Robe

Robin 1000 LEDBeam



Manufacturer	**Robe**
Type	**Moving head**
DMX modes	**5**
DMX footprint	**10, 15, 21, 37 channels**
Beam angle	**4-63°**
Pan range	**450°**
Tilt range	**270°**
Heads / cells	**3**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**C7B7C3B4-5B72-5AA3-9AAA-6…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset

DMX modes

Mode 4 (10 ch)	10 ch
Mode 3 (15 ch)	15 ch
Mode 2 (21 ch)	21 ch
Mode 1 (37 ch)	37 ch
Mode 5 (37 ch)	37 ch

Mode 4 (10 ch)

10 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Max. speed -standard mode (0=default) 1–255 Speed from max. to min. (P./T. speed mode) / Time fr...
6	Fixture Global Reset	0	0–9 Reserved 10–14 DMX input: Wired DMX * 15–19 DMX input: Wireless DMX* 20–29 Reserved 30–39 RGBW colour mixing mode 40–49 CMY colour mixing mode 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–119 Reserved 120–124 Dimmer curve: Linear 125–129 Dimmer curve: Square Law 130–139 Reserved 140–149 Pan/Tilt reset 150–179 Reserved 180–189 Zoom reset 190–199 Reserved 200–209 Total reset 210–255 Reserved
7	Color Macro1	0	0–0 Direct RGBW colour mixing, no virtual wheel colour (pri... 1–2 White 2700 K 3–3 White 2700 K (Halogen lamp mode**) 4–5 White 3200 K 6–6 White 3200 K (Halogen lamp mode**) 7–9 White 4200 K 10–12 White 5600 K 13–15 White 8000 K 16–16 Blue (Blue=full, Red+Green+White=0) 17–55 Red=0, Green->up,Blue =full, White=0 56–56 Light Blue (Red=0, Green=full, Blue =full, White=0) 57–95 Red=0, Green=full, Blue->down, White=0 96–96 Green (Red=0, Green=full, Blue =0, White=0) 97–134 Red->up, Green=full, Blue=0, White=0 135–135 Yellow (Red=full, Green=full, Blue=0, White=0) 136–174 Red=full, Green->down, Blue=0, White=0 175–175 Red(Red=full, Green=0, Blue=0, White=0) 176–214 Red=full, Green=0, Blue->up, White=0 215–215 Magenta (Red=full, Green=0, Blue=full, White=0) 216–246 Red -> down, Green=0, Blue=full, White=0 247–247 Blue (Red=0, Green=0, Blue=full, White=0) 248–248 Rainbow effect (with fade time) 249–249 Rainbow effect 250–250 Zone effect 1 251–251 Zone effect 2 252–252 Zone effect 3 253–253 Zone effect 4 254–254 Zone effect 5 255–255 Zone effect 6
8	Zoom	0	

Mode 4 (10 ch) (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe	240	0–31 Shutter closed 32–63 Strobe effect from slow--> fast (zone 3 only) 64–95 Strobe effect from slow--> fast (All zones together) 0.... 96–111 Zone effects+rainbow effects speed control, slow-->... 112–127 Zone effects+rainbow effects speed control, fast--... 128–143 Opening pulses in sequences from slow--> fast (All... 144–159 Closing pulses in sequences from fast--> slow (All z... 160–175 Random strobe effect from slow--> fast (random z... 176–191 Random strobe effect from slow--> fast (random z... 192–223 Random strobe effect from slow --> fast (All zones ... 224–239 Random strobe effect from slow --> fast (random L... 240–255 Shutter open
10	Dimmer	0	

Mode 3 (15 ch)

15 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Max. speed -standard mode (0=default) 1–255 Speed from max. to min. (P./T. speed mode) / Time fr...
6	Fixture Global Reset	0	0–9 Reserved 10–14 DMX input: Wired DMX * 15–19 DMX input: Wireless DMX* 20–29 Reserved 30–39 RGBW colour mixing mode 40–49 CMY colour mixing mode 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–119 Reserved 120–124 Dimmer curve: Linear 125–129 Dimmer curve: Square Law 130–139 Reserved 140–149 Pan/Tilt reset 150–179 Reserved 180–189 Zoom reset 190–199 Reserved 200–209 Total reset 210–255 Reserved
7	Red	0	
8	Green	0	
9	Blue	0	
10	White	0	
11	C TC	0	0–0 No function 1–255 Colour temperature correction from 20000K to 2700K

Mode 3 (15 ch) (continued)

