Ayrton

Rivale Wash



Manufacturer	**Ayrton**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**38, 60 channels**
Beam angle	**4-57°**
Pan range	**542.12°**
Tilt range	**271.05°**
Size (W × H × D)	**275 × 506 × 225 mm**
GDTF fixture type	**EE8F9825-151E-449A-8549-924…**

Controls

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

DMX modes

Standard_540	38 ch
Extended_540	60 ch

Standard_540

38 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	Pan Rotate	0	32–84 Stop by SpinOut 85–127 Stop by ShortCut 128–188 CW max 189–189 CW min 190–193 Pause 194–254 CCW min 255–255 CCW max
6	Tilt Rotate	0	32–84 Stop by SpinOut 85–127 Stop by ShortCut 128–188 CW max 189–189 CW min 190–193 Pause 194–254 CCW min 255–255 CCW max
7	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
8	Dimmer	0	0–254 closed 255–255 open
9	Dimmer Fine	0	Fine byte of Dimmer
10	Zoom	128	0–127 narrow 128–254 mid 255–255 wide
11	Zoom Fine	0	Fine byte of Zoom
12	Focus	128	0–127 near 128–254 mid 255–255 far
13	Focus Fine	0	Fine byte of Focus

Standard_540 (continued)

Ch	Function	Default	DMX values
14	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 QuarterCTB (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
15	Color Wheel Fine	0	Fine byte of Color Wheel
16	Cyan	0	
17	Magenta	0	
18	Yellow	0	
19	C TO	0	
20	C TP	0	0–254 Mix 255–255 Max
21	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Dot Line 4 (wheel slot 2) 20–28 Dot Triangle 3 (wheel slot 3) 29–38 Square Beam 4 (wheel slot 4) 39–48 Fives Spokes (wheel slot 5) 49–58 Breaking Glass (wheel slot 6) 59–67 Waves (wheel slot 7) 68–77 Scrim Filter (wheel slot 8) 78–93 DotLine11 (wheel slot 2) 94–109 StarDust (wheel slot 3) 110–125 NestedTriangle (wheel slot 4) 126–141 Vortex (wheel slot 5) 142–157 BlackWhiteTarget (wheel slot 6) 158–173 NestedRingY (wheel slot 7) 174–189 CMYLiquidEffect (wheel slot 8) 190–220 CW max 221–221 CW min 222–223 Stop 224–254 CCW min 255–255 CCW max
22	Gobo Rotation	0	0–127 Gobo1Index 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
23	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Standard_540 (continued)

Ch	Function	Default	DMX values
24	Animation Wheel1	0	0–7 open 8–126 CW max (wheel slot 1) 127–127 CW min (wheel slot 1) 128–135 stop (wheel slot 1) 136–254 CCW min (wheel slot 1) 255–255 CCW max (wheel slot 1)
25	Iris	0	0–190 open 191–191 close 192–222 pulse max 223–223 pulse min 224–254 Pulse slow 255–255 Pulse fast
26	Beam Shaper	0	0–127 Open (wheel slot 1) 128–255 Beam Shaper (wheel slot 2)
27	Beam Shaper Pos	0	0–127 BeamShaper1Index 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
28	Frost1	0	0–254 open 255–255 Light Frost
29	Blade3B	0	
30	Blade3A	0	
31	Blade1B	0	
32	Blade1A	0	
33	Blade4B	0	
34	Blade4A	0	
35	Blade2B	0	
36	Blade2A	0	
37	Shaper Rot	128	0–127 min 128–254 default 255–255 max
38	Control1	0	

Extended_540

60 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	Pan Rotate	0	32–84 Stop by SpinOut 85–127 Stop by ShortCut 128–188 CW max 189–189 CW min 190–193 Pause 194–254 CCW min 255–255 CCW max

Extended_540 (continued)

