

Robin 600 LEDWash - DMX chart

Version 1.7

| Mode/Channel | | | | | | Value | Function | Type of control |
|--------------|----|---|---|---|---|---|---|--|
| 1 | 2 | 3 | 4 | 5 | 6 | | | |
| 1 | 1 | 1 | 1 | 1 | 1 | 0-255 | Pan (8 bit) Pan movement by 450° | proportional |
| 2 | 2 | 2 | 2 | 2 | 2 | 0-255 | Pan Fine (16 bit) Fine control of pan movement | proportional |
| 3 | 3 | 3 | 3 | 3 | 3 | 0-255 | Tilt (8bit) Tilt movement by 300° | proportional |
| 4 | 4 | 4 | 4 | 4 | 4 | 0-255 | Tilt fine (16 bit) Fine control of tilt movement | proportional |
| 5 | 5 | 5 | 5 | 5 | 5 | 0 | Pan/Tilt speed, Pan/Tilt time Max. speed (tracking mode) <i>P./T. speed-set Speed Mode in menu: P./T. Mode</i> Speed from max. to min. (vector mode) <i>P./T. time - set Time Mode in menu: Pan/Tilt Mode</i> Time from 0.1 s to 25.5 s. | step proportional proportional |
| 6 | 6 | 6 | 6 | 6 | 6 | 0 - 9 10 - 14 15 - 19 20 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 99 100-109 110-139 140 - 149 150 - 179 180 - 189 190 - 199 200 - 209 210 - 239 240 241 - 255 | Special functions Reserved <i>To activate following functions , stop in DMX value for at least 3sec. and shutter must be closed at least 3sec. (Shutter channel 35/19/14/9/9 /22 must be at range of 0-31DMX). Corresponding menu items are temporarily overridden except DMX Input.</i> DMX input: Wired DMX * DMX input: Wireless DMX* * function is active only 10 seconds after switching the fixture on Reserved Pan/Tilt speed mode Pan/Tilt time mode Blackout while pan/tilt moving Disabled blackout while pan/tilt moving Theatre mode On Theatre mode Off Reserved <i>To activate following reset function, stop in DMX value for at least 3 sec.</i> Pan/Tilt reset Reserved Zoom reset Reserved Total reset Reserved Disable "Silent mode" of fans <i>To activate "Silent ", stop in range of 241-255 at least 3 sec.</i> "Silent mode of fans":fans noise from min. to max. | step step step step step step step step step step step step step |
| - | 7 | 7 | - | - | - | 0-255 | Red (8 bit) - all zones Red LEDs saturation control (0-100%) | proportional |
| - | 8 | - | - | - | - | 0-255 | Red fine(16 bit) - all zones Fine red LEDs saturation control | proportional |
| - | 9 | 8 | - | - | - | 0-255 | Green (8 bit) - all zones Green LEDs saturation control (0-100%) | proportional |
| - | 10 | - | - | - | - | 0-255 | Green fine (16 bit) - all zones Fine green LEDs saturation control | proportional |
| - | 11 | 9 | - | - | - | 0-255 | Blue (8 bit) - all zones Blue LEDs saturation control (0-100%) | proportional |
| - | 12 | - | - | - | - | 0-255 | Blue fine (16 bit) - all zones Fine blue LEDs saturation control | proportional |

