Robe Lighting

Robin 300E Spot



Manufacturer	**Robe Lighting**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**23, 25, 32 channels**
Beam angle	**10-40°**
Pan range	**540°**
Tilt range	**280°**
Size (W × H × D)	**293 × 486 × 245 mm**
GDTF fixture type	**E44F2900-4F9A-7051-450A-000…**

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

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

Mode 3	23 ch
Mode 2	25 ch
Mode 1	32 ch

Mode 3

23 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	127	
3	Position MSpeed	0	0–254 max Track 255–255 min Track
4	Control1	0	0–49 NoFeature 1 50–59 Track 60–69 Time 70–79 on 80–89 off 90–99 on (2) 100–109 off (2) 110–119 on (3) 120–128 off (3) 130–138 Lamp On 140–148 PosReset 150–158 ColWReset 160–168 GW1Reset 170–178 DimReset 180–188 ZoomReset 190–198 IrisReset 200–208 Reset ALL 209–228 NoFeature 2 230–238 Lamp Off 239–255 NoFeature 3
5	Color Wheel	0	0–7 open (wheel slot 1) 8–23 deep red (wheel slot 2) 24–39 deep blue (wheel slot 3) 40–55 orange (wheel slot 4) 56–71 green (wheel slot 5) 72–87 light red (wheel slot 6) 88–103 amber (wheel slot 7) 104–119 UV (wheel slot 8) 120–127 open (2) (wheel slot 1) 128–129 open (3) (wheel slot 1) 130–137 deep red (2) (wheel slot 2) 138–145 deep blue (2) (wheel slot 3) 146–153 orange (2) (wheel slot 4) 154–163 green (2) (wheel slot 5) 164–171 light red (2) (wheel slot 6) 172–181 amber (2) (wheel slot 7) 182–189 UV (2) (wheel slot 8) 190–190 >>> 191–215 Spin 100 1% 216–217 stop 218–242 Spin -1 -100% 243–243 <<< 244–249 Select Audio 100% 250–254 max Rnd 255–255 min Rnd
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	C TO	0	0–254 min CTO 255–255 max CTO

Mode 3 (continued)

Ch	Function	Default	DMX values
10	Color Macro	0	0–7 No function 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–242 Macro 30 244–248 Audio 100% 250–254 max Rnd 255–255 min Rnd
11	Color Wheel Select MSpeed	0	0–254 max Track 255–255 min Track

Mode 3 (continued)

Ch	Function	Default	DMX values
12	Gobo	0	0–2 open (wheel slot 1) 3–9 gobo 1 1 (wheel slot 2) 10–15 gobo 1 2 (wheel slot 3) 16–22 gobo 1 3 (wheel slot 4) 23–28 gobo 1 4 (wheel slot 5) 29–35 gobo 1 5 (wheel slot 5) 36–41 gobo 1 6 (wheel slot 6) 42–48 gobo 1 7 (wheel slot 7) 49–54 gobo 1 8 (wheel slot 8) 55–61 circle (wheel slot 9) 62–65 open (2) (wheel slot 1) 66–69 Gobo1 1 (wheel slot 1) 70–74 Gobo1 2 (wheel slot 2) 75–79 Gobo1 3 (wheel slot 3) 80–84 Gobo1 4 (wheel slot 4) 85–89 Gobo1 5 (wheel slot 5) 90–94 Gobo1 6 (wheel slot 6) 95–99 Gobo1 7 (wheel slot 7) 100–104 Gobo1 8 (wheel slot 8) 105–110 Gobo1 9 (wheel slot 9) 111–119 Gobo1 shake 1 (wheel slot 2) 120–129 Gobo1 shake 2 (wheel slot 3) 130–139 Gobo1 shake 3 (wheel slot 4) 140–149 Gobo1 shake 4 (wheel slot 5) 150–159 Gobo1 shake 5 (wheel slot 6) 160–169 Gobo1 shake 6 (wheel slot 6) 170–179 Gobo1 shake 7 (wheel slot 7) 180–189 Gobo1 shake 8 (wheel slot 8) 190–199 Gobo1 shake 9 (wheel slot 9) 200–201 open (wheel slot 1) 202–202 >>> 203–221 Spin 100 1% 222–223 stop 224–242 Spin -1 -100% 243–243 <<< 244–249 Select Audio 100% 250–254 max Rnd 255–255 min Rnd

