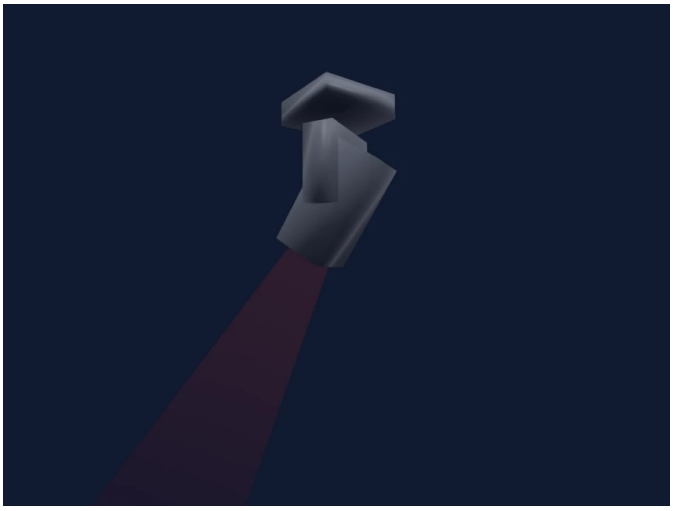
Eagle Lite

Smart Hybrid250



Manufacturer	**Eagle Lite**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**18, 24 channels**
Beam angle	**3-38°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**240 × 467 × 219 mm**
GDTF fixture type	**B34EBA89-EDE5-413D-8A98-C0…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · Colour wheel · Dimmer · Pan and tilt · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Service functions

DMX modes

18Ch	18 ch
24Ch	24 ch

18Ch

18 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Red (wheel slot 2) 16–23 Yellow (wheel slot 3) 24–31 Cyan (wheel slot 4) 32–39 Green (wheel slot 5) 40–47 Orange (wheel slot 6) 48–55 Blue (wheel slot 7) 56–63 Magenta (wheel slot 8) 64–71 Lime (wheel slot 9) 72–79 CTO (wheel slot 10) 80–87 UV (wheel slot 11) 88–95 Open (wheel slot 1) 96–221 Index 222–222 CW Slow 223–236 CCW Slow2Fast 237–237 CCW Fast 238–238 Stop 239–239 CW Slow 240–253 CW Slow2Fast 254–255 CCW Fast
6	Gobo	0	0–3 Open (wheel slot 1) 4–7 Gobo 1 (wheel slot 2) 8–11 Gobo 2 (wheel slot 3) 12–15 Gobo 3 (wheel slot 4) 16–19 Gobo 4 (wheel slot 5) 20–23 Gobo 5 (wheel slot 6) 24–27 Gobo 6 (wheel slot 7) 28–31 Gobo 7 (wheel slot 8) 32–35 Gobo 8 (wheel slot 9) 36–39 Gobo 9 (wheel slot 10) 40–43 Gobo 10 (wheel slot 11) 44–47 Gobo 11 (wheel slot 12) 48–51 Gobo 12 (wheel slot 13) 52–55 Gobo 13 (wheel slot 14) 56–59 No Gobo (wheel slot 1) 60–67 Gobo1 Shake From Slow To Fast (wheel slot 2) 68–75 Gobo2 Shake From Slow To Fast (wheel slot 3) 76–83 Gobo3 Shake From Slow To Fast (wheel slot 4) 84–91 Gobo4 Shake From Slow To Fast (wheel slot 5) 92–99 Gobo5 Shake From Slow To Fast (wheel slot 6) 100–107 Gobo6 Shake From Slow To Fast (wheel slot 7) 108–115 Gobo7 Shake From Slow To Fast (wheel slot 8) 116–123 Gobo8 Shake From Slow To Fast (wheel slot 9) 124–131 Gobo9 Shake From Slow To Fast (wheel slot 10) 132–139 Gobo10 Shake From Slow To Fast (wheel slot 11) 140–147 Gobo11 Shake From Slow To Fast (wheel slot 12) 148–155 Gobo12 Shake From Slow To Fast (wheel slot 13) 156–163 Gobo13 Shake From Slow To Fast (wheel slot 14) 164–167 No Spin 168–168 CCW Slow 169–210 CCW Slow2Fast 211–211 CCW Fast 212–212 Stop 213–213 CW Slow 214–254 CW Slow2Fast 255–255 CW Fast

18Ch (continued)

