200K ~ White 5600K	241 - 255							
10	11	11	10	10	10	VIRTUAL COLOR 2 (Only on Color Bounce)	000 - 000	
						Color Bounce		
						Black		001 - 013
						Red		014 - 027
						Green		028 - 041
						Blue		042 - 055
						White		056 - 069
						Pastel Red		070 - 083
						Pastel Green		084 - 097
						Pastel BLue		098 - 111
						Cyan		112 - 125
						Magenta		126 - 139
						Yellow		140 - 153
						Light Yellow		154 - 167
						Light BLue		168 - 181
						Light Magenta		182 - 195
						Full White		196 - 225
Full White ~ White 3200K	226 - 240							
White 3200K ~ White 4200K	241 - 255							
White 4200K ~ White 5600K								
11	12		11		11	RED-All 0~100% 	000 - 255	
12	13		12		12	GREEN -All 0~100% 	000 - 255	
13	14		13		13	BLUE-All 0~100% 	000 - 255	

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V1.1.00			V1.0.00			STARK 400 FUNCTION	DMX Value
Wash	FX	Pixfx	STt	Ex	Bas		
14	15		14		14	WHITE-All 0~100% 	000 - 255
15	16	12	15	11	15	ZOOM Big to Small 	000 - 255
						PATTERN No Pattern Static Pattern Static mode Dynamic Pattern Selection	000 - 015
						Dynamic Pattern 1	016 - 031
						Dynamic Pattern 2	032 - 035
						Dynamic Pattern 3	036 - 040
						Dynamic Pattern 4	041 - 045
						Dynamic Pattern 5	046 - 050
						Dynamic Pattern 6	051 - 055
						Dynamic Pattern 7	056 - 060
						Dynamic Pattern 8	061 - 065
						Dynamic Pattern 9	066 - 070
						Dynamic Pattern 10	071 - 075
						Dynamic Pattern 11	076 - 080
						Dynamic Pattern 12	081 - 085
						Dynamic Pattern 13	086 - 090
						Dynamic Pattern 14	091 - 095
						Dynamic Pattern 15	096 - 100
						Dynamic Pattern 16	101 - 105
						Dynamic Pattern 17	106 - 110
						Dynamic Pattern 18	111 - 115
						Dynamic Pattern 19	116 - 120
	21	17	18	14		Dynamic Pattern 20	121 - 125
						Dynamic Pattern 21	126 - 130
						Dynamic Pattern 22	131 - 135
						Dynamic Pattern 23	136 - 140
						Dynamic Pattern 24	141 - 145
						Dynamic Pattern 25	146 - 150
						Dynamic Pattern 26	151 - 155
						Dynamic Pattern 27	156 - 160
						Dynamic Pattern 28	161 - 165
						Dynamic Pattern 29	166 - 170
						Dynamic Pattern 30	171 - 175
						Dynamic Pattern 31	176 - 180
						Dynamic Pattern 32	181 - 185
						Dynamic Pattern 33	186 - 190
						Dynamic Pattern 34	191 - 195
						Dynamic Pattern 35	196 - 200
						Dynamic Pattern 36	201 - 205
						Dynamic Pattern 37	206 - 210
						Dynamic Pattern 38	211 - 215
						Dynamic Pattern 39	216 - 220
						Dynamic Pattern 40	221 - 225
						Random Pattern Random	226 - 230
						Random Pattern Random	231 - 255
						PATTERN CONTROL Static Pattern Static Selection (When static mode is active) Dynamic Pattern (When dinamic patterns are active)	003 - 252
	22	18	19	15		Index	000 - 023
						Forward spin	024 - 137
						Stop	138 - 141
						Reverse spin	142 - 255

