

F2 FC PLUS

PROFESSIONAL HIGH-POWER FRESNEL
WITH RGBAL LED · DMX CONTROL TABLE



1CH Dim User Color 1	2CH Dim 16Bit User Color 1		
Channel	Channel	Function	Values
1	1	Dimmer	000 - 255
	2	Dimmer fine	000 - 255
0% to 100%			

2CH CCT	4CH CCT			
Channel	Channel	Function	Values	
1	1	Dimmer	000 - 255	
	2	Dimmer fine	000 - 255	
0% to 100%				
2	3	Color Temperature	000 - 005	Off
			006 - 006	Warm white
			007 - 046	Warm white to 2700K
			047 - 047	Bulb White (2700K)
			048 - 087	2700K to 3200K
			088 - 088	Halogen White (3200K)
			089 - 128	3200K to 4000K
			129 - 129	Neutral White (4000K)
			130 - 169	4000K to 5600K
			170 - 170	Studio White (5600K)
			171 - 210	5600K to 6500K
			211 - 211	Daylight White (6500K)
			212 - 251	6500K to Cold white
252 - 255	Cold white			
	4	Tint (affects Color Temperature)	000 - 000	Off
			001 - 127	Magenta -> Neutral
			128 - 128	Neutral
			129 - 255	Neutral -> Green

3CH RGB	5CH RGBAL		
Channel	Channel	Function	Values
1	1	Red	000 - 255
2	2	Green	000 - 255
3	3	Blue	000 - 255
0% to 100%			

F2 FC PLUS

PROFESSIONAL HIGH-POWER FRESNEL
WITH RGBAL LED · DMX CONTROL TABLE



	4	Amber	000	-	255	0% to 100%
	5	Lime	000	-	255	0% to 100%

6CH HSI CCT	7CH RGB CCT		
Channel	Channel	Function	Values
1	1	Dimmer	000 - 255
2	2	Dimmer fine	000 - 255
	3	Red	000 - 255
	4	Green	000 - 255
	5	Blue	000 - 255
3		Hue	000 - 255
4		Saturation	000 - 255
5	6	Color Temperature (affects Color Mixing)	000 - 005
			006 - 006
			007 - 046
			047 - 047
			048 - 087
			088 - 088
			089 - 128
			129 - 129
			130 - 169
			170 - 170
			171 - 210
			211 - 211
			212 - 251
252 - 255			
6	7	Tint (affects Color Temperature)	000 - 000
			001 - 127
			128 - 128
			129 - 255

9CH RGB CCT	10CH HSI CCT		
Channel	Channel	Function	Values
1	1	Dimmer	000 - 255
2	2	Dimmer fine	000 - 255

F2 FC PLUS

PROFESSIONAL HIGH-POWER FRESNEL
WITH RGBAL LED · DMX CONTROL TABLE



3	3	Strobe Functions	000	-	005	Open
			006	-	010	Closed
			011	-	022	Ramp up/down slow to fast
			023	-	033	Ramp up/down random slow to fast
			034	-	045	Ramp up slow to fast
			046	-	056	Ramp up random slow to fast
			057	-	068	Ramp down slow to fast
3	3	Strobe Functions	069	-	079	Ramp down random slow to fast
			080	-	102	Random Strobe effect slow to fast
			103	-	127	Strobe Break effect 5s to 1s (short burst with break)
			128	-	250	Strobe slow to fast (<1Hz to 20Hz)
			251	-	255	Open
4		Red	000	-	255	0% to 100%
5		Green	000	-	255	0% to 100%
6		Blue	000	-	255	0% to 100%
	4	Hue	000	-	255	0° (Red) to 360°
	5	Saturation	000	-	255	0% (White) to 100% (Color)
7	6	Color Temperature (affects Color Mixing)	000	-	005	Off
			006	-	006	Warm white
			007	-	046	Warm white to 2700K
			047	-	047	Bulb White (2700K)
			048	-	087	2700K to 3200K
			088	-	088	Halogen White (3200K)
			089	-	128	3200K to 4000K
			129	-	129	Neutral White (4000K)
			130	-	169	4000K to 5600K
			170	-	170	Studio White (5600K)
			171	-	210	5600K to 6500K
			211	-	211	Daylight White (6500K)
			212	-	251	6500K to Cold white
			252	-	255	Cold white
8	7	Tint (affects Color Temperature)	000	-	000	Off
			001	-	127	Magenta -> Neutral
			128	-	128	Neutral
			129	-	255	Neutral -> Green

