


















## DMX CONTROL

STARK1000						
V1.2.00 and above			V2.0.04 and above	V2.1.00 and above	STARK 1000 FUNCTION	DMX Value
Wash	FX	Pixfx	Fx-16bit	Ring		
1	1	1	1	1	<b>PAN</b> Pan coarse 0~100%	000 - 255
2	2	2	2	2	<b>PAN fine</b> 0~100%	000 - 255
3	3	3	3	3	<b>TILT</b> 0~100%	000 - 255
4	4	4	4	4	<b>TILT Fine</b> 0~100%	000 - 255
5	5	5	5	5	<b>MOVEMENT SPEED</b> Fastest to slowest Movement with Blackout	000 - 247 248 - 255
6	6	6	6	6	<b>SHUTTER</b> Shutter closed Strobe effect slow to fast Shutter open 1 Pulse-effect in sequences Shutter open 2 Random strobe effect slow to fast Shutter open 3	000 - 010 011 - 082 083 - 093 094 - 163 164 - 174 175 - 244 245 - 255
7	7	7	7	7	<b>DIMMER</b> Dimmer 0% ~ 100%	000 - 255
			8		<b>DIMMER FINE</b> Dimmer fine 0% ~ 100%	
	8	8	9	8	<b>DIMMER FADE</b> Snap 0% to 100% fade out	000 - 255
8	9	9	10	9	<b>COLOR FUNCTION</b> No Function White presets function Forward Spin Reverse Spin Continuous Color Bounce Function TBD	000 - 015 016 - 031 032 - 047 048 - 063 064 - 079 080 - 111 112 - 255
9	10	10	11	10	<b>VIRTUAL COLOR 1</b> <b>White Presets</b> White 2000K ~ 2700K White 2700K ~ 3200K White 3200K ~ 4200K White 4200K ~ 5600K White 5600K ~ 8000K White 8000K ~ 10000K <b>Forward Spin</b> Rainbow Effect (Slow to Fast) <b>Reverse Spin</b> Rainbow Effect (Slow to Fast)	000 - 155 156 - 175 176 - 195 196 - 215 216 - 235 236 - 255  000 - 255  000 - 255

# STARK 1000

STARK1000						
V1.2.00 and above			V2.0.04 and above	V2.1.00 and above	STARK 1000 FUNCTION	DMX Value
Wash	FX	Pixfx	Fx-16bit	Ring		
9	10	10	11	10	<b>Continuous &amp; Color Bounce</b> 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 - 235 236 - 255
10	11	11	12	11	<b>VIRTUAL COLOR 2 (When Color Bounce Function is active)</b> <b>Color Bounce</b> 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 - 235 236 - 255
11	12		13		<b>RED</b> 0~100% 	000 - 255
12	13		14		<b>GREEN</b> 0~100% 	000 - 255
13	14		15		<b>BLUE</b> 0~100% 	000 - 255
14	15		16		<b>WHITE</b> 0~100% 	000 - 255

# STARK 1000

STARK1000						
V1.2.00 and above			V2.0.04 and above	V2.1.00 and above	STARK 1000 FUNCTION	DMX Value
Wash	FX	Pixfx	Fx-16bit	Ring		
				12	<b>RED ZONE 1</b> 0~100% 	000 - 255
				13	<b>GREEN ZONE 1</b> 0~100% 	000 - 255
				14	<b>BLUE ZONE 1</b> 0~100% 	000 - 255
				15	<b>WHITE ZONE 1</b> 0~100% 	000 - 255
				16	<b>RED ZONE 2</b> 0~100% 	000 - 255
				17	<b>GREEN ZONE 2</b> 0~100% 	000 - 255
				18	<b>BLUE ZONE 2</b> 0~100% 	000 - 255
				19	<b>WHITE ZONE 2</b> 0~100% 	000 - 255
				20	<b>RED ZONE 3</b> 0~100% 	000 - 255
				21	<b>GREEN ZONE 3</b> 0~100% 	000 - 255
				22	<b>BLUE ZONE 3</b> 0~100% 	000 - 255
				23	<b>WHITE ZONE 3</b> 0~100% 	000 - 255
15	16	12	17	24	<b>ZOOM</b> Big to Small 	000 - 255
					<b>PATTERNS</b>	
					No Pattern	000 - 015
					<b>Static Pattern</b>	
					Static mode	016 - 031
					<b>Dynamic Pattern Selection</b>	
					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
	17	13	18	25		

