JB-Lighting

Varyscan P3



Manufacturer	**JB-Lighting**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**22 channels**
Beam angle	**16.4°**
Pan range	**546.74°**
Tilt range	**281.16°**
Size (W × H × D)	**265 × 349 × 211 mm**
GDTF fixture type	**C8D69F0E-7016-4DC0-9177-FB…**

Controls

Focus · Iris · Prism · Prism rotation · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

22 ch

22 ch

22 ch

22 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Pan Fine	128	Fine byte of Pan
4	Tilt Fine	128	Fine byte of Tilt
5	Control1	0	0–231 Safe 232–239 Lamp off 240–247 Reset 248–255 Lamp on
6	Shutter / Strobe	0	0–15 closed (1) 16–111 open (1) 112–116 Shutter1Strobe 2 · Slow 1–3.15 Hz 117–120 Shutter1Strobe 2 · Normal 3.69–5.31 Hz 121–125 Shutter1Strobe 2 · Fast 5.85–8 Hz 126–126 Open (2) 127–127 Closed (2) 128–128 Strobe Pulse Open · 20Hz 20 Hz 129–130 Strobe Pulse Open · 15Hz 18.6–17.2 Hz 131–133 Strobe Pulse Open · 10Hz 15.7–12.9 Hz 134–136 Strobe Pulse Open · 5Hz 11.5–8.63 Hz 137–139 Strobe Pulse Open · 1Hz 7.21–4.36 Hz 140–142 Strobe Pulse Open · 1/10Hz 2.94–0.1 Hz 143–143 open (3) 144–157 pulse close fast 158–158 pulse close slow 159–159 closed (4) 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 (6) 192–205 rnd open fast 206–206 rnd open slow 207–207 open (7) 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 (8) 224–238 rnd pulse close fast 239–239 open (9) 240–254 rnd pulse open fast 255–255 open (10)
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

22 ch (continued)

Ch	Function	Default	DMX values
8	Iris	0	0–125 0% 126–126 100% 127–127 Iris closed 128–142 Iris Shutter longer closed 143–143 Iris open 144–158 Iris shutter longer opend 159–159 Iris closed 160–173 Iris fade close fast 174–174 Iris fade close slow 175–175 Iris open 176–189 Iris fade open fast 190–190 Iris fade open slow 191–191 Iris closed 192–205 IrisRandomPulseOpen fast 206–206 IrisRandomPulseOpen slow 207–207 Iris open 208–221 IrisRandomPulseClose fast 222–222 IrisRandomPulseClose slow 223–223 Iris closed 224–237 IrisRandomFadeClose fast 238–238 IrisRandomFadeClose slow 239–239 Iris open 240–253 IrisRandomFadeOpen fast 254–254 IrisRandomFadeOpen slow 255–255 Iris open
9	Focus	128	
10	Gobo	0	0–15 open (wheel slot 1) 16–31 gobo 1_1 (wheel slot 2) 32–47 gobo 1_2 (wheel slot 3) 48–63 gobo 1_3 (wheel slot 4) 64–79 gobo 1_4 (wheel slot 5) 80–95 gobo 1_5 (wheel slot 6) 96–111 gobo 1_6 (wheel slot 7) 112–127 gobo 1_7 (wheel slot 8) 128–135 open (2) (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 >>> fast 223–223 spin >>> slow 224–254 spin <<< slow 255–255 spin <<< fast
11	Reserved 11	0	

22 ch (continued)

Ch	Function	Default	DMX values
12	Gobo 2	0	0–15 open (wheel slot 1) 16–31 gobo 2_1 (wheel slot 2) 32–47 gobo 2_2 (wheel slot 3) 48–63 gobo 2_3 (wheel slot 4) 64–79 gobo 2_4 (wheel slot 5) 80–127 gobo 2_5 (wheel slot 6) 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 >>> fast 223–223 spin >>> slow 224–254 spin <<< slow 255–255 spin <<< fast
13	Gobo Rotation 2	0	0–31 0 32–63 90 64–95 180 96–127 270 128–159 360 160–190 450 191–191 540 192–192 >>> 193–222 rotate 100__1% 223–224 stop 225–254 rotate -1__-100% 255–255 <<<

22 ch (continued)

Ch	Function	Default	DMX values
14	Color Wheel	0	0–3 open (wheel slot 1) 4–7 white / red (wheel slot 1) 8–11 red (wheel slot 2) 12–15 red / yellow (wheel slot 2) 16–19 yellow (wheel slot 3) 20–23 yellow / magenta (wheel slot 3) 24–27 magenta (wheel slot 4) 28–31 magenta / green (wheel slot 4) 32–35 green (wheel slot 5) 36–39 green / orange (wheel slot 5) 40–43 orange (wheel slot 6) 44–47 orange / blue (wheel slot 6) 48–51 blue (wheel slot 7) 52–55 blue / turquoise (wheel slot 7) 56–59 turquoise (wheel slot 8) 60–63 turquoise / white (wheel slot 8) 64–77 open (2) (wheel slot 1) 78–92 red (wheel slot 2) 93–106 yellow (wheel slot 3) 107–120 magenta (wheel slot 4) 121–134 green (wheel slot 5) 135–148 orange (wheel slot 6) 149–162 blue (wheel slot 7) 163–176 turquoise (wheel slot 8) 177–191 open (3) (wheel slot 1) 192–222 spin >>> fast 223–223 spin >>> slow 224–254 spin <<< slow 255–255 spin <<< fast
15	Color Wheel 2	0	0–15 Open (wheel slot 1) 16–31 CTB (wheel slot 2) 32–47 CTO (wheel slot 3) 48–63 Pink (wheel slot 4) 64–79 Cyan (wheel slot 5) 80–127 Frost (wheel slot 6) 128–255 ColorControl 2
16	Reserved 16	0	
17	Prism	0	0–15 open (wheel slot 1) 16–255 4 facet linear (wheel slot 2)
18	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 100__1% 223–224 stop 225–254 rotate -1__-100% 255–255 <<<
19	Reserved 19	0	
20	Position MSpeed	0	0–3 real time movement 4–254 movement fast 255–255 movement slow
21	Global MSpeed	0	0–3 realtime effects 4–254 effects fast 255–255 effects slow

22 ch (continued)

Ch	Function	Default	DMX values
22	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