F2 FC PLUS

PROFESSIONAL HIGH-POWER FRESNEL
WITH RGBAL LED · DMX CONTROL TABLE



8	Color Presets (override Color Mixing & Color Temperature)	000	-	005	No function
		006	-	009	46 Dark Magenta
		010	-	013	29 Plasa Red
		014	-	017	26 Bright Red
		018	-	021	127 Smokey Pink
		022	-	025	36 Medium Pink
		026	-	029	19 Fire
		030	-	033	135 Deep Golden Amber
		034	-	037	778 Millennium Gold
		038	-	041	21 Gold Amber
		042	-	045	157 Pink
		046	-	049	110 Middle Rose
		050	-	053	109 Light Salmon
		054	-	057	35 Light Pink
		058	-	061	134 Golden Amber
		062	-	065	17 Surprise Peach
		066	-	069	746 Brown
		070	-	073	105 Orange
		074	-	077	20 Medium Amber
		078	-	081	768 Egg Yolk Yellow
		082	-	085	15 Deep Straw
		086	-	089	767 Nectarine
		090	-	093	101 Yellow
		094	-	097	100 Spring Yellow
		098	-	101	88 Lime Green
		102	-	105	121 LEE Green
		106	-	109	738 Jas Green
		110	-	113	89 Moss Green
		114	-	117	139 Primary Green
		118	-	121	124 Dark Green
		122	-	125	323 Jade
		126	-	129	354 Special Steel Blue
		130	-	133	116 Medium Blue-Green
		134	-	137	183 Moonlight Blue
138	-	141	132 Medium Blue		
142	-	145	119 Dark Blue		
146	-	149	716 Mikkel Blue		

F2 FC PLUS

PROFESSIONAL HIGH-POWER FRESNEL
WITH RGBAL LED · DMX CONTROL TABLE



	8	Color Presets (override Color Mixing & Color Temperature)	150	-	153	71 Tokyo Blue
			154	-	157	181 Congo Blue
			158	-	161	799 Special KH Lavender
			162	-	165	707 Ultimate Violet
			166	-	169	343 Special Medium Lavender
			170	-	173	798 Chrysalis Pink
			174	-	177	701 Provence
			178	-	181	797 Deep Purple
			182	-	185	48 Rose Purple
			186	-	189	345 Fuchsia Pink
			190	-	193	795 Magical Magenta
			194	-	197	128 Bright Pink
			198	-	201	2 Rose Pink
			202	-	207	User Color 1
			208	-	213	User Color 2
			214	-	219	User Color 3
220	-	225	User Color 4			
226	-	231	User Color 5			
	9	Color Crossfade (affects HSI, CCT and Color Presets)	232	-	237	User Color 6
			238	-	243	User Color 7
			244	-	249	User Color 8
			250	-	255	No function
			000	-	005	0s (Off)
			006	-	105	0,1s - 10s (0,1s Steps)
			106	-	214	11s - 119s (1s Steps)
			215	-	244	2m - 4m50s (10s Steps)
245	-	255	5m - 15m (1m Steps)			
9	10	Device settings (all settings ex- ecuted are after holding value for 3 seconds) (please read remark 1*)	000	-	024	No function
			025	-	025	Record User Color 1
			026	-	026	Record User Color 2
			027	-	027	Record User Color 3
			028	-	028	Record User Color 4
			029	-	029	Record User Color 5
			030	-	030	Record User Color 6
			031	-	031	Record User Color 7
			032	-	032	Record User Color 8
			033	-	073	No function

F2 FC PLUS

PROFESSIONAL HIGH-POWER FRESNEL
WITH RGBAL LED · DMX CONTROL TABLE



9	10	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	074	-	075	Dimmer Response LED
			076	-	077	Dimmer Response Halogen
			078	-	081	No function
			082	-	083	DTW (Redshift) On
			084	-	085	DTW (Redshift) Off
			086	-	097	No function
			098	-	099	Fan Auto
			100	-	101	Fan Off
			102	-	103	Fan Constant Low
			104	-	105	Fan Constant Medium
			106	-	107	Fan Constant High
			108	-	119	No function
			120	-	121	PWM Frequency 600Hz (hold 3s)
			122	-	123	PWM Frequency 1200Hz (hold 3s)
			124	-	125	PWM Frequency 2000Hz (hold 3s)
			126	-	127	PWM Frequency 4000Hz (hold 3s)
			128	-	128	PWM Frequency 6000Hz (hold 3s)
			129	-	129	PWM Frequency 18.9 kHz (hold 3s)
			130	-	131	PWM Frequency 25 kHz (hold 3s)
			132	-	133	RAW
			134	-	135	Factory Calibration
			136	-	137	User Calibration
			138	-	139	Smart Calibration
			140	-	141	Display Always On
			142	-	143	Display Off after 20s
			144	-	163	No Function
			164	-	165	Dimmer Curve Linear
			166	-	167	Dimmer Curve Exponential
			168	-	169	Dimmer Curve Logarithmic
			170	-	171	Dimmer Curve S-Curve
			172	-	239	No function
			240	-	241	Load Factory Defaults
242	-	243	Load Factory Defaults (without User Colors & Loops)			
244	-	255	No function			

