Ayrton

ColorSun 200s



Manufacturer	**Ayrton**
Type	**PAR**
DMX modes	**9**
DMX footprint	**5, 7, 10, 11, 14, 18, 49, 51, 58 channels**
Beam angle	**8-40°**
Heads / cells	**2**
Size (W × H × D)	**364 × 340 × 238 mm**
GDTF fixture type	**83D6704C-6114-4A3C-8CAA-6A…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

Mode 1	5 ch
Mode 2	7 ch
Mode 4	10 ch
Mode 5	11 ch
Mode 3	14 ch
Mode 6	18 ch
Mode 10	49 ch
Mode 11	51 ch
Mode 12	58 ch

Mode 1

5 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	255	
5	Zoom	0	

Mode 2

7 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	255	
5	Zoom	0	
6	Dimmer	0	
7	Control1	0	0–79 No Fonction 82–255 Reset Motor

Mode 4

10 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	255	
5	Red	0	
6	Green	0	
7	Blue	0	
8	White	255	
9	Zoom	0	
10	Dimmer	0	

Mode 5

11 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	255	
5	Red	0	
6	Green	0	
7	Blue	0	
8	White	255	
9	Zoom	0	
10	Dimmer	0	

Mode 5 (continued)

Ch	Function	Default	DMX values
11	Control1	0	0–79 No Fonction 82–255 Reset Motor

Mode 3

14 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	255	
5	Shutter1Strobe	0	0–15 Strobe OFF 16–224 Strobe Min 225–249 Strobe max 250–255 no strobe
6	Color Macro1	0	
7	Color Wheel	0	0–4 No function (wheel slot 1) 5–9 White2700k (wheel slot 2) 10–14 White3200k (wheel slot 3) 15–19 White4300k (wheel slot 4) 20–24 White5600k (wheel slot 5) 25–29 White6500k (wheel slot 6) 30–34 White8000k (wheel slot 7) 35–39 Red (wheel slot 8) 40–44 Green (wheel slot 9) 45–49 Blue (wheel slot 10) 50–54 Natural White (wheel slot 11) 55–59 Full White (wheel slot 12) 60–64 Yellow (wheel slot 13) 65–69 Magenta (wheel slot 14) 70–74 Cyan (wheel slot 15) 75–79 Salmon (wheel slot 16) 80–84 Turquoise (wheel slot 17) 85–89 Light Green (wheel slot 18) 90–94 Steel Blue (wheel slot 19) 95–99 Orange (wheel slot 20) 100–104 Straw (wheel slot 21) 105–109 Pale Lavander (wheel slot 22) 110–114 Pink (wheel slot 23) 115–144 RED/WHITE (wheel slot 24) 145–149 WHITE/RED (wheel slot 27) 150–154 WHITE/GREEN (wheel slot 28) 155–174 WHITE/BLUE (wheel slot 29) 175–184 BLUE/RED (wheel slot 26) 185–199 GREEN/RED (wheel slot 25) 200–255 RED/GREEN (wheel slot 30)
8	Color Dimmer	0	
9	Chase Patterns	0	
10	Chase Speed	0	0–49 <<< 50–119 << 120–127 < 128–134 Stop(=0) 135–204 > 205–254 >>> 255–255 >>>>
11	Chase Fade	0	
12	Zoom	0	
13	Dimmer	0	

Mode 3 (continued)