Mode 3 (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–3 open (wheel slot 1) 4–7 gobo 2 1 (wheel slot 2) 8–11 gobo 2 2 (wheel slot 3) 12–15 gobo 2 3 (wheel slot 4) 16–19 gobo 2 4 (wheel slot 5) 20–23 gobo 2 5 (wheel slot 6) 24–27 gobo 2 6 (wheel slot 7) 28–31 gobo 2 7 (wheel slot 8) 32–35 Gobo2 1 (wheel slot 2) 36–39 Gobo2 2 (wheel slot 3) 40–43 Gobo2 3 (wheel slot 4) 44–47 Gobo2 4 (wheel slot 5) 48–51 Gobo2 5 (wheel slot 6) 52–55 Gobo2 6 (wheel slot 7) 56–59 Gobo2 7 (wheel slot 8) 60–69 Gobo2 1 (wheel slot 2) 70–79 Gobo2 2 (wheel slot 3) 80–89 Gobo2 3 (wheel slot 4) 90–99 Gobo2 4 (wheel slot 5) 100–109 Gobo2 5 (wheel slot 6) 110–119 Gobo2 6 (wheel slot 7) 120–129 Gobo2 7 (wheel slot 8) 130–139 Gobo2 1 (wheel slot 2) 140–149 Gobo2 2 (wheel slot 3) 150–159 Gobo2 3 (wheel slot 4) 160–169 Gobo2 4 (wheel slot 5) 170–179 Gobo2 5 (wheel slot 6) 180–189 Gobo2 6 (wheel slot 7) 190–199 Gobo2 7 (wheel slot 8) 200–200 open (wheel slot 1) 202–202 >>> 203–221 Spin2 100 1% 222–223 stop 224–241 Spin2 -1 -100% 242–242 <<< 244–248 Select Audio2 100% 250–254 max Rnd2 255–255 min Rnd2
14	Gobo Rotation 2	128	0–0 zero 1–31 <<<< 32–63 <<< 64–95 << 96–127 < 128–128 Stop 129–159 > 160–191 >> 192–223 >>> 224–254 >>>> 255–255 max CW

Mode 3 (continued)

Ch	Function	Default	DMX values
15	Prism	0	0–19 open (wheel slot 1) 20–127 3 facet prism (wheel slot 2) 128–135 Prism gobo macro 1 136–143 Prism gobo macro 2 144–151 Prism gobo macro 3 152–159 Prism gobo macro 4 160–167 Prism gobo macro 5 168–175 Prism gobo macro 6 176–183 Prism gobo macro 7 184–191 Prism gobo macro 8 192–199 Prism gobo macro 9 200–207 Prism gobo macro 10 208–215 Prism gobo macro 11 216–223 Prism gobo macro 12 224–231 Prism gobo macro 13 232–239 Prism gobo macro 14 240–247 Prism gobo macro 15 248–255 Prism gobo macro 16
16	Prism Rotation	0	0–0 Stop 1–31 <<<< 32–63 <<< 64–95 << 96–127 < 128–129 Stop 130–160 > 161–192 >> 193–223 >>> 224–255 >>>>
17	Frost1	0	0–0 min Frost 1–179 Frost 0 100% 180–188 Frost 100% 190–209 min Strobe Pulse Decrease 210–210 max Strobe Pulse Decrease 212–231 max Strobe Pulse Increase 232–232 min Strobe Pulse Increase 234–254 max Strobe Pulse 255–255 min Strobe Pulse
18	Iris	0	0–190 open Iris 191–191 closed Iris 192–218 min Strobe Pulse Open 219–219 max Strobe Pulse Open 220–246 max Strobe Pulse Close 247–247 min Strobe Pulse Close 248–249 max Strobe Rnd Pulse Open 250–251 min Strobe Rnd Pulse Open 252–253 max Strobe Rnd Pulse Close 254–255 min Strobe Rnd Pulse Close
19	Zoom	128	0–63 wide 64–127 75% 128–191 normal 192–254 25% 255–255 narrow
20	Focus	128	0–254 max Focus 255–255 min Focus
21	Reflector Adjust	0	0–254 min ReflectorAdjust 255–255 max ReflectorAdjust

Mode 3 (continued)

