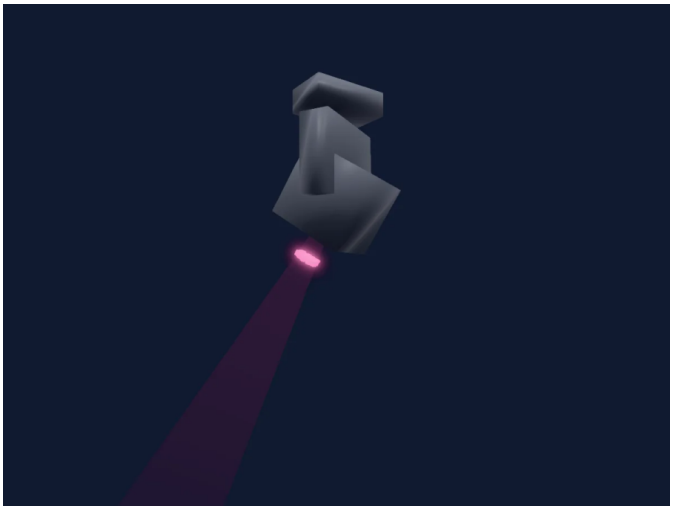
Sagitter

ArcherW8



Manufacturer	**Sagitter**
Type	**Moving head**
DMX modes	**7**
DMX footprint	**15, 16, 24, 25, 38, 58, 99 channels**
Beam angle	**6-25°**
Pan range	**540°**
Tilt range	**220°**
Heads / cells	**19**
Size (W × H × D)	**288 × 289 × 289 mm**
GDTF fixture type	**3DFE8A9A-F6CB-4B50-8102-28…**

Controls

Zoom · Extra LED colours · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset

DMX modes

TW	15 ch
Basic	16 ch
CMY	24 ch
Standard	25 ch
Circles	38 ch
Sectors	58 ch
Extend	99 ch

TW

15 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Slow Fast strobe 96–127 Open 128–157 Pulse All Slow Fast 158–159 Open 160–189 Random Pulse Slow Fast 190–191 Open 192–221 Random All Slow Fast 222–223 Open 224–253 Random Single Slow Fast 254–255 Open
9	Zoom	0	
10	Zoom Fine	0	Fine byte of Zoom
11	C TO	0	0–0 No Function 1–255 2700k to 10000
12	Minus Greengr	0	0–0 No Functions 1–255 Green 100 to Remove
13	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architettural 81–100 Theatre 101–255 No Functions
14	Dimmer Curve	0	0–20 Linear 21–40 Square 41–60 inv-Square 61–80 S-Curve 81–255 No Functions

TW (continued)

Ch	Function	Default	DMX values
15	Fixture Global Reset	0	0–5 No Functions 6–10 900 hz Led 11–15 1000hz Led 16–20 1100hz Led 21–25 1200hz Led 26–30 1300hz Led 31–35 1400hz Led 36–40 1500hz Led 41–45 2500hz Led 46–50 4000hz Led 51–55 500hz Led 56–60 6000hz Led 61–65 10khz Led 66–70 15khz Led 71–75 20khz Led 76–80 25khz Led 81–89 Led Refresh 90–99 Inversion Pan ON 100–109 Inversion Pan OFF 110–119 Inversion Tilt ON 120–129 Inversion Tilt OFF 130–139 Fan Standard 140–149 Fan auto 150–159 Fan Hight 160–169 Reset Pan/Tilt 170–179 Reset Zoom 180–189 All Reset 190–255 No Functions

Basic

16 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	
4	Dimmer	0	0–254 Closed 255–255 Open
5	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Slow Fast strobe 96–127 Open 128–157 Pulse All Slow Fast 158–159 Open 160–189 Random Pulse Slow Fast 190–191 Open 192–221 Random All Slow Fast 222–223 Open 224–253 Random Single Slow Fast 254–255 Open
6	Zoom	0	
7	Red	0	
8	Green	0	
9	Blue	0	
10	White	0	
11	Color RGBQuality	0	
12	Color RGBQuality	0	

Basic (continued)

