

I-2 - DMX protocol

Protocol rev. 3



Mode
3 channels (Full Color Calibrated)

Valid from firmware version
1.53

Channel	Name	DMX value	DMX Percentage	Description	Info	Default DMX value	Fader type
1	RED	0 255	0,0% 100,0%	No RED -> Maximum RED	All Panels	0 (0%)	Fade
2	GREEN	0 255	0,0% 100,0%	No GREEN -> Maximum GREEN	All Panels	0 (0%)	Fade
3	BLUE	0 255	0,0% 100,0%	No BLUE -> Maximum BLUE	All Panels	0 (0%)	Fade

CALIBRATED mode, RED / GREEN / BLUE Control

I-2 - DMX protocol

Protocol rev. 3



Mode
4 channels (RAW)

Valid from firmware version
1.53

Channel	Name	DMX value	DMX Percentage	Description	Info	Default DMX value	Fader type
1	RED	0 255	0,0% 100,0%	No RED -> Maximum RED	All Panels	0 (0%)	Fade
2	GREEN	0 255	0,0% 100,0%	No GREEN -> Maximum GREEN	All Panels	0 (0%)	Fade
3	BLUE	0 255	0,0% 100,0%	No BLUE -> Maximum BLUE	All Panels	0 (0%)	Fade
4	WHITE	0 255	0,0% 100,0%	No WHITE -> Maximum WHITE	All Panels	0 (0%)	Fade

RAW mode, RED / GREEN / BLUE / WHITE control

I-2 - DMX protocol

Protocol rev. 3



Mode
6 channels (Full Color Calibrated)

Valid from firmware version
1.53

Channel	Name	DMX value		DMX Percentage		Description	Info	Default DMX value	Fader type
1	SHUTTER	0	7	0,0%	2,7%	Closed		10 (3,9%)	Snap
		8	15	3,1%	5,9%	Open			
		16	151	6,3%	59,2%	Strobe	Fast -> Slow		
		152	175	59,6%	68,6%	Pulse - Open	Slow -> Fast		
		176	199	69,0%	78,0%	Pulse - Close	Slow -> Fast		
		200	244	78,4%	95,7%	Strobe - Random	Slow -> Fast		
		245	255	96,1%	100,0%	Open			
2	INTENSITY	0	255	0,0%	100,0%	No LIGHT -> Maximum LIGHT		0 (0%)	Fade
3	CTC	0	0	0,0%	0,0%	≈ 5600° K		182 (71,3%)	Fade
		1	4	0,4%	1,6%	No CTC (RAW)			
		5	255	2,0%	100,0%	2000K - 10000K			
4	RED	0	255	0,0%	100,0%	No RED -> Maximum RED	All Panels	0 (0%)	Fade
5	GREEN	0	255	0,0%	100,0%	No GREEN -> Maximum GREEN	All Panels	0 (0%)	Fade
6	BLUE	0	255	0,0%	100,0%	No BLUE -> Maximum BLUE	All Panels	0 (0%)	Fade

Full Color Calibrated mode, WHITE is automatically controlled

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Mode
6 channels (RAW)

Valid from firmware version
1.53

Channel	Name	DMX value		DMX Percentage		Description	Info	Default DMX value	Fader type
1	SHUTTER	0	7	0,0%	2,7%	Closed		10 (3,9%)	Snap
		8	15	3,1%	5,9%	Open			
		16	151	6,3%	59,2%	Strobe	Fast -> Slow		
		152	175	59,6%	68,6%	Pulse - Open	Slow -> Fast		
		176	199	69,0%	78,0%	Pulse - Close	Slow -> Fast		
		200	244	78,4%	95,7%	Strobe - Random	Slow -> Fast		
		245	255	96,1%	100,0%	Open			
2	INTENSITY	0	255	0,0%	100,0%	No LIGHT -> Maximum LIGHT		0 (0%)	Fade
3	RED	0	255	0,0%	100,0%	No RED -> Maximum RED	All Panels	0 (0%)	Fade
4	GREEN	0	255	0,0%	100,0%	No GREEN -> Maximum GREEN	All Panels	0 (0%)	Fade
5	BLUE	0	255	0,0%	100,0%	No BLUE -> Maximum BLUE	All Panels	0 (0%)	Fade
6	WHITE	0	255	0,0%	100,0%	No WHITE -> Maximum WHITE	All Panels	0 (0%)	Fade

RAW mode, RED / GREEN / BLUE / WHITE control

I-2 - DMX protocol

Protocol rev. 3



Mode
8 channels (XC-5 Emulation, RAW)

Valid from firmware version
1.53

Channel	Name	DMX value		DMX Percentage		Description	Info	Default DMX value	Fader type
1	INTENSITY	0	255	0,0%	100,0%	No LIGHT -> Maximum LIGHT		0 (0%)	Fade
2	DURATION	0	255	0,0%	100,0%	No DURATION -> Maximum DURATION	Short -> Long	0 (0%)	Fade
3	RATE	0	255	0,0%	100,0%	Slow RATE -> Fast RATE	Slow -> Fast	0 (0%)	Fade
4	INTENSITY	0	5	0,0%	2,0%	No Effect		0 (0%)	Fade
		6	10	2,4%	3,9%	Flicker			
		11	15	4,3%	5,9%	Lightning			
		16	20	6,3%	7,8%	Random Strobe			
		21	25	8,2%	9,8%	Flicker Groups			
		26	30	10,2%	11,8%	Reandom Strobe Colors / Groups			
		31	35	12,2%	13,7%	Spikes Colors / Groups			
		36	40	14,1%	15,7%	Spikes			
41	255	16,1%	100,0%	Reserved					
5	RED	0	255	0,0%	100,0%	No RED -> Maximum RED		0 (0%)	Fade
6	GREEN	0	255	0,0%	100,0%	No GREEN -> Maximum GREEN		0 (0%)	Fade
7	BLUE	0	255	0,0%	100,0%	No BLUE -> Maximum BLUE		0 (0%)	Fade
8	WHITE	0	255	0,0%	100,0%	No WHITE -> Maximum WHITE		0 (0%)	Fade

RAW, XC-5 Emulation Mode