ALSTERLIGHTS

AL - LS400 HYBRID



Manufacturer	**ALSTERLIGHTS**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**23 channels**
Beam angle	**4-35°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**203 × 356 × 152 mm**
GDTF fixture type	**B4C203C7-EB87-4911-AA0D-3E...**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · Extra LED colours · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Service functions · Strobe

DMX modes

Standard Mode 23ch Pan540 — 23 ch

Standard Mode 23ch Pan540

23 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	
7	Shutter / Strobe	255	0–3 Dimmer Close 4–107 Strob Slow to fast 108–155 Pulse Open 156–212 Pulse Close 213–251 RND 252–255 Open
8	Color Wheel	0	0–9 Open / White (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 Yellow (wheel slot 5) 50–59 Magenta (wheel slot 6) 60–69 Cyan (wheel slot 7) 70–79 Pink (wheel slot 8) 80–89 Orange (wheel slot 9) 90–99 Red/White (wheel slot 10) 100–109 Red/Green (wheel slot 11) 110–119 Blue/Green (wheel slot 12) 120–129 Yellow/Blue (wheel slot 13) 130–139 Magenta/Yellow (wheel slot 14) 140–149 Blue/Purple (wheel slot 15) 150–159 Pink/Cyan (wheel slot 16) 160–169 Orange/Pink (wheel slot 17) 170–179 White/Orange (wheel slot 18) 180–195 Fastest 196–215 Slowest 216–220 No Rotation 221–236 Slowest 237–255 Fastest
9	C TO	0	
10	Color Add C	0	
11	Color Add M	0	
12	Color Add Y	0	

Standard Mode 23ch Pan540 (continued)

Ch	Function	Default	DMX values
13	Gobo	0	0–9 Open (wheel slot 1) 10–14 Gobo 1 (wheel slot 2) 15–19 Gobo 2 (wheel slot 3) 20–24 Gobo 3 (wheel slot 4) 25–29 Gobo 4 (wheel slot 5) 30–34 Gobo 5 (wheel slot 6) 35–39 Gobo 6 (wheel slot 7) 40–44 Gobo 7 (wheel slot 8) 45–49 Gobo 8 (wheel slot 9) 50–54 Gobo 9 (wheel slot 10) 55–59 Gobo 10 (wheel slot 11) 60–64 Gobo 11 (wheel slot 12) 65–69 Gobo Shake 1 (wheel slot 2) 70–74 Gobo Shake 2 (wheel slot 3) 75–79 Gobo Shake 3 (wheel slot 4) 80–84 Gobo Shake 4 (wheel slot 5) 85–89 Gobo Shake 5 (wheel slot 6) 90–94 Gobo Shake 6 (wheel slot 7) 95–99 Gobo Shake 7 (wheel slot 8) 100–104 Gobo Shake 8 (wheel slot 9) 105–109 Gobo Shake 9 (wheel slot 10) 110–114 Gobo Shake 10 (wheel slot 11) 115–127 Gobo Shake 11 (wheel slot 12) 128–190 Fast to slow 191–192 Stop 193–255 Slow to fast
14	Zoom	128	0–0 Wide 1–254 Wide to Narrow 255–255 Narrow
15	Focus	30	
16	Gobo 2	0	0–9 White (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–89 Jitter slow to fast Gobo 1 (wheel slot 2) 90–99 Jitter slow to fast Gobo 2 (wheel slot 3) 100–109 Jitter slow to fast Gobo 3 (wheel slot 4) 110–119 Jitter slow to fast Gobo 4 (wheel slot 5) 120–129 Jitter slow to fast Gobo 5 (wheel slot 6) 130–139 Jitter slow to fast Gobo 6 (wheel slot 7) 140–149 Jitter slow to fast Gobo 7 (wheel slot 8) 150–200 Rotate CW (fast to slow) 201–205 Stop 206–255 Rotate C (slow to fast)
17	Gobo Rotation	0	0–127 0-400 degrees 128–190 Rotate forward (fast to slow) 191–192 No sprin 193–255 Rotate backwards (Slow to fast)
18	Prism	0	0–127 No Effect 128–255 Prism 1 (8 circular facet)
19	Prism Rotation	0	0–127 Prism1PosRotate 1 128–187 Rotate CW (slow to fast) 188–195 Stop 196–255 Rotate C (slow to fast) 1
20	Prism	0	0–127 No Effect 128–255 Prism 2 (linear)

Standard Mode 23ch Pan540 (continued)

Ch	Function	Default	DMX values
21	Prism Rotation	0	0–127 Prism2PosRotate 1 128–187 Rotate CW (Slow to Fast) 1 188–195 stop 196–255 Rotate C (Slow to Fast)
22	Frost1	0	0–127 none 128–255 Instert frost
23	Fixture Calibration Reset	0	210–219 Reset effect motor over 6 seconds 220–239 Reset XY motor over 6 seconds 240–255 Reset over 6 seconds