| Mode/Channel | | | | | | Value | Function | Type of control |
|--------------|----|----|---|----|----|-------|--|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 | | | |
| - | 13 | 10 | - | - | - | 0-255 | White (8 bit) - all zones White LEDs saturation control (0-100%) | proportional |
| - | 14 | - | - | - | - | 0-255 | White fine (16 bit) - all zones Fine white LEDs saturation control | proportional |
| 7 | - | - | - | 14 | 7 | 0-255 | Red (8 bit) - zone 1 Red LEDs saturation control (0-100%) | proportional |
| 8 | - | - | - | 15 | - | 0-255 | Red fine (16 bit) - zone 1 Fine red LEDs saturation control | proportional |
| 9 | - | - | - | 16 | 8 | 0-255 | Green (8 bit) - zone 1 Green LEDs saturation control (0-100%) | proportional |
| 10 | - | - | - | 17 | - | 0-255 | Green fine (16 bit) - zone 1 Fine green LEDs saturation control | proportional |
| 11 | - | - | - | 18 | 9 | 0-255 | Blue (8 bit) zone 1 Blue LEDs saturation control (0-100%) | proportional |
| 12 | - | - | - | 19 | - | 0-255 | Blue (16 bit) zone 1 Fine blue LEDs saturation control | proportional |
| 13 | - | - | - | 20 | 10 | 0-255 | White (8 bit) - zone 1 White LEDs saturation control (0-100%) | proportional |
| 14 | - | - | - | 21 | - | 0-255 | White (16 bit) - zone 1 Fine white LEDs saturation control | proportional |
| 15 | - | - | - | 22 | 11 | 0-255 | Red (8 bit) - zone 2 Red LEDs saturation control (0-100%) | proportional |
| 16 | - | - | - | 23 | - | 0-255 | Red fine (16 bit) - zone 2 Fine red LEDs saturation control | proportional |
| 17 | - | - | - | 24 | 12 | 0-255 | Green (8 bit) - zone 2 Green LEDs saturation control (0-100%) | proportional |
| 18 | - | - | - | 24 | - | 0-255 | Green fine (16 bit) - zone 2 Fine green LEDs saturation control | proportional |
| 19 | - | - | - | 26 | 13 | 0-255 | Blue (8 bit) - zone 2 Blue LEDs saturation control (0-100%) | proportional |
| 20 | - | - | - | 27 | - | 0-255 | Blue fine (16 bit) - zone 2 Fine blue LEDs saturation control | proportional |
| 21 | - | - | - | 28 | 14 | 0-255 | White (8 bit) - zone 2 White LEDs saturation control (0-100%) | proportional |
| 22 | - | - | - | 29 | - | 0-255 | White (16 bit) - zone 2 Fine white LEDs saturation control | proportional |
| 23 | - | - | - | 30 | 15 | 0-255 | Red (8 bit) - zone 3 Red LEDs saturation control (0-100%) | proportional |
| 24 | - | - | - | 31 | - | 0-255 | Red fine (16 bit) - zone 3 Fine red LEDs saturation control | proportional |
| 25 | - | - | - | 32 | 16 | 0-255 | Green (8 bit) - zone 3 Green LEDs saturation control (0-100%) | proportional |
| 26 | - | - | - | 33 | - | 0-255 | Green fine (16 bit) - zone 3 Fine green LEDs saturation control | proportional |
| 27 | - | - | - | 34 | 17 | 0-255 | Blue (8 bit) zone 3 Blue LEDs saturation control (0-100%) | proportional |
| 28 | - | - | - | 35 | - | 0-255 | Blue fine (16 bit) zone 3 Fine blue LEDs saturation control | proportional |
| 29 | - | - | - | 36 | 18 | 0-255 | White (8 bit) zone 3 White LEDs saturation control (0-100%) | proportional |
| 30 | - | - | - | 37 | - | 0-255 | White fine (16 bit) zone 3 Fine white LEDs saturation control (| proportional |

