

FLAT PRO SERIES G2

PROFESSIONAL OUTDOOR FLAT PAR CAN
DMX CONTROL TABLE - FIRMWARE VERSION 1.03 AND LATER



1CH Mode						
(preselect color in stand-alone mode Static, CCT, Color Preset or User Color)						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer

3CH1 Mode						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Strobe functions	000	-	005	Strobe open	Multifunctional Strobe
		006	-	010	Strobe closed	
		011	-	022	Ramp up/down, slow -> fast	
		023	-	033	Ramp up/down random, slow->fast	
		034	-	045	Ramp up, slow -> fast	
		046	-	056	Ramp up random, slow -> fast	
		057	-	068	Ramp down, slow -> fast	
		069	-	079	Ramp down random, slow -> fast	
		080	-	102	Random Strobe effect, slow -> fast	
		103	-	127	Strobe Break effect, 5s.....1s (short burst with break)	
		128	-	250	Strobe slow -> fast <1Hz - 20Hz	
251	-	255	Strobe open			

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3	Color Presets & Color Jumping & Color Fading	000	-	005	Color off	Color Preset
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow warm	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118	-	125	Cold White	
		126	-	127	Color Jumping Stop	
		128	-	164	Color Jumping Speed slow -> fast / Color 1 -> 12	
		165	-	201	Color Fading Speed slow -> fast / Color 1 -> 12	
		202	-	207	User Color_1	
208	-	213	User Color_2			
214	-	219	User Color_3			
220	-	225	User Color_4			
226	-	255	no function			

3CH2 Mode						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Color Temperature	000	-	005	off	CCT
		006	-	008	Bulb White (2700K)	
		009	-	011	Halogen White (3200K)	
		012	-	014	Neutral White (4000K)	
		015	-	017	Studio White (5600K)	
		018	-	020	Daylight White (6500K)	
		021	-	255	1800K - 7500K	

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3	Tint (affects Color Temperature)	000	-	000	Off	Tint
		001	-	127	Magenta -> Neutral	
		128	-	128	neutral	
		129	-	255	Neutral -> Green	

5CH1 Mode						
Ch.	Function	Values			Sub-Group	
1	Red	000	-	255	0% to 100%	Red
2	Green	000	-	255	0% to 100%	Green
3	Blue	000	-	255	0% to 100%	Blue
4	White	000	-	255	0% to 100%	White
5	Amber	000	-	255	0% to 100%	Amber

5CH2 Mode						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Strobe	000	-	005	Strobe open	Strobe
		006	-	255	Strobe slow -> fast <1Hz - 20Hz	
3	Chase	000	-	005	No Chase, Color Preset 1 is on	Chase
		006	-	026	Jump 10,0s -> 4,0s	
		027	-	127	Jump 4,0s -> 0,1s	
		128	-	148	Fade 10,0s -> 4,0s	
		149	-	255	Fade 4,0s -> 0,1s	

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3	Color Presets 1 & Color Jumping & Color Fading	000	-	005	Color off	Color Preset
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow warm	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118	-	125	Cold White	
		126	-	201	no function	
202	-	207	User Color_1			
208	-	213	User Color_2			
214	-	219	User Color_3			
220	-	225	User Color_4			
226	-	255	no function			
5	Color Presets 2	000	-	255	same like Color Presets 1	Color Preset

10CH Mode					
Ch.	Function	Values			Sub-Group
1	Red	000	-	255	Red
2	Red fine	000	-	255	
3	Green	000	-	255	Green
4	Green fine	000	-	255	
5	Blue	000	-	255	Blue
6	Blue fine	000	-	255	
7	White	000	-	255	White
8	White fine	000	-	255	
9	Amber	000	-	255	Amber
10	Amber fine	000	-	255	