Ch	Function	Default	DMX values
13	Color Macro1	0	0–9 No Functions 10–19 Pattern 1 20–29 Pattern 2 30–39 Pattern 3 40–49 Pattern 4 50–59 Pattern 5 60–69 Pattern 6 70–79 Pattern 7 80–89 Pattern 8 90–99 Pattern 9 100–109 Pattern 10 110–119 Pattern 11 120–129 Pattern 12 130–139 Pattern 13 140–149 Pattern 14 150–159 Pattern 15 160–169 Pattern 16 170–179 Pattern 17 180–189 Pattern 18 190–199 Pattern 19 200–209 Pattern 20 210–255 No Functions
14	Color Macro1Rate	0	0–4 Static Step 1 5–9 Static Step 2 10–14 Static Step 3 15–19 Static Step 4 20–24 Static Step 5 25–29 Static Step 6 30–34 Static Step 7 35–39 Static Step 8 40–145 Slow Fast 146–149 Stop 150–255 Fast Slow
15	Effects1Fade	0	
16	Fixture Global Reset	0	0–5 No Functions 6–10 900 hz Led 11–15 1000hz Led 16–20 1100hz Led 21–25 1200hz Led 26–30 1300hz Led 31–35 1400hz Led 36–40 1500hz Led 41–45 2500hz Led 46–50 4000hz Led 51–55 500hz Led 56–60 6000hz Led 61–65 10khz Led 66–70 15khz Led 71–75 20khz Led 76–80 25khz Led 81–89 Led Refresh 90–99 Inversion Pan ON 100–109 Inversion Pan OFF 110–119 Inversion Tilt ON 120–129 Inversion Tilt OFF 130–139 Fan Standard 140–149 Fan auto 150–159 Fan Hight 160–169 Reset Pan/Tilt 170–179 Reset Zoom 180–189 All Reset 190–255 No Functions

CMY

24 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Slow Fast strobe 96–127 Open 128–157 Pulse All Slow Fast 158–159 Open 160–189 Random Pulse Slow Fast 190–191 Open 192–221 Random All Slow Fast 222–223 Open 224–253 Random Single Slow Fast 254–255 Open
9	Zoom	0	
10	Zoom Fine	0	Fine byte of Zoom
11	Zoom MSpeed	0	
12	Cyan	0	
13	Cyan Fine	0	Fine byte of Cyan
14	Magenta	0	
15	Magenta Fine	0	Fine byte of Magenta
16	Yellow	0	
17	Yellow Fine	0	Fine byte of Yellow
18	Color Macro1	0	
19	C TO	0	0–0 No Function 1–255 2700k to 10000
20	Color RGBQuality	0	
21	Color Effects1	0	
22	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architettural 81–100 Theatre 101–255 No Functions
23	Dimmer Curve	0	0–20 Linear 21–40 Square 41–60 inv-Square 61–80 S-Curve 81–255 No Functions

CMY (continued)

Ch	Function	Default	DMX values
24	Fixture Global Reset	0	0–5 No Functions 6–10 900 hz Led 11–15 1000hz Led 16–20 1100hz Led 21–25 1200hz Led 26–30 1300hz Led 31–35 1400hz Led 36–40 1500hz Led 41–45 2500hz Led 46–50 4000hz Led 51–55 500hz Led 56–60 6000hz Led 61–65 10khz Led 66–70 15khz Led 71–75 20khz Led 76–80 25khz Led 81–89 Led Refresh 90–99 Inversion Pan ON 100–109 Inversion Pan OFF 110–119 Inversion Tilt ON 120–129 Inversion Tilt OFF 130–139 Fan Standard 140–149 Fan auto 150–159 Fan Hight 160–169 Reset Pan/Tilt 170–179 Reset Zoom 180–189 All Reset 190–255 No Functions

Standard

25 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	0–254 Closed 255–255 Open
7	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Slow Fast strobe 96–127 Open 128–157 Pulse All Slow Fast 158–159 Open 160–189 Random Pulse Slow Fast 190–191 Open 192–221 Random All Slow Fast 222–223 Open 224–253 Random Single Slow Fast 254–255 Open
8	Zoom	0	
9	Zoom MSpeed	0	
10	Red	0	
11	Green	0	
12	Blue	0	
13	White	0	

Standard (continued)

Ch	Function	Default	DMX values
14	Color Macro1	0	
15	C TO	0	0–0 No Function 1–255 2700k to 10000
16	Minus Greengr	0	0–0 No Functions 1–255 Green 100 to Remove
17	Color RGBQuality	0	
18	Color RGBQuality	0	
19	Color Effects1	0	
20	Color Macro1	0	0–9 No Functions 10–19 Pattern 1 20–29 Pattern 2 30–39 Pattern 3 40–49 Pattern 4 50–59 Pattern 5 60–69 Pattern 6 70–79 Pattern 7 80–89 Pattern 8 90–99 Pattern 9 100–109 Pattern 10 110–119 Pattern 11 120–129 Pattern 12 130–139 Pattern 13 140–149 Pattern 14 150–159 Pattern 15 160–169 Pattern 16 170–179 Pattern 17 180–189 Pattern 18 190–199 Pattern 19 200–209 Pattern 20 210–255 No Functions
21	Color Macro1Rate	0	0–4 Static Step 1 5–9 Static Step 2 10–14 Static Step 3 15–19 Static Step 4 20–24 Static Step 5 25–29 Static Step 6 30–34 Static Step 7 35–39 Static Step 8 40–145 Slow Fast 146–149 Stop 150–255 Fast Slow
22	Effects1Fade	0	
23	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architettural 81–100 Theatre 101–255 No Functions
24	Dimmer Curve	0	0–20 Linear 21–40 Square 41–60 inv-Square 61–80 S-Curve 81–255 No Functions