| Mode/Channel | | | | | | Value | Function | Type of control |
|--------------|--------------|----|----|----|----|---------|--|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 | | | |
| 35 | 19 | 14 | 9 | 9 | 22 | 0-31 | Shutter/Strobe Shutter closed Strobe effect from slow--> fast (zone 3 only) Strobe effect from slow--> fast (All zones together) -----Set value on Virtual colour wheel----- Zone effects+rainbow effects speed control, slow--> fast Zone effects+rainbow effects speed control, fast--> slow / opposite direction/ ----- Opening pulses in sequences from slow--> fast (All zones together) Closing pulses in sequences from fast--> slow (All zones together) Random strobe effect from slow--> fast (random zone) Random strobe effect from slow--> fast (random zone + random strobe) Random strobe effect from slow --> fast (All zones together) Shutter open | step |
| | | | | | | 32-63 | | proportional |
| | | | | | | 64-95 | | proportional |
| | | | | | | 96-111 | | proportional |
| | | | | | | 112-127 | | proportional |
| | | | | | | 128-143 | | proportional |
| | | | | | | 144-159 | | proportional |
| | | | | | | 160-175 | | proportional |
| 176-191 | proportional | | | | | | | |
| 192-223 | proportional | | | | | | | |
| 224-255 | step | | | | | | | |
| 36 | 20 | 15 | 10 | 10 | 23 | 0-255 | Dimmer (8 bit) Dimmer intensity from 0% to 100% | proportional |
| 37 | 21 | - | - | 11 | 24 | 0-255 | Dimmer fine (16 bit) Fine dimming | proportional |

**In the Halogen lamp mode the Dimmer channel imitates behaviour of the halogen lamp during dimming.

Virtual colour wheel - colour mixing chart

| Scale* | Virtual Colour Wheel | Red | Green | Blue | White |
|--------|----------------------------|-----|-------|------|-------|
| | DMX | DMX | DMX | DMX | DMX |
| | 1-2 (White 2700K) | 255 | 168 | 0 | 83 |
| | 3 (White 2700K /Hal.mode/) | 255 | 168 | 0 | 83 |
| | 4-5 (White 3200K) | 255 | 180 | 0 | 155 |
| | 6 (White 3200K /Hal.mode/) | 255 | 180 | 0 | 155 |
| | 7-9 (White 4200K) | 247 | 214 | 19 | 255 |
| | 10-12 (White 5600K) | 217 | 251 | 50 | 255 |
| | 13-15 (White 8000K) | 168 | 255 | 84 | 255 |
| | 16 | 0 | 0 | 255 | 0 |
| | 17 | 0 | 3 | 255 | 0 |
| | 18 | 0 | 6 | 255 | 0 |
| | 19 | 0 | 9 | 255 | 0 |
| | 20 | 0 | 12 | 255 | 0 |
| | 21 | 0 | 15 | 255 | 0 |
| | 22 | 0 | 18 | 255 | 0 |
| | 23 | 0 | 21 | 255 | 0 |
| | 24 | 0 | 24 | 255 | 0 |
| | 25 | 0 | 27 | 255 | 0 |
| | 26 | 0 | 30 | 255 | 0 |
| | 27 | 0 | 36 | 255 | 0 |
| | 28 | 0 | 41 | 255 | 0 |
| | 29 | 0 | 46 | 255 | 0 |
| | 30 | 0 | 52 | 255 | 0 |
| | 31 | 0 | 58 | 255 | 0 |
| | 32 | 0 | 64 | 255 | 0 |
| | 33 | 0 | 68 | 255 | 0 |
| | 34 | 0 | 74 | 255 | 0 |
| | 35 | 0 | 80 | 255 | 0 |
| | 36 | 0 | 86 | 255 | 0 |
| | 37 | 0 | 92 | 255 | 0 |
| | 38 | 0 | 98 | 255 | 0 |
| | 39 | 0 | 104 | 255 | 0 |
| | 40 | 0 | 110 | 255 | 0 |
| | 41 | 0 | 119 | 255 | 0 |
| | 42 | 0 | 129 | 255 | 0 |
| | 43 | 0 | 138 | 255 | 0 |
| | 44 | 0 | 147 | 255 | 0 |
| | 45 | 0 | 156 | 255 | 0 |
| | 46 | 0 | 165 | 255 | 0 |
| | 47 | 0 | 174 | 255 | 0 |
| | 48 | 0 | 183 | 255 | 0 |
| | 49 | 0 | 192 | 255 | 0 |
| | 50 | 0 | 201 | 255 | 0 |
| | 51 | 0 | 210 | 255 | 0 |
| | 52 | 0 | 219 | 255 | 0 |
| | 53 | 0 | 228 | 255 | 0 |
| | 54 | 0 | 237 | 255 | 0 |
| | 55 | 0 | 246 | 255 | 0 |
| | 56 | 0 | 255 | 255 | 0 |
| | 57 | 0 | 255 | 246 | 0 |
| | 58 | 0 | 255 | 237 | 0 |
| | 59 | 0 | 255 | 228 | 0 |
| | 60 | 0 | 255 | 219 | 0 |
| | 61 | 0 | 255 | 210 | 0 |
| | 62 | 0 | 255 | 201 | 0 |
| | 63 | 0 | 255 | 192 | 0 |