# STARK 1000

STARK1000						
V1.2.00 and above			V2.0.04 and above	V2.1.00 and above	STARK 1000 FUNCTION	DMX Value
Wash	FX	Pixfx	Fx-16bit	Ring		
	17	13	18	25	Dynamic Pattern 11 Dynamic Pattern 12 Dynamic Pattern 13 Dynamic Pattern 14 Dynamic Pattern 15 Dynamic Pattern 16 Dynamic Pattern 17 Dynamic Pattern 18 Dynamic Pattern 19 Dynamic Pattern 20 Dynamic Pattern 21 Dynamic Pattern 22 Dynamic Pattern 23 Dynamic Pattern 24 Dynamic Pattern 25 Dynamic Pattern 26 Dynamic Pattern 27 Dynamic Pattern 28 Dynamic Pattern 29 Dynamic Pattern 30 Dynamic Pattern 31 Dynamic Pattern 32 Dynamic Pattern 33 Dynamic Pattern 34 Dynamic Pattern 35 Dynamic Pattern 36 Dynamic Pattern 37 Dynamic Pattern 38 Dynamic Pattern 39 Dynamic Pattern 40  <b>Random Pattern</b> Random	081 - 085 086 - 090 091 - 095 096 - 100 101 - 105 106 - 110 111 - 115 116 - 120 121 - 125 126 - 130 131 - 135 136 - 140 141 - 145 146 - 150 151 - 155 156 - 160 161 - 165 166 - 170 171 - 175 176 - 180 181 - 185 186 - 190 191 - 195 196 - 200 201 - 205 206 - 210 211 - 215 216 - 220 221 - 225 226 - 230  231 - 255
	18	14	19	26	<b>PATTERN CONTROL</b> <b>Static Patterns</b> Static Selection ( When static mode is active) <b>Dynamic Control (When dynamic patterns are active)</b> Index Forward spin Stop Reverse spin	003 - 252  000 - 023 024 - 137 138 - 141 142 - 255

# STARK 1000

STARK1000						
V1.2.00 and above			V2.0.04 and above	V2.1.00 and above	STARK 1000 FUNCTION	DMX Value
Wash	FX	Pixfx	Fx-16bit	Ring		
	19	15	20	27	<b>DIMMER Transition</b> Dimmer 0% ~ 100%	000 - 255
	20	16	21		<b>FOREGROUND COLOR</b> 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
	21	17	22	28	<b>FOREGROUND DIMMER</b> Dimmer 0% ~ 100%	000 - 255
	22	18	23	29	<b>FOREGROUND SHUTTER</b> Shutter closed Strobe effect slow to fast No function (shutter open) Random strobe effect slow to fast No function (shutter open)	000 - 010 011 - 163 164 - 174 175 - 244 245 - 255
	23	19	24		<b>BACKGROUND COLOR</b> 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

# STARK 1000

STARK1000								
V1.2.00 and above			V2.0.04 and above	V2.1.00 and above	STARK 1000 FUNCTION		DMX Value	
Wash	FX	Pixfx	Fx-16bit	Ring				
	24	20	25	30	BACKGROUND DIMMER Dimmer 0% ~ 100%		000 - 255	
	25	21	26	31	BACKGROUND SHUTTER Shutter closed Strobe effect slow to fast No function (shutter open) Random strobe effect slow to fast No function (shutter open)		000 - 010 011 - 163 164 - 174 175 - 244 245 - 255	
				32	RING BACKGROUND RED 0~100%		000 - 255	
				33	RING BACKGROUND GREEN 0~100%		000 - 255	
				34	RING BACKGROUND BLUE 0~100%		000 - 255	
				35	RING BACKGROUND WHITE 0~100%		000 - 255	
16	26	22	27	36	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			PIXEL1		0~100% RED	000 - 255
		24					0~100% GREEN	000 - 255
		25					0~100% BLUE	000 - 255
		26					0~100% WHITE	000 - 255
					...		...	
		95			PIXEL19		0~100% RED	000 - 255
		96					0~100% GREEN	000 - 255
		97					0~100% BLUE	000 - 255
		98					0~100% WHITE	000 - 255

