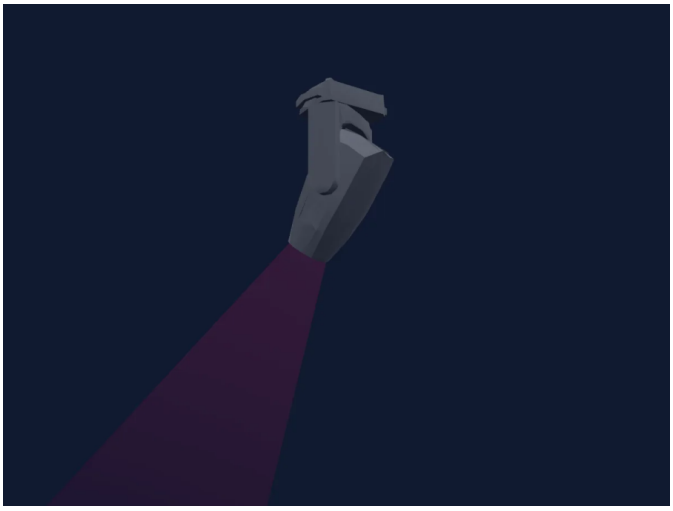
Ayrton

Levante



Manufacturer	**Ayrton**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**29, 31, 50 channels**
Beam angle	**6.9-57°**
Pan range	**542.12°**
Tilt range	**264.04°**
Size (W × H × D)	**249 × 462 × 230 mm**
GDTF fixture type	**E119B052-ECC0-4C1B-83BC-14…**

Controls

Focus · Frost · Iris · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Basic_540	29 ch
Standard_540	31 ch
Extended_540	50 ch

Basic_540

29 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	0–225 max to min speed 226–235 blackout by movement 236–245 blackout by all wheels 246–255 no function
4	Shutter / Strobe	11	0–10 Closed 11–20 open 21–116 ShutterStrobe · min 0.5–24.7 Hz 117–117 ShutterStrobe · max 25 Hz 118–126 open 127–179 ShutterPulse · min 0.5–24.5 Hz 180–180 ShutterPulse · max 25 Hz 181–191 open 192–244 ShutterRandom · min 0.5–24.5 Hz 245–245 ShutterRandom · max 25 Hz 246–255 open
5	Dimmer	0	0–254 closed 255–255 open
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Zoom	128	0–127 narrow 128–254 mid 255–255 wide
10	Focus	128	0–127 near 128–254 mid 255–255 far
11	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 Quarter CTB (wheel slot 2) 8–11 Magenta (wheel slot 3) 12–15 Congo Blue (wheel slot 4) 16–19 Green (wheel slot 5) 20–23 Orange (wheel slot 6) 24–27 Blue (wheel slot 7) 28–31 Red (wheel slot 8) 32–43 Open (wheel slot 1) 44–55 Quarter CTB (wheel slot 2) 56–67 Magenta (wheel slot 3) 68–79 Congo Blue (wheel slot 4) 80–91 Green (wheel slot 5) 92–103 Orange (wheel slot 6) 104–115 Blue (wheel slot 7) 116–127 Red (wheel slot 8) 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
12	Cyan	0	
13	Magenta	0	
14	Yellow	0	
15	C TO	0	

Basic_540 (continued)

Ch	Function	Default	DMX values
16	Gobo	0	0–9 Open (wheel slot 1) 10–19 BoldLine (wheel slot 2) 20–29 FourLines (wheel slot 3) 30–39 TriangleBeam (wheel slot 4) 40–49 SquareBeam (wheel slot 5) 50–59 DotRing6 (wheel slot 6) 60–69 HalfBeam (wheel slot 7) 70–77 Bubble (wheel slot 8) 78–93 BoldLine (wheel slot 2) 94–109 FourLines (wheel slot 3) 110–125 TriangleBeam (wheel slot 4) 126–141 SquareBeam (wheel slot 5) 142–157 DotRing6 (wheel slot 6) 158–173 HalfBeam (wheel slot 7) 174–189 Bubble (wheel slot 8) 190–220 CW max 221–221 CW min 222–223 Stop 224–254 CCW min 255–255 CCW max
17	Gobo Rotation	0	0–126 Gobo1Index 128–187 CW max 188–188 CW min 189–192 stop 193–253 CCW min 254–255 CCW max
18	Iris	0	0–190 open 191–191 close 192–222 pulse max 223–223 pulse min 224–254 Pulse slow 255–255 Pulse fast
19	Frost1	0	
20	Blade3B	0	
21	Blade3A	0	
22	Blade1B	0	
23	Blade1A	0	
24	Blade4B	0	
25	Blade4A	0	
26	Blade2B	0	
27	Blade2A	0	
28	Shaper Rot	128	0–127 min 128–254 default 255–255 max

