Robe Lighting

Robin iPainte



Manufacturer	**Robe Lighting**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**44, 45 channels**
Beam angle	**10-45°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**267 × 419 × 223 mm**
GDTF fixture type	**0D7D2C5B-E3AC-4E81-99C0-84…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

DMX modes

Mode 1 - Standard 16 bit	44 ch
Mode 2 - enhanced gobo control	45 ch

Mode 1 - Standard 16 bit

44 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 Standard mode 1–254 max 255–255 min
6	Control1	0	
7	L EDFrequency	10	0–4 PWM frequency from Display menu 5–9 300 Hz 10–14 600 Hz 15–19 1200 Hz 20–24 2400 Hz 25–29 High 30–255 NoFeature
8	L EDFrequency Adjust	128	
9	Intensity Indication	0	0–10 No function 11–20 Indication of drop of max light intensity 21–30 Set drop by 6-10% (RED) 31–40 Set drop by 11-15% (GREEN) 41–50 Set drop by 16-20% (BLUE) 51–60 Set drop by 21-25% (CYAN) 61–70 Set drop by 26-30% (MAGENTA) 71–80 Set drop by 31-35% (YELLOW) 81–90 Set drop by 36-40% (ORANGE) 91–100 Original intensity (WHITE) 101–255 NoFeature
10	Color Wheel	0	0–5 Open/white - continual (wheel slot 1) 6–17 Deep red (wheel slot 2) 18–31 Deep blue (wheel slot 3) 32–44 Light green (wheel slot 4) 45–56 Lavender (wheel slot 5) 57–69 Orange (wheel slot 6) 70–82 Multicolor (wheel slot 7) 83–95 Filter CRI 90 (wheel slot 8) 96–108 CTO 3200K (wheel slot 9) 109–120 Congo blue (wheel slot 10) 121–127 Open (wheel slot 1) 128–129 Open - step (wheel slot 1) 130–136 Deep red - step (wheel slot 2) 137–142 Deep blue - step (wheel slot 3) 143–149 Light green - step (wheel slot 4) 150–155 Lavender - step (wheel slot 5) 156–162 Orange - step (wheel slot 6) 163–168 Multicolor - step (wheel slot 7) 169–175 Filter CRI 90 - step (wheel slot 8) 176–182 CTO 3200K - step (wheel slot 9) 183–189 Congo blue - step (wheel slot 10) 190–211 Fast to slow - fast 212–215 Fast to slow - slow 216–217 No Rotation middle 218–240 Slow to fast - slow 241–243 Slow to fast - fast 244–249 Random color selection by audio control 250–255 Auto random color selection from fast to slow
11	Color Wheel Fine	0	Fine byte of Color Wheel
12	Cyan	0	
13	Magenta	0	

Mode 1 - Standard 16 bit (continued)

Ch	Function	Default	DMX values
14	Yellow	0	
15	C TO	0	0–46 6500 47–71 6000 72–112 5600 113–134 5000 135–158 4800 159–182 4500 183–205 4000 206–227 3600 228–235 3200 236–248 3000 249–254 2800 255–255 2700
16	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
17	Color Macro1	0	
18	Color Mix MSpeed	0	0–0 Function is OFF 1–254 max 255–255 min
19	Focus MSpeed	0	0–0 Function is OFF 1–254 max 255–255 min
20	Gobo	0	0–8 Open/hole (wheel slot 1) 9–17 Gobo 1 (wheel slot 2) 18–26 Gobo 2 (wheel slot 3) 27–35 Gobo 3 (wheel slot 4) 36–44 Gobo 4 (wheel slot 5) 45–53 Gobo 5 (wheel slot 6) 54–62 Gobo 6 (wheel slot 7) 63–71 Gobo 7 (wheel slot 8) 72–80 Gobo 8 (wheel slot 9) 81–91 Gobo 9 (wheel slot 10) 92–103 Gobo 1 - Shaking Index (wheel slot 2) 104–115 Gobo 2 - Shaking Index (wheel slot 3) 116–127 Gobo 3 - Shaking Index (wheel slot 4) 128–139 Gobo 4 - Shaking Index (wheel slot 5) 140–151 Gobo 5 - Shaking Index (wheel slot 6) 152–163 Gobo 6 - Shaking Index (wheel slot 7) 164–175 Gobo 7 - Shaking Index (wheel slot 8) 176–187 Gobo 8 - Shaking Index (wheel slot 9) 188–199 Gobo 9 - Shaking Index (wheel slot 10) 200–201 Open/hole (wheel slot 1) 202–219 Fast to slow - Fast 220–222 Fast to slow - Slow 223–238 Slow to fast - Slow 239–243 Slow to fast - Fast 244–249 Random gobo selection by audio control 250–255 Auto random gobo selection from fast to slow

