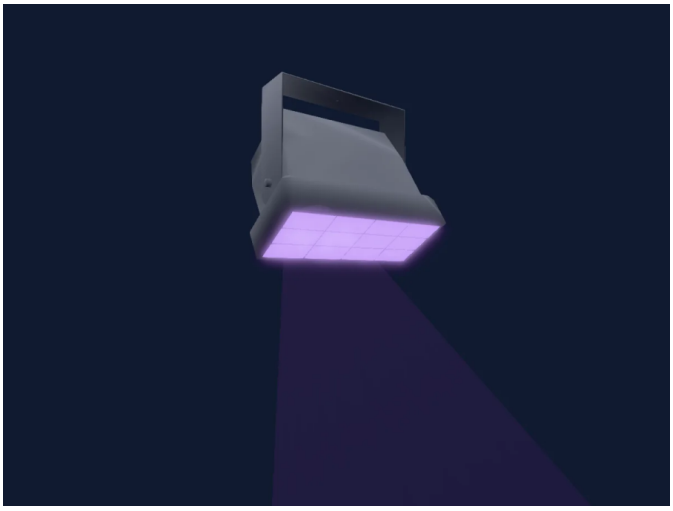
Robe Lighting

# Robin ColorStrobe



| | |
|---|---|
| Manufacturer | **Robe Lighting** |
| Type | **Moving head** |
| DMX modes | **5** |
| DMX footprint | **7, 9, 14, 18, 28 channels** |
| Beam angle | **35°** |
| Tilt range | **180°** |
| Heads / cells | **4** |
| Size (W × H × D) | **451 × 312 × 206 mm** |
| GDTF fixture type | **CE3BA85E-42C3-4162-9A67-1D…** |

## Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Dimmer · Pixel control

## Safety-relevant functions

Service functions · Built-in effect programmes

## DMX modes

| | |
|---|---|
| Mode 5 - 12 zones | 7 ch |
| Mode 1 - RGBW No zones 8bit | 9 ch |
| Mode 2 - RGBW No zones 16bit | 14 ch |
| Mode 3 - RGBW No zones with effects 8bit | 18 ch |
| Mode 4 - 4 zones | 28 ch |

## Mode 5 - 12 zones

7 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | White | 255 | |
| 5 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 6 | Strobe Duration | 0 | |
| 7 | Strobe Rate | 0 | 0–5 No flash<br>6–255 Flash frequency from min to max |

## Mode 1 - RGBW No zones 8bit

9 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | White | 255 | |
| 5 | C TO | 0 | 0–0 No function<br>1–254 8000K<br>255–255 2700K |
| 6 | Color Macro1 | 0 | |
| 7 | Dimmer | 0 | |
| 8 | Strobe Duration | 0 | |
| 9 | Strobe Rate | 0 | 0–5 No flash<br>6–255 Flash frequency from min to max |

## Mode 2 - RGBW No zones 16bit

14 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Red Fine | 255 | Fine byte of Red |
| 3 | Green | 255 | |
| 4 | Green Fine | 255 | Fine byte of Green |
| 5 | Blue | 255 | |
| 6 | Blue Fine | 255 | Fine byte of Blue |
| 7 | White | 255 | |
| 8 | White Fine | 255 | Fine byte of White |
| 9 | C TO | 0 | 0–0 No function<br>1–254 8000K<br>255–255 2700K |
| 10 | Color Macro1 | 0 | |
| 11 | Dimmer | 0 | |
| 12 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 13 | Strobe Duration | 0 | |
| 14 | Strobe Rate | 0 | 0–5 No flash<br>6–255 Flash frequency from min to max |