Basic_540 (continued)

Ch	Function	Default	DMX values
29	Control1	0	0–4 No Function 5–9 Display Off 10–14 Display On 15–19 Display Inv Off 20–24 Display Inv On 25–26 Auto Fan 27–28 Stage Fan 29–30 Silence Fan 31–32 Super Silence Fan 33–34 Constant Fan OFF 35–44 Constant Fan ON 45–49 Square Law 50–54 Linear 55–58 1200 Hz 59–62 2400 Hz 63–66 16000 Hz 67–69 25000 Hz 70–74 Gobo correction OFF 75–79 Gobo correction ON 80–84 All Motor Reset 85–87 PAN/TILT Motor Reset 88–90 Color Motor Reset 91–96 Gobo Motor Reset 97–255 Other Motor Reset

Standard_540

31 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	Position MSpeed	0	0–225 max to min speed 226–235 blackout by movement 236–245 blackout by all wheels 246–255 no function
6	Shutter / Strobe	11	0–10 Closed 11–20 open 21–116 ShutterStrobe · min 0.5–24.7 Hz 117–117 ShutterStrobe · max 25 Hz 118–126 open 127–179 ShutterPulse · min 0.5–24.5 Hz 180–180 ShutterPulse · max 25 Hz 181–191 open 192–244 ShutterRandom · min 0.5–24.5 Hz 245–245 ShutterRandom · max 25 Hz 246–255 open
7	Dimmer	0	0–254 closed 255–255 open
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Zoom	128	0–127 narrow 128–254 mid 255–255 wide

Standard_540 (continued)

Ch	Function	Default	DMX values
12	Focus	128	0–127 near 128–254 mid 255–255 far
13	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 Quarter CTB (wheel slot 2) 8–11 Magenta (wheel slot 3) 12–15 Congo Blue (wheel slot 4) 16–19 Green (wheel slot 5) 20–23 Orange (wheel slot 6) 24–27 Blue (wheel slot 7) 28–31 Red (wheel slot 8) 32–43 Open (wheel slot 1) 44–55 Quarter CTB (wheel slot 2) 56–67 Magenta (wheel slot 3) 68–79 Congo Blue (wheel slot 4) 80–91 Green (wheel slot 5) 92–103 Orange (wheel slot 6) 104–115 Blue (wheel slot 7) 116–127 Red (wheel slot 8) 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
14	Cyan	0	
15	Magenta	0	
16	Yellow	0	
17	C TO	0	
18	Gobo	0	0–9 Open (wheel slot 1) 10–19 BoldLine (wheel slot 2) 20–29 FourLines (wheel slot 3) 30–39 TriangleBeam (wheel slot 4) 40–49 SquareBeam (wheel slot 5) 50–59 DotRing6 (wheel slot 6) 60–69 HalfBeam (wheel slot 7) 70–77 Bubble (wheel slot 8) 78–93 BoldLine (wheel slot 2) 94–109 FourLines (wheel slot 3) 110–125 TriangleBeam (wheel slot 4) 126–141 SquareBeam (wheel slot 5) 142–157 DotRing6 (wheel slot 6) 158–173 HalfBeam (wheel slot 7) 174–189 Bubble (wheel slot 8) 190–220 CW max 221–221 CW min 222–223 Stop 224–254 CCW min 255–255 CCW max
19	Gobo Rotation	0	0–126 Gobo1Index 128–187 CW max 188–188 CW min 189–192 stop 193–253 CCW min 254–255 CCW max
20	Iris	0	0–190 open 191–191 close 192–222 pulse max 223–223 pulse min 224–254 Pulse slow 255–255 Pulse fast

Standard_540 (continued)

Ch	Function	Default	DMX values
21	Frost1	0	
22	Blade3B	0	
23	Blade3A	0	
24	Blade1B	0	
25	Blade1A	0	
26	Blade4B	0	
27	Blade4A	0	
28	Blade2B	0	
29	Blade2A	0	
30	Shaper Rot	128	0–127 min 128–254 default 255–255 max
31	Control1	0	0–4 No Function 5–9 Display Off 10–14 Display On 15–19 Display Inv Off 20–24 Display Inv On 25–26 Auto Fan 27–28 Stage Fan 29–30 Silence Fan 31–32 Super Silence Fan 33–34 Constant Fan OFF 35–44 Constant Fan ON 45–49 Square Law 50–54 Linear 55–58 1200 Hz 59–62 2400 Hz 63–66 16000 Hz 67–69 25000 Hz 70–74 Gobo correction OFF 75–79 Gobo correction ON 80–84 All Motor Reset 85–87 PAN/TILT Motor Reset 88–90 Color Motor Reset 91–96 Gobo Motor Reset 97–255 Other Motor Reset

