JB-Lighting

P12 Profile MA HC



Manufacturer	**JB-Lighting**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**42, 63 channels**
Beam angle	**5.7-60°**
Pan range	**546.74°**
Tilt range	**281.16°**
Size (W × H × D)	**260 × 479 × 260 mm**
GDTF fixture type	**650C4B6E-3FFC-44C2-8B7F-B5…**

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

Built-in effect programmes

DMX modes

Mode 1 (42 ch)	42 ch
Mode 2 (63 ch)	63 ch

Mode 1 (42 ch)

42 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	Control1	157	
6	Shutter / Strobe	16	0–15 closed 16–95 open 96–100 Shutter1Strobe 2 · 1/10Hz 0.1–5.79 Hz 101–103 Shutter1Strobe 2 · 1Hz 7.21–10 Hz 104–105 Shutter1Strobe 2 · 5Hz 11.5–12.9 Hz 106–107 Shutter1Strobe 2 · 10Hz 14.3–15.7 Hz 108–109 Shutter1Strobe 2 · 15Hz 17.2–18.6 Hz 110–110 Shutter1Strobe 2 · 20Hz 20 Hz 111–111 open (2) 112–124 Shutter1StrobePulse 4 · fade effect slow 1–18.5 Hz 125–125 Shutter1StrobePulse 4 · fade effect fast 20 Hz 126–126 closed (2) 127–127 open (3) 128–141 pulse open slow 142–142 pulse open fast 143–143 open (4) 144–157 pulse close slow 158–158 pulse close fast 159–159 closed (3) 160–173 Shutter1StrobePulseClose 10 · fade close slow 0.1–... 174–174 Shutter1StrobePulseClose 10 · fade close fast 20 Hz 175–175 open (5) 176–189 fade open slow 190–190 fade open fast 191–191 closed (4) 192–205 rnd open slow 206–206 rnd open fast 207–207 open (6) 208–221 Shutter1StrobeRandom 16 · rnd close slow 0.1–18.... 222–222 Shutter1StrobeRandom 16 · rnd close fast 20 Hz 223–223 closed (5) 224–238 rnd pulse close fast 239–239 open (7) 240–254 rnd pulse open fast 255–255 open (8)
7	Dimmer	0	0–24 closed 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 open
8	Focus	128	
9	Zoom	128	0–127 narrow 128–254 medium 255–255 wide

Mode 1 (42 ch) (continued)

Ch	Function	Default	DMX values
10	Focus1Distance	0	0–9 off 10–19 1m 20–29 2m 30–39 3m 40–49 4m 50–59 5m 60–69 6m 70–79 7m 80–89 8m 90–99 9m 100–109 10m 110–119 11m 120–129 12m 130–139 13m 140–149 14m 150–159 15m 160–169 16m 170–179 17m 180–189 18m 190–199 19m 200–209 20m 210–219 21m 220–229 22m 230–239 23m 240–249 24m 250–254 25m 255–255 far
11	Focus1Adjust	128	
12	Iris	0	0–254 open 255–255 closed
13	Gobo	0	0–7 open (wheel slot 1) 8–15 gobo 1_1 (wheel slot 2) 16–23 gobo 1_2 (wheel slot 3) 24–31 gobo 1_3 (wheel slot 4) 32–39 gobo 1_4 (wheel slot 5) 40–47 gobo 1_5 (wheel slot 6) 48–127 gobo 1_6 (wheel slot 7) 128–134 open (2) fast (wheel slot 1) 135–135 open (2) slow (wheel slot 1) 136–142 gobo 1_1 fast (wheel slot 2) 143–143 gobo 1_1 slow (wheel slot 2) 144–150 gobo 1_2 fast (wheel slot 3) 151–151 gobo 1_2 slow (wheel slot 3) 152–158 gobo 1_3 fast (wheel slot 4) 159–159 gobo 1_3 slow (wheel slot 4) 160–166 gobo 1_4 fast (wheel slot 5) 167–167 gobo 1_4 slow (wheel slot 5) 168–174 gobo 1_5 fast (wheel slot 6) 175–175 gobo 1_5 slow (wheel slot 6) 176–190 gobo 1_6 fast (wheel slot 7) 191–191 gobo 1_6 slow (wheel slot 7) 192–222 spin >>> slow 223–223 spin >>> fast 224–254 spin <<< fast 255–255 spin <<< slow

Mode 1 (42 ch) (continued)

