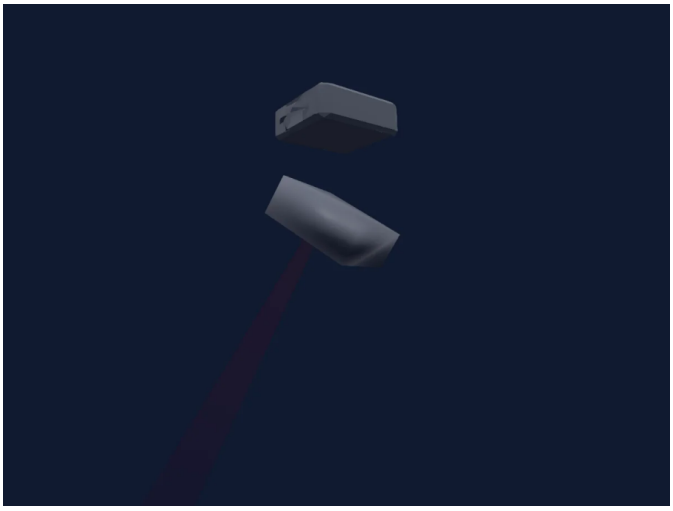
Ayrton

MagicPanel 602



Manufacturer	**Ayrton**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**16, 18, 20 channels**
Beam angle	**7.5°**
Pan range	**540°**
Tilt range	**540°**
Size (W × H × D)	**313 × 131 × 313 mm**
GDTF fixture type	**6FC99C67-68B1-4883-BAAA-80…**

Controls

Extra LED colours · RGB colour mixing · Colour wheel · Strobe · 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	0–127 Min 128–254 Home 255–255 Max
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	0–127 Min 128–254 Home 255–255 Max
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 64–79 MIN STROBE 80–94 MID STROBE 95–95 MAX STROBE 96–127 Led ON 1 128–144 MIN PULSE 145–158 MID PULSE 159–159 MAX PULSE 160–191 Led ON 2 192–204 MIN RANDOM 205–222 MID RANDOM 223–223 MAX RANDOM 224–255 Led ON 3
9	Dimmer	0	0–254 Open 255–255 Closed
10	Color Macro1	0	

Extended (continued)

Ch	Function	Default	DMX values
11	Color Wheel 2	0	0–5 Open (wheel slot 1) 6–12 White2700k (wheel slot 2) 13–18 White3200k (wheel slot 3) 19–23 White4200k (wheel slot 4) 24–28 White5600k (wheel slot 5) 29–33 White6500k (wheel slot 6) 34–38 White8000k (wheel slot 7) 39–43 Yellow (wheel slot 8) 44–48 Magenta (wheel slot 9) 49–53 Cyan (wheel slot 10) 54–58 Salmon (wheel slot 11) 59–63 Turquoise (wheel slot 12) 64–68 Light Green (wheel slot 13) 69–73 Steel Blue (wheel slot 14) 74–78 Orange (wheel slot 15) 79–83 Straw (wheel slot 16) 84–88 Pale Lavander (wheel slot 17) 89–93 Pink (wheel slot 18) 94–98 Red (wheel slot 19) 99–103 Green (wheel slot 20) 104–108 Blue (wheel slot 21) 109–113 Rainbow1 (wheel slot 22) 114–118 Rainbow 2 (wheel slot 23) 119–123 Rainbow 3 (wheel slot 24) 124–128 Rainbow 4 (wheel slot 25) 129–133 Rainbow 5 (wheel slot 26) 134–138 Rainbow 6 (wheel slot 27) 139–143 Rainbow 7 (wheel slot 28) 144–148 Rainbow 8 (wheel slot 29) 149–153 Rainbow 9 (wheel slot 30) 154–158 Rainbow 10 (wheel slot 31) 159–163 Rainbow 11 (wheel slot 32) 164–168 Rainbow 12 (wheel slot 33) 169–173 Rainbow 13 (wheel slot 34) 174–178 Rainbow 14 (wheel slot 35) 179–183 Rainbow 15 (wheel slot 36) 184–188 Rainbow 16 (wheel slot 37) 189–193 Rainbow 17 (wheel slot 38) 194–198 Rainbow 18 (wheel slot 39) 199–255 Rainbow 19 (wheel slot 40)
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	0–127 Min 128–254 Home 255–255 Max

Basic (continued)

Ch	Function	Default	DMX values
2	Tilt	128	0–127 Min 128–254 Home 255–255 Max
3	Position MSpeed	0	
4	Red	0	
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	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	Green	0	
8	Blue	0	
9	White	255	
10	Shutter / Strobe	32	0–31 Led OFF 32–63 LED ON 64–79 MIN STROBE 80–94 MID STROBE 95–95 MAX STROBE 96–127 Led ON 1 128–144 MIN PULSE 145–158 MID PULSE 159–159 MAX PULSE 160–191 Led ON 2 192–204 MIN RANDOM 205–222 MID RANDOM 223–223 MAX RANDOM 224–255 Led ON 3
11	Dimmer	0	0–254 Open 255–255 Closed
12	Color Macro1	0	