Ch	Function	Default	DMX values
12	Color Macro1	0	0–0 Direct RGBW colour mixing, no virtual wheel colour (pri... 1–2 White 2700 K 3–3 White 2700 K (Halogen lamp mode**) 4–5 White 3200 K 6–6 White 3200 K (Halogen lamp mode**) 7–9 White 4200 K 10–12 White 5600 K 13–15 White 8000 K 16–16 Blue (Blue=full, Red+Green+White=0) 17–55 Red=0, Green->up,Blue =full, White=0 56–56 Light Blue (Red=0, Green=full, Blue =full, White=0) 57–95 Red=0, Green=full, Blue->down, White=0 96–96 Green (Red=0, Green=full, Blue =0, White=0) 97–134 Red->up, Green=full, Blue=0, White=0 135–135 Yellow (Red=full, Green=full, Blue=0, White=0) 136–174 Red=full, Green->down, Blue=0, White=0 175–175 Red(Red=full, Green=0, Blue=0, White=0) 176–214 Red=full, Green=0, Blue->up, White=0 215–215 Magenta (Red=full, Green=0, Blue=full, White=0) 216–246 Red -> down, Green=0, Blue=full, White=0 247–247 Blue (Red=0, Green=0, Blue=full, White=0) 248–248 Rainbow effect (with fade time) 249–249 Rainbow effect 250–250 Zone effect 1 251–251 Zone effect 2 252–252 Zone effect 3 253–253 Zone effect 4 254–254 Zone effect 5 255–255 Zone effect 6
13	Zoom	0	
14	Shutter / Strobe	240	0–31 Shutter closed 32–63 Strobe effect from slow--> fast (zone 3 only) 64–95 Strobe effect from slow--> fast (All zones together) 0.... 96–111 Zone effects+rainbow effects speed control, slow-->... 112–127 Zone effects+rainbow effects speed control, fast--... 128–143 Opening pulses in sequences from slow--> fast (All... 144–159 Closing pulses in sequences from fast--> slow (All z... 160–175 Random strobe effect from slow--> fast (random z... 176–191 Random strobe effect from slow--> fast (random z... 192–223 Random strobe effect from slow --> fast (All zones ... 224–239 Random strobe effect from slow --> fast (random L... 240–255 Shutter open
15	Dimmer	0	

Mode 2 (21 ch)

21 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Max. speed -standard mode (0=default) 1–255 Speed from max. to min. (P./T. speed mode) / Time fr...

Mode 2 (21 ch) (continued)

Ch	Function	Default	DMX values
6	Fixture Global Reset	0	0–9 Reserved 10–14 DMX input: Wired DMX * 15–19 DMX input: Wireless DMX* 20–29 Reserved 30–39 RGBW colour mixing mode 40–49 CMY colour mixing mode 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–119 Reserved 120–124 Dimmer curve: Linear 125–129 Dimmer curve: Square Law 130–139 Reserved 140–149 Pan/Tilt reset 150–179 Reserved 180–189 Zoom reset 190–199 Reserved 200–209 Total reset 210–255 Reserved
7	Red	0	
8	Red Fine	0	Fine byte of Red
9	Green	0	
10	Green Fine	0	Fine byte of Green
11	Blue	0	
12	Blue Fine	0	Fine byte of Blue
13	White	0	
14	White Fine	0	Fine byte of White
15	C TC	0	0–0 No function 1–255 Colour temperature correction from 20000K to 2700K
16	Color Macro1	0	0–0 Direct RGBW colour mixing, no virtual wheel colour (pri... 1–2 White 2700 K 3–3 White 2700 K (Halogen lamp mode**) 4–5 White 3200 K 6–6 White 3200 K (Halogen lamp mode**) 7–9 White 4200 K 10–12 White 5600 K 13–15 White 8000 K 16–16 Blue (Blue=full, Red+Green+White=0) 17–55 Red=0, Green->up,Blue =full, White=0 56–56 Light Blue (Red=0, Green=full, Blue =full, White=0) 57–95 Red=0, Green=full, Blue->down, White=0 96–96 Green (Red=0, Green=full, Blue =0, White=0) 97–134 Red->up, Green=full, Blue=0, White=0 135–135 Yellow (Red=full, Green=full, Blue=0, White=0) 136–174 Red=full, Green->down, Blue=0, White=0 175–175 Red(Red=full, Green=0, Blue=0, White=0) 176–214 Red=full, Green=0, Blue->up, White=0 215–215 Magenta (Red=full, Green=0, Blue=full, White=0) 216–246 Red -> down, Green=0, Blue=full, White=0 247–247 Blue (Red=0, Green=0, Blue=full, White=0) 248–248 Rainbow effect (with fade time) 249–249 Rainbow effect 250–250 Zone effect 1 251–251 Zone effect 2 252–252 Zone effect 3 253–253 Zone effect 4 254–254 Zone effect 5 255–255 Zone effect 6