# STARK 1000

## DMX CHANNELS OLD VERSION

V1.1.00			V1.0.00			STARK 1000 FUNCTION	DMX Value
1.1 Wash	1.1 FX	1.1 Pixfx	1.0 St	1.0 Ex	1.0 Ba		
1	1	1	1	1	1	<b>PAN</b> Pan coarse 0~100%	000 - 255
2	2	2	2	2	2	<b>PAN fine</b> 0~100%	000 - 255
3	3	3	3	3	3	<b>TILT</b> 0~100%	000 - 255
4	4	4	4	4	4	<b>TILT Fine</b> 0~100%	000 - 255
5	5	5	5	5	5	<b>MOVEMENT SPEED</b> Fastest to slowest Movement with Blackout	000 - 247 248 - 255
6	6	6	6	6	6	<b>SHUTTER</b> Shutter closed Strobe effect slow to fast Shutter open 1 Pulse-effect in sequences Shutter open 2 Random strobe effect slow to fast Shutter open 3	000 - 010 011 - 082 083 - 093 094 - 163 164 - 174 175 - 244 245 - 255
7	7	7	7	7	7	<b>DIMMER</b> Dimmer 0% ~ 100%	000 - 255
	8	8	20	16		<b>DIMMER FADE</b> Snap 0% to 100% fade out	000 - 255
8	9	9	8	8	8	<b>COLOR FUNCTION</b> No Function White presets function Forward Spin Reverse Spin Continuous Color Bounce Function TBD	000 - 015 016 - 031 032 - 047 048 - 063 064 - 079 080 - 111 112 - 255
9	10	10	9	9	9	<b>VIRTUAL COLOR 1</b> <b>White Presets</b> White 2000K ~ 2700K White 2700K ~ 3200K White 3200K ~ 4200K White 4200K ~ 5600K White 5600K ~ 8000K White 8000K ~ 10000K <b>Forward Spin</b> Rainbow Effect (Slow to Fast) <b>Reverse Spin</b> Rainbow Effect (Slow to Fast)	000 - 155 156 - 175 176 - 195 196 - 215 216 - 235 236 - 255 000 - 255 000 - 255

# STARK 1000

V1.1.00			V1.0.00			STARK 1000 FUNCTION	DMX Value
1.1 Wash	1.1 FX	1.1 Pixfx	1.0 St	1.0 Ex	1.0 Ba		
9	10	10	9	9	9	<b>Continuous &amp; Color Bounce</b> 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 - 235 236 - 255
10	11	11	10	10	10	<b>VIRTUAL COLOR 2 (When Color Bounce Function is active)</b> <b>Color Bounce</b> 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
11	12		11		11	<b>RED</b> 0~100% 	000 - 255
12	13		12		12	<b>GREEN</b> 0~100% 	000 - 255
13	14		13		13	<b>BLUE</b> 0~100% 	000 - 255
14	15		14		14	<b>WHITE</b> 0~100% 	000 - 255
15	16	12	15	11	15	<b>ZOOM</b> Big to Small 	000 - 255



# STARK 1000

V1.1.00			V1.0.00			STARK 1000 FUNCTION	DMX Value
1.1 Wash	1.1 FX	1.1 Pixfx	1.0 St	1.0 Ex	1.0 Ba		
						<b>PATTERNS</b> No Pattern <b>Static Pattern</b> Static mode <b>Dynamic Pattern Selection</b> Dynamic Pattern 1 Dynamic Pattern 2 Dynamic Pattern 3 Dynamic Pattern 4 Dynamic Pattern 5 Dynamic Pattern 6 Dynamic Pattern 7 Dynamic Pattern 8 Dynamic Pattern 9 Dynamic Pattern 10 Dynamic Pattern 11 Dynamic Pattern 12 Dynamic Pattern 13 Dynamic Pattern 14 Dynamic Pattern 15 Dynamic Pattern 16 Dynamic Pattern 17 Dynamic Pattern 18 Dynamic Pattern 19 Dynamic Pattern 20 Dynamic Pattern 21 Dynamic Pattern 22 Dynamic Pattern 23 Dynamic Pattern 24 Dynamic Pattern 25 Dynamic Pattern 26 Dynamic Pattern 27 Dynamic Pattern 28 Dynamic Pattern 29 Dynamic Pattern 30 Dynamic Pattern 31 Dynamic Pattern 32 Dynamic Pattern 33 Dynamic Pattern 34 Dynamic Pattern 35 Dynamic Pattern 36 Dynamic Pattern 37 Dynamic Pattern 38 Dynamic Pattern 39 Dynamic Pattern 40	000 - 015  016 - 031  032 - 035 036 - 040 041 - 045 046 - 050 051 - 055 056 - 060 061 - 065 066 - 070 071 - 075 076 - 080 081 - 085 086 - 090 091 - 095 096 - 100 101 - 105 106 - 110 111 - 115 116 - 120 121 - 125 126 - 130 131 - 135 136 - 140 141 - 145 146 - 150 151 - 155 156 - 160 161 - 165 166 - 170 171 - 175 176 - 180 181 - 185 186 - 190 191 - 195 196 - 200 201 - 205 206 - 210 211 - 215 216 - 220 221 - 225 226 - 230
	21	17	18	14		<b>Random Pattern</b> Random	231 - 255

# STARK 1000

V1.1.00			V1.0.00			STARK 1000 FUNCTION	DMX Value
1.1 Wash	1.1 FX	1.1 Pixfx	1.0 St	1.0 Ex	1.0 Ba		
	22	18	19	15		<b>PATTERN CONTROL</b> <b>Static Patterns</b> Static Selection ( When static mode is active) <b>Dynamic Control (When dynamic patterns are active)</b> Index Forward spin Stop Reverse spin	003 - 252  000 - 023 024 - 137 138 - 141 142 - 255
	17	13	16	12		<b>FOREGROUND COLOR</b> 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				<b>FOREGROUND DIMMER</b> Dimmer 0% ~ 100%	000 - 255

