

XC5 Series - DMX protocol



Protocol rev. 1

Valid from firmware version
3.00

Mode
1 channel

Channel	Name	DMX value	DMX Percentage	Description	Info	Default DMX value	Fader type		
1	Strobe	0	5	0,0%	2,0%	Blackout	0 (0%)	Fade	
		6	249	2,4%	97,6%	Strobe			Slow -> Fast
		250	255	98,0%	100,0%	Blinder			

Mode
3 channel

Channel	Name	DMX value	DMX Percentage	Description	Info	Default DMX value	Fader type	
1	Intensity	0	5	0,0%	2,0%	Blackout	0 (0%)	Fade
		6	255	2,4%	100,0%	Min. intensity -> Max. intensity		
2	Duration	0	255	0,0%	100,0%	Flash duration	0 (0%)	Fade
						1 -> 650 ms (50 Hz) 1 -> 530 ms (60 Hz)		
3	Rate	0	5	0,0%	2,0%	No flash	0 (0%)	Fade
		6	255	2,4%	100,0%	Flash rate		

Mode
4 channel

Channel	Name	DMX value	DMX Percentage	Description	Info	Default DMX value	Fader type	
1	Intensity	0	5	0,0%	2,0%	Blackout	0 (0%)	Fade
		6	255	2,4%	100,0%	Min. intensity -> Max. intensity		
2	Duration	0	255	0,0%	100,0%	Flash duration	0 (0%)	Fade
						1 -> 650 ms (50 Hz) 1 -> 530 ms (60 Hz)		
3	Rate	0	5	0,0%	2,0%	No flash	0 (0%)	Fade
		6	255	2,4%	100,0%	Flash rate		
4	Effect (Takes priority over Duration)	0	5	0,0%	2,0%	No effect	0 (0%)	Snap
		6	42	2,4%	16,5%	Ramp up		
		43	85	16,9%	33,3%	Ramp down		
		86	128	33,7%	50,2%	Ramp up / Ramp down		
		129	171	50,6%	67,1%	Random		
		172	214	67,5%	83,9%	No effect		
215	255	84,3%	100,0%	Spike				

Mode
6 channel

Channel	Name	DMX value	DMX Percentage	Description	Info	Default DMX value	Fader type	
1	Intensity	0	5	0,0%	2,0%	Blackout	0 (0%)	Fade
		6	255	2,4%	100,0%	Min. intensity -> Max. intensity		
2	Intensity - RED	0	5	0,0%	2,0%	Blackout	0 (0%)	Fade
		6	255	2,4%	100,0%	Min. RED -> Max. RED		
3	Intensity - GREEN	0	5	0,0%	2,0%	Blackout	0 (0%)	Fade
		6	255	2,4%	100,0%	Min. GREEN -> Max. GREEN		
4	Intensity - BLUE	0	5	0,0%	2,0%	Blackout	0 (0%)	Fade
		6	255	2,4%	100,0%	Min. BLUE -> Max. Blue		
5	Duration	0	255	0,0%	100,0%	Flash duration	0 (0%)	Fade
						1 -> 650 ms (50 Hz) 1 -> 530 ms (60 Hz)		
6	Rate	0	5	0,0%	2,0%	No flash	0 (0%)	Fade
		6	255	2,4%	100,0%	Flash rate		

Mode
7 channel

Channel	Name	DMX value		DMX Percentage		Description	Info	Default DMX value	Fader type
1	Intensity	0	5	0,0%	2,0%	Blackout		0 (0%)	Fade
		6	255	2,4%	100,0%	Min. intensity -> Max. intensity			
2	Duration	0	255	0,0%	100,0%	Flash duration	1 -> 650 ms (50 Hz) 1 -> 530 ms (60 Hz)	0 (0%)	Fade
3	Rate	0	5	0,0%	2,0%	No flash	0.5 -> 25 Hz (50 Hz) 0.6 -> 30 Hz (60 Hz)	0 (0%)	Fade
		6	255	2,4%	100,0%	Flash rate			
4	Effect (Takes priority over Duration)	0	5	0,0%	2,0%	No effect		0 (0%)	Snap
		6	42	2,4%	16,5%	Ramp up			
		43	85	16,9%	33,3%	Ramp down			
		86	128	33,7%	50,2%	Ramp up / Ramp down			
		129	171	50,6%	67,1%	Random			
		172	214	67,5%	83,9%	Lightning			
5	Intensity - RED	0	5	0,0%	2,0%	Blackout		0 (0%)	Fade
		6	255	2,4%	100,0%	Min. RED -> Max. RED			
6	Intensity - GREEN	0	5	0,0%	2,0%	Blackout		0 (0%)	Fade
		6	255	2,4%	100,0%	Min. GREEN -> Max. GREEN			
7	Intensity - BLUE	0	5	0,0%	2,0%	Blackout		0 (0%)	Fade
		6	255	2,4%	100,0%	Min. BLUE -> Max. Blue			

Mode
7 channel LEGACY

Channel	Name	DMX value		DMX Percentage		Description	Info	Default DMX value	Fader type
1	Intensity	0	5	0,0%	2,0%	Blackout		0 (0%)	Fade
		6	255	2,4%	100,0%	Min. intensity -> Max. intensity			
2	Intensity - RED	0	5	0,0%	2,0%	Blackout		0 (0%)	Fade
		6	255	2,4%	100,0%	Min. RED -> Max. RED			
3	Intensity - GREEN	0	5	0,0%	2,0%	Blackout		0 (0%)	Fade
		6	255	2,4%	100,0%	Min. GREEN -> Max. GREEN			
4	Intensity - BLUE	0	5	0,0%	2,0%	Blackout		0 (0%)	Fade
		6	255	2,4%	100,0%	Min. BLUE -> Max. Blue			
5	Duration	0	255	0,0%	100,0%	Flash duration	1 -> 650 ms (50 Hz) 1 -> 530 ms (60 Hz)	0 (0%)	Fade
6	Rate	0	5	0,0%	2,0%	No flash	0.5 -> 25 Hz (50 Hz) 0.6 -> 30 Hz (60 Hz)	0 (0%)	Fade
		6	255	2,4%	100,0%	Flash rate			
7	Effect (Takes priority over Duration)	0	5	0,0%	2,0%	No effect		0 (0%)	Snap
		6	42	2,4%	16,5%	Ramp up			
		43	85	16,9%	33,3%	Ramp down			
		86	128	33,7%	50,2%	Ramp up / Ramp down			
		129	171	50,6%	67,1%	Random			
		172	214	67,5%	83,9%	Lightning			
215	255	84,3%	100,0%	Spike					

Mode
Pixel (3 ch)

Channel	Name	DMX value		DMX Percentage		Description	Info	Default DMX value	Fader type
1	Intensity - RED	0	5	0,0%	2,0%	Blackout		0 (0%)	Fade
		6	255	2,4%	100,0%	Min. RED -> Max. RED			
2	Intensity - GREEN	0	5	0,0%	2,0%	Blackout		0 (0%)	Fade
		6	255	2,4%	100,0%	Min. GREEN -> Max. GREEN			
3	Intensity - BLUE	0	5	0,0%	2,0%	Blackout		0 (0%)	Fade
		6	255	2,4%	100,0%	Min. BLUE -> Max. Blue			