Mode 1 - Standard 16 bit (continued)

Ch	Function	Default	DMX values
21	Gobo 2	0	0–9 Open/hole (wheel slot 1) 10–13 Gobo 1 (wheel slot 2) 14–17 Gobo 2 (wheel slot 3) 18–21 Gobo 3 (wheel slot 4) 22–25 Gobo 4 (wheel slot 5) 26–29 Gobo 5 (wheel slot 6) 30–33 Gobo 6 (wheel slot 7) 34–37 Gobo 7 (wheel slot 8) 38–41 Gobo 8 (wheel slot 9) 42–45 Gobo 1 - Rotation (wheel slot 2) 46–49 Gobo 2 - Rotation (wheel slot 3) 50–53 Gobo 3 - Rotation (wheel slot 4) 54–57 Gobo 4 - Rotation (wheel slot 5) 58–61 Gobo 5 - Rotation (wheel slot 6) 62–65 Gobo 6 - Rotation (wheel slot 7) 66–69 Gobo 7 - Rotation (wheel slot 8) 70–73 Gobo 8 - Rotation (wheel slot 9) 74–81 Gobo 1 - Shaking Index (wheel slot 2) 82–89 Gobo 2 - Shaking Index (wheel slot 3) 90–97 Gobo 3 - Shaking Index (wheel slot 4) 98–105 Gobo 4 - Shaking Index (wheel slot 5) 106–113 Gobo 5 - Shaking Index (wheel slot 6) 114–121 Gobo 6 - Shaking Index (wheel slot 7) 122–129 Gobo 7 - Shaking Index (wheel slot 8) 130–137 Gobo 8 - Shaking Index (wheel slot 9) 138–145 Gobo 1 - Shaking Rotation (wheel slot 2) 146–153 Gobo 2 - Shaking Rotation (wheel slot 3) 154–161 Gobo 3 - Shaking Rotation (wheel slot 4) 162–169 Gobo 4 - Shaking Rotation (wheel slot 5) 170–177 Gobo 5 - Shaking Rotation (wheel slot 6) 178–185 Gobo 6 - Shaking Rotation (wheel slot 7) 186–193 Gobo 7 - Shaking Rotation (wheel slot 8) 194–199 Gobo 8 - Shaking Rotation (wheel slot 9) 200–201 Open/Hole (wheel slot 1) 202–219 Fast to slow - Fast 220–222 Fast to slow - slow 223–238 Slow to fast - slow 239–243 Slow to fast - fast 244–249 Random gobo selection by audio control 250–255 Auto random gobo selection from fast to slow
22	Gobo Rotation 2	128	0–0 Gobo indexing min 1–123 Fast to slow - Fast 124–127 Fast to slow - Slow 128–128 Gobo indexing center 129–231 Slow to fast - Slow 232–255 Slow to fast - Fast
23	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2

Mode 1 - Standard 16 bit (continued)

