Ayrton

Kyalami



Manufacturer	**Ayrton**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**33 channels**
Beam angle	**1°**
Pan range	**542.12°**
Tilt range	**271.05°**
Size (W × H × D)	**200 × 255 × 259 mm**
GDTF fixture type	**2D1688F2-A08E-48AA-8605-C7…**

Controls

Focus · Frost · Prism · Prism rotation · CMY colour mixing · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos

DMX modes

Extended_540 — 33 ch

Extended_540

33 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 248–255 Execute blanking zone command(10 sec before ac…
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
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	Focus	128	0–127 near 128–254 mid 255–255 far
12	Focus Fine	0	Fine byte of Focus

Extended_540 (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–3 Open (wheel slot 1) 4–5 Color 1 (wheel slot 2) 6–7 Color 2 (wheel slot 3) 8–9 Color 3 (wheel slot 4) 10–11 Color 4 (wheel slot 5) 12–13 Color 5 (wheel slot 6) 14–15 Color 6 (wheel slot 7) 16–17 Color 7 (wheel slot 8) 18–19 Color 8 (wheel slot 9) 20–21 Color 9 (wheel slot 10) 22–23 Color 10 (wheel slot 11) 24–25 Color 11 (wheel slot 12) 26–27 Color 12 (wheel slot 13) 28–29 Color 13 (wheel slot 14) 30–31 Color 14 (wheel slot 15) 32–33 Color 15 (wheel slot 16) 34–35 Color 16 (wheel slot 17) 36–37 Color 17 (wheel slot 18) 38–39 Color 18 (wheel slot 19) 40–41 Color 19 (wheel slot 20) 42–43 Color 20 (wheel slot 21) 44–45 Color 21 (wheel slot 22) 46–47 Color 22 (wheel slot 23) 48–50 OPEN (wheel slot 1) 51–54 Red (wheel slot 2) 55–57 Blue (wheel slot 3) 58–61 Orange (wheel slot 4) 62–64 Green (wheel slot 5) 65–68 Pink (wheel slot 6) 69–71 Yellow (wheel slot 7) 72–75 Velvet Green (wheel slot 8) 76–78 Amber (wheel slot 9) 79–82 Light Blue (wheel slot 10) 83–85 Follies Pink (wheel slot 11) 86–92 Slate Blue (wheel slot 12) 93–96 Dark Green (wheel slot 14) 97–99 Dark Amber (wheel slot 15) 100–103 Medium Blue (wheel slot 16) 104–106 Oklahoma Yellow (wheel slot 17) 107–110 Light Amber (wheel slot 18) 111–113 CTO (wheel slot 19) 114–117 CTO 1/2 (wheel slot 20) 118–120 CTB (wheel slot 21) 121–124 CTB1/2 (wheel slot 22) 125–127 Minus Green 1/2 (wheel slot 23) 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
14	Color Wheel Fine	0	Fine byte of Color Wheel
15	Cyan	0	
16	Cyan Fine	0	Fine byte of Cyan
17	Magenta	0	
18	Magenta Fine	0	Fine byte of Magenta
19	Yellow	0	
20	Yellow Fine	0	Fine byte of Yellow

Extended_540 (continued)

Ch	Function	Default	DMX values
21	B ZCommand	0	5–9 Store/overwrite blanking Zone TOP RIGHT 10–14 Store/overwrite blanking Zone BOTTOM RIGHT 15–19 Store/overwrite blanking Zone TOP LEFT 20–24 Store/overwrite blanking Zone BOTTOM LEFT 25–29 Recall blanking Zone TOP RIGHT 30–34 Recall blanking Zone BOTTOM RIGHT 35–39 Recall blanking Zone TOP LEFT 40–44 Recall blanking Zone BOTTOM LEFT 45–49 Delete blanking Zone TOP RIGHT 50–54 Delete blanking Zone BOTTOM RIGHT 55–59 Delete blanking Zone TOP LEFT 60–64 Delete blanking Zone BOTTOM LEFT 65–69 Delete blanking Zone ALL POINT 70–74 Invert Blanking Zone Off 75–99 Invert Blanking Zone On 100–109 Distance Off 110–119 Distance 10m 120–129 Distance 15m 130–139 Distance 20m 140–149 Distance 25m 150–159 Distance 30m 160–169 Distance 35m 170–179 Distance 40m 180–189 Distance 45m 190–199 Distance 50m 200–209 Distance 55m 210–255 Distance 60m
22	B ZNumber	0	10–19 Blanking Zone #1 20–29 Blanking Zone #2 30–39 Blanking Zone #3 40–255 Blanking Zone #4
23	No Feature	0	