Ch	Function	Default	DMX values
22	Shutter / Strobe	48	0–31 closed 32–63 open 64–64 Shutter1Strobe · min 0.6 Hz 65–73 Shutter1Strobe · 25% 1.06–4.78 Hz 74–83 Shutter1Strobe · 50% 5.25–9.43 Hz 84–93 Shutter1Strobe · 75% 9.89–14.1 Hz 94–95 Shutter1Strobe · max 14.5–15 Hz 96–127 Open 180W 128–128 min Pulse Open 129–132 Shutter1StrobePulseOpen 4 · 25% 0.807–2.93 Hz 133–137 Shutter1StrobePulseOpen 4 · 50% 3.64–6.46 Hz 138–141 Shutter1StrobePulseOpen 4 · 75% 7.17–9.29 Hz 142–142 max Pulse Open 143–143 max Pulse Close 144–148 Shutter1StrobePulseClose 5 · 75% 9.34–6.7 Hz 149–152 Shutter1StrobePulseClose 5 · 50% 6.04–4.06 Hz 153–157 Shutter1StrobePulseClose 5 · 25% 3.4–0.76 Hz 158–158 min Pulse Close 159–159 min Strobe ZAP 160–169 Shutter1Strobe ZAP · 25% 1.61–10.7 Hz 170–179 Shutter1Strobe ZAP · 50% 11.7–20.9 Hz 180–190 Shutter1Strobe ZAP · 75% 21.9–32 Hz 191–191 max Strobe ZAP 192–222 Shutter1StrobeRnd · min Rnd 0.1–9.68 Hz 223–223 Shutter1StrobeRnd · max Rnd 10 Hz 224–255 Open lamp full
23	Dimmer	0	0–63 Zero 64–127 25% 128–191 50% 192–254 75% 255–255 Full

Mode 2

25 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	0–254 max Track 255–255 min Track

Mode 2 (continued)

Ch	Function	Default	DMX values
6	Control1	0	0–49 NoFeature 1 50–59 Track 60–69 Time 70–79 on 80–89 off 90–99 on (2) 100–109 off (2) 110–119 on (3) 120–128 off (3) 130–138 Lamp On 140–148 PosReset 150–158 ColWReset 160–168 GW1Reset 170–178 DimReset 180–188 ZoomReset 190–198 IrisReset 200–208 Reset ALL 209–228 NoFeature 2 230–238 Lamp Off 239–255 NoFeature 3
7	Color Wheel	0	0–7 open (wheel slot 1) 8–23 deep red (wheel slot 2) 24–39 deep blue (wheel slot 3) 40–55 orange (wheel slot 4) 56–71 green (wheel slot 5) 72–87 light red (wheel slot 6) 88–103 amber (wheel slot 7) 104–119 UV (wheel slot 8) 120–127 open (2) (wheel slot 1) 128–129 open (3) (wheel slot 1) 130–137 deep red (2) (wheel slot 2) 138–145 deep blue (2) (wheel slot 3) 146–153 orange (2) (wheel slot 4) 154–163 green (2) (wheel slot 5) 164–171 light red (2) (wheel slot 6) 172–181 amber (2) (wheel slot 7) 182–189 UV (2) (wheel slot 8) 190–190 >>> 191–215 Spin 100 1% 216–217 stop 218–242 Spin -1 -100% 243–243 <<< 244–249 Select Audio 100% 250–254 max Rnd 255–255 min Rnd
8	Cyan	0	
9	Magenta	0	
10	Yellow	0	
11	C TO	0	0–254 min CTO 255–255 max CTO

Mode 2 (continued)

Ch	Function	Default	DMX values
12	Color Macro	0	0–7 No function 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–242 Macro 30 244–248 Audio 100% 250–254 max Rnd 255–255 min Rnd
13	Color Wheel Select MSpeed	0	0–254 max Track 255–255 min Track

Mode 2 (continued)