Ch	Function	Default	DMX values
24	Prism	0	0–19 Open position (hole) (wheel slot 1) 20–73 Prism 1 Indexing (wheel slot 2) 74–127 Prism 1 Rotation (wheel slot 2) 128–135 Macro 1 (wheel slot 3) 136–143 Macro 2 (wheel slot 5) 144–151 Macro 3 (wheel slot 6) 152–159 Macro 4 (wheel slot 7) 160–167 Macro 5 (wheel slot 8) 168–175 Macro 6 (wheel slot 9) 176–183 Macro 7 (wheel slot 10) 184–191 Macro 8 (wheel slot 11) 192–199 Macro 9 (wheel slot 12) 200–207 Macro 10 (wheel slot 13) 208–215 Macro 11 (wheel slot 14) 216–223 Macro 12 (wheel slot 15) 224–231 Macro 13 (wheel slot 16) 232–239 Macro 14 (wheel slot 17) 240–247 Macro 15 (wheel slot 18) 248–255 Macro 16 (wheel slot 19)
25	Prism Rotation	128	0–0 Prism Indexing 1–124 Fast to slow - fast 125–127 Fast to slow - slow 128–128 No rotation middle 129–232 Slow to fast - slow 233–255 Slow to fast - fast
26	Frost1	0	0–0 Open 1–189 Frost 0% to 100% 190–211 Pulse close - slow to fast 212–233 Pulse open - fast to slow 234–255 Ramping - fast to slow
27	Iris	0	0–179 Open 180–191 Closed 192–216 Slow to fast 1/13 217–219 Slow to fast 13/13 220–243 Fast to slow 1/13 244–247 Fast to slow 13/13 248–249 Random pulse opening fast 250–251 Random pulse opening slow 252–253 Random pulse closing fast 254–255 Random pulse closing slow
28	Iris Fine	0	Fine byte of Iris
29	Zoom	128	
30	Zoom Fine	0	Fine byte of Zoom
31	Focus	128	
32	Focus Fine	0	Fine byte of Focus
33	Shaper Rot	128	
34	Blade1A	0	
35	Blade1Rot	128	
36	Blade4A	0	
37	Blade4Rot	128	
38	Blade3A	0	
39	Blade3Rot	128	
40	Blade2A	0	
41	Blade2Rot	128	

Mode 1 - Standard 16 bit (continued)

Ch	Function	Default	DMX values
42	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–94 Strobe · Slow to fast 1/12 0.3–19.4 Hz 95–95 Strobe · Slow to fast 12/12 20 Hz 96–127 open 128–140 StrobePulseOpen · Slow to fast 1/7 0.1–0.42 Hz 141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz 144–155 StrobePulseClose · Fast to slow 1/7 0.5–0.207 Hz 156–159 StrobePulseClose · Fast to slow 7/7 0.18–0.1 Hz 160–191 open 192–223 Random strobe from slow to fast 224–255 open
43	Dimmer	0	0–254 Closed 255–255 Open
44	Dimmer Fine	0	Fine byte of Dimmer

Mode 2 - enhanced gobo control

45 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 Standard mode 1–254 max 255–255 min
6	Control1	0	
7	L EDFrequency	10	0–4 PWM frequency from Display menu 5–9 300 Hz 10–14 600 Hz 15–19 1200 Hz 20–24 2400 Hz 25–29 High 30–255 NoFeature
8	L EDFrequency Adjust	128	
9	Intensity Indication	0	0–10 No function 11–20 Indication of drop of max light intensity 21–30 Set drop by 6-10% (RED) 31–40 Set drop by 11-15% (GREEN) 41–50 Set drop by 16-20% (BLUE) 51–60 Set drop by 21-25% (CYAN) 61–70 Set drop by 26-30% (MAGENTA) 71–80 Set drop by 31-35% (YELLOW) 81–90 Set drop by 36-40% (ORANGE) 91–100 Original intensity (WHITE) 101–255 NoFeature

Mode 2 - enhanced gobo control (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–5 Open/white - continual (wheel slot 1) 6–17 Deep red (wheel slot 2) 18–31 Deep blue (wheel slot 3) 32–44 Light green (wheel slot 4) 45–56 Lavender (wheel slot 5) 57–69 Orange (wheel slot 6) 70–82 Multicolor (wheel slot 7) 83–95 Filter CRI 90 (wheel slot 8) 96–108 CTO 3200K (wheel slot 9) 109–120 Congo blue (wheel slot 10) 121–127 Open (wheel slot 1) 128–129 Open - step (wheel slot 1) 130–136 Deep red - step (wheel slot 2) 137–142 Deep blue - step (wheel slot 3) 143–149 Light green - step (wheel slot 4) 150–155 Lavender - step (wheel slot 5) 156–162 Orange - step (wheel slot 6) 163–168 Multicolor - step (wheel slot 7) 169–175 Filter CRI 90 - step (wheel slot 8) 176–182 CTO 3200K - step (wheel slot 9) 183–189 Congo blue - step (wheel slot 10) 190–211 Fast to slow - fast 212–215 Fast to slow - slow 216–217 No Rotation middle 218–240 Slow to fast - slow 241–243 Slow to fast - fast 244–249 Random color selection by audio control 250–255 Auto random color selection from fast to slow
11	Color Wheel Fine	0	Fine byte of Color Wheel
12	Cyan	0	
13	Magenta	0	
14	Yellow	0	
15	C TO	0	0–46 6500 47–71 6000 72–112 5600 113–134 5000 135–158 4800 159–182 4500 183–205 4000 206–227 3600 228–235 3200 236–248 3000 249–254 2800 255–255 2700
16	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
17	Color Macro1	0	
18	Color Mix MSpeed	0	0–0 Function is OFF 1–254 max 255–255 min
19	Focus MSpeed	0	0–0 Function is OFF 1–254 max 255–255 min