Extended_540 (continued)

Ch	Function	Default	DMX values
24	Gobo	0	0–15 OPEN (wheel slot 1) 16–16 80% Iris Beam (wheel slot 2) 17–17 60% Iris Beam (wheel slot 3) 18–18 40% Iris Beam (wheel slot 4) 19–19 20% Iris Beam (wheel slot 5) 20–20 Dot Line 2 (wheel slot 6) 21–21 Dot Triangle 3 (wheel slot 7) 22–22 Dot Square 4 (wheel slot 8) 23–23 Dot Ring 7 (wheel slot 9) 24–24 Dot Mix 1 (wheel slot 10) 25–25 Prison Bar 3 (wheel slot 11) 26–26 Waves Light (wheel slot 12) 27–27 Half Beam Left (wheel slot 13) 28–28 Half Beam Right (wheel slot 14) 29–29 Half Beam Up (wheel slot 15) 30–30 Half Beam Down (wheel slot 16) 31–31 Split Circle 2 (wheel slot 17) 32–32 Split Triangle 3 (wheel slot 18) 33–33 Compass 4 (wheel slot 19) 34–34 Star Beam (wheel slot 20) 35–35 Fives Spokes (wheel slot 21) 36–36 Triangle Beam (wheel slot 22) 37–37 Helix 3 (wheel slot 23) 38–38 Inverted Cross (wheel slot 24) 39–39 Rubik cube (wheel slot 25) 40–40 Square Beam 4 (wheel slot 26) 41–41 Square beam (wheel slot 27) 42–42 Tilde (wheel slot 28) 43–43 Bold line (wheel slot 29) 44–44 Vertical Line (wheel slot 30) 45–49 Gobo 1 (wheel slot 2) 50–54 Gobo 2 (wheel slot 3) 55–59 Gobo 3 (wheel slot 4) 60–64 Gobo 4 (wheel slot 5) 65–69 Gobo 5 (wheel slot 6) 70–74 Gobo 6 (wheel slot 7) 75–79 Gobo 7 (wheel slot 8) 80–84 Gobo 8 (wheel slot 9) 85–89 Gobo 9 (wheel slot 10) 90–94 Gobo 10 (wheel slot 11) 95–99 Gobo 11 (wheel slot 12) 100–104 Gobo 12 (wheel slot 13) 105–109 Gobo 13 (wheel slot 14) 110–114 Gobo 14 (wheel slot 15) 115–119 Gobo 15 (wheel slot 16) 120–124 Gobo 16 (wheel slot 17) 125–129 Gobo 17 (wheel slot 18) 130–134 Gobo 18 (wheel slot 19) 135–139 Gobo 19 (wheel slot 20) 140–144 Gobo 20 (wheel slot 21) 145–149 Gobo 21 (wheel slot 22) 150–154 Gobo 22 (wheel slot 23) 155–159 Gobo 23 (wheel slot 24) 160–164 Gobo 24 (wheel slot 25) 165–169 Gobo 25 (wheel slot 26) 170–174 Gobo 26 (wheel slot 27) 175–179 Gobo 27 (wheel slot 28) 180–184 Gobo 28 (wheel slot 29) 185–189 Gobo 29 (wheel slot 30) 190–220 CW max 221–221 CW min 222–223 Stop 224–254 CCW min 255–255 CCW max

Extended_540 (continued)

Ch	Function	Default	DMX values
25	Prism	0	0–127 OPEN (wheel slot 1) 128–255 Prism 1 (wheel slot 2)
26	Prism Rotation	0	0–127 Prism1Index 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
27	Prism Rotation Fine	0	Fine byte of Prism Rotation
28	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism 1 (wheel slot 2)
29	Prism Rotation	0	0–127 Prism2Index 128–188 CW max 189–189 CW min 190–193 stop 194–254 CCW min 255–255 CCW max
30	Prism Rotation Fine	0	Fine byte of Prism Rotation
31	Frost1	0	0–254 No Frost 255–255 Frost IN
32	Frost2	0	0–254 No Frost 255–255 Frost IN
33	Control1	0	