Ch	Function	Default	DMX values
14	Gobo	0	0–2 open (wheel slot 1) 3–9 gobo 1 1 (wheel slot 2) 10–15 gobo 1 2 (wheel slot 3) 16–22 gobo 1 3 (wheel slot 4) 23–28 gobo 1 4 (wheel slot 5) 29–35 gobo 1 5 (wheel slot 5) 36–41 gobo 1 6 (wheel slot 6) 42–48 gobo 1 7 (wheel slot 7) 49–54 gobo 1 8 (wheel slot 8) 55–61 circle (wheel slot 9) 62–65 open (2) (wheel slot 1) 66–69 Gobo1 1 (wheel slot 1) 70–74 Gobo1 2 (wheel slot 2) 75–79 Gobo1 3 (wheel slot 3) 80–84 Gobo1 4 (wheel slot 4) 85–89 Gobo1 5 (wheel slot 5) 90–94 Gobo1 6 (wheel slot 6) 95–99 Gobo1 7 (wheel slot 7) 100–104 Gobo1 8 (wheel slot 8) 105–110 Gobo1 9 (wheel slot 9) 111–119 Gobo1 shake 1 (wheel slot 2) 120–129 Gobo1 shake 2 (wheel slot 3) 130–139 Gobo1 shake 3 (wheel slot 4) 140–149 Gobo1 shake 4 (wheel slot 5) 150–159 Gobo1 shake 5 (wheel slot 6) 160–169 Gobo1 shake 6 (wheel slot 6) 170–179 Gobo1 shake 7 (wheel slot 7) 180–189 Gobo1 shake 8 (wheel slot 8) 190–199 Gobo1 shake 9 (wheel slot 9) 200–201 open (wheel slot 1) 202–202 >>> 203–221 Spin 100 1% 222–223 stop 224–242 Spin -1 -100% 243–243 <<< 244–249 Select Audio 100% 250–254 max Rnd 255–255 min Rnd

Mode 2 (continued)

Ch	Function	Default	DMX values
15	Gobo 2	0	0–3 open (wheel slot 1) 4–7 gobo 2 1 (wheel slot 2) 8–11 gobo 2 2 (wheel slot 3) 12–15 gobo 2 3 (wheel slot 4) 16–19 gobo 2 4 (wheel slot 5) 20–23 gobo 2 5 (wheel slot 6) 24–27 gobo 2 6 (wheel slot 7) 28–31 gobo 2 7 (wheel slot 8) 32–35 Gobo2 1 (wheel slot 2) 36–39 Gobo2 2 (wheel slot 3) 40–43 Gobo2 3 (wheel slot 4) 44–47 Gobo2 4 (wheel slot 5) 48–51 Gobo2 5 (wheel slot 6) 52–55 Gobo2 6 (wheel slot 7) 56–59 Gobo2 7 (wheel slot 8) 60–69 Gobo2 1 (wheel slot 2) 70–79 Gobo2 2 (wheel slot 3) 80–89 Gobo2 3 (wheel slot 4) 90–99 Gobo2 4 (wheel slot 5) 100–109 Gobo2 5 (wheel slot 6) 110–119 Gobo2 6 (wheel slot 7) 120–129 Gobo2 7 (wheel slot 8) 130–139 Gobo2 1 (wheel slot 2) 140–149 Gobo2 2 (wheel slot 3) 150–159 Gobo2 3 (wheel slot 4) 160–169 Gobo2 4 (wheel slot 5) 170–179 Gobo2 5 (wheel slot 6) 180–189 Gobo2 6 (wheel slot 7) 190–199 Gobo2 7 (wheel slot 8) 200–200 open (wheel slot 1) 202–202 >>> 203–221 Spin2 100 1% 222–223 stop 224–241 Spin2 -1 -100% 242–242 <<< 244–248 Select Audio2 100% 250–254 max Rnd2 255–255 min Rnd2
16	Gobo Rotation 2	128	0–0 zero 1–31 <<<< 32–63 <<< 64–95 << 96–127 < 128–128 Stop 129–159 > 160–191 >> 192–223 >>> 224–254 >>>> 255–255 max CW

Mode 2 (continued)

Ch	Function	Default	DMX values
17	Prism	0	0–19 open (wheel slot 1) 20–127 3 facet prism (wheel slot 2) 128–135 Prism gobo macro 1 136–143 Prism gobo macro 2 144–151 Prism gobo macro 3 152–159 Prism gobo macro 4 160–167 Prism gobo macro 5 168–175 Prism gobo macro 6 176–183 Prism gobo macro 7 184–191 Prism gobo macro 8 192–199 Prism gobo macro 9 200–207 Prism gobo macro 10 208–215 Prism gobo macro 11 216–223 Prism gobo macro 12 224–231 Prism gobo macro 13 232–239 Prism gobo macro 14 240–247 Prism gobo macro 15 248–255 Prism gobo macro 16
18	Prism Rotation	0	0–0 Stop 1–31 <<<< 32–63 <<< 64–95 << 96–127 < 128–129 Stop 130–160 > 161–192 >> 193–223 >>> 224–255 >>>>
19	Frost1	0	0–0 min Frost 1–179 Frost 0 100% 180–188 Frost 100% 190–209 min Strobe Pulse Decrease 210–210 max Strobe Pulse Decrease 212–231 max Strobe Pulse Increase 232–232 min Strobe Pulse Increase 234–254 max Strobe Pulse 255–255 min Strobe Pulse
20	Iris	0	0–190 open Iris 191–191 closed Iris 192–218 min Strobe Pulse Open 219–219 max Strobe Pulse Open 220–246 max Strobe Pulse Close 247–247 min Strobe Pulse Close 248–249 max Strobe Rnd Pulse Open 250–251 min Strobe Rnd Pulse Open 252–253 max Strobe Rnd Pulse Close 254–255 min Strobe Rnd Pulse Close
21	Zoom	128	0–63 wide 64–127 75% 128–191 normal 192–254 25% 255–255 narrow
22	Focus	128	0–254 max Focus 255–255 min Focus
23	Reflector Adjust	0	0–254 min ReflectorAdjust 255–255 max ReflectorAdjust