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13CH Mode						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Dimmer fine	000	-	255	0% to 100%	
3	Strobe functions	000	-	005	Strobe open	Multifunctional Strobe
		006	-	010	Strobe closed	
		011	-	022	Ramp up/down, slow -> fast	
		023	-	033	Ramp up/down random, slow->fast	
		034	-	045	Ramp up, slow -> fast	
		046	-	056	Ramp up random, slow -> fast	
		057	-	068	Ramp down, slow -> fast	
		069	-	079	Ramp down random, slow -> fast	
		080	-	102	Random Strobe effect, slow -> fast	
		103	-	127	Strobe Break effect, 5s.....1s (short burst with break)	
		128	-	250	Strobe slow -> fast <1Hz - 20Hz	
		251	-	255	Strobe open	
4	Red	000	-	255	0% to 100%	Red
5	Green	000	-	255	0% to 100%	Green
6	Blue	000	-	255	0% to 100%	Blue
7	White	000	-	255	0% to 100%	White
8	Amber	000	-	255	0% to 100%	Amber
9	Color Temperature (override RGBWA)	000	-	005	off	CCT
		006	-	008	Bulb White (2700K)	
		009	-	011	Halogen White (3200K)	
		012	-	014	Neutral White (4000K)	
		015	-	017	Studio White (5600K)	
		018	-	020	Daylight White (6500K)	
		021	-	255	1800K - 7500K	
10	Tint (affects Color Temperature)	000	-	000	Off	Tint
		001	-	127	Magenta -> Neutral	
		128	-	128	neutral	
		129	-	255	Neutral -> Green	

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11	Color Presets (override RGBWA + CCT) & Color Jumping & Color Fading	000 - 005	Color off	Color Preset
		006 - 013	Red	
		014 - 021	Amber	
		022 - 029	Yellow warm	
		030 - 037	Yellow	
		038 - 045	Green	
		046 - 053	Turquoise	
		054 - 061	Cyan	
		062 - 069	Blue	
		070 - 077	Lavender	
		078 - 085	Mauve	
		086 - 093	Magenta	
		094 - 101	Pink	
		102 - 109	Warm White	
		110 - 117	White	
		118 - 125	Cold White	
		126 - 127	Color Jumping Stop	
		128 - 164	Color Jumping Speed slow -> fast / Color 1 -> 12	
165 - 201	Color Fading Speed slow -> fast / Color 1 -> 12			
202 - 207	User Color_1			
208 - 213	User Color_2			
214 - 219	User Color_3			
220 - 225	User Color_4			
226 - 255	no function			
12	Color Preset Crossfade	000 - 005	no function	
		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)	

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13	Device Settings (please read remark 1*)	000	073	No function	Device Settings
		074	- 075	Dimmer Response LED (hold 1,5 s)	
		076	- 077	Dimmer Response Halogen (hold 1,5 s)	
		078	- 081	No function	
		082	- 083	DTW (Redshift) on (hold 1,5 s)	
		084	- 085	DTW (Redshift) off (hold 1,5 s)	
		086	- 119	No function	
		120	- 121	PWM 1 (650 Hz) (hold 3s)	
		122	- 123	PWM 2 (1530 Hz) (hold 3s)	
		124	- 125	PWM 3 (2000 Hz) (hold 3s)	
		126	- 127	PWM 4 (3600 Hz) (hold 3s)	
		128	- 129	PWM 5 (12 kHz) (hold 3s)	
		130	- 131	PWM 6 (25 kHz) (hold 3s)	
		132	- 133	RAW (hold 3s)	
		134	- 135	Calibrated (hold 3s)	
		136	- 137	User Calibrated (hold 3s)	
		138	- 139	No function	
		140	- 141	Display on (hold 3s)	
		142	- 143	Display off (hold 3s)	
		144	- 163	No function	
		164	- 165	Dimmer Curve Linear (hold 3s)	
		166	- 167	Dimmer Curve Exponential (hold 3s)	
		168	- 169	Dimmer Curve Logarithmic (hold 3s)	
170	- 171	Dimmer Curve S-Curve (hold 3s)			
172	- 255	No function			

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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.

