

# PIXBAR 600 IP G2

IP65 RGBW LED BAR DMX CONTROL TABLE



		Values		Function		Sub-group		Group		Comment/How to use	
1CH	Dim UC1	CH	1	Dimmer	000 - 255		Dimmer	Intensity			
3CH	Pre-set	CH	1	Dimmer fine	000 - 255						
6CH	Direct Control	CH			000 - 005	Open					
90H	Direct Control	CH	1		006 - 010	Closed					
3CH	Pre-set	CH	1		011 - 022	Ramp up/down slow to fast					
6CH	Direct Control	CH			023 - 033	Ramp up/down random slow to fast					
12CH	Direct 16Bit	CH			034 - 045	Ramp up slow to fast					
12CH	Direct CCT	CH	1		046 - 056	Ramp up random slow to fast					
13CH	Effect Pattern	CH	1		057 - 068	Ramp down slow to fast					
20CH	Wash	CH	1		069 - 079	Ramp down random slow to fast					
44CH	Pattern	CH	1		080 - 102	Random Strobe effect slow to fast					
48CH	Pixel RGB	CH			103 - 127	Strobe Break effect 5s to 1s (Short burst with break)					
96CH	Pixel	CH			128 - 250	Strobe slow to fast (<1Hz to 20Hz)					
100CH	Pixel Dim	CH	1		251 - 255	Open					
D2CH	Dim UC1	CH	1		000 - 255	0% to 100%					
D4CH	Pre-set	CH	1		000 - 255	0% to 100%					
D9CH	Direct	CH	1		000 - 255	0% to 100%					
Multi-functional Strobe											
Color Mixing											
Additive Color Mixing											









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If Pattern Position & Speed channel is Off (000 to 005 Effect Pattern Stop) Effect Pattern work as static in their first arrangement												Background Strobe must work independently from Standard (Foreground) Strobe																							
Back-ground Functions																																			
Effect Pattern Speed Stop		Effect Pattern Speed slow to fast		Effect Pattern Speed fast to slow (backwards)		0s (Off)		0,1s to 5s		off		Fade 0% to 100%	Wake 0% to 100%	0% to 100%	Back-ground Dimmer	Back-ground Dimmer	Back-ground Strobe																		
000 -	005	006 -	127	128 -	255	000 -	005	006 -	255	000 -	005	006 -	127	128 -	255	000 -	255	000 -	005	006 -	010	011 -	022	023 -	033	034 -	045	046 -	056	057 -	068	069 -	079	080 -	102
Pattern Position & Speed		Pattern Transition		Pattern Fade / Wake Effect		Back-ground Dimmer		Back-ground Dimmer fine		Back-ground Strobe																									
22		23		24		25		26		27																									
12																																			







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Background Functions					
Background Color Mixing					
000 - Off	001 - 127 Magenta -> Neutral	128 - 128 neutral	129 - 255 Neutral -> Green	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	

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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	
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	
232 -	237	User Color 6	
238 -	243	User Color 7	
244 -	249	User Color 8	
250 -	255	No function	

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Back-ground Color Cross-fade (affects Back-ground HSI, CCT and Color Presets)		000 - 005	0s (Off)					Control	Mirror the pattern arrangement (no effect on single pixel control)
Back-ground Color Mixing		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)						
Device settings (All settings executed after holding value for 3 seconds)		000 - 024	No function	User Colors					
		025 - 025	Record User Color/User Preset 1						
		026 - 026	Record User Color/User Preset 2						
		027 - 027	Record User Color/User Preset 3						
		028 - 028	Record User Color/User Preset 4						
		029 - 029	Record User Color/User Preset 5						
		030 - 030	Record User Color/User Preset 6						
		031 - 031	Record User Color/User Preset 7						
		032 - 032	Record User Color/User Preset 8						
		033 - 057	No function	Pixel Mirroring					
		058 - 059	Pixel Direction Mirroring Off	Pixel Mirroring					
		060 - 061	Pixel Direction Mirroring On	Dimming					
		062 - 063	No function						
		074 - 075	Dimmer Response LED						
		076 - 077	Dimmer Response Halogen						
		078 - 081	No function						

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Dimming		Control		No effect at all control settings (DMX Address, DMX Mode, Wireless, ...)	
082 -	083	DTW (Redshift) On			
084 -	085	DTW (Redshift) Off			
086 -	119	No function			
120 -	121	PWM 1 (650 Hz)	PWM Frequency		
122 -	123	PWM 2 (1530 Hz)			
124 -	125	PWM 3 (3600 Hz)			
126 -	127	PWM 4 (12000 Hz)			
128 -	129	PWM 5 (18900 Hz)			
130 -	131	PWM 6 (25000 Hz)			
132 -	133	RAW			
134 -	135	Factory Calibration	Color 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 Colours & Loops)			