Standard (continued)

Ch	Function	Default	DMX values
25	Fixture Global Reset	0	0–5 No Functions 6–10 900 hz Led 11–15 1000hz Led 16–20 1100hz Led 21–25 1200hz Led 26–30 1300hz Led 31–35 1400hz Led 36–40 1500hz Led 41–45 2500hz Led 46–50 4000hz Led 51–55 500hz Led 56–60 6000hz Led 61–65 10khz Led 66–70 15khz Led 71–75 20khz Led 76–80 25khz Led 81–89 Led Refresh 90–99 Inversion Pan ON 100–109 Inversion Pan OFF 110–119 Inversion Tilt ON 120–129 Inversion Tilt OFF 130–139 Fan Standard 140–149 Fan auto 150–159 Fan Hight 160–169 Reset Pan/Tilt 170–179 Reset Zoom 180–189 All Reset 190–255 No Functions

Circles

38 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Slow Fast strobe 96–127 Open 128–157 Pulse All Slow Fast 158–159 Open 160–189 Random Pulse Slow Fast 190–191 Open 192–221 Random All Slow Fast 222–223 Open 224–253 Random Single Slow Fast 254–255 Open
9	Zoom	0	
10	Zoom Fine	0	Fine byte of Zoom
11	Zoom MSpeed	0	
12	Dimmer	0	
13	Red	0	

Circles (continued)

Ch	Function	Default	DMX values
14	Green	0	
15	Blue	0	
16	White	0	
17	Dimmer	0	
18	Red	0	
19	Green	0	
20	Blue	0	
21	White	0	
22	Dimmer	0	
23	Red	0	
24	Green	0	
25	Blue	0	
26	White	0	
27	Color Macro1	0	
28	C TO	0	0–0 No Function 1–255 2700k to 10000
29	Minus Greengr	0	0–0 No Functions 1–255 Green 100 to Remove
30	Color RGBQuality	0	
31	Color RGBQuality	0	
32	Color Effects1	0	
33	Color Macro1	0	0–9 No Functions 10–19 Pattern 1 20–29 Pattern 2 30–39 Pattern 3 40–49 Pattern 4 50–59 Pattern 5 60–69 Pattern 6 70–79 Pattern 7 80–89 Pattern 8 90–99 Pattern 9 100–109 Pattern 10 110–119 Pattern 11 120–129 Pattern 12 130–139 Pattern 13 140–149 Pattern 14 150–159 Pattern 15 160–169 Pattern 16 170–179 Pattern 17 180–189 Pattern 18 190–199 Pattern 19 200–209 Pattern 20 210–255 No Functions
34	Color Macro1Rate	0	0–4 Static Step 1 5–9 Static Step 2 10–14 Static Step 3 15–19 Static Step 4 20–24 Static Step 5 25–29 Static Step 6 30–34 Static Step 7 35–39 Static Step 8 40–145 Slow Fast 146–149 Stop 150–255 Fast Slow
35	Effects1Fade	0	

Circles (continued)

Ch	Function	Default	DMX values
36	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architettural 81–100 Theatre 101–255 No Functions
37	Dimmer Curve	0	0–20 Linear 21–40 Square 41–60 inv-Square 61–80 S-Curve 81–255 No Functions
38	Fixture Global Reset	0	0–5 No Functions 6–10 900 hz Led 11–15 1000hz Led 16–20 1100hz Led 21–25 1200hz Led 26–30 1300hz Led 31–35 1400hz Led 36–40 1500hz Led 41–45 2500hz Led 46–50 4000hz Led 51–55 500hz Led 56–60 6000hz Led 61–65 10khz Led 66–70 15khz Led 71–75 20khz Led 76–80 25khz Led 81–89 Led Refresh 90–99 Inversion Pan ON 100–109 Inversion Pan OFF 110–119 Inversion Tilt ON 120–129 Inversion Tilt OFF 130–139 Fan Standard 140–149 Fan auto 150–159 Fan Hight 160–169 Reset Pan/Tilt 170–179 Reset Zoom 180–189 All Reset 190–255 No Functions