# STARK 1000

V1.1.00			V1.0.00			STARK 1000 FUNCTION	DMX Value
1.1 Wash	1.1 FX	1.1 Pixfx	1.0 St	1.0 Ex	1.0 Ba		
	19	15	17	13		<b>BACKGROUND COLOR</b> 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
	20	16				<b>BACKGROUND DIMMER</b> Dimmer 0% ~ 100%	000 - 255
16	23	19	21	93	16	<b>CONTROL</b> 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		PIXEL1	0~100% <b>RED</b> 000 - 255
		21		18			0~100% <b>GREEN</b> 000 - 255
		22		19			0~100% <b>BLUE</b> 000 - 255
		23		20			0~100% <b>WHITE</b> 000 - 255
						...	...
		92		89		PIXEL19	0~100% <b>RED</b> 000 - 255
		93		90			0~100% <b>GREEN</b> 000 - 255
		94		91			0~100% <b>BLUE</b> 000 - 255
		95		92			0~100% <b>WHITE</b> 000 - 255

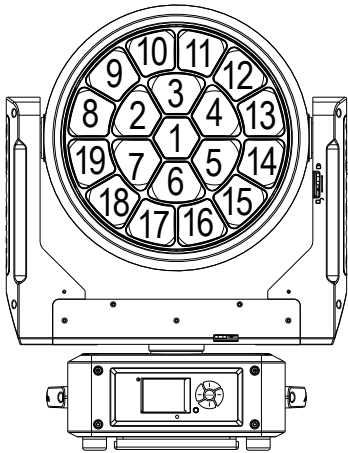
# STARK 1000

## CHANNEL FUNCTION

FUNCTION	STARK 1000										
	V1.2.00 and above				V2.1.00 and above	V1.1.00			V1.0.00		
	Wash	FX	Pixfx	Fx-16bit	Ring	1.1 Wash	1.1 FX	1.1 Pixfx	1.0 St	1.0 Ex	1.0 Ba
Pan	1	1	1	1	1	1	1	1	1	1	1
Pan Fine	2	2	2	2	2	2	2	2	2	2	2
Tilt	3	3	3	3	3	3	3	3	3	3	3
Tilt Fine	4	4	4	4	4	4	4	4	4	4	4
Movement Speed	5	5	5	5	5	5	5	5	5	5	5
Shutter	6	6	6	6	6	6	6	6	6	6	6
Dimmer	7	7	7	7	7	7	7	7	7	7	7
Dimmer Fine				8							
Dimmer Fade		8	8	9	8		8	8	20	16	
Virtual Color Function	8	9	9	10	9	8	9	9	8	8	8
Virtual Color1	9	10	10	11	10	9	10	10	9	9	9
Virtual Color2	10	11	11	12	11	10	11	11	10	10	10
Red-All	11	12		13		11	12		11		11
Green-All	12	13		14		12	13		12		12
Blue-All	13	14		15		13	14		13		13
White-All	14	15		16		14	15		14		14
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						
Red Zone 3					20						
Green Zone 3					21						
Blue Zone 3					22						
White Zone 3					23						
Zoom	15	16	12	17	24	15	16	12	15	11	15
Pattern		17	13	18	25		21	17	18	14	
Pattern Speed		18	14	19	26		22	18	19	15	
Dimmer Transition		19	15	20	27						
Foreground		20	16	21			17	13	16	12	
Foreground Dimmer		21	17	22	28		18	14			
Foreground Shutter		22	18	23	29						
Background		23	19	24			19	15	17	13	
Background Dimmer		24	20	25	30		20	16			
Background Shutter		25	21	26	31						
Ring Background Red					32						
Ring Background Green					33						
Ring Background Blue					34						
Ring Background White					35						
Control	16	26	22	27	36	16	23	19	21	93	16

# STARK 1000

FUNCTION	STARK 1000										
	V1.2.00 and above				V2.1.00 and above	V1.1.00			V1.0.00		
	Wash	FX	Pixfx	Fx-16bit	Ring	1.1 Wash	1.1 FX	1.1 Pixfx	1.0 St	1.0 Ex	1.0 Ba
Red 1			23					20		17	
Green 1			24					21		18	
Blue 1			25					22		19	
White 1			26					23		20	
...			...					...		...	
Red 19			95					92		89	
Green 19			96					93		90	
Blue 19			97					94		91	
White 19			98					95		92	



**STARK1000**  
PIXEL MAPPING LAYOUT