Ch	Function	Default	DMX values
14	Gobo Rotation	64	0–30 540 31–62 450 63–94 360 95–126 270 127–158 180 159–190 90 191–191 0 192–192 >>> 193–222 rotate 100__1% 223–224 Stop 225–254 rotate -1__-100% 255–255 <<<
15	Gobo 2	0	0–7 open (wheel slot 1) 8–15 gobo 2_1 (wheel slot 2) 16–23 gobo 2_2 (wheel slot 3) 24–31 gobo 2_3 (wheel slot 4) 32–39 gobo 2_4 (wheel slot 5) 40–47 gobo 2_5 (wheel slot 6) 48–127 gobo 2_6 (wheel slot 7) 128–134 open (2) fast (wheel slot 1) 135–135 open (2) slow (wheel slot 1) 136–142 gobo 2_1 fast (wheel slot 2) 143–143 gobo 2_1 slow (wheel slot 2) 144–150 gobo 2_2 fast (wheel slot 3) 151–151 gobo 2_2 slow (wheel slot 3) 152–158 gobo 2_3 fast (wheel slot 4) 159–159 gobo 2_3 slow (wheel slot 4) 160–166 gobo 2_4 fast (wheel slot 5) 167–167 gobo 2_4 slow (wheel slot 5) 168–174 gobo 2_5 fast (wheel slot 6) 175–175 gobo 2_5 slow (wheel slot 6) 176–190 gobo 2_6 fast (wheel slot 7) 191–191 gobo 2_6 slow (wheel slot 7) 192–222 spin >>> slow 223–223 spin >>> fast 224–254 spin <<< fast 255–255 spin <<< slow
16	Gobo Rotation 2	64	0–30 540 31–62 450 63–94 360 95–126 270 127–158 180 159–190 90 191–191 0 192–192 >>> 193–222 rotate 100__1% 223–224 stop 225–254 rotate -1__-100% 255–255 <<<
17	Blade1A	0	0–24 min 25–50 10% 51–75 20% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–203 70% 204–229 80% 230–254 90% 255–255 max

Mode 1 (42 ch) (continued)

Ch	Function	Default	DMX values
18	Blade1Rot	128	0–42 max ccw 43–84 -20 85–127 -10 128–169 zero 170–212 10 213–254 20 255–255 max cw
19	Blade3A	0	0–24 min 25–50 10% 51–75 20% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–203 70% 204–229 80% 230–254 90% 255–255 max
20	Blade3Rot	128	0–42 max ccw 43–84 -20 85–127 -10 128–169 zero 170–212 10 213–254 20 255–255 max cw
21	Blade2A	0	0–24 min 25–50 10% 51–75 20% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–203 70% 204–229 80% 230–254 90% 255–255 max
22	Blade2Rot	128	0–42 max ccw 43–84 -20 85–127 -10 128–169 zero 170–212 10 213–254 20 255–255 max cw
23	Blade4A	0	0–24 min 25–50 10% 51–75 20% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–203 70% 204–229 80% 230–254 90% 255–255 max
24	Blade4Rot	128	0–42 max ccw 43–84 -20 85–127 -10 128–169 zero 170–212 10 213–254 20 255–255 max cw

Mode 1 (42 ch) (continued)

Ch	Function	Default	DMX values
25	Shaper Rot	128	0–10 -55 11–22 -50 23–33 -45 34–45 -40 46–57 -35 58–68 -30 69–80 -25 81–92 -20 93–103 -15 104–115 -10 116–127 -5 128–138 0 139–150 5 151–161 10 162–173 15 174–185 20 186–196 25 197–208 30 209–220 35 221–231 40 232–243 45 244–254 50 255–255 55
26	Color Wheel	0	0–1 open (wheel slot 1) 2–3 white / red (wheel slot 1) 4–5 red (wheel slot 2) 6–7 red / yellow (wheel slot 2) 8–9 yellow (wheel slot 3) 10–11 yellow / magenta (wheel slot 3) 12–13 magenta (wheel slot 4) 14–15 magenta / green (wheel slot 4) 16–17 green (wheel slot 5) 18–19 green / orange (wheel slot 5) 20–21 orange (wheel slot 6) 22–23 orange / blue (wheel slot 6) 24–25 blue (wheel slot 7) 26–27 blue / pink (wheel slot 7) 28–29 pink (wheel slot 8) 30–31 pink / ctb (wheel slot 8) 32–33 ctb (wheel slot 9) 34–63 ctb / white (wheel slot 9) 64–76 open (2) (wheel slot 1) 77–89 red (wheel slot 2) 90–101 yellow (wheel slot 3) 102–114 magenta (wheel slot 4) 115–127 green (wheel slot 5) 128–140 orange (wheel slot 6) 141–153 blue (wheel slot 7) 154–165 pink (wheel slot 8) 166–178 ctb (wheel slot 9) 179–191 open (3) (wheel slot 1) 192–222 spin >>> slow 223–223 spin >>> fast 224–254 spin <<< fast 255–255 spin <<< slow
27	Cyan	0	0–63 min 64–126 25% 127–190 50% 191–254 75% 255–255 max

