Ayrton

MagicPanel R



Manufacturer	**Ayrton**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**16, 18, 20 channels**
Beam angle	**4.5°**
Pan range	**540°**
Tilt range	**540°**
Size (W × H × D)	**342 × 135 × 342 mm**
GDTF fixture type	**31916B10-227A-4CB0-936F-A0…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Extended	16 ch
Basic	18 ch
Standard	20 ch

Extended

16 channels

Ch	Function	Default	DMX values
1	Pan	170	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Pan Rotate	0	0–63 Stop by SpinOut 64–127 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	0–63 Stop by SpinOut 64–127 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	32	0–31 LED OFF 32–63 LED ON 64–74 Min 75–94 Mid 95–95 Max 96–127 Led ON 1 128–144 Min 145–158 Mid 159–159 Max 160–191 Led ON 2 192–223 Empty Channel Set 224–255 Led ON 3
9	Dimmer	0	0–254 Closed 255–255 Open
10	Color Macro1	0	
11	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 White2700k (wheel slot 2) 10–14 White3200k (wheel slot 3) 15–19 White4200k (wheel slot 4) 20–24 White5600k (wheel slot 5) 25–29 White6500k (wheel slot 6) 30–34 White8000k (wheel slot 7) 35–39 Yellow (wheel slot 8) 40–44 Magenta (wheel slot 9) 45–49 Cyan (wheel slot 10) 50–54 Salmon (wheel slot 11) 55–59 Turquoise (wheel slot 12) 60–64 Light Green (wheel slot 13) 65–69 Steel Blue (wheel slot 14) 70–74 Orange (wheel slot 15) 75–79 Straw (wheel slot 16) 80–84 Pale Lavander (wheel slot 17) 85–89 Pink (wheel slot 18) 90–94 Red (wheel slot 19) 95–99 Green (wheel slot 20) 100–104 Blue (wheel slot 21) 105–109 White (wheel slot 22) 110–114 Rainbow1 (wheel slot 23) 115–119 Rainbow2 (wheel slot 24) 120–255 Rainbow3 (wheel slot 25)

Extended (continued)

Ch	Function	Default	DMX values
12	Chase Patterns	0	
13	Chase Speed	0	0–49 <<< 50–119 << 120–127 < 128–134 Stop(=0) 135–204 > 205–254 >> 255–255 >>>
14	Chase Fade	0	
15	Color Preset Dimmer	0	
16	Fixture Global Reset	0	

Basic

18 channels

Ch	Function	Default	DMX values
1	Pan	170	
2	Tilt	128	
3	Position MSpeed	0	
4	Pan Rotate	0	0–63 Stop by SpinOut 64–127 Stop by ShortCut 128–188 CW max 189–189 CW min 190–193 Pause 194–254 CCW min 255–255 CCW max
5	Tilt Rotate	0	0–63 Stop by SpinOut 64–127 Stop by ShortCut 128–188 CW max 189–189 CW min 190–193 Pause 194–254 CCW min 255–255 CCW max
6	Red	0	
7	Green	0	
8	Blue	0	
9	White	255	
10	Shutter / Strobe	32	0–31 LED OFF 32–63 LED ON 64–74 Min 75–94 Mid 95–95 Max 96–127 Led ON 1 128–144 Min 145–158 Mid 159–159 Max 160–191 Led ON 2 192–223 Empty Channel Set 224–255 Led ON 3
11	Dimmer	0	0–254 Closed 255–255 Open
12	Color Macro1	0	

Basic (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 White2700k (wheel slot 2) 10–14 White3200k (wheel slot 3) 15–19 White4200k (wheel slot 4) 20–24 White5600k (wheel slot 5) 25–29 White6500k (wheel slot 6) 30–34 White8000k (wheel slot 7) 35–39 Yellow (wheel slot 8) 40–44 Magenta (wheel slot 9) 45–49 Cyan (wheel slot 10) 50–54 Salmon (wheel slot 11) 55–59 Turquoise (wheel slot 12) 60–64 Light Green (wheel slot 13) 65–69 Steel Blue (wheel slot 14) 70–74 Orange (wheel slot 15) 75–79 Straw (wheel slot 16) 80–84 Pale Lavander (wheel slot 17) 85–89 Pink (wheel slot 18) 90–94 Red (wheel slot 19) 95–99 Green (wheel slot 20) 100–104 Blue (wheel slot 21) 105–109 White (wheel slot 22) 110–114 Rainbow1 (wheel slot 23) 115–119 Rainbow2 (wheel slot 24) 120–255 Rainbow3 (wheel slot 25)
14	Chase Patterns	0	
15	Chase Speed	0	0–49 <<< 50–119 << 120–127 < 128–134 Stop(=0) 135–204 > 205–254 >> 255–255 >>>
16	Chase Fade	0	
17	Color Preset Dimmer	0	
18	Fixture Global Reset	0	

Standard

20 channels

Ch	Function	Default	DMX values
1	Pan	170	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Pan Rotate	0	0–63 Stop by SpinOut 64–127 Stop by ShortCut 128–188 CW max 189–189 CW min 190–193 Pause 194–254 CCW min 255–255 CCW max

Standard (continued)

Ch	Function	Default	DMX values
7	Tilt Rotate	0	0–63 Stop by SpinOut 64–127 Stop by ShortCut 128–188 CW max 189–189 CW min 190–193 Pause 194–254 CCW min 255–255 CCW max
8	Red	0	
9	Green	0	
10	Blue	0	
11	White	255	
12	Shutter / Strobe	32	0–31 LED OFF 32–63 LED ON 64–74 Min 75–94 Mid 95–95 Max 96–127 Led ON 1 128–144 Min 145–158 Mid 159–159 Max 160–191 Led ON 2 192–223 Empty Channel Set 224–255 Led ON 3
13	Dimmer	0	0–254 Closed 255–255 Open
14	Color Macro1	0	
15	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 White2700k (wheel slot 2) 10–14 White3200k (wheel slot 3) 15–19 White4200k (wheel slot 4) 20–24 White5600k (wheel slot 5) 25–29 White6500k (wheel slot 6) 30–34 White8000k (wheel slot 7) 35–39 Yellow (wheel slot 8) 40–44 Magenta (wheel slot 9) 45–49 Cyan (wheel slot 10) 50–54 Salmon (wheel slot 11) 55–59 Turquoise (wheel slot 12) 60–64 Light Green (wheel slot 13) 65–69 Steel Blue (wheel slot 14) 70–74 Orange (wheel slot 15) 75–79 Straw (wheel slot 16) 80–84 Pale Lavander (wheel slot 17) 85–89 Pink (wheel slot 18) 90–94 Red (wheel slot 19) 95–99 Green (wheel slot 20) 100–104 Blue (wheel slot 21) 105–109 White (wheel slot 22) 110–114 Rainbow1 (wheel slot 23) 115–119 Rainbow2 (wheel slot 24) 120–255 Rainbow3 (wheel slot 25)
16	Chase Patterns	0	
17	Chase Speed	0	0–49 <<< 50–119 << 120–127 < 128–134 Stop(=0) 135–204 > 205–254 >> 255–255 >>>

Standard (continued)

Ch	Function	Default	DMX values
18	Chase Fade	0	
19	Color Preset Dimmer	0	
20	Fixture Global Reset	0	