Ch	Function	Default	DMX values
7	Gobo 2	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–71 Gobo 8 (wheel slot 9) 72–79 Gobo 1 Shake slow -> Fast 80–87 Gobo 2 Shake slow -> Fast 88–95 Gobo 3 Shake slow -> Fast 96–103 Gobo 4 Shake slow -> Fast 104–111 Gobo 5 Shake slow -> Fast 112–119 Gobo 6 Shake slow -> Fast 120–127 Gobo 7 Shake slow -> Fast 128–135 Gobo 8 Shake slow -> Fast 136–136 No Wheel Spin 137–137 CW Fast 138–194 CW Fast2Slow 195–195 CW Slow 196–196 Spin Stop 197–197 CCW Slow 198–254 CCW Slow2Fast 255–255 CCW Fast
8	Gobo Rotation	0	0–34 Min 0 degrees 35–64 1/4 90 degrees 65–94 2/4 180 degrees 95–122 3/4 270 degrees 123–123 4/4 360 degrees 124–124 CW Fast 125–186 CW Fast2Slow 187–187 CW Slow 188–191 Spin Stop 192–192 CCW Slow 193–254 CCW Slow2Fast 255–255 CCW Fast
9	Dimmer	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
10	Shutter / Strobe	3	0–3 Open 4–255 0-100%
11	Dimmer Mode	0	0–31 600KHz Fade 32–63 600KHz No Fade 64–95 300KHz Fade 96–127 300KHz No Fade 128–159 1200KHz Fade 160–191 1200KHz No Fade 192–223 8333KHz Fade 224–255 8333KHz No Fade
12	Prism	0	0–31 No Prism (wheel slot 1) 32–255 8F Prism (wheel slot 2)

18Ch (continued)

Ch	Function	Default	DMX values
13	Prism Rotation	3	0–34 Min 0 degrees 35–64 1/4 90 degrees 65–94 2/4 180 degrees 95–122 3/4 270 degrees 123–123 4/4 360 degrees 124–124 CCW Fast 125–186 CCW Slow2Fast 187–187 CCW Slow 188–191 Spin Stop 192–192 CW Slow 193–254 CW Slow to Fast 255–255 CW Fast
14	Zoom	127	
15	Focus	127	
16	Frost1	0	0–9 Open 10–255 Linear frost
17	Scan Speed	0	
18	Control1	0	0–19 No Used 20–29 Reset All 30–39 Reset Pan/Tilt 40–49 Reset Colour/Gobo/CMY/CTO 50–59 Reset Zoom/Focus/PrismFros 60–69 No Effect 70–74 Display Default 75–79 Display off(don't Keep after shutdown) 80–84 Display on(don't Keep after shutdown) 85–89 Fan speed low(Keep after shutdown) 90–94 Fan speed medium(Keep after shutdown) 95–99 Fan speed high(Keep after shutdown) 100–255 No Effect

24Ch

24 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Red (wheel slot 2) 16–23 Yellow (wheel slot 3) 24–31 Cyan (wheel slot 4) 32–39 Green (wheel slot 5) 40–47 Orange (wheel slot 6) 48–55 Blue (wheel slot 7) 56–63 Magenta (wheel slot 8) 64–71 Lime (wheel slot 9) 72–79 CTO (wheel slot 10) 80–87 UV (wheel slot 11) 88–95 Open (wheel slot 1) 96–221 Index 222–222 CW Slow 223–236 CCW Slow2Fast 237–237 CCW Fast 238–238 Stop 239–239 CW Slow 240–253 CW Slow2Fast 254–255 CCW Fast