Mode 2 (continued)

Ch	Function	Default	DMX values
24	Shutter / Strobe	48	0–31 closed 32–63 open 64–64 Shutter1Strobe · min 0.6 Hz 65–73 Shutter1Strobe · 25% 1.06–4.78 Hz 74–83 Shutter1Strobe · 50% 5.25–9.43 Hz 84–93 Shutter1Strobe · 75% 9.89–14.1 Hz 94–95 Shutter1Strobe · max 14.5–15 Hz 96–127 Open 180W 128–128 min Pulse Open 129–132 Shutter1StrobePulseOpen 4 · 25% 0.807–2.93 Hz 133–137 Shutter1StrobePulseOpen 4 · 50% 3.64–6.46 Hz 138–141 Shutter1StrobePulseOpen 4 · 75% 7.17–9.29 Hz 142–142 max Pulse Open 143–143 max Pulse Close 144–148 Shutter1StrobePulseClose 5 · 75% 9.34–6.7 Hz 149–152 Shutter1StrobePulseClose 5 · 50% 6.04–4.06 Hz 153–157 Shutter1StrobePulseClose 5 · 25% 3.4–0.76 Hz 158–158 min Pulse Close 159–159 min Strobe ZAP 160–169 Shutter1Strobe ZAP · 25% 1.61–10.7 Hz 170–179 Shutter1Strobe ZAP · 50% 11.7–20.9 Hz 180–190 Shutter1Strobe ZAP · 75% 21.9–32 Hz 191–191 max Strobe ZAP 192–222 Shutter1StrobeRnd · min Rnd 0.1–9.68 Hz 223–223 Shutter1StrobeRnd · max Rnd 10 Hz 224–255 Open lamp full
25	Dimmer	0	0–63 Zero 64–127 25% 128–191 50% 192–254 75% 255–255 Full

Mode 1

32 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–254 max Track 255–255 min Track

Mode 1 (continued)

Ch	Function	Default	DMX values
6	Control1	55	50–59 Track 60–69 Time 70–79 on 80–89 off 90–99 on (2) 100–109 off (2) 110–119 on (3) 120–128 off (3) 130–138 Lamp On 140–148 PosReset 150–158 ColWReset 160–168 GW1Reset 170–178 DimReset 180–188 ZoomReset 190–198 IrisReset 200–208 Reset ALL 209–228 NoFeature 1 230–238 Lamp Off 239–255 NoFeature 2
7	Color Wheel	0	0–7 open (wheel slot 1) 8–23 deep red (wheel slot 2) 24–39 deep blue (wheel slot 3) 40–55 orange (wheel slot 4) 56–71 green (wheel slot 5) 72–87 light red (wheel slot 6) 88–103 amber (wheel slot 7) 104–119 UV (wheel slot 8) 120–127 open (2) (wheel slot 1) 128–129 open (3) (wheel slot 1) 130–137 deep red (2) (wheel slot 2) 138–145 deep blue (2) (wheel slot 3) 146–153 orange (2) (wheel slot 4) 154–163 green (2) (wheel slot 5) 164–171 light red (2) (wheel slot 6) 172–181 amber (2) (wheel slot 7) 182–188 UV (2) (wheel slot 8) 190–215 >>> 216–217 stop 218–242 Spin -1 -100% 243–243 << 244–248 Select Audio 100% 250–254 max Rnd 255–255 min Rnd
8	Color Wheel Fine	0	Fine byte of Color Wheel
9	Cyan	0	
10	Magenta	0	
11	Yellow	0	
12	C TO	0	0–254 min CTO 255–255 max CTO

