Ayrton

MagicDot XT



Manufacturer	**Ayrton**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**17 channels**
Beam angle	**2°**
Pan range	**540°**
Tilt range	**540°**
Size (W × H × D)	**190 × 172 × 195 mm**
GDTF fixture type	**AB4C932D-0784-482A-A7FC-A…**

Controls

Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed

DMX modes

Standard 17 ch

Standard

17 channels

Ch	Function	Default	DMX values
1	Pan	85	
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 (wheel slot -1) 226–255 blackout by movement (wheel slot -1)
6	Pan Mode	0	0–127 None (wheel slot -1) 128–158 <<< Pan (wheel slot -1) 159–188 << Pan (wheel slot -1) 189–189 < Pan (wheel slot -1) 190–193 = Pan (wheel slot -1) 194–225 > Pan (wheel slot -1) 226–254 >> Pan (wheel slot -1) 255–255 >>> Pan (wheel slot -1)
7	Tilt Mode	0	0–127 No function (wheel slot -1) 128–158 <<< Tilt (wheel slot -1) 159–188 << Tilt (wheel slot -1) 189–189 < Tilt (wheel slot -1) 190–193 = Tilt (wheel slot -1) 194–225 > Tilt (wheel slot -1) 226–254 >> Tilt (wheel slot -1) 255–255 >>> Tilt (wheel slot -1)
8	Red	0	
9	Green	0	
10	Blue	0	
11	White	255	
12	Shutter / Strobe	50	0–31 Closed 32–63 Open (wheel slot -1) 64–78 Shutter1Strobe 2 · / 0.5–11.6 Hz (wheel slot -1) 79–94 Shutter1Strobe 2 · // 12.4–24.2 Hz (wheel slot -1) 95–95 Shutter1Strobe 2 · /// 25 Hz (wheel slot -1) 96–127 Open (wheel slot -1) 128–142 < Pulse Strobe (wheel slot -1) 143–158 << Pulse Strobe (wheel slot -1) 159–159 <<< Pulse Strobe (wheel slot -1) 160–191 Open (wheel slot -1) 192–206 / Random Strobe (wheel slot -1) 207–222 // Random Strobe (wheel slot -1) 223–223 /// Random Strobe (wheel slot -1) 224–255 Open (wheel slot -1)
13	Dimmer	0	
14	Color Effects1	0	0–7 No Color macro (wheel slot -1) 8–39 Red > Yellow (wheel slot -1) 40–71 Yellow > Green (wheel slot -1) 72–103 Green > Cyan (wheel slot -1) 104–135 Cyan > Blue (wheel slot -1) 136–167 Blue > Magenta (wheel slot -1) 168–199 Magenta > Red (wheel slot -1) 200–231 Red > White (wheel slot -1) 232–242 Custom Macro 1 (wheel slot -1) 243–254 Custom Macro 2 (wheel slot -1) 255–255 Custom Macro 3 (wheel slot -1)

Standard (continued)

Ch	Function	Default	DMX values
15	Color Macro1	0	0–4 W (wheel slot -1) 5–9 2700K (wheel slot -1) 10–14 3200K (wheel slot -1) 15–19 4200K (wheel slot -1) 20–24 5600K (wheel slot -1) 25–29 6500K (wheel slot -1) 30–34 8000K (wheel slot -1) 35–39 Yellow (wheel slot -1) 40–44 Magenta (wheel slot -1) 45–49 Cyan (wheel slot -1) 50–54 Salmon (wheel slot -1) 55–59 Turquoise (wheel slot -1) 60–64 Light green (wheel slot -1) 65–69 Steel blue (wheel slot -1) 70–74 Orange (wheel slot -1) 75–79 Straw (wheel slot -1) 80–84 Pale lavender (wheel slot -1) 85–89 Pink (wheel slot -1) 90–94 Red (wheel slot -1) 95–99 Green (wheel slot -1) 100–104 Blue (wheel slot -1) 105–109 Rainbow 1 (wheel slot -1) 110–114 Rainbow 2 (wheel slot -1) 115–119 Rainbow 3 (wheel slot -1) 120–124 Rainbow 4 (wheel slot -1) 125–129 Rainbow 5 (wheel slot -1) 130–134 Rainbow 6 (wheel slot -1) 135–139 Rainbow 7 (wheel slot -1) 140–144 Rainbow 8 (wheel slot -1) 145–149 Rainbow 9 (wheel slot -1) 150–154 Rainbow 10 (wheel slot -1) 155–159 Rainbow 11 (wheel slot -1) 160–164 Rainbow 12 (wheel slot -1) 165–169 Rainbow 13 (wheel slot -1) 170–174 Rainbow 14 (wheel slot -1) 175–179 Rainbow 15 (wheel slot -1) 180–184 Rainbow 16 (wheel slot -1) 185–189 Rainbow 17 (wheel slot -1) 190–194 Rainbow 18 (wheel slot -1) 195–199 Rainbow 19 (wheel slot -1) 200–255 NoFeature 2
16	Color Preset Dimmer	0	
17	Function	0	0–79 Normal (wheel slot -1) 80–84 All motor reset (wheel slot -1) 85–87 Scan motor reset (wheel slot -1) 88–99 no function (wheel slot -1) 100–119 Internal program 1 (wheel slot -1) 120–139 Internal program 2 (wheel slot -1) 140–159 Internal program 3 (wheel slot -1) 160–179 Internal program 4 (wheel slot -1) 180–199 Internal program 5 (wheel slot -1) 200–219 Internal program 6 (wheel slot -1) 220–239 Internal program 7 (wheel slot -1) 240–255 Internal program 8 (wheel slot -1)