24Ch (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–3 Open (wheel slot 1) 4–7 Gobo 1 (wheel slot 2) 8–11 Gobo 2 (wheel slot 3) 12–15 Gobo 3 (wheel slot 4) 16–19 Gobo 4 (wheel slot 5) 20–23 Gobo 5 (wheel slot 6) 24–27 Gobo 6 (wheel slot 7) 28–31 Gobo 7 (wheel slot 8) 32–35 Gobo 8 (wheel slot 9) 36–39 Gobo 9 (wheel slot 10) 40–43 Gobo 10 (wheel slot 11) 44–47 Gobo 11 (wheel slot 12) 48–51 Gobo 12 (wheel slot 13) 52–55 Gobo 13 (wheel slot 14) 56–59 Gobo 14 (wheel slot 15) 60–63 Gobo 15 (wheel slot 16) 64–67 Gobo 16 (wheel slot 17) 68–71 Open (wheel slot 1) 72–77 Gobo1 Shake From Slow To Fast (wheel slot 2) 78–83 Gobo2 Shake From Slow To Fast (wheel slot 3) 84–89 Gobo3 Shake From Slow To Fast (wheel slot 4) 90–95 Gobo4 Shake From Slow To Fast (wheel slot 5) 96–101 Gobo5 Shake From Slow To Fast (wheel slot 6) 102–107 Gobo6 Shake From Slow To Fast (wheel slot 7) 108–113 Gobo7 Shake From Slow To Fast (wheel slot 8) 114–119 Gobo8 Shake From Slow To Fast (wheel slot 9) 120–125 Gobo9 Shake From Slow To Fast (wheel slot 10) 126–131 Gobo10 Shake From Slow To Fast (wheel slot 11) 132–137 Gobo11 Shake From Slow To Fast (wheel slot 12) 138–144 Gobo12 Shake From Slow To Fast (wheel slot 13) 145–149 Gobo13 Shake From Slow To Fast (wheel slot 14) 150–155 Gobo14 Shake From Slow To Fast (wheel slot 15) 156–161 Gobo15 Shake From Slow To Fast (wheel slot 16) 162–167 Gobo16 Shake From Slow To Fast (wheel slot 17) 168–168 CCW Slow 169–210 CCW Slow2Fast 211–211 CCW Fast 212–212 Stop 213–213 CW Slow 214–254 CW Slow2Fast 255–255 CW Fast

24Ch (continued)

Ch	Function	Default	DMX values
7	Gobo 2	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–71 Gobo 8 (wheel slot 9) 72–79 Gobo 1 Shake slow -> Fast 80–87 Gobo 2 Shake slow -> Fast 88–95 Gobo 3 Shake slow -> Fast 96–103 Gobo 4 Shake slow -> Fast 104–111 Gobo 5 Shake slow -> Fast 112–119 Gobo 6 Shake slow -> Fast 120–127 Gobo 7 Shake slow -> Fast 128–135 Gobo 8 Shake slow -> Fast 136–136 No Wheel Spin 137–137 CW Fast 138–194 CW Fast2Slow 195–195 CW Slow 196–196 Spin Stop 197–197 CCW Slow 198–254 CCW Slow2Fast 255–255 CCW Fast
8	Gobo Rotation	0	0–34 Min 0 degrees 35–64 1/4 90 degrees 65–94 2/4 180 degrees 95–122 3/4 270 degrees 123–123 4/4 360 degrees 124–124 CW Fast 125–186 CW Fast2Slow 187–187 CW Slow 188–191 Spin Stop 192–192 CCW Slow 193–254 CCW Slow2Fast 255–255 CCW Fast
9	Dimmer	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
10	Dimmer Fine	0	Fine byte of Dimmer
11	Shutter / Strobe	3	0–3 Open 4–255 0-100%
12	Dimmer Mode	0	0–31 600KHz Fade 32–63 600KHz No Fade 64–95 300KHz Fade 96–127 300KHz No Fade 128–159 1200KHz Fade 160–191 1200KHz No Fade 192–223 8333KHz Fade 224–255 8333KHz No Fade
13	Dimmer Curve	0	0–31 Square law 32–63 Linear 64–95 Inverse square law 96–127 S-Curve 128–255 Reserve
14	Prism	0	0–31 No Prism (wheel slot 1) 32–255 8F Prism (wheel slot 2)

24Ch (continued)

Ch	Function	Default	DMX values
15	Prism Rotation	3	0–34 Min 0 degrees 35–64 1/4 90 degrees 65–94 2/4 180 degrees 95–122 3/4 270 degrees 123–123 4/4 360 degrees 124–124 CCW Fast 125–186 CCW Slow2Fast 187–187 CCW Slow 188–191 Spin Stop 192–192 CW Slow 193–254 CW Slow to Fast 255–255 CW Fast
16	Zoom	127	
17	Zoom Fine	255	Fine byte of Zoom
18	Focus	127	
19	Focus Fine	255	Fine byte of Focus
20	Focus1Distance	0	
21	Focus1Distance Fine	0	Fine byte of Focus1Distance
22	Frost1	0	0–9 Open 10–255 Linear frost
23	Scan Speed	0	
24	Control1	0	0–19 No Used 20–29 Reset All 30–39 Reset Pan/Tilt 40–49 Reset Colour/Gobo/CMY/CTO 50–59 Reset Zoom/Focus/PrismFros 60–69 No Effect 70–74 Display Default 75–79 Display off(don't Keep after shutdown) 80–84 Display on(don't Keep after shutdown) 85–89 Fan speed low(Keep after shutdown) 90–94 Fan speed medium(Keep after shutdown) 95–99 Fan speed high(Keep after shutdown) 100–255 No Effect