Robe Lighting

Robin ColorStrobe IP



Manufacturer	**Robe Lighting**
Type	**Moving head**
DMX modes	**6**
DMX footprint	**4, 7, 9, 14, 18, 21 channels**
Beam angle	**35°**
Tilt range	**125°**
Heads / cells	**3**
Size (W × H × D)	**441 × 91 × 206 mm**
GDTF fixture type	**42615957-9A28-4D45-9D1C-35…**

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 6 - Simple RGBW	4 ch
Mode 5 - Six zone mode	7 ch
Mode 1 - RGBW	9 ch
Mode 2 - Full RGBW	14 ch
Mode 3 - Zone effect	18 ch
Mode 4 - Three zones	21 ch

Mode 6 - Simple RGBW

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	

Mode 5 - Six zone mode

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 255–255 Open
6	Strobe Duration	0	
7	Strobe Rate	0	0–5 No flash 6–255 Flash frequency from min to max

Mode 1 - RGBW

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 1–254 8000K 255–255 2700K
6	Color Macro1	0	
7	Dimmer	0	
8	Strobe Duration	0	
9	Strobe Rate	0	0–5 No flash 6–255 Flash frequency from min to max

Mode 2 - Full RGBW

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 1–254 8000K 255–255 2700K

Mode 2 - Full RGBW (continued)

Ch	Function	Default	DMX values
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 6–255 Flash frequency from min to max

Mode 3 - Zone effect

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

Mode 3 - Zone effect (continued)

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

Mode 4 - Three zones

21 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Strobe Duration	0	
7	Strobe Rate	0	0–5 No flash 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 255–255 Open
13	Strobe Duration	0	
14	Strobe Rate	0	0–5 No flash 6–255 Flash frequency from min to max
15	Red	255	
16	Green	255	

Mode 4 - Three zones (continued)

Ch	Function	Default	DMX values
17	Blue	255	
18	White	255	
19	Dimmer	0	0–254 Closed 255–255 Open
20	Strobe Duration	0	
21	Strobe Rate	0	0–5 No flash 6–255 Flash frequency from min to max