

REDWash 3•192 - DMX protocol

Version 1.0

| Mode/Channel | | | | Value | Function | Type of control |
|--------------|---------------------------------------|--------------|---|-----------|---|-----------------|
| 1 | 2 | 3 | 4 | | | |
| 1 | 1 | 1 | 1 | 0 - 255 | Pan Pan movement by 530° | proportional |
| 2 | - | 2 | - | 0 - 255 | Pan Fine Fine control of pan movement | proportional |
| 3 | 2 | 3 | 2 | 0 - 255 | Tilt Tilt movement by 280° | proportional |
| 4 | - | 4 | - | 0 - 255 | Tilt fine Fine control of tilt movement | proportional |
| 5 | 3 | 5 | 3 | 0 | Pan/Tilt speed , Pan/Tilt time Max. speed (tracking mode) | step |
| | | | | 1 - 255 | <i>P./T. speed-set Speed Mode in menu: Pan/Tilt Mode</i> Speed from max. to min. (vector mode) | proportional |
| | | | | 1 - 255 | <i>P./T. time - set Time Mode in menu: Pan/Tilt Mode</i> Time from 0.1 s to 25.5 s. | proportional |
| 6 | - | 6 | - | 0 - 9 | Pan/Tilt macro selection Disabled pan/tilt macro | step |
| | | | | 10 - 31 | Reserved | step |
| | | | | 32 - 63 | Figure of circle (from small to large) | proportional |
| | | | | 64 - 95 | Figure of horizontal eight (from small to large) | proportional |
| | | | | 96 - 127 | Figure of vertical eight (from small to large) | proportional |
| | | | | 128 - 159 | Figure of rectangle (from small to large) | proportional |
| | | | | 160 - 191 | Figure of triangle (from small to large) | proportional |
| | | | | 192 - 223 | Figure of star (from small to large) | proportional |
| 224 - 255 | Figure of cross (from small to large) | proportional | | | | |
| 7 | - | 7 | - | 0 | Pan/Tilt macro speed <i>(Set pan/tilt speed (channel 5/3) at 0)</i> No macro generation | step |
| | | | | 1 - 127 | Macro generation from fast to slow-forwards | proportional |
| | | | | 128 - 129 | No macro generation | step |
| | | | | 130 - 255 | Macro generation from slow to fast-backwards | proportional |
| 8 | 4 | 8 | 4 | 0 - 49 | Power/Special functions Reserved <i>To activate following functions, stop in DMX value for at least 3 sec. and shutter must be closed at least 3 sec. („Shutter” channel 26,22,14 must be at range of 0-31 DMX).Corresponding menu items are temporarily overridden.</i> | |
| | | | | 50 - 59 | Pan/Tilt speed mode | step |
| | | | | 60 - 69 | Pan/Tilt time mode | step |
| | | | | 70 - 79 | Blackout while pan/tilt moving | step |
| | | | | 80 - 89 | Disabled blackout while pan/tilt moving | step |
| | | | | 90 - 199 | Reserved <i>To activate following function, stop in DMX value for at least 3 sec.</i> | |
| | | | | 200 - 209 | Pan/Tilt reset | step |
| 210 - 255 | Reserved | | | | | |
| - | - | 9 | 5 | 0 - 255 | Red LEDs - All Arrays Red LEDs saturation control (0-100%) | proportional |
| - | - | 10 | 6 | 0 - 255 | Green LEDs - All Arrays Green LEDs saturation control (0-100%) | proportional |
| - | - | 11 | 7 | 0 - 255 | Blue LEDs - All Arrays Blue LEDs saturation control (0-100%) | proportional |
| - | - | 12 | 8 | 0 - 255 | White LEDs - All Arrays White LEDs saturation control (0-100%) | proportional |
| 9 | 5 | - | - | 0 - 255 | Red LEDs - Array 1 Red LEDs saturation control (0-100%) | proportional |
| 10 | 6 | - | - | 0 - 255 | Green LEDs - Array 1 Green LEDs saturation control (0-100%) | proportional |
| 11 | 7 | - | - | 0 - 255 | Blue LEDs - Array 1 Blue LEDs saturation control (0-100%) | proportional |

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| 1 | 2 | 3 | 4 | | | |
| 12 | 8 | - | - | 0 - 255 | White LEDs - Array 1 White LEDs saturation control (0-100%) | proportional |
| 13 | 9 | - | - | 0 - 255 | Red LEDs - Array 2 Red LEDs saturation control (0-100%) | proportional |
| 14 | 10 | - | - | 0 - 255 | Green LEDs - Array 2 Green LEDs saturation control (0-100%) | proportional |
| 15 | 11 | - | - | 0 - 255 | Blue LEDs - Array 2 Blue LEDs saturation control (0-100%) | proportional |
| 16 | 12 | - | - | 0 - 255 | White LEDs - Array 2 White LEDs saturation control (0-100%) | proportional |
| 17 | 13 | - | - | 0 - 255 | Red LEDs - Array 3 Red LEDs saturation control (0-100%) | proportional |
| 18 | 14 | - | - | 0 - 255 | Green LEDs - Array 3 Green LEDs saturation control (0-100%) | proportional |
| 19 | 15 | - | - | 0 - 255 | Blue LEDs - Array 3 Blue LEDs saturation control (0-100%) | proportional |
| 20 | 16 | - | - | 0 - 255 | White LEDs - Array 3 White LEDs saturation control (0-100%) | proportional |
| 21 | 17 | - | - | 0 - 255 | Red LEDs - Array 4 Red LEDs saturation control (0-100%) | proportional |
| 22 | 18 | - | - | 0 - 255 | Green LEDs - Array 4 Green LEDs saturation control (0-100%) | proportional |
| 23 | 19 | - | - | 0 - 255 | Blue LEDs - Array 4 Blue LEDs saturation control (0-100%) | proportional |
| 24 | 20 | - | - | 0 - 255 | White LEDs - Array 4 White LEDs saturation control (0-100%) | proportional |
| 25 | 21 | 13 | - | 0 - 7 | Colour Macros 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 |

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|--------------|----|----|---|---|--|-----------------|
| 1 | 2 | 3 | 4 | | | |
| 26 | 22 | 14 | - | 0-31 Shutter closed 32-63 Shutter open 64-95 Strobe-effect from slow to fast 96-127 Shutter open 128-143 Opening pulses in sequences slow--> fast 144-159 Closing pulses in sequences fast --> slow 160-191 Shutter open 192-223 Random strobe-effects from slow to fast 224-255 Shutter open | step step proportional step proportional proportional step proportional step | |
| 27 | 23 | 15 | - | 0 - 255 | Dimmer Dimmer intensity from 0% to 100% | proportional |
| 28 | 24 | 16 | - | 0 - 255 | Dimmer, fine Fine intensity from low to high | proportional |