Mode 2 - enhanced gobo control (continued)

Ch	Function	Default	DMX values
20	Gobo	0	0–8 Open/hole (wheel slot 1) 9–17 Gobo 1 (wheel slot 2) 18–26 Gobo 2 (wheel slot 3) 27–35 Gobo 3 (wheel slot 4) 36–44 Gobo 4 (wheel slot 5) 45–53 Gobo 5 (wheel slot 6) 54–62 Gobo 6 (wheel slot 7) 63–71 Gobo 7 (wheel slot 8) 72–80 Gobo 8 (wheel slot 9) 81–91 Gobo 9 (wheel slot 10) 92–103 Gobo 1 - Shaking Index (wheel slot 2) 104–115 Gobo 2 - Shaking Index (wheel slot 3) 116–127 Gobo 3 - Shaking Index (wheel slot 4) 128–139 Gobo 4 - Shaking Index (wheel slot 5) 140–151 Gobo 5 - Shaking Index (wheel slot 6) 152–163 Gobo 6 - Shaking Index (wheel slot 7) 164–175 Gobo 7 - Shaking Index (wheel slot 8) 176–187 Gobo 8 - Shaking Index (wheel slot 9) 188–199 Gobo 9 - Shaking Index (wheel slot 10) 200–201 Open/hole (wheel slot 1) 202–219 Fast to slow - fast 220–222 Fast to slow - slow 223–238 Slow to fast - slow 239–243 Slow to fast - fast 244–249 Random gobo selection by audio control 250–255 Auto random gobo selection from fast to slow

Mode 2 - enhanced gobo control (continued)

Ch	Function	Default	DMX values
21	Gobo 2	0	0–9 Open/hole (wheel slot 1) 10–13 Gobo 1 (wheel slot 2) 14–17 Gobo 2 (wheel slot 3) 18–21 Gobo 3 (wheel slot 4) 22–25 Gobo 4 (wheel slot 5) 26–29 Gobo 5 (wheel slot 6) 30–33 Gobo 6 (wheel slot 7) 34–37 Gobo 7 (wheel slot 8) 38–41 Gobo 8 (wheel slot 9) 42–45 Gobo 1 - Rotation (wheel slot 2) 46–49 Gobo 2 - Rotation (wheel slot 3) 50–53 Gobo 3 - Rotation (wheel slot 4) 54–57 Gobo 4 - Rotation (wheel slot 5) 58–61 Gobo 5 - Rotation (wheel slot 6) 62–65 Gobo 6 - Rotation (wheel slot 7) 66–69 Gobo 7 - Rotation (wheel slot 8) 70–73 Gobo 8 - Rotation (wheel slot 9) 74–80 Open prop index (wheel slot 1) 81–87 G01 Prop Index (wheel slot 2) 88–94 G02 Prop Index (wheel slot 3) 95–101 G03 Prop Index (wheel slot 4) 102–108 G04 Prop Index (wheel slot 5) 109–115 G05 Prop Index (wheel slot 6) 116–122 G06 Prop Index (wheel slot 7) 123–129 G01 Prop Index (wheel slot 8) 130–136 G01 Prop Index (wheel slot 9) 137–137 Open prop index (wheel slot 1) 138–144 Open Prop Rot (wheel slot 1) 145–151 G01 Prop Rot (wheel slot 2) 152–158 G01 Prop Rot (wheel slot 3) 159–165 G01 Prop Rot (wheel slot 4) 166–172 G01 Prop Rot (wheel slot 5) 173–179 G01 Prop Rot (wheel slot 6) 180–186 G01 Prop Rot (wheel slot 7) 187–193 G01 Prop Rot (wheel slot 8) 194–200 G01 Prop Rot (wheel slot 9) 201–201 Open Prop Rot (wheel slot 1) 202–219 Fast to slow - Fast 220–222 Fast to slow - slow 223–238 Slow to fast - slow 239–243 Slow to fast - fast 244–249 Random gobo selection by audio control 250–255 Auto random gobo selection from fast to slow
22	Gobo 2 Fine	0	Fine byte of Gobo 2
23	Gobo Rotation 2	128	0–0 Gobo indexing min 1–123 Fast to slow - Fast 124–127 Fast to slow - Slow 128–128 Gobo indexing center 129–231 Slow to fast - Slow 232–255 Slow to fast - Fast
24	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2