F2 FC PLUS

PROFESSIONAL HIGH-POWER FRESNEL
WITH RGBAL LED · DMX CONTROL TABLE



10CH RGBAL 16Bit					
Channel	Function	Values			
1	Red	000	-	255	0% to 100%
2	Red fine	000	-	255	
3	Green	000	-	255	0% to 100%
4	Green fine	000	-	255	
5	Blue	000	-	255	0% to 100%
6	Blue fine	000	-	255	
7	Amber	000	-	255	0% to 100%
8	Amber fine	000	-	255	
9	Lime	000	-	255	0% to 100%
10	Lime fine	000	-	255	

11CH Direct CCT		18CH Full Access					
Channel	Channel	Function	Values			Subgroup	
1	1	Dimmer	000	-	255	0% to 100%	Dimmer
2	2	Dimmer fine	000	-	255		
3	3	Strobe Functions	000	-	005	Open	Multi- functional Strobe
			006	-	010	Closed	
			011	-	022	Ramp up/down slow to fast	
			023	-	033	Ramp up/down random slow to fast	
			034	-	045	Ramp up slow to fast	
			046	-	056	Ramp up random slow to fast	
			057	-	068	Ramp down slow to fast	
			069	-	079	Ramp down random slow to fast	
			080	-	102	Random Strobe effect slow to fast	
			103	-	127	Strobe Break effect 5s to 1s (short burst with break)	

F2 FC PLUS

PROFESSIONAL HIGH-POWER FRESNEL
WITH RGBAL LED · DMX CONTROL TABLE



3	3	Strobe Functions	128	-	250	Strobe slow to fast (<1Hz to 20Hz)	Multi-functional Strobe
			251	-	255	Open	
4	4	Red	000	-	255	0% to 100%	Additive Color Mixing
	5	Red fine	000	-	255		
5	6	Green	000	-	255		
	7	Green fine	000	-	255		
6	8	Blue	000	-	255		
	9	Blue fine	000	-	255		
7	10	Amber	000	-	255		
	11	Amber fine	000	-	255		
8	12	Lime	000	-	255	0% to 100%	
	13	Lime fine	000	-	255		
9	14	Color Temperature (affects Color Mixing)	000	-	005	Off	CCT
			006	-	006	Warm white	
			007	-	046	Warm white to 2700K	
			047	-	047	Bulb White (2700K)	
			048	-	087	2700K to 3200K	
			088	-	088	Halogen White (3200K)	
			089	-	128	3200K to 4000K	
			129	-	129	Neutral White (4000K)	
			130	-	169	4000K to 5600K	
			170	-	170	Studio White (5600K)	
			171	-	210	5600K to 6500K	
			211	-	211	Daylight White (6500K)	
			212	-	251	6500K to Cold white	
252	-	255	Cold white				
10	15	Tint (affects Color Temperature)	000	-	000	Off	Tint
			001	-	127	Magenta -> Neutral	
			128	-	128	Neutral	
			129	-	255	Neutral -> Green	
	16	Color Presets (override Color Mixing & Color Temperature)	000	-	005	No function	Color
			006	-	009	46 Dark Magenta	
			010	-	013	29 Plasa Red	
			014	-	017	26 Bright Red	
			018	-	021	127 Smokey Pink	
			022	-	025	36 Medium Pink	

F2 FC PLUS

PROFESSIONAL HIGH-POWER FRESNEL
WITH RGBAL LED · DMX CONTROL TABLE



16	Color Presets (override Color Mixing & Color Temperature)	026 - 029	19 Fire	Color
		030 - 033	135 Deep Golden Amber	
		034 - 037	778 Millennium Gold	
		038 - 041	21 Gold Amber	
		042 - 045	157 Pink	
		046 - 049	110 Middle Rose	
		050 - 053	109 Light Salmon	
		054 - 057	35 Light Pink	
		058 - 061	134 Golden Amber	
		062 - 065	17 Surprise Peach	
		066 - 069	746 Brown	
		070 - 073	105 Orange	
		074 - 077	20 Medium Amber	
		078 - 081	768 Egg Yolk Yellow	
		082 - 085	15 Deep Straw	
		086 - 089	767 Nectarine	
		090 - 093	101 Yellow	
		094 - 097	100 Spring Yellow	
		098 - 101	88 Lime Green	
		102 - 105	121 LEE Green	
		106 - 109	738 Jas Green	
		110 - 113	89 Moss Green	
		114 - 117	139 Primary Green	
		118 - 121	124 Dark Green	
		122 - 125	323 Jade	
		126 - 129	354 Special Steel Blue	
		130 - 133	116 Medium Blue-Green	
		134 - 137	183 Moonlight Blue	
		138 - 141	132 Medium Blue	
		142 - 145	119 Dark Blue	
		146 - 149	716 Mikkell Blue	
		150 - 153	71 Tokyo Blue	
		154 - 157	181 Congo Blue	
		158 - 161	799 Special KH Lavender	
162 - 165	707 Ultimate Violet			
166 - 169	343 Special Medium Lavender			