Extended_540

50 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	Position MSpeed	0	0–225 max to min speed 226–235 blackout by movement 236–245 blackout by all wheels 246–255 no function

Extended_540 (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	11	0–10 Closed 11–20 open 21–116 ShutterStrobe · min 0.5–24.7 Hz 117–117 ShutterStrobe · max 25 Hz 118–126 open 127–179 ShutterPulse · min 0.5–24.5 Hz 180–180 ShutterPulse · max 25 Hz 181–191 open 192–244 ShutterRandom · min 0.5–24.5 Hz 245–245 ShutterRandom · max 25 Hz 246–255 open
7	Dimmer	0	0–254 closed 255–255 open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Zoom	128	0–127 narrow 128–254 mid 255–255 wide
13	Zoom Fine	0	Fine byte of Zoom
14	Focus	128	0–127 near 128–254 mid 255–255 far
15	Focus Fine	0	Fine byte of Focus
16	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 Quarter CTB (wheel slot 2) 8–11 Magenta (wheel slot 3) 12–15 Congo Blue (wheel slot 4) 16–19 Green (wheel slot 5) 20–23 Orange (wheel slot 6) 24–27 Blue (wheel slot 7) 28–31 Red (wheel slot 8) 32–43 Open (wheel slot 1) 44–55 Quarter CTB (wheel slot 2) 56–67 Magenta (wheel slot 3) 68–79 Congo Blue (wheel slot 4) 80–91 Green (wheel slot 5) 92–103 Orange (wheel slot 6) 104–115 Blue (wheel slot 7) 116–127 Red (wheel slot 8) 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
17	Color Wheel Fine	0	Fine byte of Color Wheel
18	Cyan	0	
19	Cyan Fine	0	Fine byte of Cyan
20	Magenta	0	
21	Magenta Fine	0	Fine byte of Magenta
22	Yellow	0	
23	Yellow Fine	0	Fine byte of Yellow
24	C TO	0	
25	C TO Fine	0	Fine byte of C TO

Extended_540 (continued)

Ch	Function	Default	DMX values
26	Gobo	0	0–9 Open (wheel slot 1) 10–19 BoldLine (wheel slot 2) 20–29 FourLines (wheel slot 3) 30–39 TriangleBeam (wheel slot 4) 40–49 SquareBeam (wheel slot 5) 50–59 DotRing6 (wheel slot 6) 60–69 HalfBeam (wheel slot 7) 70–77 Bubble (wheel slot 8) 78–93 BoldLine (wheel slot 2) 94–109 FourLines (wheel slot 3) 110–125 TriangleBeam (wheel slot 4) 126–141 SquareBeam (wheel slot 5) 142–157 DotRing6 (wheel slot 6) 158–173 HalfBeam (wheel slot 7) 174–189 Bubble (wheel slot 8) 190–220 CW max 221–221 CW min 222–223 Stop 224–254 CCW min 255–255 CCW max
27	Gobo Rotation	0	0–126 Gobo1Index 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
28	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
29	Iris	0	0–190 open 191–191 close 192–222 pulse max 223–223 pulse min 224–254 Pulse slow 255–255 Pulse fast
30	Iris Fine	0	Fine byte of Iris
31	Frost1	0	
32	Blade3B	0	
33	Blade3B Fine	0	Fine byte of Blade3B
34	Blade3A	0	
35	Blade3A Fine	0	Fine byte of Blade3A
36	Blade1B	0	
37	Blade1B Fine	0	Fine byte of Blade1B
38	Blade1A	0	
39	Blade1A Fine	0	Fine byte of Blade1A
40	Blade4B	0	
41	Blade4B Fine	0	Fine byte of Blade4B
42	Blade4A	0	
43	Blade4A Fine	0	Fine byte of Blade4A
44	Blade2B	0	
45	Blade2B Fine	0	Fine byte of Blade2B
46	Blade2A	0	
47	Blade2A Fine	0	Fine byte of Blade2A
48	Shaper Rot	128	0–127 min 128–254 default 255–255 max

Extended_540 (continued)

Ch	Function	Default	DMX values
49	Shaper Rot Fine	0	Fine byte of Shaper Rot
50	Control1	0	0–4 No Function 5–9 Display Off 10–14 Display On 15–19 Display Inv Off 20–24 Display Inv On 25–26 Auto Fan 27–28 Stage Fan 29–30 Silence Fan 31–32 Super Silence Fan 33–34 Constant Fan OFF 35–44 Constant Fan ON 45–49 Square Law 50–54 Linear 55–58 1200 Hz 59–62 2400 Hz 63–66 16000 Hz 67–69 25000 Hz 70–74 Gobo correction OFF 75–79 Gobo correction ON 80–84 All Motor Reset 85–87 PAN/TILT Motor Reset 88–90 Color Motor Reset 91–96 Gobo Motor Reset 97–255 Other Motor Reset