Mode 2 - enhanced gobo control (continued)

Ch	Function	Default	DMX values
25	Prism	0	0–19 Open position (hole) (wheel slot 1) 20–73 Prism 1 Indexing (wheel slot 2) 74–127 Prism 1 Rotation (wheel slot 2) 128–135 Macro 1 (wheel slot 3) 136–143 Macro 2 (wheel slot 5) 144–151 Macro 3 (wheel slot 6) 152–159 Macro 4 (wheel slot 7) 160–167 Macro 5 (wheel slot 8) 168–175 Macro 6 (wheel slot 9) 176–183 Macro 7 (wheel slot 10) 184–191 Macro 8 (wheel slot 11) 192–199 Macro 9 (wheel slot 12) 200–207 Macro 10 (wheel slot 13) 208–215 Macro 11 (wheel slot 14) 216–223 Macro 12 (wheel slot 15) 224–231 Macro 13 (wheel slot 16) 232–239 Macro 14 (wheel slot 17) 240–247 Macro 15 (wheel slot 18) 248–255 Macro 16 (wheel slot 19)
26	Prism Rotation	128	0–0 Prism Indexing 1–124 Fast to slow - fast 125–127 Fast to slow - slow 128–128 No rotation middle 129–232 Slow to fast - slow 233–255 Slow to fast - fast
27	Frost1	0	0–0 Open 1–189 Frost 0% to 100% 190–211 Pulse close - slow to fast 212–233 Pulse open - fast to slow 234–255 Ramping - fast to slow
28	Iris	0	0–179 Open 180–191 Closed 192–216 Slow to fast 1/13 217–219 Slow to fast 13/13 220–243 Fast to slow 1/13 244–247 Fast to slow 13/13 248–249 Random pulse opening fast 250–251 Random pulse opening slow 252–253 Random pulse closing fast 254–255 Random pulse closing slow
29	Iris Fine	0	Fine byte of Iris
30	Zoom	128	
31	Zoom Fine	0	Fine byte of Zoom
32	Focus	128	
33	Focus Fine	0	Fine byte of Focus
34	Shaper Rot	128	
35	Blade1A	0	
36	Blade1Rot	128	
37	Blade4A	0	
38	Blade4Rot	128	
39	Blade3A	0	
40	Blade3Rot	128	
41	Blade2A	0	
42	Blade2Rot	128	

Mode 2 - enhanced gobo control (continued)

Ch	Function	Default	DMX values
43	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–94 Strobe · Slow to fast 1/12 0.3–19.4 Hz 95–95 Strobe · Slow to fast 12/12 20 Hz 96–127 open 128–140 StrobePulseOpen · Slow to fast 1/7 0.1–0.42 Hz 141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz 144–155 StrobePulseClose · Fast to slow 1/7 0.5–0.207 Hz 156–159 StrobePulseClose · Fast to slow 7/7 0.18–0.1 Hz 160–191 open 192–223 Random strobe from slow to fast 224–255 open
44	Dimmer	0	0–254 Closed 255–255 Open
45	Dimmer Fine	0	Fine byte of Dimmer