Mode 1 (continued)

Ch	Function	Default	DMX values
13	Color Macro	0	0–7 No function 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–242 Macro 30 244–248 Audio 100% 250–254 max Rnd 255–255 min Rnd
14	Color Wheel Select MSpeed	0	0–254 max Track 255–255 min Track

Mode 1 (continued)

Ch	Function	Default	DMX values
15	Gobo	0	0–2 open (wheel slot 1) 3–9 gobo 1 1 (wheel slot 2) 10–15 gobo 1 2 (wheel slot 3) 16–22 gobo 1 3 (wheel slot 4) 23–28 gobo 1 4 (wheel slot 5) 29–35 gobo 1 5 (wheel slot 5) 36–41 gobo 1 6 (wheel slot 6) 42–48 gobo 1 7 (wheel slot 7) 49–54 gobo 1 8 (wheel slot 8) 55–61 circle (wheel slot 9) 62–64 open (2) (wheel slot 1) 65–69 Gobo1 1 (wheel slot 1) 70–74 Gobo1 2 (wheel slot 2) 75–79 Gobo1 3 (wheel slot 3) 80–84 Gobo1 4 (wheel slot 4) 85–89 Gobo1 5 (wheel slot 5) 90–94 Gobo1 6 (wheel slot 6) 95–99 Gobo1 7 (wheel slot 7) 100–104 Gobo1 8 (wheel slot 8) 105–109 Gobo1 9 (wheel slot 9) 110–119 Gobo1 shake 1 (wheel slot 2) 120–129 Gobo1 shake 2 (wheel slot 3) 130–139 Gobo1 shake 3 (wheel slot 4) 140–149 Gobo1 shake 4 (wheel slot 5) 150–159 Gobo1 shake 5 (wheel slot 6) 160–169 Gobo1 shake 6 (wheel slot 6) 170–179 Gobo1 shake 7 (wheel slot 7) 180–189 Gobo1 shake 8 (wheel slot 8) 190–199 Gobo1 shake 9 (wheel slot 9) 200–200 open (wheel slot 1) 202–221 >>> 222–223 stop 224–242 Spin -1 -100% 243–243 <<< 244–248 Select Audio 100% 250–254 max Rnd 255–255 min Rnd
16	Gobo Fine	0	Fine byte of Gobo

Mode 1 (continued)

Ch	Function	Default	DMX values
17	Gobo 2	0	0–3 open (wheel slot 1) 4–7 gobo 2 1 (wheel slot 2) 8–11 gobo 2 2 (wheel slot 3) 12–15 gobo 2 3 (wheel slot 4) 16–19 gobo 2 4 (wheel slot 5) 20–23 gobo 2 5 (wheel slot 6) 24–27 gobo 2 6 (wheel slot 7) 28–31 gobo 2 7 (wheel slot 8) 32–35 Gobo2 1 (wheel slot 2) 36–39 Gobo2 2 (wheel slot 3) 40–43 Gobo2 3 (wheel slot 4) 44–47 Gobo2 4 (wheel slot 5) 48–51 Gobo2 5 (wheel slot 6) 52–55 Gobo2 6 (wheel slot 7) 56–59 Gobo2 7 (wheel slot 8) 60–69 Gobo2 1 (wheel slot 2) 70–79 Gobo2 2 (wheel slot 3) 80–89 Gobo2 3 (wheel slot 4) 90–99 Gobo2 4 (wheel slot 5) 100–109 Gobo2 5 (wheel slot 6) 110–119 Gobo2 6 (wheel slot 7) 120–129 Gobo2 7 (wheel slot 8) 130–139 Gobo2 1 (wheel slot 2) 140–149 Gobo2 2 (wheel slot 3) 150–159 Gobo2 3 (wheel slot 4) 160–169 Gobo2 4 (wheel slot 5) 170–179 Gobo2 5 (wheel slot 6) 180–189 Gobo2 6 (wheel slot 7) 190–199 Gobo2 7 (wheel slot 8) 200–200 open (wheel slot 1) 202–202 >>> 203–221 Spin2 100 1% 222–223 stop 224–241 Spin2 -1 -100% 242–242 <<< 244–248 Select Audio2 100% 250–254 max Rnd2 255–255 min Rnd2
18	Gobo Rotation 2	128	0–0 zero 1–31 <<<< 32–63 <<< 64–95 << 96–127 < 128–159 Stop 160–191 >> 192–223 >>> 224–254 >>>> 255–255 max CW
19	Gobo Rotation 2 Fine	128	Fine byte of Gobo Rotation 2