Mode 1 (42 ch) (continued)

Ch	Function	Default	DMX values
28	Magenta	0	0–63 min 64–126 25% 127–190 50% 191–254 75% 255–255 max
29	Yellow	0	0–63 min 64–126 25% 127–190 50% 191–254 75% 255–255 max
30	C TO	0	0–63 min 64–126 25% 127–190 50% 191–254 75% 255–255 max
31	Sparkle	0	0–63 0% sparkle 64–127 25% sparkle 128–190 50% sparkle 191–254 75% sparkle 255–255 100% sparkle
32	Sparkle Speed	0	0–0 sparkle faded slow 1–30 sparkle faded 1__99% 31–31 sparkle faded fast 32–32 sparkle switched slow 33–62 sparkle switched 1__99% 63–63 sparkle switched fast 64–64 sparkle faded slow 65–94 sparkle faded 1__99% 95–95 sparkle faded fast 96–96 sparkle switched slow 97–126 sparkle switched 1__99% 127–127 sparkle switched fast 128–128 sparkle faded slow 129–158 sparkle faded 1__99% 159–159 sparkle faded fast 160–160 sparkle switched slow 161–190 sparkle switched 1__99% 191–191 sparkle switched fast 192–192 sparkle faded slow 193–222 sparkle faded 1__99% 223–223 sparkle faded fast 224–224 sparkle switched slow 225–254 sparkle switched 1__99% 255–255 sparkle switched fast
33	Prism	0	0–7 open (wheel slot 1) 8–255 5 facet linear (wheel slot 2)
34	Prism Rotation	0	0–31 0 32–63 90 64–95 180 96–127 270 128–158 360 159–190 450 191–191 540 192–192 <<< 193–222 rotate -1__-100% 223–224 stop 225–254 rotate 100__1% 255–255 >>>
35	Prism	0	0–7 open (wheel slot 1) 8–255 3 facet circular (wheel slot 2)

Mode 1 (42 ch) (continued)

Ch	Function	Default	DMX values
36	Prism Rotation	0	0–31 0 32–63 90 64–95 180 96–127 270 128–158 360 159–190 450 191–191 540 192–192 <<< 193–222 rotate -1__-100% 223–224 stop 225–254 rotate 100__1% 255–255 >>>
37	Frost1	0	0–63 0% frost 64–127 25% frost 128–190 50% frost 191–254 75% frost 255–255 100% frost
38	Frost2	0	0–63 0% frost 64–127 25% frost 128–190 50% frost 191–254 75% frost 255–255 100% frost
39	Effect	0	
40	Position MSpeed	0	0–3 real time movement 4–254 movement fast 255–255 movement slow
41	Global MSpeed	0	0–3 realtime effects 4–254 effects fast 255–255 effects slow
42	Blackout Mode	0	0–95 no bo 96–126 bo at p/t slow 127–127 bo at p/t fast 128–158 bo at go co pr cmy ir fr slow 159–159 bo at go co pr cmy ir fr fast 160–190 bo at go co pr cmy ir fr fo zo slow 191–191 bo at go co pr cmy ir fr fo zo fast 192–222 bo at go co pr cmy ir fr p/t slow 223–223 bo at go co pr cmy ir fr p/t fast 224–254 bo at go co pr cmy ir fr fo zo p/t slow 255–255 bo at go co pr cmy ir fr fo zo p/t fast

Mode 2 (63 ch)

