

Q-7 - DMX Protocol



Protocol Rev. 2

Mode
3 Channels (Full Color Calibrated)

Valid From Firmware Version
2.43

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

Q-7 - DMX Protocol



Protocol Rev. 2

Mode
4 Channels (RAW)

Valid From Firmware Version
2.43

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 RED -> Maximum WHITE		0 (0%)	Fade

RAW mode, RED / GREEN / BLUE / WHITE Control

Q-7 - DMX Protocol



Protocol Rev. 2

Mode
6 Channels (RAW)

Valid From Firmware Version
2.43

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 RED -> Maximum WHITE		0 (0%)	Fade

RAW mode, RED / GREEN / BLUE / WHITE Control

Q-7 - DMX Protocol



Protocol Rev. 2

Mode
6 Channels (CTC)

Valid From Firmware Version
2.43

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%	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

Q-7 - DMX Protocol



Protocol Rev. 2

Mode
8 Channels Mode (RAW) XC-5 Emulation Mode

Valid From Firmware Version
2.43

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%	Short ON Puls -> Long ON Puls	Short -> Long	0 (0%)	Fade
3	RATE	0 255	0,0% 100,0%	Slow RATE -> Fast RATE	Slow -> Fast	0 (0%)	Fade
4	EFFECT	0 255	0,0% 100,0%	NOT IMPLEMENTED!		0 (0%)	Fade
5	RED	0 255	0,0% 100,0%	No GREEN -> Maximum GREEN		0 (0%)	Fade
6	GREEN	0 255	0,0% 100,0%	No BLUE -> Maximum BLUE		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 BLUE -> Maximum BLUE		0 (0%)	Fade

RAW mode, XC-5 Emulation Mode - RED / GREEN / BLUE / WHITE Control