| Scale* | Virtual Colour Wheel | Red | Green | Blue | White |
|--------|----------------------|-----|-------|------|-------|
| | DMX | DMX | DMX | DMX | DMX |
| | 64 | 0 | 255 | 183 | 0 |
| | 65 | 0 | 255 | 174 | 0 |
| | 66 | 0 | 255 | 165 | 0 |
| | 67 | 0 | 255 | 156 | 0 |
| | 68 | 0 | 255 | 147 | 0 |
| | 69 | 0 | 255 | 138 | 0 |
| | 70 | 0 | 255 | 129 | 0 |
| | 71 | 0 | 255 | 119 | 0 |
| | 72 | 0 | 255 | 110 | 0 |
| | 73 | 0 | 255 | 104 | 0 |
| | 74 | 0 | 255 | 98 | 0 |
| | 75 | 0 | 255 | 92 | 0 |
| | 76 | 0 | 255 | 86 | 0 |
| | 77 | 0 | 255 | 80 | 0 |
| | 78 | 0 | 255 | 74 | 0 |
| | 79 | 0 | 255 | 68 | 0 |
| | 80 | 0 | 255 | 64 | 0 |
| | 81 | 0 | 255 | 58 | 0 |
| | 82 | 0 | 255 | 52 | 0 |
| | 83 | 0 | 255 | 46 | 0 |
| | 84 | 0 | 255 | 41 | 0 |
| | 82 | 0 | 255 | 36 | 0 |
| | 86 | 0 | 255 | 30 | 0 |
| | 87 | 0 | 255 | 27 | 0 |
| | 88 | 0 | 255 | 24 | 0 |
| | 89 | 0 | 255 | 21 | 0 |
| | 90 | 0 | 255 | 18 | 0 |
| | 91 | 0 | 255 | 15 | 0 |
| | 92 | 0 | 255 | 12 | 0 |
| | 93 | 0 | 255 | 9 | 0 |
| | 94 | 0 | 255 | 6 | 0 |
| | 95 | 0 | 255 | 3 | 0 |
| | 96 | 0 | 255 | 0 | 0 |
| | 97 | 3 | 255 | 0 | 0 |
| | 98 | 6 | 255 | 0 | 0 |
| | 99 | 9 | 255 | 0 | 0 |
| | 100 | 12 | 255 | 0 | 0 |
| | 101 | 15 | 255 | 0 | 0 |
| | 102 | 18 | 255 | 0 | 0 |
| | 103 | 21 | 255 | 0 | 0 |
| | 104 | 24 | 255 | 0 | 0 |
| | 105 | 27 | 255 | 0 | 0 |
| | 106 | 30 | 255 | 0 | 0 |
| | 107 | 36 | 255 | 0 | 0 |
| | 108 | 41 | 255 | 0 | 0 |
| | 109 | 46 | 255 | 0 | 0 |
| | 110 | 52 | 255 | 0 | 0 |
| | 111 | 58 | 255 | 0 | 0 |
| | 112 | 64 | 255 | 0 | 0 |
| | 113 | 68 | 255 | 0 | 0 |
| | 114 | 74 | 255 | 0 | 0 |
| | 115 | 80 | 255 | 0 | 0 |
| | 116 | 86 | 255 | 0 | 0 |
| | 117 | 92 | 255 | 0 | 0 |
| | 118 | 98 | 255 | 0 | 0 |