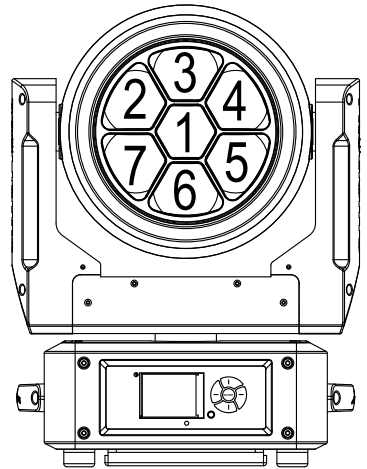
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V1.1.00			V1.0.00			STARK 400 FUNCTION	DMX Value
Wash	FX	Pixfx	Stt	Ex	Bas		
	17	13	16	12		FOREGROUND COLOR Black Red Green Blue White Pastel Red Pastel Green Pastel BLue Cyan Magenta Yellow Light Yellow Light BLue Light Magenta Full White Full White ~ White 3200K White 3200K ~ White 4200K White 4200K ~ White 5600K	000 - 003 004 - 013 014 - 027 028 - 041 042 - 055 056 - 069 070 - 083 084 - 097 098 - 111 112 - 125 126 - 139 140 - 153 154 - 167 168 - 181 182 - 195 196 - 225 226 - 240 241 - 255
	18	14				FOREGROUND DIMMER Dimmer 0% ~ 100%	000 - 255
	19	15	17	13		BACKGROUND NO function Background color	000 - 001 002 - 255
	20	16				BACKGROUND DIMMER Pattern background dimmer	000 - 255
16	23	19	21	45	16	CONTROL Normal Reset All Pan&Tilt Reset TBD Other Reset Display Off Display On TBD TBD Hibernation Theatre mode Off Theatre mode On Halogen = HB Halogen = 3200K Halogen = 5600K Halogen = 6000K TBD	000 - 007 008 - 015 016 - 023 024 - 047 048 - 055 056 - 063 064 - 071 072 - 079 080 - 087 088 - 095 096 - 103 104 - 111 112 - 119 120 - 127 128 - 135 136 - 143 144 - 255
		20		17		RED 1 0~100%	000 - 255
		21		18		GREEN 1 0~100%	000 - 255
		22		19		BLUE 1 0~100%	000 - 255
		23		20		WHITE 1 0~100%	000 - 255
		
		44		41		RED 7 0~100%	000 - 255
		45		42		GREEN 7 0~100%	000 - 255
		46		43		BLUE 7 0~100%	000 - 255
		47		44		WHITE 7 0~100%	000 - 255

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CHANNEL FUNCTION

FUNCTION	STARK 400				
	WASH	FX	PIX-FX	FX16BIT	RING
PAN	1	1	1	1	1
PAN Fine	2	2	2	2	2
TILT	3	3	3	3	3
TILT Fine	4	4	4	4	4
P/T SPEED	5	5	5	5	5
SHUTTER	6	6	6	6	6
DIMMER	7	7	7	7	7
DIMMER FINE				8	
DIMMER FADE		8	8	9	8
COLOR FUNCTION	8	9	9	10	9
VIRTUAL COLOR 1	9	10	10	11	10
VIRTUAL COLOR 2	10	11	11	12	11
RED	11	12		13	
GREEN	12	13		14	
BLUE	13	14		15	
WHITE	14	15		16	
RED ZONE 1					12
GREEN ZONE 1					13
BLUE ZONE 1					14
WHITE ZONE 1					15
RED ZONE 2					16
GREEN ZONE 2					17
BLUE ZONE 2					18
WHITE ZONE 2					19
ZOOM	15	16	12	17	20
PATTERN		17	13	18	21
PATTERN SPEED		18	14	19	22
PATTERN TRANSITION		19	15	20	23
FOREGROUND COLOR		20	16	21	
FOREGROUND DIMMER		21	17	22	24
FOREGROUND STROBE		22	18	23	25
BACKGROUND COLOR		23	19	24	
BACKGROUND DIMMER		24	20	25	26
BACKGROUND STROBE		25	21	26	27
RING BACKGROUND RED					28
RING BACKGROUND GREEN					29
RING BACKGROUND BLUE					30
RING BACKGROUND WHITE					31



STARK400
PIXEL MAPPING LAYOUT

STARK400

FUNCTION	STARK 400				
	WASH	FX	PIX-FX	FX16BIT	RING
CONTROL	16	26	22	27	32
RED PIXEL 1			23		
GREEN PIXEL 1			24		
BLUE PIXEL 1			25		
WHITE PIXEL 1			26		
PIXELS 2~6			27~46		
RED PIXEL 7			47		
GREEN PIXEL 7			48		
BLUE PIXEL 7			49		
WHITE PIXEL 7			50		