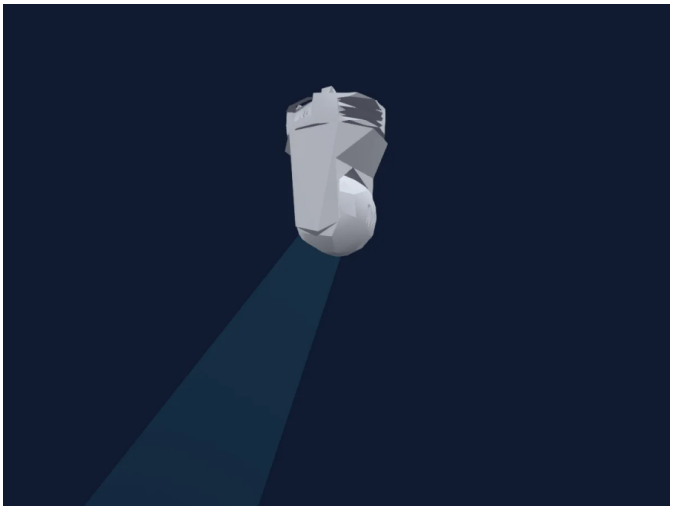
Ayrton

MagicDot SX



Manufacturer	**Ayrton**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**19 channels**
Beam angle	**5-40°**
Pan range	**540°**
Tilt range	**540°**
Size (W × H × D)	**157 × 153 × 168 mm**
GDTF fixture type	**897950E8-6C15-43B6-83B5-65…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer · Movement speed

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Standard 19 ch

Standard

19 channels

Ch	Function	Default	DMX values
1	Pan	85	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–225 max to min speed 226–235 blackout by movement 236–255 no function
6	Pan Mode	0	0–127 no function 128–189 Forwards Pan rotation from fast to slow 190–193 No rotation 194–255 Backwards Pan rotation from slow to fast
7	Tilt Mode	0	0–127 no function 128–189 Forwards Tilt rotation from fast to slow 190–193 No rotation 194–255 Backwards Tilt rotation from slow to fast
8	Red	0	
9	Green	0	
10	Blue	0	
11	White	255	
12	Shutter / Strobe	32	0–31 Led trun off 32–63 Led turn on 64–95 Strobe effect slow to fast 96–127 Led turn on 128–159 Pulse-effect in sequences 160–191 Led turn on 192–223 Random strobe effect slow to fast 224–255 Led turn on
13	Dimmer	0	0–127 Dimmer OFF 128–254 Dimmer 50 % 255–255 Dimmer 100 %
14	Color Macro1	0	0–7 No function 8–39 from RED to YELLOW 40–71 from YELLOW to GREEN 72–103 from GREEN to CYAN 104–135 from CYAN to BLUE 136–167 from BLUE to MAGENTA 168–199 from MAGENTA to RED 200–231 from RED to WHITE 232–255 Crossfading colours from slow to fast

Standard (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–4 No function 5–9 White2700k (wheel slot 1) 10–14 White3200k (wheel slot 2) 15–19 White4200k (wheel slot 3) 20–24 White5600k (wheel slot 4) 25–29 White6500k (wheel slot 5) 30–34 White8000k (wheel slot 6) 35–39 Yellow (wheel slot 7) 40–44 Magenta (wheel slot 8) 45–49 Cyan (wheel slot 9) 50–54 Salmon (wheel slot 10) 55–59 Turquoise (wheel slot 11) 60–64 Light Green (wheel slot 12) 65–69 Steel Blue (wheel slot 13) 70–74 Orange (wheel slot 14) 75–79 Straw (wheel slot 15) 80–84 Pale Lavander (wheel slot 16) 85–89 Pink (wheel slot 17) 90–94 Red (wheel slot 18) 95–99 Green (wheel slot 19) 100–104 Blue (wheel slot 20) 105–199 White (wheel slot 21) 200–255 Reserved
16	Color Preset Dimmer	0	
17	Zoom	127	0–126 Narrow 127–254 Mid 255–255 Wide
18	Zoom Fine	255	Fine byte of Zoom
19	Control1	0	