63 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	Control1	157	

Mode 2 (63 ch) (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	16	0–15 closed 16–95 open 96–100 Shutter1Strobe 2 · 1/10Hz 0.1–5.79 Hz 101–103 Shutter1Strobe 2 · 1Hz 7.21–10 Hz 104–105 Shutter1Strobe 2 · 5Hz 11.5–12.9 Hz 106–107 Shutter1Strobe 2 · 10Hz 14.3–15.7 Hz 108–109 Shutter1Strobe 2 · 15Hz 17.2–18.6 Hz 110–110 Shutter1Strobe 2 · 20Hz 20 Hz 111–111 open (2) 112–124 Shutter1StrobePulse 4 · fade effect slow 1–18.5 Hz 125–125 Shutter1StrobePulse 4 · fade effect fast 20 Hz 126–126 closed (2) 127–127 open (3) 128–141 pulse open slow 142–142 pulse open fast 143–143 open (4) 144–157 pulse close slow 158–158 pulse close fast 159–159 closed (3) 160–173 Shutter1StrobePulseClose 10 · fade close slow 0.1–... 174–174 Shutter1StrobePulseClose 10 · fade close fast 20 Hz 175–175 open (5) 176–189 fade open slow 190–190 fade open fast 191–191 closed (4) 192–205 rnd open slow 206–206 rnd open fast 207–207 open (6) 208–221 Shutter1StrobeRandom 16 · rnd close slow 0.1–18.... 222–222 Shutter1StrobeRandom 16 · rnd close fast 20 Hz 223–223 closed (5) 224–238 rnd pulse close fast 239–239 open (7) 240–254 rnd pulse open fast 255–255 open (8)
7	Dimmer	0	0–24 closed 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Focus	128	
10	Focus Fine	0	Fine byte of Focus
11	Zoom	128	0–127 narrow 128–254 medium 255–255 wide
12	Zoom Fine	0	Fine byte of Zoom

Mode 2 (63 ch) (continued)

Ch	Function	Default	DMX values
13	Focus1Distance	0	0–9 off 10–19 1m 20–29 2m 30–39 3m 40–49 4m 50–59 5m 60–69 6m 70–79 7m 80–89 8m 90–99 9m 100–109 10m 110–119 11m 120–129 12m 130–139 13m 140–149 14m 150–159 15m 160–169 16m 170–179 17m 180–189 18m 190–199 19m 200–209 20m 210–219 21m 220–229 22m 230–239 23m 240–249 24m 250–254 25m 255–255 far
14	Focus1Adjust	128	
15	Iris	0	0–254 open 255–255 closed
16	Iris Fine	0	Fine byte of Iris
17	Gobo	0	0–7 open (wheel slot 1) 8–15 gobo 1_1 (wheel slot 2) 16–23 gobo 1_2 (wheel slot 3) 24–31 gobo 1_3 (wheel slot 4) 32–39 gobo 1_4 (wheel slot 5) 40–47 gobo 1_5 (wheel slot 6) 48–127 gobo 1_6 (wheel slot 7) 128–134 open (2) fast (wheel slot 1) 135–135 open (2) slow (wheel slot 1) 136–142 gobo 1_1 fast (wheel slot 2) 143–143 gobo 1_1 slow (wheel slot 2) 144–150 gobo 1_2 fast (wheel slot 3) 151–151 gobo 1_2 slow (wheel slot 3) 152–158 gobo 1_3 fast (wheel slot 4) 159–159 gobo 1_3 slow (wheel slot 4) 160–166 gobo 1_4 fast (wheel slot 5) 167–167 gobo 1_4 slow (wheel slot 5) 168–174 gobo 1_5 fast (wheel slot 6) 175–175 gobo 1_5 slow (wheel slot 6) 176–190 gobo 1_6 fast (wheel slot 7) 191–191 gobo 1_6 slow (wheel slot 7) 192–222 spin >>> slow 223–223 spin >>> fast 224–254 spin <<< fast 255–255 spin <<< slow

Mode 2 (63 ch) (continued)