| Scale* | Virtual Colour Wheel | Red | Green | Blue | White |
|--------|----------------------|-----|-------|------|-------|
| | DMX | DMX | DMX | DMX | DMX |
| | 119 | 104 | 255 | 0 | 0 |
| | 120 | 110 | 255 | 0 | 0 |
| | 121 | 119 | 255 | 0 | 0 |
| | 122 | 129 | 255 | 0 | 0 |
| | 123 | 138 | 255 | 0 | 0 |
| | 124 | 147 | 255 | 0 | 0 |
| | 125 | 156 | 255 | 0 | 0 |
| | 126 | 165 | 255 | 0 | 0 |
| | 127 | 174 | 255 | 0 | 0 |
| | 128 | 183 | 255 | 0 | 0 |
| | 129 | 192 | 255 | 0 | 0 |
| | 130 | 201 | 255 | 0 | 0 |
| | 131 | 210 | 255 | 0 | 0 |
| | 132 | 219 | 255 | 0 | 0 |
| | 133 | 228 | 255 | 0 | 0 |
| | 134 | 240 | 255 | 0 | 0 |
| | 135 | 255 | 255 | 0 | 0 |
| | 136 | 255 | 246 | 0 | 0 |
| | 137 | 255 | 237 | 0 | 0 |
| | 138 | 255 | 228 | 0 | 0 |
| | 139 | 255 | 219 | 0 | 0 |
| | 140 | 255 | 210 | 0 | 0 |
| | 141 | 255 | 201 | 0 | 0 |
| | 142 | 255 | 192 | 0 | 0 |
| | 143 | 255 | 183 | 0 | 0 |
| | 144 | 255 | 174 | 0 | 0 |
| | 145 | 255 | 165 | 0 | 0 |
| | 146 | 255 | 156 | 0 | 0 |
| | 147 | 255 | 147 | 0 | 0 |
| | 148 | 255 | 138 | 0 | 0 |
| | 149 | 255 | 129 | 0 | 0 |
| | 150 | 255 | 119 | 0 | 0 |
| | 151 | 255 | 110 | 0 | 0 |
| | 152 | 255 | 104 | 0 | 0 |
| | 153 | 255 | 98 | 0 | 0 |
| | 154 | 255 | 92 | 0 | 0 |
| | 155 | 255 | 86 | 0 | 0 |
| | 156 | 255 | 80 | 0 | 0 |
| | 157 | 255 | 74 | 0 | 0 |
| | 158 | 255 | 68 | 0 | 0 |
| | 159 | 255 | 64 | 0 | 0 |
| | 160 | 255 | 58 | 0 | 0 |
| | 161 | 255 | 52 | 0 | 0 |
| | 162 | 255 | 46 | 0 | 0 |
| | 163 | 255 | 41 | 0 | 0 |
| | 164 | 255 | 36 | 0 | 0 |
| | 165 | 255 | 30 | 0 | 0 |
| | 166 | 255 | 27 | 0 | 0 |
| | 167 | 255 | 24 | 0 | 0 |
| | 168 | 255 | 21 | 0 | 0 |
| | 169 | 255 | 18 | 0 | 0 |
| | 170 | 255 | 15 | 0 | 0 |
| | 171 | 255 | 12 | 0 | 0 |
| | 172 | 255 | 9 | 0 | 0 |
| | 173 | 255 | 6 | 0 | 0 |