Ch	Function	Default	DMX values
7	Tilt Rotate	0	32–84 Stop by SpinOut 85–127 Stop by ShortCut 128–188 CW max 189–189 CW min 190–193 Pause 194–254 CCW min 255–255 CCW max
8	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
9	Dimmer	0	0–254 closed 255–255 open
10	Dimmer Fine	0	Fine byte of Dimmer
11	Zoom	128	0–127 narrow 128–254 mid 255–255 wide
12	Zoom Fine	0	Fine byte of Zoom
13	Focus	128	0–127 near 128–254 mid 255–255 far
14	Focus Fine	0	Fine byte of Focus
15	Focus1Distance	0	0–50 NoAutoFocus 51–100 5m 101–150 7_5m 151–200 10m 201–255 15m
16	Focus1Distance Fine	0	Fine byte of Focus1Distance
17	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 QuarterCTB (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
18	Color Wheel Fine	0	Fine byte of Color Wheel
19	Cyan	0	

Extended_540 (continued)

Ch	Function	Default	DMX values
20	Cyan Fine	0	Fine byte of Cyan
21	Magenta	0	
22	Magenta Fine	0	Fine byte of Magenta
23	Yellow	0	
24	Yellow Fine	0	Fine byte of Yellow
25	C TO	0	
26	C TO Fine	0	Fine byte of C TO
27	C TP	0	0–254 Mix 255–255 Max
28	C TP Fine	0	Fine byte of C TP
29	Tint	0	0–0 Tint Off 127–255 Tint 0
30	No Feature	0	
31	No Feature Fine	0	Fine byte of No Feature
32	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Dot Line 4 (wheel slot 2) 20–28 Dot Triangle 3 (wheel slot 3) 29–38 Square Beam 4 (wheel slot 4) 39–48 Fives Spokes (wheel slot 5) 49–58 Breaking Glass (wheel slot 6) 59–67 Waves (wheel slot 7) 68–77 Scrim Filter (wheel slot 8) 78–93 DotLine11 (wheel slot 2) 94–109 StarDust (wheel slot 3) 110–125 NestedTriangle (wheel slot 4) 126–141 Vortex (wheel slot 5) 142–157 BlackWhiteTarget (wheel slot 6) 158–173 NestedRingY (wheel slot 7) 174–189 CMYLiquidEffect (wheel slot 8) 190–220 CW max 221–221 CW min 222–223 Stop 224–254 CCW min 255–255 CCW max
33	Gobo Rotation	0	0–127 Gobo1Index 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
34	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
35	Animation Wheel1	0	0–7 open 8–126 CW max (wheel slot 1) 127–127 CW min (wheel slot 1) 128–135 stop (wheel slot 1) 136–254 CCW min (wheel slot 1) 255–255 CCW max (wheel slot 1)
36	Iris	0	0–190 open 191–191 close 192–222 pulse max 223–223 pulse min 224–254 Pulse slow 255–255 Pulse fast
37	Iris Fine	0	Fine byte of Iris
38	Beam Shaper	0	0–127 Open (wheel slot 1) 128–255 Beam Shaper (wheel slot 2)

Extended_540 (continued)

Ch	Function	Default	DMX values
39	Beam Shaper Pos	0	0–127 BeamShaper1Index 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
40	Beam Shaper Pos Fine	0	Fine byte of Beam Shaper Pos
41	Frost1	0	0–254 open 255–255 Light Frost
42	Blade3B	0	
43	Blade3B Fine	0	Fine byte of Blade3B
44	Blade3A	0	
45	Blade3A Fine	0	Fine byte of Blade3A
46	Blade1B	0	
47	Blade1B Fine	0	Fine byte of Blade1B
48	Blade1A	0	
49	Blade1A Fine	0	Fine byte of Blade1A
50	Blade4B	0	
51	Blade4B Fine	0	Fine byte of Blade4B
52	Blade4A	0	
53	Blade4A Fine	0	Fine byte of Blade4A
54	Blade2B	0	
55	Blade2B Fine	0	Fine byte of Blade2B
56	Blade2A	0	
57	Blade2A Fine	0	Fine byte of Blade2A
58	Shaper Rot	128	0–127 min 128–254 default 255–255 max
59	Shaper Rot Fine	0	Fine byte of Shaper Rot
60	Control1	0	