Mode 2 (21 ch) (continued)

Ch	Function	Default	DMX values
17	Zoom	0	
18	Zoom Fine	0	Fine byte of Zoom
19	Shutter / Strobe	240	0–31 Shutter closed 32–63 Strobe effect from slow--> fast (zone 3 only) 64–95 Strobe effect from slow--> fast (All zones together) 0.... 96–111 Zone effects+rainbow effects speed control, slow-->... 112–127 Zone effects+rainbow effects speed control, fast--... 128–143 Opening pulses in sequences from slow--> fast (All... 144–159 Closing pulses in sequences from fast--> slow (All z... 160–175 Random strobe effect from slow--> fast (random z... 176–191 Random strobe effect from slow--> fast (random z... 192–223 Random strobe effect from slow --> fast (All zones ... 224–239 Random strobe effect from slow --> fast (random L... 240–255 Shutter open
20	Dimmer	0	
21	Dimmer Fine	0	Fine byte of Dimmer

Mode 1 (37 ch)

37 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Max. speed -standard mode (0=default) 1–255 Speed from max. to min. (P./T. speed mode) / Time fr...
6	Fixture Global Reset	0	0–9 Reserved 10–14 DMX input: Wired DMX * 15–19 DMX input: Wireless DMX* 20–29 Reserved 30–39 RGBW colour mixing mode 40–49 CMY colour mixing mode 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–119 Reserved 120–124 Dimmer curve: Linear 125–129 Dimmer curve: Square Law 130–139 Reserved 140–149 Pan/Tilt reset 150–179 Reserved 180–189 Zoom reset 190–199 Reserved 200–209 Total reset 210–255 Reserved
7	Red	0	
8	Red Fine	0	Fine byte of Red
9	Green	0	
10	Green Fine	0	Fine byte of Green
11	Blue	0	
12	Blue Fine	0	Fine byte of Blue
13	White	0	
14	White Fine	0	Fine byte of White

Mode 1 (37 ch) (continued)

Ch	Function	Default	DMX values
15	Red	0	
16	Red Fine	0	Fine byte of Red
17	Green	0	
18	Green Fine	0	Fine byte of Green
19	Blue	0	
20	Blue Fine	0	Fine byte of Blue
21	White	0	
22	White Fine	0	Fine byte of White
23	Red	0	
24	Red Fine	0	Fine byte of Red
25	Green	0	
26	Green Fine	0	Fine byte of Green
27	Blue	0	
28	Blue Fine	0	Fine byte of Blue
29	White	0	
30	White Fine	0	Fine byte of White
31	C TC	0	0–0 No function 1–255 Colour temperature correction from 20000K to 2700K
32	Color Macro1	0	0–0 Direct RGBW colour mixing, no virtual wheel colour (pri... 1–2 White 2700 K 3–3 White 2700 K (Halogen lamp mode**) 4–5 White 3200 K 6–6 White 3200 K (Halogen lamp mode**) 7–9 White 4200 K 10–12 White 5600 K 13–15 White 8000 K 16–16 Blue (Blue=full, Red+Green+White=0) 17–55 Red=0, Green->up,Blue =full, White=0 56–56 Light Blue (Red=0, Green=full, Blue =full, White=0) 57–95 Red=0, Green=full, Blue->down, White=0 96–96 Green (Red=0, Green=full, Blue =0, White=0) 97–134 Red->up, Green=full, Blue=0, White=0 135–135 Yellow (Red=full, Green=full, Blue=0, White=0) 136–174 Red=full, Green->down, Blue=0, White=0 175–175 Red(Red=full, Green=0, Blue=0, White=0) 176–214 Red=full, Green=0, Blue->up, White=0 215–215 Magenta (Red=full, Green=0, Blue=full, White=0) 216–246 Red -> down, Green=0, Blue=full, White=0 247–247 Blue (Red=0, Green=0, Blue=full, White=0) 248–248 Rainbow effect (with fade time) 249–249 Rainbow effect 250–250 Zone effect 1 251–251 Zone effect 2 252–252 Zone effect 3 253–253 Zone effect 4 254–254 Zone effect 5 255–255 Zone effect 6
33	Zoom	0	
34	Zoom Fine	0	Fine byte of Zoom

Mode 1 (37 ch) (continued)

Ch	Function	Default	DMX values
35	Shutter / Strobe	240	0–31 Shutter closed 32–63 Strobe effect from slow--> fast (zone 3 only) 64–95 Strobe effect from slow--> fast (All zones together) 0.... 96–111 Zone effects+rainbow effects speed control, slow-->... 112–127 Zone effects+rainbow effects speed control, fast--... 128–143 Opening pulses in sequences from slow--> fast (All... 144–159 Closing pulses in sequences from fast--> slow (All z... 160–175 Random strobe effect from slow--> fast (random z... 176–191 Random strobe effect from slow--> fast (random z... 192–223 Random strobe effect from slow --> fast (All zones ... 224–239 Random strobe effect from slow --> fast (random L... 240–255 Shutter open
36	Dimmer	0	
37	Dimmer Fine	0	Fine byte of Dimmer

