JB-Lighting

P18 Wash HC



Manufacturer	**JB-Lighting**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**34, 51 channels**
Beam angle	**13-65°**
Pan range	**546.74°**
Tilt range	**281.16°**
Size (W × H × D)	**290 × 540 × 290 mm**
GDTF fixture type	**DB4FFF8E-658A-4FF0-9CFB-21…**

Controls

Focus · Frost · Iris · Zoom · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed

DMX modes

Mode 1 (36 ch)	34 ch
Mode 2 (54 ch)	51 ch

Mode 1 (36 ch)

34 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	0	
6	Shutter / Strobe	16	0–15 closed 16–95 open 96–97 StrobePulseOpen · 20Hz 20–18.6 Hz 98–99 StrobePulseOpen · 15Hz 17.2–15.7 Hz 100–101 StrobePulseOpen · 10Hz 14.3–12.9 Hz 102–104 StrobePulseOpen · 5Hz 11.5–8.63 Hz 105–109 StrobePulseOpen · 1Hz 7.21–1.52 Hz 110–110 StrobePulseOpen · 1/10Hz 0.1 Hz 111–111 open (2) 112–124 Shutter Fade Effect strobe · fade effect slow 1–18.5… 125–125 Shutter Fade Effect strobe · fade effect fast 20 Hz 126–126 open (3) 127–127 closed (2) 128–141 pulse open fast 142–142 pulse open slow 143–143 open (4) 144–157 pulse close fast 158–158 pulse close slow 159–159 closed (3) 160–173 Shutter Fade close strobe · fade close fast 20–1.52 … 174–174 Shutter Fade close strobe · fade close slow 0.1 Hz 175–175 open (5) 176–189 fade open fast 190–190 fade open slow 191–191 closed (4) 192–205 rnd open fast 206–206 rnd open slow 207–207 open (6) 208–221 Shutter Rnd Close strobe · rnd close fast 20–1.52 Hz 222–222 Shutter Rnd Close strobe · rnd close slow 0.1 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
10	Focus1Distance	0	
11	Focus1Adjust	128	

Mode 1 (36 ch) (continued)

Ch	Function	Default	DMX values
12	Iris	0	0–254 open 255–255 closed
13	Blade1A	0	0–24 open 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 closed
14	Blade1B	0	0–24 open 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 closed
15	Blade2A	0	0–24 open 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 closed
16	Blade2B	0	0–24 open 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 closed
17	Blade3A	0	0–24 open 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 closed

Mode 1 (36 ch) (continued)

Ch	Function	Default	DMX values
18	Blade3B	0	0–24 open 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 closed
19	Blade4A	0	0–24 open 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 closed
20	Blade4B	0	0–24 open 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 closed
21	Shaper Rot	128	0–13 -45 14–27 -40 28–41 -35 42–55 -30 56–69 -25 70–84 -20 85–98 -15 99–112 -10 113–127 -5 128–141 0 142–155 5 156–169 10 170–184 15 185–198 20 199–211 25 212–226 30 227–240 35 241–254 40 255–255 45

Mode 1 (36 ch) (continued)

Ch	Function	Default	DMX values
22	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) 30–63 pink / white (wheel slot 8) 64–79 open (2) (wheel slot 1) 80–95 red (wheel slot 2) 96–111 yellow (wheel slot 3) 112–127 magenta (wheel slot 4) 128–143 green (wheel slot 5) 144–159 orange (wheel slot 6) 160–175 blue (wheel slot 7) 176–190 pink (wheel slot 8) 191–191 open (3) (wheel slot 1) 192–222 spin >>> fast 223–223 spin >>> slow 224–254 spin <<< slow 255–255 spin <<< fast
23	Color Wheel 2	0	0–1 open (wheel slot 1) 2–3 white / cto1 (wheel slot 1) 4–5 cto1 (wheel slot 2) 6–7 cto1 / cto2 (wheel slot 2) 8–9 cto2 (wheel slot 3) 10–11 cto2 / cto3 (wheel slot 3) 12–13 cto3 (wheel slot 4) 14–15 cto3 / ctb1 (wheel slot 4) 16–17 ctb1 (wheel slot 5) 18–19 ctb1 / ctb2 (wheel slot 5) 20–21 ctb2 (wheel slot 6) 22–23 ctb2 / ctb3 (wheel slot 6) 24–25 ctb3 (wheel slot 7) 26–27 ctb3 / dark blue (wheel slot 7) 28–29 dark blue (wheel slot 8) 30–63 dark blue / white (wheel slot 8) 64–79 open (2) (wheel slot 1) 80–95 cto1 (wheel slot 2) 96–111 cto2 (wheel slot 3) 112–127 cto3 (wheel slot 4) 128–143 ctb1 (wheel slot 5) 144–159 ctb2 (wheel slot 6) 160–175 ctb3 (wheel slot 7) 176–190 dark blue (wheel slot 8) 191–191 open (3) (wheel slot 1) 192–222 spin >>> fast 223–223 spin >>> slow 224–254 spin <<< slow 255–255 spin <<< fast