Basic (continued)

Ch	Function	Default	DMX values
13	Color Wheel 2	0	0–5 Open (wheel slot 1) 6–12 White2700k (wheel slot 2) 13–18 White3200k (wheel slot 3) 19–23 White4200k (wheel slot 4) 24–28 White5600k (wheel slot 5) 29–33 White6500k (wheel slot 6) 34–38 White8000k (wheel slot 7) 39–43 Yellow (wheel slot 8) 44–48 Magenta (wheel slot 9) 49–53 Cyan (wheel slot 10) 54–58 Salmon (wheel slot 11) 59–63 Turquoise (wheel slot 12) 64–68 Light Green (wheel slot 13) 69–73 Steel Blue (wheel slot 14) 74–78 Orange (wheel slot 15) 79–83 Straw (wheel slot 16) 84–88 Pale Lavander (wheel slot 17) 89–93 Pink (wheel slot 18) 94–98 Red (wheel slot 19) 99–103 Green (wheel slot 20) 104–108 Blue (wheel slot 21) 109–113 Rainbow1 (wheel slot 22) 114–118 Rainbow 2 (wheel slot 23) 119–123 Rainbow 3 (wheel slot 24) 124–128 Rainbow 4 (wheel slot 25) 129–133 Rainbow 5 (wheel slot 26) 134–138 Rainbow 6 (wheel slot 27) 139–143 Rainbow 7 (wheel slot 28) 144–148 Rainbow 8 (wheel slot 29) 149–153 Rainbow 9 (wheel slot 30) 154–158 Rainbow 10 (wheel slot 31) 159–163 Rainbow 11 (wheel slot 32) 164–168 Rainbow 12 (wheel slot 33) 169–173 Rainbow 13 (wheel slot 34) 174–178 Rainbow 14 (wheel slot 35) 179–183 Rainbow 15 (wheel slot 36) 184–188 Rainbow 16 (wheel slot 37) 189–193 Rainbow 17 (wheel slot 38) 194–198 Rainbow 18 (wheel slot 39) 199–255 Rainbow 19 (wheel slot 40)
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	0–127 Min 128–254 Home 255–255 Max
2	Pan Fine	0	Fine byte of Pan

Standard (continued)

Ch	Function	Default	DMX values
3	Tilt	128	0–127 Min 128–254 Home 255–255 Max
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	Shutter / Strobe	32	0–31 Led OFF 32–63 LED ON 64–79 MIN STROBE 80–94 MID STROBE 95–95 MAX STROBE 96–127 Led ON 1 128–144 MIN PULSE 145–158 MID PULSE 159–159 MAX PULSE 160–191 Led ON 2 192–204 MIN RANDOM 205–222 MID RANDOM 223–223 MAX RANDOM 224–255 Led ON 3
13	Dimmer	0	0–254 Open 255–255 Closed
14	Color Macro1	0	

Standard (continued)

Ch	Function	Default	DMX values
15	Color Wheel 2	0	0–5 Open (wheel slot 1) 6–12 White2700k (wheel slot 2) 13–18 White3200k (wheel slot 3) 19–23 White4200k (wheel slot 4) 24–28 White5600k (wheel slot 5) 29–33 White6500k (wheel slot 6) 34–38 White8000k (wheel slot 7) 39–43 Yellow (wheel slot 8) 44–48 Magenta (wheel slot 9) 49–53 Cyan (wheel slot 10) 54–58 Salmon (wheel slot 11) 59–63 Turquoise (wheel slot 12) 64–68 Light Green (wheel slot 13) 69–73 Steel Blue (wheel slot 14) 74–78 Orange (wheel slot 15) 79–83 Straw (wheel slot 16) 84–88 Pale Lavander (wheel slot 17) 89–93 Pink (wheel slot 18) 94–98 Red (wheel slot 19) 99–103 Green (wheel slot 20) 104–108 Blue (wheel slot 21) 109–113 Rainbow1 (wheel slot 22) 114–118 Rainbow 2 (wheel slot 23) 119–123 Rainbow 3 (wheel slot 24) 124–128 Rainbow 4 (wheel slot 25) 129–133 Rainbow 5 (wheel slot 26) 134–138 Rainbow 6 (wheel slot 27) 139–143 Rainbow 7 (wheel slot 28) 144–148 Rainbow 8 (wheel slot 29) 149–153 Rainbow 9 (wheel slot 30) 154–158 Rainbow 10 (wheel slot 31) 159–163 Rainbow 11 (wheel slot 32) 164–168 Rainbow 12 (wheel slot 33) 169–173 Rainbow 13 (wheel slot 34) 174–178 Rainbow 14 (wheel slot 35) 179–183 Rainbow 15 (wheel slot 36) 184–188 Rainbow 16 (wheel slot 37) 189–193 Rainbow 17 (wheel slot 38) 194–198 Rainbow 18 (wheel slot 39) 199–255 Rainbow 19 (wheel slot 40)
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	