

## RECESSED WASH 150 DMX PROTOCOL - 16 bit

| 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              | 3              | 0-255  | <b>Tilt</b><br>Tilt movement by 280°  | proportional   |
| 3              | 2              | 0-255  | <b>Pan fine</b><br>Fine control of pan movement   | proportional   |
| 4              | 4              | 0-255  | <b>Tilt fine</b><br>Fine control of tilt movement   | proportional   |
| 5              | 5              | 0<br>1-249<br>250-252<br>253-255   | <b>Speed of PAN/TILT movement</b><br>Max. speed (tracking mode)<br>From max. speed to min.speed (vector mode)<br>Max. speed(track.mode),black-out while colour or gobo changes<br>Max. speed(vector mode),black-out while PAN/TILT moving or colour or gobo changes   | step<br>proportional<br>step<br>step   |
| 6              | 6              | 0<br>10<br>21<br>32<br>42<br>53<br>64<br>74<br>85<br>96<br>106<br>117<br>128-189<br>190-193<br>194-255               | <b>Colours</b><br>Open/white<br>Turquoise<br>Red<br>Cyan<br>Light green<br>Magenta<br>Light Blue<br>Yellow<br>Green<br>Pink<br>Blue<br>Orange<br>Forwards rainbow effect from fast to slow<br>No rotation<br>Backwards rainbow effect from slow to fast   | proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional |
| 7              | 7              | 0-255  | <b>Dimmer intensity</b><br>Intensity from 0 to 100%   | proportional   |
| 8              | 8              | 0<br>1-63<br>64-95<br>96-127<br>128-139<br>140-159<br>160-175<br>176-191<br>192-223<br>224-229<br>230-239<br>240-255 | <b>Lamp on/off,Shutter,Strobe,Reset</b><br>Shutter closed<br>Light intensity from 0 to 100%<br>Shutter open<br>Strobe-effect from slow to fast (max 8 flashes/s)<br>Lamp on,reset,shutter closed<br>Shutter closed<br>Pulse-effect in sequences with increasing speed<br>Pulse-effect in sequences with decreasing speed<br>Random strobe effect with increasing speed<br>Shutter open<br>Lamp off after 3 s,shutter open<br>Shutter open | step<br>proportional<br>step<br>proportional<br>step<br>step<br>proportional<br>proportional<br>proportional<br>step<br>step<br>step   |

## RECESSED WASH 150 DMX PROTOCOL - 8 bit

| Mode 3 Channel | Mode 4 Channel | Value  | Function  | Type of control  |
|----------------|----------------|--|---|--|
| 1              | 1              | 0-255  | <b>Pan</b><br>Pan movement by 530°  | proportional   |
| 2              | 2              | 0-255  | <b>Tilt</b><br>Tilt movement by 280°  | proportional   |
| 3              |                | 0<br>1-249<br>250-252<br>253-255   | <b>Speed of PAN/TILT movement</b><br>Max. speed (tracking mode)<br>From max. speed to min.speed (vector mode)<br>Max. speed(track.mode),black-out while colour or gobo changes<br>Max. speed(vector mode),black-out while PAN/TILT moving or colour or gobo changes   | step<br>proportional<br>step<br>step   |
| 4              | 3              | 0<br>10<br>21<br>32<br>42<br>53<br>64<br>74<br>85<br>96<br>106<br>117<br>128-189<br>190-193<br>194-255               | <b>Colours</b><br>Open/white<br>Turquoise<br>Red<br>Cyan<br>Light green<br>Magenta<br>Light Blue<br>Yellow<br>Green<br>Pink<br>Blue<br>Orange<br>Forwards rainbow effect from fast to slow<br>No rotation<br>Backwards rainbow effect from slow to fast   | proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional<br>proportional |
| 5              | 4              | 0-255  | <b>Dimmer intensity</b><br>Intensity from 0 to 100%   | proportional   |
|                | 5              |  | <b>No function</b>  |  |
| 6              | 6              | 0<br>1-63<br>64-95<br>96-127<br>128-139<br>140-159<br>160-175<br>176-191<br>192-223<br>224-229<br>230-239<br>240-255 | <b>Lamp on/off,Shutter,Strobe,Reset</b><br>Shutter closed<br>Light intensity from 0 to 100%<br>Shutter open<br>Strobe-effect from slow to fast (max 8 flashes/s)<br>Lamp on,reset,shutter closed<br>Shutter closed<br>Pulse-effect in sequences with increasing speed<br>Pulse-effect in sequences with decreasing speed<br>Random strobe effect with increasing speed<br>Shutter open<br>Lamp off after 3 s,shutter open<br>Shutter open | step<br>proportional<br>step<br>proportional<br>step<br>step<br>proportional<br>proportional<br>proportional<br>proportional<br>step<br>step<br>step<br>step   |