Ayrton

MagicRing R9



Manufacturer	**Ayrton**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**15, 18, 20 channels**
Beam angle	**3.5°**
Pan range	**540°**
Tilt range	**540°**
Heads / cells	**2**
Size (W × H × D)	**620 × 213 × 620 mm**
GDTF fixture type	**1A6392A4-0943-4C4A-B3F7-DB…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

Extended Low	15 ch
Basic	18 ch
Extended	20 ch
Standard	20 ch

Extended Low

15 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	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
6	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
7	Shutter1Strobe	32	0–31 LED OFF 32–63 LED ON 64–79 Min 80–94 Mid 95–95 Max 96–127 LED ON 1 128–144 Min 145–158 Mid 159–159 Max 160–191 LED ON 2 192–209 Min 210–222 Mid 223–223 Max 224–255 LED ON 3
8	Dimmer	0	

Extended Low (continued)

Ch	Function	Default	DMX values
9	Color Wheel	214	0–7 No Fonction 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 200–213 Crossfading color From Slow to Fast 214–215 White2700k (wheel slot 2) 216–217 White3200k (wheel slot 3) 218–219 White4200k (wheel slot 4) 220–221 White5600k (wheel slot 5) 222–223 White6500k (wheel slot 6) 224–225 White8000k (wheel slot 7) 226–227 Y ellow (wheel slot 8) 228–229 Magenta (wheel slot 9) 230–231 Cyan (wheel slot 10) 232–233 Salmon (wheel slot 11) 234–235 Turquoise (wheel slot 12) 236–237 Light Green (wheel slot 13) 238–239 Steel Blue (wheel slot 14) 240–241 Orange (wheel slot 15) 242–243 Straw (wheel slot 16) 244–245 Pale Lavander (wheel slot 17) 246–247 Pink (wheel slot 18) 248–249 Red (wheel slot 19) 250–251 Green (wheel slot 20) 252–253 Blue (wheel slot 21) 254–255 White (wheel slot 22)
10	Chase Patterns	0	
11	Chase Speed	0	0–15 <<< 16–34 << 35–39 < 40–49 Stop(=0) 50–68 > 69–84 >> 85–85 >>> 86–99 <<< 100–119 << 120–125 < 126–134 Stop(=0) 135–154 > 155–169 >> 170–170 >>> 171–190 <<< 191–206 << 207–210 < 211–219 Stop(=0) 220–229 > 230–254 >> 255–255 >>>
12	Red	0	
13	Green	0	
14	Blue	0	
15	White	255	

Basic

18 channels

Ch	Function	Default	DMX values
1	Pan	85	
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	Shutter1Strobe	32	0–31 LED OFF 32–63 LED ON 64–79 Min 80–94 Mid 95–95 Max 96–127 LED ON 1 128–144 Min 145–158 Mid 159–159 Max 160–191 LED ON 2 192–209 Min 210–222 Mid 223–223 Max 224–255 LED ON 3
11	Dimmer	0	
12	Color Macro1	0	

Basic (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–9 No Fonction (wheel slot 1) 10–19 White2700k (wheel slot 2) 20–29 White3200k (wheel slot 3) 30–39 White4200k (wheel slot 4) 40–49 White5600k (wheel slot 5) 50–59 White6500k (wheel slot 6) 60–69 White8000k (wheel slot 7) 70–79 Y ellow (wheel slot 8) 80–89 Magenta (wheel slot 9) 90–99 Cyan (wheel slot 10) 100–109 Salmon (wheel slot 11) 110–119 Turquoise (wheel slot 12) 120–129 Light Green (wheel slot 13) 130–139 Steel Blue (wheel slot 14) 140–149 Orange (wheel slot 15) 150–159 Straw (wheel slot 16) 160–169 Pale Lavander (wheel slot 17) 170–179 Pink (wheel slot 18) 180–189 Red (wheel slot 19) 190–199 Green (wheel slot 20) 200–209 Blue (wheel slot 21) 210–255 White (wheel slot 22)
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	

Extended

20 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	
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

Extended (continued)

Ch	Function	Default	DMX values
8	Shutter1Strobe	32	0–31 LED OFF 32–63 LED ON 64–79 Min 80–94 Mid 95–95 Max 96–127 LED ON 1 128–144 Min 145–158 Mid 159–159 Max 160–191 LED ON 2 192–209 Min 210–222 Mid 223–223 Max 224–255 LED ON 3
9	Dimmer	0	
10	Color Macro1	0	
11	Color Wheel	0	0–9 No Fonction (wheel slot 1) 10–19 White2700k (wheel slot 2) 20–29 White3200k (wheel slot 3) 30–39 White4200k (wheel slot 4) 40–49 White5600k (wheel slot 5) 50–59 White6500k (wheel slot 6) 60–69 White8000k (wheel slot 7) 70–79 Y ellow (wheel slot 8) 80–89 Magenta (wheel slot 9) 90–99 Cyan (wheel slot 10) 100–109 Salmon (wheel slot 11) 110–119 Turquoise (wheel slot 12) 120–129 Light Green (wheel slot 13) 130–139 Steel Blue (wheel slot 14) 140–149 Orange (wheel slot 15) 150–159 Straw (wheel slot 16) 160–169 Pale Lavander (wheel slot 17) 170–179 Pink (wheel slot 18) 180–189 Red (wheel slot 19) 190–199 Green (wheel slot 20) 200–209 Blue (wheel slot 21) 210–255 White (wheel slot 22)
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	
17	Red	0	
18	Green	0	
19	Blue	0	
20	White	255	

Standard

20 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	
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	Red	0	
9	Green	0	
10	Blue	0	
11	White	255	
12	Shutter1Strobe	32	0–31 LED OFF 32–63 LED ON 64–79 Min 80–94 Mid 95–95 Max 96–127 LED ON 1 128–144 Min 145–158 Mid 159–159 Max 160–191 LED ON 2 192–209 Min 210–222 Mid 223–223 Max 224–255 LED ON 3
13	Dimmer	0	
14	Color Macro1	0	

Standard (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–9 No Fonction (wheel slot 1) 10–19 White2700k (wheel slot 2) 20–29 White3200k (wheel slot 3) 30–39 White4200k (wheel slot 4) 40–49 White5600k (wheel slot 5) 50–59 White6500k (wheel slot 6) 60–69 White8000k (wheel slot 7) 70–79 Y ellow (wheel slot 8) 80–89 Magenta (wheel slot 9) 90–99 Cyan (wheel slot 10) 100–109 Salmon (wheel slot 11) 110–119 Turquoise (wheel slot 12) 120–129 Light Green (wheel slot 13) 130–139 Steel Blue (wheel slot 14) 140–149 Orange (wheel slot 15) 150–159 Straw (wheel slot 16) 160–169 Pale Lavander (wheel slot 17) 170–179 Pink (wheel slot 18) 180–189 Red (wheel slot 19) 190–199 Green (wheel slot 20) 200–209 Blue (wheel slot 21) 210–255 White (wheel slot 22)
16	Chase Patterns	0	
17	Chase Speed	0	0–49 <<< 50–119 << 120–127 < 128–134 Stop(=0) 135–204 > 205–254 >> 255–255 >>>
18	Chase Fade	0	
19	Color Preset Dimmer	0	
20	Fixture Global Reset	0	