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No effect at all control settings (DMX Address, DMX Mode, Wireless, ...)		Control	
No effect at all control settings (DMX Address, DMX Mode, Wireless, ...)		Load Default	
No effect at all control settings (DMX Address, DMX Mode, Wireless, ...)		Single Pixel Control	
244 - 245	Load User Default A	245	no function
	Load User Default B	246 - 247	0% to 100%
248 - 249	Load User Default C	248 - 249	0% to 100%
	Device settings (All settings executed after holding value for 3 seconds)	250 - 255	0% to 100%
4	Red 1	000	0% to 100%
	Green 1	000	0% to 100%
	Blue 1	000	0% to 100%
	White 1	000	0% to 100%
	Amber 1	000	0% to 100%
	UV 1	000	0% to 100%
	Red 2	000	0% to 100%
	Green 2	000	0% to 100%
	Blue 2	000	0% to 100%
	White 2	000	0% to 100%
	Amber 2	000	0% to 100%
	UV 2	000	0% to 100%
	Red 3	000	0% to 100%
	Green 3	000	0% to 100%
	Blue 3	000	0% to 100%
	White 3	000	0% to 100%
	Amber 3	000	0% to 100%
	UV 3	000	0% to 100%
	Color Mixing Pixel 1	000	0% to 100%
	Color Mixing Pixel 2	000	0% to 100%
	Color Mixing Pixel 3	000	0% to 100%
	Color Mixing Pixel 4	000	0% to 100%

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													Single Pixel Control				
													Color Mixing Pixel 4				
Green 4	000	-	255	0% to 100%													
Blue 4	000	-	255	0% to 100%													
White 4	000	-	255	0% to 100%													
Amber 4	000	-	255	0% to 100%													
UV 4	000	-	255	0% to 100%													
Red 5	000	-	255	0% to 100%													
Green 5	000	-	255	0% to 100%													
Blue 5	000	-	255	0% to 100%													
White 5	000	-	255	0% to 100%													
Amber 5	000	-	255	0% to 100%													
UV 5	000	-	255	0% to 100%													
Red 6	000	-	255	0% to 100%													
Green 6	000	-	255	0% to 100%													
Blue 6	000	-	255	0% to 100%													
White 6	000	-	255	0% to 100%													
Amber 6	000	-	255	0% to 100%													
UV 6	000	-	255	0% to 100%													
Red 7	000	-	255	0% to 100%													
Green 7	000	-	255	0% to 100%													
Blue 7	000	-	255	0% to 100%													
White 7	000	-	255	0% to 100%													
Amber 7	000	-	255	0% to 100%													
UV 7	000	-	255	0% to 100%													
Red 8	000	-	255	0% to 100%													
Green 8	000	-	255	0% to 100%													
Blue 8	000	-	255	0% to 100%													
White 8	000	-	255	0% to 100%													
Amber 8	000	-	255	0% to 100%													
UV 8	000	-	255	0% to 100%													
Red 9	000	-	255	0% to 100%													
Green 9	000	-	255	0% to 100%													
Blue 9	000	-	255	0% to 100%													
White 9	000	-	255	0% to 100%													
Amber 9	000	-	255	0% to 100%													
UV 9	000	-	255	0% to 100%													
11	20	24															
12	21	25															
	22	26															
	23	27															
	24	28															
13	25	29															
14	26	30															
15	27	31															
	28	32															
	29	33															
	30	34															
16	31	35															
17	32	36															
18	33	37															
	34	38															
	35	39															
	36	40															
19	37	41															
20	38	42															
21	39	43															
	40	44															
	41	45															
	42	46															
22	43	47															
23	44	48															
24	45	49															
	46	50															
	47	51															
	48	52															
25	49	53															
26	50	54															
27	51	55															
	52	56															
	53	57															
	54	58															

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Single Pixel Control																							
Color Mixing Pixel 10				Color Mixing Pixel 11				Color Mixing Pixel 12				Color Mixing Pixel 13											
Red 10	Green 10	Blue 10	White 10	Amber 10	UV 10	Red 11	Green 11	Blue 11	White 11	Amber 11	UV 11	Red 12	Green 12	Blue 12	White 12	Amber 12	UV 12	Red 13	Green 13	Blue 13	White 13	Amber 13	UV 13
000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255
0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%	0% to 100%
28	29	30				31	32	33				34	35	36				37	38	39			
59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78





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