Mode 1 (continued)

Ch	Function	Default	DMX values
20	Prism	0	0–19 open (wheel slot 1) 20–127 3 facet prism (wheel slot 2) 128–135 Prism gobo macro 1 136–143 Prism gobo macro 2 144–151 Prism gobo macro 3 152–159 Prism gobo macro 4 160–167 Prism gobo macro 5 168–175 Prism gobo macro 6 176–183 Prism gobo macro 7 184–191 Prism gobo macro 8 192–199 Prism gobo macro 9 200–207 Prism gobo macro 10 208–215 Prism gobo macro 11 216–223 Prism gobo macro 12 224–231 Prism gobo macro 13 232–239 Prism gobo macro 14 240–247 Prism gobo macro 15 248–255 Prism gobo macro 16
21	Prism Rotation	0	0–0 Stop 1–31 <<<< 32–63 <<< 64–95 << 96–127 < 128–129 Stop 130–160 > 161–192 >> 193–223 >>> 224–255 >>>>
22	Frost1	0	0–0 min Frost 1–179 Frost 0 100% 180–188 Frost 100% 190–209 min Strobe Pulse Decrease 210–210 max Strobe Pulse Decrease 212–231 max Strobe Pulse Increase 232–232 min Strobe Pulse Increase 234–254 max Strobe Pulse 255–255 min Strobe Pulse
23	Iris	0	0–190 open Iris 191–191 closed Iris 192–218 min Strobe Pulse Open 219–219 max Strobe Pulse Open 220–246 max Strobe Pulse Close 247–247 min Strobe Pulse Close 248–249 max Strobe Rnd Pulse Open 250–250 min Strobe Rnd Pulse Open 252–253 max Strobe Rnd Pulse Close 254–255 min Strobe Rnd Pulse Close
24	Iris Fine	0	Fine byte of Iris
25	Zoom	128	0–63 wide 64–127 75% 128–191 normal 192–254 25% 255–255 narrow
26	Zoom Fine	0	Fine byte of Zoom
27	Focus	128	0–254 max Focus 255–255 min Focus
28	Focus Fine	0	Fine byte of Focus
29	Reflector Adjust	0	0–254 min ReflectorAdjust 255–255 max ReflectorAdjust

Mode 1 (continued)

Ch	Function	Default	DMX values
30	Shutter / Strobe	48	0–31 closed 32–63 open 64–64 Shutter1Strobe · min 0.6 Hz 65–73 Shutter1Strobe · 25% 1.06–4.78 Hz 74–83 Shutter1Strobe · 50% 5.25–9.43 Hz 84–93 Shutter1Strobe · 75% 9.89–14.1 Hz 94–95 Shutter1Strobe · max 14.5–15 Hz 96–127 Open 180W 128–128 min Pulse Open 129–132 Shutter1StrobePulseOpen 4 · 25% 0.807–2.93 Hz 133–137 Shutter1StrobePulseOpen 4 · 50% 3.64–6.46 Hz 138–141 Shutter1StrobePulseOpen 4 · 75% 7.17–9.29 Hz 142–142 max Pulse Open 143–143 max Pulse Close 144–148 Shutter1StrobePulseClose 5 · 75% 9.34–6.7 Hz 149–152 Shutter1StrobePulseClose 5 · 50% 6.04–4.06 Hz 153–157 Shutter1StrobePulseClose 5 · 25% 3.4–0.76 Hz 158–158 min Pulse Close 159–159 min Strobe ZAP 160–169 Shutter1Strobe ZAP · 25% 1.61–10.7 Hz 170–179 Shutter1Strobe ZAP · 50% 11.7–20.9 Hz 180–190 Shutter1Strobe ZAP · 75% 21.9–32 Hz 191–191 max Strobe ZAP 192–222 Shutter1StrobeRnd · min Rnd 0.1–9.68 Hz 223–223 Shutter1StrobeRnd · max Rnd 10 Hz 224–255 Open lamp full
31	Dimmer	0	0–63 Zero 64–127 25% 128–191 50% 192–254 75% 255–255 Full
32	Dimmer Fine	0	Fine byte of Dimmer