| Scale* | Virtual Colour Wheel DMX | Red DMX | Green DMX | Blue DMX | White DMX |
|--------|-----------------------------|------------|--------------|-------------|--------------|
| | 174 | 255 | 3 | 0 | 0 |
| | 175 | 255 | 0 | 0 | 0 |
| | 176 | 255 | 0 | 3 | 0 |
| | 177 | 255 | 0 | 6 | 0 |
| | 178 | 255 | 0 | 9 | 0 |
| | 179 | 255 | 0 | 12 | 0 |
| | 180 | 255 | 0 | 15 | 0 |
| | 181 | 255 | 0 | 18 | 0 |
| | 182 | 255 | 0 | 21 | 0 |
| | 183 | 255 | 0 | 24 | 0 |
| | 184 | 255 | 0 | 27 | 0 |
| | 185 | 255 | 0 | 30 | 0 |
| | 186 | 255 | 0 | 36 | 0 |
| | 187 | 255 | 0 | 41 | 0 |
| | 188 | 255 | 0 | 46 | 0 |
| | 189 | 255 | 0 | 52 | 0 |
| | 190 | 255 | 0 | 58 | 0 |
| | 191 | 255 | 0 | 64 | 0 |
| | 192 | 255 | 0 | 68 | 0 |
| | 193 | 255 | 0 | 74 | 0 |
| | 194 | 255 | 0 | 80 | 0 |
| | 195 | 255 | 0 | 86 | 0 |
| | 196 | 255 | 0 | 92 | 0 |
| | 197 | 255 | 0 | 98 | 0 |
| | 198 | 255 | 0 | 104 | 0 |
| | 199 | 255 | 0 | 110 | 0 |
| | 200 | 255 | 0 | 119 | 0 |
| | 201 | 255 | 0 | 129 | 0 |
| | 202 | 255 | 0 | 138 | 0 |
| | 203 | 255 | 0 | 147 | 0 |
| | 204 | 255 | 0 | 156 | 0 |
| | 205 | 255 | 0 | 165 | 0 |
| | 206 | 255 | 0 | 174 | 0 |
| | 207 | 255 | 0 | 183 | 0 |
| | 208 | 255 | 0 | 192 | 0 |
| | 209 | 255 | 0 | 201 | 0 |
| | 210 | 255 | 0 | 210 | 0 |
| | 211 | 255 | 0 | 219 | 0 |
| | 212 | 255 | 0 | 228 | 0 |
| | 213 | 255 | 0 | 237 | 0 |
| | 214 | 255 | 0 | 246 | 0 |
| | 215 | 255 | 0 | 255 | 0 |
| | 216 | 246 | 0 | 255 | 0 |
| | 217 | 237 | 0 | 255 | 0 |
| | 218 | 228 | 0 | 255 | 0 |
| | 219 | 219 | 0 | 255 | 0 |
| | 220 | 210 | 0 | 255 | 0 |
| | 221 | 201 | 0 | 255 | 0 |
| | 222 | 192 | 0 | 255 | 0 |
| | 223 | 183 | 0 | 255 | 0 |
| | 224 | 174 | 0 | 255 | 0 |
| | 225 | 165 | 0 | 255 | 0 |
| | 226 | 156 | 0 | 255 | 0 |
| | 227 | 147 | 0 | 255 | 0 |
| | 228 | 138 | 0 | 255 | 0 |

| Scale* | Virtual Colour Wheel | Red | Green | Blue | White |
|--------|---------------------------------|------|-------|------|-------|
| | DMX | DMX | DMX | DMX | DMX |
| | 229 | 129 | 0 | 255 | 0 |
| | 230 | 119 | 0 | 255 | 0 |
| | 231 | 110 | 0 | 255 | 0 |
| | 232 | 104 | 0 | 255 | 0 |
| | 233 | 98 | 0 | 255 | 0 |
| | 234 | 91 | 0 | 255 | 0 |
| | 235 | 84 | 0 | 255 | 0 |
| | 236 | 77 | 0 | 255 | 0 |
| | 237 | 70 | 0 | 255 | 0 |
| | 238 | 63 | 0 | 255 | 0 |
| | 239 | 56 | 0 | 255 | 0 |
| | 240 | 49 | 0 | 255 | 0 |
| | 241 | 42 | 0 | 255 | 0 |
| | 242 | 35 | 0 | 255 | 0 |
| | 243 | 28 | 0 | 255 | 0 |
| | 244 | 21 | 0 | 255 | 0 |
| | 245 | 14 | 0 | 255 | 0 |
| | 246 | 7 | 0 | 255 | 0 |
| | 247 | 0 | 0 | 255 | 0 |
| | 248-255 (Rainbow+ zone effects) | **** | **** | **** | **** |

* Colour scale as an illustration only

LED zones order

