

i-5 RGBW - DMX protocol



Protocol rev. 3

Mode
3 channels (Full Color Calibrated)

Valid from firmware version
2.51

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

CALIBRATED mode, RED / GREEN / BLUE Control

i-5 RGBW - DMX protocol



Protocol rev. 3

Mode
4 channels (RAW)

Valid from firmware version
2.51

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

i-5 RGBW - DMX protocol

Protocol rev. 3



Mode
6 channels (Full Color Calibrated)

Valid from firmware version
2.51

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	4	0,0%	1,6%	No CTC (RAW)		182 (71,3%)	Fade
		5	255	2,0%	100,0%	2000K - 10000K See CTC Chart			
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

CALIBRATED mode, RED / GREEN / BLUE Control

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Protocol rev. 3



Mode
6 channels (RAW)

Valid from firmware version
2.51

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

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Protocol rev. 3

Mode
8 channels (16 Bit, RAW)

Valid from firmware version
2.51

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

i-5 RGBW - DMX protocol



Protocol rev. 3

Mode
9 channels (16 Bit, RAW)

Valid from firmware version
2.51

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

i-5 RGBW - DMX protocol



Protocol rev. 3

Mode
10 channels (16 Bit, RAW)

Valid from firmware version
2.51

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

RAW mode, 16 Bit, RED / GREEN / BLUE / WHITE Control