F2 FC PLUS

PROFESSIONAL HIGH-POWER FRESNEL
WITH RGBAL LED · DMX CONTROL TABLE



	16	Color Presets (override Color Mixing & Color Temperature)	170 - 173	798 Chrysalis Pink	Color
			174 - 177	701 Provence	
			178 - 181	797 Deep Purple	
			182 - 185	48 Rose Purple	
			186 - 189	345 Fuchsia Pink	
			190 - 193	795 Magical Magenta	
			194 - 197	128 Bright Pink	
			198 - 201	2 Rose Pink	
			202 - 207	User Color 1	
			208 - 213	User Color 2	
			214 - 219	User Color 3	
			220 - 225	User Color 4	
			226 - 231	User Color 5	
			232 - 237	User Color 6	
			238 - 243	User Color 7	
			244 - 249	User Color 8	
250 - 255	No function				
	17	Color Crossfade (affects HSI, CCT and Color Presets)	000 - 005	0s (Off)	
			006 - 105	0,1s - 10s (0,1s Steps)	
			106 - 214	11s - 119s (1s Steps)	
			215 - 244	2m - 4m50s (10s Steps)	
			245 - 255	5m - 15m (1m Steps)	
11	18	Device settings (all settings ex- ecuted are after holding value for 3 seconds) (please read remark 1*)	000 - 024	No function	User Colors
			025 - 025	Record User Color 1	
			026 - 026	Record User Color 2	
			027 - 027	Record User Color 3	
			028 - 028	Record User Color 4	
			029 - 029	Record User Color 5	
			030 - 030	Record User Color 6	
			031 - 031	Record User Color 7	
			032 - 032	Record User Color 8	
			033 - 073	No function	Dimming
			074 - 075	Dimmer Response LED	
			076 - 077	Dimmer Response Halogen	
			078 - 081	No function	
			082 - 083	DTW (Redshift) On	
084 - 085	DTW (Redshift) Off				

F2 FC PLUS

PROFESSIONAL HIGH-POWER FRESNEL
WITH RGBAL LED · DMX CONTROL TABLE



11	18	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	086	-	097	No function	
			098	-	099	Fan Auto	Fan Settings
			100	-	101	Fan Off	
			102	-	103	Fan Constant Low	
			104	-	105	Fan Constant Medium	
			106	-	107	Fan Constant High	
			108	-	119	No function	
			120	-	121	PWM Frequency 600Hz	PWM Frequency
			122	-	123	PWM Frequency 1200Hz	
			124	-	125	PWM Frequency 2000Hz	
			126	-	127	PWM Frequency 4000Hz	
			128	-	128	PWM Frequency 6000Hz	
			129	-	129	PWM Frequency 18.9 kHz	
			130	-	131	PWM Frequency 25 kHz	
			132	-	133	RAW	Color Calibration
			134	-	135	Factory Calibration	
			136	-	137	User Calibration	
			138	-	139	Smart Calibration	
			140	-	141	Display Always On	Display Functions
			142	-	143	Display Off after 20s	
			144	-	163	No Function	
			164	-	165	Dimmer Curve Linear	Dimmer Curve
			166	-	167	Dimmer Curve Exponential	
			168	-	169	Dimmer Curve Logarithmic	
			170	-	171	Dimmer Curve S-Curve	
			172	-	239	No function	
240	-	241	Load Factory Defaults	Load Default			
242	-	243	Load Factory Defaults (without User Colors & Loops)				
244	-	255	No function				

F2 FC PLUS

PROFESSIONAL HIGH-POWER FRESNEL
WITH RGBAL LED · DMX CONTROL TABLE



- EN:** (1*) After the adjustments have been made, set the value to 000 to avoid disturbance by endless function call.
- DE:** (1*) Nachdem die Einstellungen vorgenommen wurden, stellen Sie den Wert auf 000 ein, um Störungen durch endlosen Funktionsaufruf zu vermeiden.
- FR:** (1*) Une fois les ajustements effectués, réglez la valeur sur 000 pour éviter les perturbations par appel de fonction sans fin.
- ES:** (1*) Después de realizar los ajustes, establezca el valor en 000 para evitar perturbaciones mediante una llamada de función sin fin.
- PL:** (1*) Po dokonaniu ustawień ustaw wartość na 000, aby uniknąć zakłóceń przez niekończące się wywołanie funkcji.
- IT:** (1*) Dopo aver effettuato le regolazioni, impostare il valore su 000 per evitare disturbi causati da una chiamata a funzione infinita.