## Mode 3 - RGBW No zones with effects 8bit

18 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | White | 255 | |
| 5 | C TO | 0 | 0–0 No function<br>1–254 8000K<br>255–255 2700K |
| 6 | Color Macro1 | 0 | |
| 7 | Dimmer | 0 | |
| 8 | Strobe Duration | 0 | |
| 9 | Strobe Rate | 0 | 0–5 No flash<br>6–130 Flash frequency from min to max<br>131–255 Flash frequency from max to min |
| 10 | Shutter Select Effects | 0 | 0–1 No function<br>2–5 Permanent lightening<br>6–42 Ramo up (use channels Duration and Rate for control)<br>43–85 Ramp down (use channels Duration and Rate for con...<br>86–128 Ramp up/down (use channels Duration and Rate fo...<br>129–171 Random strobe (use channel Rate for control)<br>172–214 Lightning (use channel Rate for control)<br>215–255 Spikes (use channels Duration and Rate for control) |
| 11 | Control1 | 0 | 0–19 No function<br>20–24 Display On<br>25–29 Display Off<br>30–34 RGBW color mixing mode<br>35–39 CMY color mixing mode<br>40–44 Color calibration On<br>45–49 Color calibration Off<br>50–54 Foreground ovewrites Background<br>55–59 Foreground + Background<br>60–64 Foreground and Background - standard behaviour<br>65–69 Fans mode: Auto<br>70–74 Fans mode: High<br>75–79 White counting On<br>80–84 White counting Off<br>85–89 Dimmer curve Linear<br>90–94 Dimmer curve Square law<br>95–255 NoFeature 9 |
| 12 | Red | 255 | |
| 13 | Green | 255 | |
| 14 | Blue | 255 | |
| 15 | White | 255 | |
| 16 | Dimmer | 255 | 0–254 Closed<br>255–255 Open |

### Mode 3 - RGBW No zones with effects 8bit (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 17 | Effect | 0 | 0–2 No function<br>3–4 Effect 1<br>5–6 Effect 2<br>7–8 Effect 3<br>9–10 Effect 4<br>11–12 Effect 5<br>13–14 Effect 6<br>15–16 Effect 7<br>17–18 Effect 8<br>19–20 Effect 9<br>21–22 Effect 10<br>23–24 Effect 11<br>25–26 Effect 12<br>27–28 Effect 13<br>29–30 Effect 14<br>31–32 Effect 15<br>33–34 Effect 16<br>35–36 Effect 17<br>37–38 Effect 18<br>39–40 Effect 19<br>41–42 Effect 20<br>43–44 Effect 21<br>45–46 Effect 22<br>47–48 Effect 23<br>49–50 Effect 24<br>51–52 Effect 25<br>53–255 NoFeature |
| 18 | Effect Speed | 0 | 0–63 Speed from min to max without fade time<br>64–127 Speed from max to min without fade time (op direc...<br>128–191 Speed from min to max with fade time<br>192–255 Speed from max to min with fade time (op directio... |

## Mode 4 - 4 zones

28 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | White | 255 | |
| 5 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 6 | Strobe Duration | 0 | |
| 7 | Strobe Rate | 0 | 0–5 No flash<br>6–255 Flash frequency from min to max |
| 8 | Red | 255 | |
| 9 | Green | 255 | |
| 10 | Blue | 255 | |
| 11 | White | 255 | |
| 12 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 13 | Strobe Duration | 0 | |
| 14 | Strobe Rate | 0 | 0–5 No flash<br>6–255 Flash frequency from min to max |
| 15 | Red | 255 | |
| 16 | Green | 255 | |

## Mode 4 - 4 zones (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **17** | Blue | 255 | |
| **18** | White | 255 | |
| **19** | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| **20** | Strobe Duration | 0 | |
| **21** | Strobe Rate | 0 | 0–5 No flash<br>6–255 Flash frequency from min to max |
| **22** | Red | 255 | |
| **23** | Green | 255 | |
| **24** | Blue | 255 | |
| **25** | White | 255 | |
| **26** | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| **27** | Strobe Duration | 0 | |
| **28** | Strobe Rate | 0 | 0–5 No flash<br>6–255 Flash frequency from min to max |