Ch	Function	Default	DMX values
18	Gobo Rotation	64	0–30 540 31–62 450 63–94 360 95–126 270 127–158 180 159–190 90 191–191 0 192–222 << 223–224 Stop 225–254 rotate 1__100% 255–255 >>>
19	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
20	Gobo 2	0	0–7 open (wheel slot 1) 8–15 gobo 2_1 (wheel slot 2) 16–23 gobo 2_2 (wheel slot 3) 24–31 gobo 2_3 (wheel slot 4) 32–39 gobo 2_4 (wheel slot 5) 40–47 gobo 2_5 (wheel slot 6) 48–127 gobo 2_6 (wheel slot 7) 128–135 open (2) (wheel slot 1) 136–142 gobo 2_1 fast (wheel slot 2) 143–143 gobo 2_1 slow (wheel slot 2) 144–150 gobo 2_2 fast (wheel slot 3) 151–151 gobo 2_2 slow (wheel slot 3) 152–158 gobo 2_3 fast (wheel slot 4) 159–159 gobo 2_3 slow (wheel slot 4) 160–166 gobo 2_4 fast (wheel slot 5) 167–167 gobo 2_4 slow (wheel slot 5) 168–174 gobo 2_5 fast (wheel slot 6) 175–175 gobo 2_5 slow (wheel slot 6) 176–190 gobo 2_6 fast (wheel slot 7) 191–191 gobo 2_6 slow (wheel slot 7) 192–222 spin >>> slow 223–223 spin >>> fast 224–254 spin <<< fast 255–255 spin <<< slow
21	Gobo Rotation 2	64	0–30 540 31–62 450 63–94 360 95–126 270 127–158 180 159–190 90 191–191 0 192–222 >>> 223–224 stop 225–254 rotate -1__-100% 255–255 <<<
22	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
23	Blade1A	0	0–24 min 25–50 10% 51–75 20% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–203 70% 204–229 80% 230–254 90% 255–255 max
24	Blade1A Fine	0	Fine byte of Blade1A

Mode 2 (63 ch) (continued)

Ch	Function	Default	DMX values
25	Blade1Rot	128	0–41 max ccw 42–84 -20 85–127 -10 128–169 zero 170–212 10 213–254 20 255–255 max cw
26	Blade1Rot Fine	0	Fine byte of Blade1Rot
27	Blade3A	0	0–24 min 25–50 10% 51–75 20% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–203 70% 204–229 80% 230–254 90% 255–255 max
28	Blade3A Fine	0	Fine byte of Blade3A
29	Blade3Rot	128	0–41 max cw 42–84 -20 85–127 -10 128–169 zero 170–212 10 213–254 20 255–255 max cw
30	Blade3Rot Fine	0	Fine byte of Blade3Rot
31	Blade2A	0	0–24 min 25–50 10% 51–75 20% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–203 70% 204–229 80% 230–254 90% 255–255 max
32	Blade2A Fine	0	Fine byte of Blade2A
33	Blade2Rot	128	0–41 max ccw 42–84 -20 85–127 -10 128–169 zero 170–212 10 213–254 20 255–255 max cw
34	Blade2Rot Fine	0	Fine byte of Blade2Rot
35	Blade4A	0	0–24 min 25–50 10% 51–75 20% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–203 70% 204–229 80% 230–254 90% 255–255 max

Mode 2 (63 ch) (continued)

Ch	Function	Default	DMX values
36	Blade4A Fine	0	Fine byte of Blade4A
37	Blade4Rot	128	0–41 max ccw 42–84 -20 85–127 -10 128–169 zero 170–212 10 213–254 20 255–255 max cw
38	Blade4Rot Fine	0	Fine byte of Blade4Rot
39	Shaper Rot	128	0–10 -55 11–22 -50 23–33 -45 34–45 -40 46–57 -35 58–68 -30 69–80 -25 81–92 -20 93–103 -15 104–115 -10 116–127 -5 128–138 0 139–150 5 151–161 10 162–173 15 174–185 20 186–196 25 197–208 30 209–220 35 221–231 40 232–243 45 244–254 50 255–255 55
40	Shaper Rot Fine	0	Fine byte of Shaper Rot

Mode 2 (63 ch) (continued)

