

## P-5 - DMX Protocol



Protocol Rev. 4

Mode
3 Channels (Full Color Calibrated)

Valid From Firmware Version
3.00

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		0 (0%)	Fade
2	GREEN	0	255	0,0%	100,0%	No GREEN -> Maximum GREEN		0 (0%)	Fade
3	BLUE	0	255	0,0%	100,0%	No BLUE -> Maximum BLUE		0 (0%)	Fade

Full Color Calibrated mode, WHITE is automatically controlled

## P-5 - DMX Protocol



Protocol Rev. 4

Mode
4 Channels (RAW)

Valid From Firmware Version
3.00

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		0 (0%)	Fade
2	GREEN	0	255	0,0%	100,0%	No GREEN -> Maximum GREEN		0 (0%)	Fade
3	BLUE	0	255	0,0%	100,0%	No BLUE -> Maximum BLUE		0 (0%)	Fade
4	WHITE	0	255	0,0%	100,0%	No WHITE -> Maximum WHITE		0 (0%)	Fade

RAW mode, RED / GREEN / BLUE / WHITE Control

## P-5 - DMX Protocol

Protocol Rev. 4



Mode
6 Channels (RAW)

Valid From Firmware Version
3.00

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		0 (0%)	Fade
4	GREEN	0	255	0,0%	100,0%	No GREEN -> Maximum GREEN		0 (0%)	Fade
5	BLUE	0	255	0,0%	100,0%	No BLUE -> Maximum BLUE		0 (0%)	Fade
6	WHITE	0	255	0,0%	100,0%	No WHITE -> Maximum WHITE		0 (0%)	Fade

RAW mode, RED / GREEN / BLUE / WHITE Control

## P-5 - DMX Protocol

Protocol Rev. 4



Mode
6 Channels (CTC)

Valid From Firmware Version
3.00

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%	~5600K		182 (71,3%)	Fade
		1	4	0,4%	1,6%	No CTC (RAW)			
		5	255	2,0%	100,0%	CTC 2000K -> 10000K			
4	RED	0	255	0,0%	100,0%	No RED -> Maximum RED		0 (0%)	Fade
5	GREEN	0	255	0,0%	100,0%	No GREEN -> Maximum GREEN		0 (0%)	Fade
6	BLUE	0	255	0,0%	100,0%	No BLUE -> Maximum BLUE		0 (0%)	Fade

RAW / Calibrated when CTC is above 4 - RED / GREEN / BLUE Control + CTC

## P-5 - DMX Protocol



Protocol Rev. 4

Mode
8 Channels (RAW) 16 Bit

Valid From Firmware Version
3.00

Channel	Name	DMX Value	DMX Percentage	Description	Info	Default DMX Value	Fader Type		
1	RED	0	65535	0,0%	100,0%	No RED -> Maximum RED		0 (0%)	Fade
2									
3	GREEN	0	65535	0,0%	100,0%	No GREEN -> Maximum GREEN		0 (0%)	Fade
4									
5	BLUE	0	65535	0,0%	100,0%	No BLUE -> Maximum BLUE		0 (0%)	Fade
6									
7	WHITE	0	65535	0,0%	100,0%	No WHITE -> Maximum WHITE		0 (0%)	Fade
8									

RAW mode, 16 BIT - RED / GREEN / BLUE / WHITE Control

## P-5 - DMX Protocol



Protocol Rev. 4

Mode
9 Channels (RAW) 16 Bit

Valid From Firmware Version
3.00

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	RED	0	65535	0,0%	100,0%	No RED -> Maximum RED		0 (0%)	Fade
3									
4	GREEN	0	65535	0,0%	100,0%	No GREEN -> Maximum GREEN		0 (0%)	Fade
5									
6	BLUE	0	65535	0,0%	100,0%	No BLUE -> Maximum BLUE		0 (0%)	Fade
7									
8	WHITE	0	65535	0,0%	100,0%	No WHITE -> Maximum WHITE		0 (0%)	Fade
9									

RAW mode, 16 BIT - RED / GREEN / BLUE / WHITE Control + Dimmer Control (8 BIT)

## P-5 - DMX Protocol

Protocol Rev. 4



Mode
10 Channels (RAW)

Valid From Firmware Version
3.00

Channel	Name	DMX Value	DMX Percentage	Description	Info	Default DMX Value	Fader Type
1 2	Intensity	0 65535	0,0% 100,0%	No Light -> Maximum Light		0 (0%)	Fade
3 4	RED	0 65535	0,0% 100,0%	No RED -> Maximum RED		0 (0%)	Fade
5 6	GREEN	0 65535	0,0% 100,0%	No GREEN -> Maximum GREEN		0 (0%)	Fade
7 8	BLUE	0 65535	0,0% 100,0%	No BLUE -> Maximum BLUE		0 (0%)	Fade
9 10	WHITE	0 65535	0,0% 100,0%	No WHITE -> Maximum WHITE		0 (0%)	Fade

RAW mode, 16 BIT - DIMMER & RED / GREEN / BLUE / WHITE Control

## P-5 - DMX Protocol

Protocol Rev. 4



Mode
10 Channels (CTC)

Valid From Firmware Version
3.00

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 3	Intensity	0 255	0,0% 100,0%	No Light -> Maximum Light		0 (0%)	Fade
4	CTC	0 0	0,0% 0,0%	~5600K		182 (71,3%)	Fade
		1 4	0,4% 1,6%	No CTC (RAW)			
		5 255	2,0% 100,0%	CTC 2000K -> 10000K			
5 6	RED	0 65535	0,0% 100,0%	No RED -> Maximum RED		0 (0%)	Fade
7 8	GREEN	0 65535	0,0% 100,0%	No GREEN -> Maximum GREEN		0 (0%)	Fade
9 10	BLUE	0 65535	0,0% 100,0%	No BLUE -> Maximum BLUE		0 (0%)	Fade

RAW / Calibrated when CTC is above 4 - RED / GREEN / BLUE Control + CTC