

## REDMix 3•192 - DMX protocol

Version 1.1

Mode/Channel					Value	Function	Type of control
1	2	3	4	5			
-	-	1	1	-	0 - 255	<b>Red LEDs - All Arrays</b> Red LEDs saturation control (0-100%)	proportional
-	-	2	2	-	0 - 255	<b>Green LEDs - All Arrays</b> Green LEDs saturation control (0-100%)	proportional
-	-	3	3	-	0 - 255	<b>Blue LEDs - All Arrays</b> Blue LEDs saturation control (0-100%)	proportional
-	-	4	4	-	0 - 255	<b>White LEDs - All Arrays</b> White LEDs saturation control (0-100%)	proportional
1	1	-	-	5	0 - 255	<b>Red LEDs - Array 1</b> Red LEDs saturation control (0-100%)	proportional
2	2	-	-	6	0 - 255	<b>Green LEDs - Array 1</b> Green LEDs saturation control (0-100%)	proportional
3	3	-	-	7	0 - 255	<b>Blue LEDs - Array 1</b> Blue LEDs saturation control (0-100%)	proportional
4	4	-	-	8	0 - 255	<b>White LEDs - Array 1</b> White LEDs saturation control (0-100%)	proportional
5	5	-	-	9	0 - 255	<b>Red LEDs - Array 2</b> Red LEDs saturation control (0-100%)	proportional
6	6	-	-	10	0 - 255	<b>Green LEDs - Array 2</b> Green LEDs saturation control (0-100%)	proportional
7	7	-	-	11	0 - 255	<b>Blue LEDs - Array 2</b> Blue LEDs saturation control (0-100%)	proportional
8	8	-	-	12	0 - 255	<b>White LEDs - Array 2</b> White LEDs saturation control (0-100%)	proportional
9	9	-	-	13	0 - 255	<b>Red LEDs - Array 3</b> Red LEDs saturation control (0-100%)	proportional
10	10	-	-	14	0 - 255	<b>Green LEDs - Array 3</b> Green LEDs saturation control (0-100%)	proportional
11	11	-	-	15	0 - 255	<b>Blue LEDs - Array 3</b> Blue LEDs saturation control (0-100%)	proportional
12	12	-	-	16	0 - 255	<b>White LEDs - Array 3</b> White LEDs saturation control (0-100%)	proportional
13	13	-	-	17	0 - 255	<b>Red LEDs - Array 4</b> Red LEDs saturation control (0-100%)	proportional
14	14	-	-	18	0 - 255	<b>Green LEDs - Array 4</b> Green LEDs saturation control (0-100%)	proportional

Mode/Channel					Value	Function	Type of control
1	2	3	4	5			
15	15	-	-	19	0 - 255	<b>Blue LEDs - Array 4</b> Blue LEDs saturation control (0-100%)	proportional
16	16	-	-	20	0 - 255	<b>White LEDs - Array 4</b> White LEDs saturation control (0-100%)	proportional
17	-	5	-	1	0 - 7	<b>Colour Macros</b> No function	
					8 - 15	Macro 1	step
					16 - 23	Macro 2	step
					24 - 31	Macro 3	step
					32 - 39	Macro 4	step
					40 - 47	Macro 5	step
					48 - 55	Macro 6	step
					56 - 63	Macro 7	step
					64 - 71	Macro 8	step
					72 - 79	Macro 9	step
					80 - 87	Macro 10	step
					88 - 95	Macro 11	step
					96 - 103	Macro 12	step
					104 - 111	Macro 13	step
					112 - 119	Macro 14	step
					120 - 127	Macro 15	step
					128 - 135	Macro 16	step
					136 - 143	Macro 17	step
					144 - 151	Macro 18	step
					152 - 159	Macro 19	step
					160 - 167	Macro 20	step
					168 - 175	Macro 21	step
					176 - 183	Macro 22	step
					184 - 191	Macro 23	step
					192 - 199	Macro 24	step
					200 - 207	Macro 25	step
					208 - 215	Macro 26	step
					216 - 223	Macro 27	step
					224 - 231	Macro 28	step
					232 - 239	Macro 29	step
					240 - 247	Macro 30	step
					248 - 255	Macro 31	step
18	17	6	-	2	0-31	<b>Shutter, Strobe</b> Shutter closed	step
					32-63	Shutter open	step
					64-95	Strobe-effect from slow to fast	proportional
					96-127	Shutter open	step
					128-143	Opening pulses in sequences slow--> fast	proportional
					144-159	Closing pulses in sequences fast --> slow	proportional
					160-191	Shutter open	step
					192-223	Random strobe-effects from slow to fast	proportional
					224-255	Shutter open	step

Mode/Channel					Value	Function	Type of control
1	2	3	4	5			
19	18	7	-	3	0 - 255	<b>Dimmer</b> Dimmer intensity from 0% to 100%	proportional
20	19	8	-	4	0 - 255	<b>Dimmer, fine</b> Fine intensity from low to high	proportional