D2CH Mode (with DMX-Delay Channel, preselect color in stand-alone mode Static, CCT, Color Preset or User Color)						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	DMX Delay	000	-	005	No Delay	DMX Delay
		006	-	255	0,1s -> 2,0s	

D4CH1 Mode (with DMX-Delay Channel)						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer

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2	Strobe functions	000	-	005	Strobe open	Multifunctional Strobe
		006	-	010	Strobe closed	
		011	-	022	Ramp up/down, slow -> fast	
		023	-	033	Ramp up/down random, slow->fast	
		034	-	045	Ramp up, slow -> fast	
		046	-	056	Ramp up random, slow -> fast	
		057	-	068	Ramp down, slow -> fast	
		069	-	079	Ramp down random, slow -> fast	
		080	-	102	Random Strobe effect, slow -> fast	
		103	-	127	Strobe Break effect, 5s.1s (short burst with break)	
		128	-	250	Strobe slow -> fast <1Hz - 20Hz	
		251	-	255	Strobe open	

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DMX CONTROL TABLE - FIRMWARE VERSION 1.03 AND LATER



3	Color Presets & Color Jumping & Color Fading	000	-	005	Color off	Color Preset
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow warm	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118	-	125	Cold White	
		126	-	127	Color Jumping Stop	
		128	-	164	Color Jumping Speed slow -> fast / Color 1 -> 12	
		165	-	201	Color Fading Speed slow -> fast / Color 1 -> 12	
		202	-	207	User Color_1	
208	-	213	User Color_2			
214	-	219	User Color_3			
220	-	225	User Color_4			
226	-	255	no function			
4	DMX Delay	000	-	005	No Delay	DMX Delay
		006	-	255	0,1s -> 2,0s	

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DMX CONTROL TABLE - FIRMWARE VERSION 1.03 AND LATER



D4CH2 Mode (with DMX-Delay Channel)						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Color Temperature	000	-	005	off	CCT
		006	-	008	Bulb White (2700K)	
		009	-	011	Halogen White (3200K)	
		012	-	014	Neutral White (4000K)	
		015	-	017	Studio White (5600K)	
		018	-	020	Daylight White (6500K)	
		021	-	255	1800K - 7500K	
3	Tint (affects Color Temperature)	000	-	000	Off	Tint
		001	-	127	Magenta -> Neutral	
		128	-	128	neutral	
		129	-	255	Neutral -> Green	
4	DMX Delay	000	-	005	No Delay	DMX Delay
		006	-	255	0,1s -> 2,0s	

6CH1 Mode (with DMX-Delay Channel)						
Ch.	Function	Values			Sub-Group	
1	Red	000	-	255	0% to 100%	Red
2	Green	000	-	255	0% to 100%	Green
3	Blue	000	-	255	0% to 100%	Blue
4	White	000	-	255	0% to 100%	White
5	Amber	000	-	255	0% to 100%	Amber
6	DMX Delay	000	-	005	No Delay	DMX Delay
		006	-	255	0,1s -> 2,0s	

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6CH2 Mode (with DMX-Delay Channel)						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Strobe	000	-	005	Strobe open	Strobe
		006	-	255	Strobe slow -> fast <1Hz - 20Hz	
3	Chase	000	-	005	No Chase, Color Preset 1 is on	Chase
		006	-	026	Jump 10,0s -> 4,0s	
		027	-	127	Jump 4,0s -> 0,1s	
		128	-	148	Fade 10,0s -> 4,0s	
		149	-	255	Fade 4,0s -> 0,1s	
3	Color Presets 1 & Color Jumping & Color Fading	000	-	005	Color off	Color Preset
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow warm	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118	-	125	Cold White	
		126	-	201	no function	
202	-	207	User Color_1			
208	-	213	User Color_2			
214	-	219	User Color_3			
220	-	225	User Color_4			
226	-	255	no function			
5	Color Presets 2	000	-	255	same like Color Presets 1	Color Preset
6	DMX Delay	000	-	005	No Delay	DMX Delay
		006	-	255	0,1s -> 2,0s	

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11CH Mode (with DMX-Delay Channel)						
Ch.	Function	Values			Sub-Group	
1	Red	000	-	255	0% to 100%	Red
2	Red fine	000	-	255		
3	Green	000	-	255	0% to 100%	Green
4	Green fine	000	-	255		
5	Blue	000	-	255	0% to 100%	Blue
6	Blue fine	000	-	255		
7	White	000	-	255	0% to 100%	White
8	White fine	000	-	255		
9	Amber	000	-	255	0% to 100%	Amber
10	Amber fine	000	-	255		
11	DMX Delay	000	-	005	No Delay	DMX Delay
		006	-	255	0,1s -> 2,0s	