Mode 5 (37 ch)

37 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Max. speed -standard mode (0=default) 1–255 Speed from max. to min. (P./T. speed mode) / Time fr...
6	Fixture Global Reset	0	0–9 Reserved 10–14 DMX input: Wired DMX * 15–19 DMX input: Wireless DMX* 20–29 Reserved 30–39 RGBW colour mixing mode 40–49 CMY colour mixing mode 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–119 Reserved 120–124 Dimmer curve: Linear 125–129 Dimmer curve: Square Law 130–139 Reserved 140–149 Pan/Tilt reset 150–179 Reserved 180–189 Zoom reset 190–199 Reserved 200–209 Total reset 210–255 Reserved
7	Zoom	0	
8	Zoom Fine	0	Fine byte of Zoom

Mode 5 (37 ch) (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe	240	0–31 Shutter closed 32–63 Strobe effect from slow--> fast (zone 3 only) 64–95 Strobe effect from slow--> fast (All zones together) 0.... 96–111 Zone effects+rainbow effects speed control, slow-->... 112–127 Zone effects+rainbow effects speed control, fast--... 128–143 Opening pulses in sequences from slow--> fast (All... 144–159 Closing pulses in sequences from fast--> slow (All z... 160–175 Random strobe effect from slow--> fast (random z... 176–191 Random strobe effect from slow--> fast (random z... 192–223 Random strobe effect from slow --> fast (All zones ... 224–239 Random strobe effect from slow --> fast (random L... 240–255 Shutter open
10	Dimmer	0	
11	Dimmer Fine	0	Fine byte of Dimmer
12	C TC	0	0–0 No function 1–255 Colour temperature correction from 20000K to 2700K
13	Color Macro1	0	0–0 Direct RGBW colour mixing, no virtual wheel colour (pri... 1–2 White 2700 K 3–3 White 2700 K (Halogen lamp mode**) 4–5 White 3200 K 6–6 White 3200 K (Halogen lamp mode**) 7–9 White 4200 K 10–12 White 5600 K 13–15 White 8000 K 16–16 Blue (Blue=full, Red+Green+White=0) 17–55 Red=0, Green->up,Blue =full, White=0 56–56 Light Blue (Red=0, Green=full, Blue =full, White=0) 57–95 Red=0, Green=full, Blue->down, White=0 96–96 Green (Red=0, Green=full, Blue =0, White=0) 97–134 Red->up, Green=full, Blue=0, White=0 135–135 Yellow (Red=full, Green=full, Blue=0, White=0) 136–174 Red=full, Green->down, Blue=0, White=0 175–175 Red(Red=full, Green=0, Blue=0, White=0) 176–214 Red=full, Green=0, Blue->up, White=0 215–215 Magenta (Red=full, Green=0, Blue=full, White=0) 216–246 Red -> down, Green=0, Blue=full, White=0 247–247 Blue (Red=0, Green=0, Blue=full, White=0) 248–248 Rainbow effect (with fade time) 249–249 Rainbow effect 250–250 Zone effect 1 251–251 Zone effect 2 252–252 Zone effect 3 253–253 Zone effect 4 254–254 Zone effect 5 255–255 Zone effect 6
14	Red	0	
15	Red Fine	0	Fine byte of Red
16	Green	0	
17	Green Fine	0	Fine byte of Green
18	Blue	0	
19	Blue Fine	0	Fine byte of Blue
20	White	0	
21	White Fine	0	Fine byte of White
22	Red	0	
23	Red Fine	0	Fine byte of Red
24	Green	0	
25	Green Fine	0	Fine byte of Green

Mode 5 (37 ch) (continued)

Ch	Function	Default	DMX values
26	Blue	0	
27	Blue Fine	0	Fine byte of Blue
28	White	0	
29	White Fine	0	Fine byte of White
30	Red	0	
31	Red Fine	0	Fine byte of Red
32	Green	0	
33	Green Fine	0	Fine byte of Green
34	Blue	0	
35	Blue Fine	0	Fine byte of Blue
36	White	0	
37	White Fine	0	Fine byte of White

Fixture model: gdtf-robe-robin-1000-ledbeam-2611121001
Original HitLight geometry, scripted locally by the HitLight fixture agent from the manufacturer's published dimension drawing, user manual, d...
Creator: HitLight