

Q-2W - DMX protocol

Protocol rev. 1



Mode
14 channels, 8 Bit

Valid from firmware version
1.20

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	Panel 1	0	255	0,0%	100,0%	No light -> Maximum light	Panel 1	0 (0%)	Fade
4	Panel 2	0	255	0,0%	100,0%	No light -> Maximum light	Panel 2	0 (0%)	Fade
5	Panel 3	0	255	0,0%	100,0%	No light -> Maximum light	Panel 3	0 (0%)	Fade
6	Panel 4	0	255	0,0%	100,0%	No light -> Maximum light	Panel 4	0 (0%)	Fade
7	Panel 5	0	255	0,0%	100,0%	No light -> Maximum light	Panel 5	0 (0%)	Fade
8	Panel 6	0	255	0,0%	100,0%	No light -> Maximum light	Panel 6	0 (0%)	Fade
9	Panel 7	0	255	0,0%	100,0%	No light -> Maximum light	Panel 7	0 (0%)	Fade
10	Panel 8	0	255	0,0%	100,0%	No light -> Maximum light	Panel 8	0 (0%)	Fade
11	Panel 9	0	255	0,0%	100,0%	No light -> Maximum light	Panel 9	0 (0%)	Fade
12	Panel 10	0	255	0,0%	100,0%	No light -> Maximum light	Panel 10	0 (0%)	Fade
13	Panel 11	0	255	0,0%	100,0%	No light -> Maximum light	Panel 11	0 (0%)	Fade
14	Panel 12	0	255	0,0%	100,0%	No light -> Maximum light	Panel 12	0 (0%)	Fade

8 Bit, 12 segments

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Mode
12 channels, 8 Bit

Valid from firmware version
1.20

Channel	Name	DMX value	DMX Percentage	Description	Info	Default DMX value	Fader type
1	Panel 1	0 255	0,0% 100,0%	No light -> Maximum light	Panel 1	0 (0%)	Fade
2	Panel 2	0 255	0,0% 100,0%	No light -> Maximum light	Panel 2	0 (0%)	Fade
3	Panel 3	0 255	0,0% 100,0%	No light -> Maximum light	Panel 3	0 (0%)	Fade
4	Panel 4	0 255	0,0% 100,0%	No light -> Maximum light	Panel 4	0 (0%)	Fade
5	Panel 5	0 255	0,0% 100,0%	No light -> Maximum light	Panel 5	0 (0%)	Fade
6	Panel 6	0 255	0,0% 100,0%	No light -> Maximum light	Panel 6	0 (0%)	Fade
7	Panel 7	0 255	0,0% 100,0%	No light -> Maximum light	Panel 7	0 (0%)	Fade
8	Panel 8	0 255	0,0% 100,0%	No light -> Maximum light	Panel 8	0 (0%)	Fade
9	Panel 9	0 255	0,0% 100,0%	No light -> Maximum light	Panel 9	0 (0%)	Fade
10	Panel 10	0 255	0,0% 100,0%	No light -> Maximum light	Panel 10	0 (0%)	Fade
11	Panel 11	0 255	0,0% 100,0%	No light -> Maximum light	Panel 11	0 (0%)	Fade
12	Panel 12	0 255	0,0% 100,0%	No light -> Maximum light	Panel 12	0 (0%)	Fade

8 Bit, 12 segments - Segment control only

Q-2W - DMX protocol

Protocol rev. 1



Mode
24 channels, 16 Bit

Valid from firmware version
1.20

Channel	Name	DMX value	DMX Percentage	Description	Info	Default DMX value	Fader type
1 2	Panel 1	0 65535	0,0% 100,0%	No light -> Maximum light	Panel 1	0 (0%)	Fade
3 4	Panel 2	0 65535	0,0% 100,0%	No light -> Maximum light	Panel 2	0 (0%)	Fade
5 6	Panel 3	0 65535	0,0% 100,0%	No light -> Maximum light	Panel 3	0 (0%)	Fade
7 8	Panel 4	0 65535	0,0% 100,0%	No light -> Maximum light	Panel 4	0 (0%)	Fade
9 10	Panel 5	0 65535	0,0% 100,0%	No light -> Maximum light	Panel 5	0 (0%)	Fade
11 12	Panel 6	0 65535	0,0% 100,0%	No light -> Maximum light	Panel 6	0 (0%)	Fade
13 14	Panel 7	0 65535	0,0% 100,0%	No light -> Maximum light	Panel 7	0 (0%)	Fade
15 16	Panel 8	0 65535	0,0% 100,0%	No light -> Maximum light	Panel 8	0 (0%)	Fade
17 18	Panel 9	0 65535	0,0% 100,0%	No light -> Maximum light	Panel 9	0 (0%)	Fade
19 20	Panel 10	0 65535	0,0% 100,0%	No light -> Maximum light	Panel 10	0 (0%)	Fade
21 22	Panel 11	0 65535	0,0% 100,0%	No light -> Maximum light	Panel 11	0 (0%)	Fade
23 24	Panel 12	0 65535	0,0% 100,0%	No light -> Maximum light	Panel 12	0 (0%)	Fade

16 Bit, 12 segments - Segment control only

Q-2W - DMX protocol

Protocol rev. 1



Mode
1 channels, 8 Bit

Valid from firmware version
1.20

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	All Panels	0 (0%)	Fade

8 Bit, 1 segments - Segment control only

Q-2W - DMX protocol

Protocol rev. 1



Mode
3 channels, 8 Bit

Valid from firmware version
1.20

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	Left 4 Panels	0 (0%)	Fade
2	Intensity	0 255	0,0% 100,0%	No light -> Maximum light	Center 4 Panels	0 (0%)	Fade
3	Intensity	0 255	0,0% 100,0%	No light -> Maximum light	Right 4 Panels	0 (0%)	Fade

8 Bit, 3 segments - Segment control only

Q-2W - DMX protocol

Protocol rev. 1



Mode
6 channels, 16 Bit

Valid from firmware version
1.20

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	Left 4 Panels	0 (0%)	Fade
3 4	Intensity	0 65535	0,0% 100,0%	No light -> Maximum light	Center 4 Panels	0 (0%)	Fade
5 6	Intensity	0 65535	0,0% 100,0%	No light -> Maximum light	Right 4 Panels	0 (0%)	Fade

16 Bit, 3 segments - Segment control only