14CH Mode (with DMX-Delay Channel)						
Ch.	Function	Values			Sub-Group	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Dimmer fine	000	-	255	0% to 100%	
3	Strobe functions	000	-	005	Strobe open	Multifunctional Strobe
		006	-	010	Strobe closed	
		011	-	022	Ramp up/down, slow -> fast	
		023	-	033	Ramp up/down random, slow->fast	
		034	-	045	Ramp up, slow -> fast	
		046	-	056	Ramp up random, slow -> fast	
		057	-	068	Ramp down, slow -> fast	
		069	-	079	Ramp down random, slow -> fast	
		080	-	102	Random Strobe effect, slow -> fast	
		103	-	127	Strobe Break effect, 5s.....1s (short burst with break)	
		128	-	250	Strobe slow -> fast <1Hz - 20Hz	
4	Red	251	-	255	Strobe open	Red
		000	-	255	0% to 100%	

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5	Green	000	-	255	0% to 100%	Green
6	Blue	000	-	255	0% to 100%	Blue
7	White	000	-	255	0% to 100%	White
8	Amber	000	-	255	0% to 100%	Amber
9	Color Temperature (override RGBWA)	000	-	005	off	CCT
		006	-	008	Bulb White (2700K)	
		009	-	011	Halogen White (3200K)	
		012	-	014	Neutral White (4000K)	
		015	-	017	Studio White (5600K)	
		018	-	020	Daylight White (6500K)	
		021	-	255	1800K - 7500K	
10	Tint (affects Color Temperature)	000	-	000	Off	Tint
		001	-	127	Magenta -> Neutral	
		128	-	128	neutral	
		129	-	255	Neutral -> Green	

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11	Color Presets (override RGBWA + CCT) & Color Jumping & Color Fading	000	-	005	Color off	Color Preset
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow warm	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118	-	125	Cold White	
		126	-	127	Color Jumping Stop	
		128	-	164	Color Jumping Speed slow -> fast / Color 1 -> 12	
165	-	201	Color Fading Speed slow -> fast / Color 1 -> 12			
202	-	207	User Color_1			
208	-	213	User Color_2			
214	-	219	User Color_3			
220	-	225	User Color_4			
226	-	255	no function			
12	Color Preset Crossfade	000	-	005	no function	
		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)	

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13	Device Settings (please read remark 1*)	000	073	No function	Device Settings
		074 -	075	Dimmer Response LED (hold 1,5 s)	
		076 -	077	Dimmer Response Halogen (hold 1,5 s)	
		078 -	081	No function	
		082 -	083	DTW (Redshift) on (hold 1,5 s)	
		084 -	085	DTW (Redshift) off (hold 1,5 s)	
		086 -	119	No function	
		120 -	121	PWM 1 (650 Hz) (hold 3s)	
		122 -	123	PWM 2 (1530 Hz) (hold 3s)	
		124 -	125	PWM 3 (2000 Hz) (hold 3s)	
		126 -	127	PWM 4 (3600 Hz) (hold 3s)	
		128 -	129	PWM 5 (12 kHz) (hold 3s)	
		130 -	131	PWM 6 (25 kHz) (hold 3s)	
		132 -	133	RAW (hold 3s)	
		134 -	135	Calibrated (hold 3s)	
		136 -	137	User Calibrated (hold 3s)	
		138 -	139	No function	
		140 -	141	Display on (hold 3s)	
		142 -	143	Display off (hold 3s)	
		144 -	163	No function	
	164 -	165	Dimmer Curve Linear (hold 3s)		
	166 -	167	Dimmer Curve Exponential (hold 3s)		
	168 -	169	Dimmer Curve Logarithmic (hold 3s)		
	170 -	171	Dimmer Curve S-Curve (hold 3s)		
	172 -	255	No function		
14	DMX Delay	000 -	005	No Delay	DMX Delay
		006 -	255	0,1s -> 2,0s	

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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.