Mode 1 (36 ch) (continued)

Ch	Function	Default	DMX values
24	Red	0	0–63 100% red 64–127 75% red 128–190 50% red 191–254 25% red 255–255 0% red
25	Green	0	0–63 100% green 64–127 75% green 128–190 50% green 191–254 25% green 255–255 0% green
26	Blue	0	0–63 100% blue 64–127 75% blue 128–190 50% blue 191–254 25% blue 255–255 0% blue
27	C TO	0	0–63 0% cto 64–127 25% cto 128–190 50% cto 191–254 75% cto 255–255 100% cto
28	Sparkle	0	0–63 0% sparkle 64–127 25% sparkle 128–190 50% sparkle 191–254 75% sparkle 255–255 100% sparkle
29	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
30	Frost1	0	0–63 0% frost 64–127 25% frost 128–190 50% frost 191–254 75% frost 255–255 100% frost
31	Frost2	0	0–63 0% frost 64–127 25% frost 128–190 50% frost 191–254 75% frost 255–255 100% frost

Mode 1 (36 ch) (continued)

Ch	Function	Default	DMX values
32	Position MSpeed	0	0–3 real time movement 4–254 movement fast 255–255 movement slow
33	Global MSpeed	0	0–3 realtime effects 4–254 effects fast 255–255 effects slow
34	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 co cmy ir fr slow 159–159 bo at co cmy ir fr fast 160–190 bo at co cmy ir fr fo zo slow 191–191 bo at co cmy ir fr fo zo fast 192–222 bo at co cmy ir fr p/t slow 223–223 bo at co cmy ir fr p/t fast 224–254 bo at co cmy ir fr fo zo p/t slow 255–255 bo at co cmy ir fr fo zo p/t fast

Mode 2 (54 ch)

51 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	0	

Mode 2 (54 ch) (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	16	0–15 closed 16–95 open 96–97 StrobePulseOpen · 20Hz 20–18.6 Hz 98–99 StrobePulseOpen · 15Hz 17.2–15.7 Hz 100–101 StrobePulseOpen · 10Hz 14.3–12.9 Hz 102–104 StrobePulseOpen · 5Hz 11.5–8.63 Hz 105–109 StrobePulseOpen · 1Hz 7.21–1.52 Hz 110–110 StrobePulseOpen · 1/10Hz 0.1 Hz 111–111 open (2) 112–124 Shutter Fade Effect strobe · fade effect slow 1–18.5… 125–125 Shutter Fade Effect strobe · fade effect fast 20 Hz 126–126 open (3) 127–127 closed (2) 128–141 pulse open fast 142–142 pulse open slow 143–143 open (4) 144–157 pulse close fast 158–158 pulse close slow 159–159 closed (3) 160–173 Shutter Fade close strobe · fade close fast 20–1.52 … 174–174 Shutter Fade close strobe · fade close slow 0.1 Hz 175–175 open (5) 176–189 fade open fast 190–190 fade open slow 191–191 closed (4) 192–205 rnd open fast 206–206 rnd open slow 207–207 open (6) 208–221 Shutter Rnd Close strobe · rnd close fast 20–1.52 Hz 222–222 Shutter Rnd Close strobe · rnd close slow 0.1 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
13	Focus1Distance	0	
14	Focus1Adjust	128	
15	Iris	0	0–254 open 255–255 closed

Mode 2 (54 ch) (continued)

Ch	Function	Default	DMX values
16	Iris Fine	0	Fine byte of Iris
17	Blade1A	0	0–24 open 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 closed
18	Blade1A Fine	0	Fine byte of Blade1A
19	Blade1B	0	0–24 open 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 closed
20	Blade1B Fine	0	Fine byte of Blade1B
21	Blade2A	0	0–24 open 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 closed
22	Blade2A Fine	0	Fine byte of Blade2A
23	Blade2B	0	0–24 open 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 closed
24	Blade2B Fine	0	Fine byte of Blade2B

Mode 2 (54 ch) (continued)

