

## LED Wash 136 LT - DMX protocol,version 1.0

| Mode 1 Channel | Mode 2 Channel | Value                                 | Function  | Type of control |
|----------------|----------------|---------------------------------------|---|-----------------|
| 1              | 1              | 0 - 255                               | <b>Pan</b><br>Pan movement by 530°  | proportional    |
| 2              |                | 0 - 255                               | <b>Pan Fine</b><br>Fine control of pan movement   | proportional    |
| 3              | 2              | 0 - 255                               | <b>Tilt</b><br>Tilt movement by 280°  | proportional    |
| 4              |                | 0 - 255                               | <b>Tilt fine</b><br>Fine control of tilt movement   | proportional    |
| 5              | 3              | 0                                     | <b>Pan/Tilt speed, Pan/Tilt time</b><br>Max. speed (tracking mode)                                    | step            |
|                |                | 1 - 255                               | <b><i>P./T. speed-set Speed Mode in menu: P./T. Mode</i></b><br>Speed from max. to min. (vector mode) | proportional    |
|                |                | 1 - 255                               | <b><i>P./T. time - set Time Mode in menu: Pan/Tilt Mode</i></b><br>Time from 0,1 s to 25.5 s.         | proportional    |
| 6              |                | 0 - 9                                 | <b>Pan/Tilt macro selection</b><br>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 five-pointed star (from small to large)   | proportional    |
|                | 224 - 255      | Figure of cross (from small to large) | proportional  |                 |
| 7              |                | 0                                     | <b>Pan/Tilt macro speed</b><br><i>Set pan/tilt speed (channel 5) at 0 DMX</i>                         | step            |
|                |                | 1-127                                 | No macro generation   | proportional    |
|                |                | 128-129                               | Macro generation from fast to slow-forwards   | step            |
|                |                | 130-255                               | No macro generation   | proportional    |
| 8              |                | 0 - 129                               | <b>Special functions</b><br>Reserved  | step            |
|                |                | 130 - 139                             | Pan/tilt reset  |                 |
|                |                | 140 - 255                             | Reserved  |                 |
| 9              | 4              | 0-255                                 | <b>Red LED</b><br>Red LED saturation control (0-100%)   | proportional    |
| 10             | 5              | 0-255                                 | <b>Green LED</b><br>Green LED saturation control (0-100%)   | proportional    |
| 11             | 6              | 0-255                                 | <b>Blue LED</b><br>Blue LED saturation control (0-100%)   | proportional    |
| 12             |                | 0-7                                   | <b>Colour MACRO SELECTION</b><br>No function  | step            |
|                |                | 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  |                 |

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|----------------|----------------|---------|---|-----------------|
| 12             |                | 136-143 | Macro 17  | step            |
|                |                | 142-151 | 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-Rainbow effect                           | step            |
| 13             | 7              | 0-31    | <b>SHUTTER/STROBE</b><br>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            |
| 14             | 8              | 0-255   | <b>DIMMER</b><br>Dimmer intensity from 0% to 100% | proportional    |