Ch	Function	Default	DMX values
41	Color Wheel	0	0–1 open (wheel slot 1) 2–3 white / red (wheel slot 1) 4–5 red (wheel slot 2) 6–7 red / yellow (wheel slot 2) 8–9 yellow (wheel slot 3) 10–11 yellow / magenta (wheel slot 3) 12–13 magenta (wheel slot 4) 14–15 magenta / green (wheel slot 4) 16–17 green (wheel slot 5) 18–19 green / orange (wheel slot 5) 20–21 orange (wheel slot 6) 22–23 orange / blue (wheel slot 6) 24–25 blue (wheel slot 7) 26–27 blue / pink (wheel slot 7) 28–29 pink (wheel slot 8) 30–31 pink / ctb (wheel slot 8) 32–33 ctb (wheel slot 9) 34–63 ctb / white (wheel slot 9) 64–76 open (2) (wheel slot 1) 77–89 red (wheel slot 2) 90–101 yellow (wheel slot 3) 102–114 magenta (wheel slot 4) 115–127 green (wheel slot 5) 128–140 orange (wheel slot 6) 141–153 blue (wheel slot 7) 154–165 pink (wheel slot 8) 166–178 ctb (wheel slot 9) 179–191 open (3) (wheel slot 1) 192–222 spin >>> slow 223–223 spin >>> fast 224–254 spin <<< fast 255–255 spin <<< slow
42	Cyan	0	0–63 min 64–126 25% 127–190 50% 191–254 75% 255–255 max
43	Cyan Fine	0	Fine byte of Cyan
44	Magenta	0	0–63 min 64–126 25% 127–190 50% 191–254 75% 255–255 max
45	Magenta Fine	0	Fine byte of Magenta
46	Yellow	0	0–63 min 64–126 25% 127–190 50% 191–254 75% 255–255 max
47	Yellow Fine	0	Fine byte of Yellow
48	C TO	0	0–63 min 64–126 25% 127–190 50% 191–254 75% 255–255 max
49	C TO Fine	0	Fine byte of C TO

Mode 2 (63 ch) (continued)

Ch	Function	Default	DMX values
50	Sparkle	0	0–63 0% sparkle 64–127 25% sparkle 128–190 50% sparkle 191–254 75% sparkle 255–255 100% sparkle
51	Sparkle Speed	0	0–0 sparkle faded slow 1–30 sparkle faded 1__99% 31–31 sparkle faded fast 32–32 sparkle switched slow 33–62 sparkle switched 1__99% 63–63 sparkle switched fast 64–64 sparkle faded slow 65–94 sparkle faded 1__99% 95–95 sparkle faded fast 96–96 sparkle switched slow 97–126 sparkle switched 1__99% 127–127 sparkle switched fast 128–128 sparkle faded slow 129–158 sparkle faded 1__99% 159–159 sparkle faded fast 160–160 sparkle switched slow 161–190 sparkle switched 1__99% 191–191 sparkle switched fast 192–192 sparkle faded slow 193–222 sparkle faded 1__99% 223–223 sparkle faded fast 224–224 sparkle switched slow 225–254 sparkle switched 1__99% 255–255 sparkle switched fast
52	Prism	0	0–7 open (wheel slot 1) 8–255 5 facet linear (wheel slot 2)
53	Prism Rotation	0	0–31 0 32–63 90 64–95 180 96–127 270 128–158 360 159–190 450 191–191 540 192–222 << 223–224 stop 225–254 rotate 100__1% 255–255 >>>
54	Prism Rotation Fine	0	Fine byte of Prism Rotation
55	Prism	0	0–7 open (wheel slot 1) 8–255 3 facet circular (wheel slot 2)
56	Prism Rotation	0	0–31 0 32–63 90 64–95 180 96–127 270 128–158 360 159–190 450 191–191 540 192–222 <<< 223–224 stop 225–254 rotate 100__1% 255–255 >>>
57	Prism Rotation Fine	0	Fine byte of Prism Rotation

Mode 2 (63 ch) (continued)

Ch	Function	Default	DMX values
58	Frost1	0	0–63 0% frost 64–127 25% frost 128–190 50% frost 191–254 75% frost 255–255 100% frost
59	Frost2	0	0–63 0% frost 64–127 25% frost 128–190 50% frost 191–254 75% frost 255–255 100% frost
60	Effect	0	
61	Position MSpeed	0	0–3 real time movement 4–254 movement fast 255–255 movement slow
62	Global MSpeed	0	0–3 realtime effects 4–254 effects fast 255–255 effects slow
63	Blackout Mode	0	0–95 no bo 96–126 bo at p/t slow 127–127 bo at p/t fast 128–158 bo at go co pr cmy ir fr slow 159–159 bo at go co pr cmy ir fr fast 160–190 bo at go co pr cmy ir fr fo zo slow 191–191 bo at go co pr cmy ir fr fo zo fast 192–222 bo at go co pr cmy ir fr p/t slow 223–223 bo at go co pr cmy ir fr p/t fast 224–254 bo at go co pr cmy ir fr fo zo p/t slow 255–255 bo at go co pr cmy ir fr fo zo p/t fast