Ch	Function	Default	DMX values
25	Blade3A	0	0–24 open 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 closed
26	Blade3A Fine	0	Fine byte of Blade3A
27	Blade3B	0	0–24 open 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 closed
28	Blade3B Fine	0	Fine byte of Blade3B
29	Blade4A	0	0–24 open 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 closed
30	Blade4A Fine	0	Fine byte of Blade4A
31	Blade4B	0	0–24 open 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 closed
32	Blade4B Fine	0	Fine byte of Blade4B

Mode 2 (54 ch) (continued)

Ch	Function	Default	DMX values
33	Shaper Rot	128	0–13 -45 14–27 -40 28–41 -35 42–55 -30 56–70 -25 71–84 -20 85–98 -15 99–112 -10 113–127 -5 128–141 0 142–155 5 156–169 10 170–183 15 184–198 20 199–212 25 213–226 30 227–240 35 241–254 40 255–255 45
34	Shaper Rot Fine	0	Fine byte of Shaper Rot
35	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) 30–63 pink / white (wheel slot 8) 64–79 open (2) (wheel slot 1) 80–95 red (wheel slot 2) 96–111 yellow (wheel slot 3) 112–127 magenta (wheel slot 4) 128–143 green (wheel slot 5) 144–159 orange (wheel slot 6) 160–175 blue (wheel slot 7) 176–190 pink (wheel slot 8) 191–191 open (3) (wheel slot 1) 192–222 spin >>> fast 223–223 spin >>> slow 224–254 spin <<< slow 255–255 spin <<< fast

Mode 2 (54 ch) (continued)

Ch	Function	Default	DMX values
36	Color Wheel 2	0	0–1 open (wheel slot 1) 2–3 white / cto1 (wheel slot 1) 4–5 cto1 (wheel slot 2) 6–7 cto1 / cto2 (wheel slot 2) 8–9 cto2 (wheel slot 3) 10–11 cto2 / cto3 (wheel slot 3) 12–13 cto3 (wheel slot 4) 14–15 cto3 / ctb1 (wheel slot 4) 16–17 ctb1 (wheel slot 5) 18–19 ctb1 / ctb2 (wheel slot 5) 20–21 ctb2 (wheel slot 6) 22–23 ctb2 / ctb3 (wheel slot 6) 24–25 ctb3 (wheel slot 7) 26–27 ctb3 / dark blue (wheel slot 7) 28–29 dark blue (wheel slot 8) 30–63 dark blue / white (wheel slot 8) 64–79 open (2) (wheel slot 1) 80–95 cto1 (wheel slot 2) 96–111 cto2 (wheel slot 3) 112–127 cto3 (wheel slot 4) 128–143 ctb1 (wheel slot 5) 144–159 ctb2 (wheel slot 6) 160–175 ctb3 (wheel slot 7) 176–190 dark blue (wheel slot 8) 191–191 open (3) (wheel slot 1) 192–222 spin >>> fast 223–223 spin >>> slow 224–254 spin <<< slow 255–255 spin <<< fast
37	Red	0	0–63 100% red 64–127 75% red 128–190 50% red 191–254 25% red 255–255 0% red
38	Red Fine	0	Fine byte of Red
39	Green	0	0–63 100% green 64–127 75% green 128–190 50% green 191–254 25% green 255–255 0% green
40	Green Fine	0	Fine byte of Green
41	Blue	0	0–63 100% blue 64–127 75% blue 128–190 50% blue 191–254 25% blue 255–255 0% blue
42	Blue Fine	0	Fine byte of Blue
43	C TO	0	0–63 0% cto 64–127 25% cto 128–190 50% cto 191–254 75% cto 255–255 100% cto
44	C TO Fine	0	Fine byte of C TO
45	Sparkle	0	0–63 0% sparkle 64–127 25% sparkle 128–190 50% sparkle 191–254 75% sparkle 255–255 100% sparkle

Mode 2 (54 ch) (continued)

Ch	Function	Default	DMX values
46	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
47	Frost1	0	0–63 0% frost 64–127 25% frost 128–190 50% frost 191–254 75% frost 255–255 100% frost
48	Frost2	0	0–63 0% frost 64–127 25% frost 128–190 50% frost 191–254 75% frost 255–255 100% frost
49	Position MSpeed	0	0–3 real time movement 4–254 movement fast 255–255 movement slow
50	Global MSpeed	0	0–3 realtime effects 4–254 effects fast 255–255 effects slow
51	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 co cmy ir fr slow 159–159 bo at co cmy ir fr fast 160–190 bo at co cmy ir fr fo zo slow 191–191 bo at co cmy ir fr fo zo fast 192–222 bo at co cmy ir fr p/t slow 223–223 bo at co cmy ir fr p/t fast 224–254 bo at co cmy ir fr fo zo p/t slow 255–255 bo at co cmy ir fr fo zo p/t fast