Ch	Function	Default	DMX values
14	Control1	0	0–79 No Fonction 82–255 Reset Motor

Mode 6

18 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	255	
5	Red	0	
6	Green	0	
7	Blue	0	
8	White	255	
9	Shutter1Strobe	0	0–15 Strobe OFF 16–224 Strobe Min 225–249 Strobe max 250–255 no strobe
10	Color Macro1	0	
11	Color Wheel	0	0–4 No function (wheel slot 1) 5–9 White2700k (wheel slot 2) 10–14 White3200k (wheel slot 3) 15–19 White4300k (wheel slot 4) 20–24 White5600k (wheel slot 5) 25–29 White6500k (wheel slot 6) 30–34 White8000k (wheel slot 7) 35–39 Red (wheel slot 8) 40–44 Green (wheel slot 9) 45–49 Blue (wheel slot 10) 50–54 Natural White (wheel slot 11) 55–59 Full White (wheel slot 12) 60–64 Yellow (wheel slot 13) 65–69 Magenta (wheel slot 14) 70–74 Cyan (wheel slot 15) 75–79 Salmon (wheel slot 16) 80–84 Turquoise (wheel slot 17) 85–89 Light Green (wheel slot 18) 90–94 Steel Blue (wheel slot 19) 95–99 Orange (wheel slot 20) 100–104 Straw (wheel slot 21) 105–109 Pale Lavander (wheel slot 22) 110–114 Pink (wheel slot 23) 115–144 RED/WHITE (wheel slot 24) 145–149 WHITE/RED (wheel slot 27) 150–154 WHITE/GREEN (wheel slot 28) 155–174 WHITE/BLUE (wheel slot 29) 175–184 BLUE/RED (wheel slot 26) 185–199 GREEN/RED (wheel slot 25) 200–255 RED/GREEN (wheel slot 30)
12	Color Dimmer	0	
13	Chase Patterns	0	

Mode 6 (continued)

Ch	Function	Default	DMX values
14	Chase Speed	0	0–49 <<< 50–119 << 120–127 < 128–134 Stop(=0) 135–204 > 205–254 >> 255–255 >>>
15	Chase Fade	0	
16	Zoom	0	
17	Dimmer	0	
18	Control1	0	0–79 No Fonction 82–255 Reset Motor

Mode 10

49 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	255	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	

Mode 10 (continued)

Ch	Function	Default	DMX values
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Zoom	0	

Mode 11

51 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	255	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	

Mode 11 (continued)

Ch	Function	Default	DMX values
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Zoom	0	
50	Dimmer	0	
51	Control1	0	0–79 No Fonction 82–255 Reset Motor

Mode 12

58 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	255	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	

Mode 12 (continued)

Ch	Function	Default	DMX values
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Shutter1Strobe	0	0–15 Strobe OFF 16–224 Strobe Min 225–249 Strobe max 250–255 no strobe
50	Color Macro1	0	

Mode 12 (continued)

Ch	Function	Default	DMX values
51	Color Wheel	0	0–4 No function (wheel slot 1) 5–9 White2700k (wheel slot 2) 10–14 White3200k (wheel slot 3) 15–19 White4300k (wheel slot 4) 20–24 White5600k (wheel slot 5) 25–29 White6500k (wheel slot 6) 30–34 White8000k (wheel slot 7) 35–39 Red (wheel slot 8) 40–44 Green (wheel slot 9) 45–49 Blue (wheel slot 10) 50–54 Natural White (wheel slot 11) 55–59 Full White (wheel slot 12) 60–64 Yellow (wheel slot 13) 65–69 Magenta (wheel slot 14) 70–74 Cyan (wheel slot 15) 75–79 Salmon (wheel slot 16) 80–84 Turquoise (wheel slot 17) 85–89 Light Green (wheel slot 18) 90–94 Steel Blue (wheel slot 19) 95–99 Orange (wheel slot 20) 100–104 Straw (wheel slot 21) 105–109 Pale Lavander (wheel slot 22) 110–114 Pink (wheel slot 23) 115–144 RED/WHITE (wheel slot 24) 145–149 WHITE/RED (wheel slot 27) 150–154 WHITE/GREEN (wheel slot 28) 155–174 WHITE/BLUE (wheel slot 29) 175–184 BLUE/RED (wheel slot 26) 185–199 GREEN/RED (wheel slot 25) 200–255 RED/GREEN (wheel slot 30)
52	Color Dimmer	0	
53	Chase Patterns	0	
54	Chase Speed	0	0–49 <<< 50–119 << 120–127 < 128–134 Stop(=0) 135–204 > 205–254 >>> 255–255 >>>>
55	Chase Fade	0	
56	Zoom	0	
57	Dimmer	0	
58	Control1	0	0–79 No Fonction 82–255 Reset Motor