Sectors

58 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer

Sectors (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Slow Fast strobe 96–127 Open 128–157 Pulse All Slow Fast 158–159 Open 160–189 Random Pulse Slow Fast 190–191 Open 192–221 Random All Slow Fast 222–223 Open 224–253 Random Single Slow Fast 254–255 Open
9	Zoom	0	
10	Zoom Fine	0	Fine byte of Zoom
11	Zoom MSpeed	0	
12	Dimmer	0	
13	Red	0	
14	Green	0	
15	Blue	0	
16	White	0	
17	Dimmer	0	
18	Red	0	
19	Green	0	
20	Blue	0	
21	White	0	
22	Dimmer	0	
23	Red	0	
24	Green	0	
25	Blue	0	
26	White	0	
27	Dimmer	0	
28	Red	0	
29	Green	0	
30	Blue	0	
31	White	0	
32	Dimmer	0	
33	Red	0	
34	Green	0	
35	Blue	0	
36	White	0	
37	Dimmer	0	
38	Red	0	
39	Green	0	
40	Blue	0	
41	White	0	
42	Dimmer	0	
43	Red	0	
44	Green	0	

Sectors (continued)

Ch	Function	Default	DMX values
45	Blue	0	
46	White	0	
47	Color Macro1	0	
48	C TO	0	0–0 No Function 1–255 2700k to 10000
49	Minus Greengr	0	0–0 No Functions 1–255 Green 100 to Remove
50	Color RGBQuality	0	
51	Color RGBQuality	0	
52	Color Effects1	0	
53	Color Macro1	0	0–9 No Functions 10–19 Pattern 1 20–29 Pattern 2 30–39 Pattern 3 40–49 Pattern 4 50–59 Pattern 5 60–69 Pattern 6 70–79 Pattern 7 80–89 Pattern 8 90–99 Pattern 9 100–109 Pattern 10 110–119 Pattern 11 120–129 Pattern 12 130–139 Pattern 13 140–149 Pattern 14 150–159 Pattern 15 160–169 Pattern 16 170–179 Pattern 17 180–189 Pattern 18 190–199 Pattern 19 200–209 Pattern 20 210–255 No Functions
54	Color Macro1Rate	0	0–4 Static Step 1 5–9 Static Step 2 10–14 Static Step 3 15–19 Static Step 4 20–24 Static Step 5 25–29 Static Step 6 30–34 Static Step 7 35–39 Static Step 8 40–145 Slow Fast 146–149 Stop 150–255 Fast Slow
55	Effects1Fade	0	
56	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architettural 81–100 Theatre 101–255 No Functions
57	Dimmer Curve	0	0–20 Linear 21–40 Square 41–60 inv-Square 61–80 S-Curve 81–255 No Functions

Sectors (continued)

Ch	Function	Default	DMX values
58	Fixture Global Reset	0	0–5 No Functions 6–10 900 hz Led 11–15 1000hz Led 16–20 1100hz Led 21–25 1200hz Led 26–30 1300hz Led 31–35 1400hz Led 36–40 1500hz Led 41–45 2500hz Led 46–50 4000hz Led 51–55 500hz Led 56–60 6000hz Led 61–65 10khz Led 66–70 15khz Led 71–75 20khz Led 76–80 25khz Led 81–89 Led Refresh 90–99 Inversion Pan ON 100–109 Inversion Pan OFF 110–119 Inversion Tilt ON 120–129 Inversion Tilt OFF 130–139 Fan Standard 140–149 Fan auto 150–159 Fan Hight 160–169 Reset Pan/Tilt 170–179 Reset Zoom 180–189 All Reset 190–255 No Functions

Extend

99 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Slow Fast strobe 96–127 Open 128–157 Pulse All Slow Fast 158–159 Open 160–189 Random Pulse Slow Fast 190–191 Open 192–221 Random All Slow Fast 222–223 Open 224–253 Random Single Slow Fast 254–255 Open
9	Zoom	0	
10	Zoom Fine	0	Fine byte of Zoom
11	Zoom MSpeed	0	
12	Red	0	
13	Green	0	

Extend (continued)

Ch	Function	Default	DMX values
14	Blue	0	
15	White	0	
16	Red	0	
17	Green	0	
18	Blue	0	
19	White	0	
20	Red	0	
21	Green	0	
22	Blue	0	
23	White	0	
24	Red	0	
25	Green	0	
26	Blue	0	
27	White	0	
28	Red	0	
29	Green	0	
30	Blue	0	
31	White	0	
32	Red	0	
33	Green	0	
34	Blue	0	
35	White	0	
36	Red	0	
37	Green	0	
38	Blue	0	
39	White	0	
40	Red	0	
41	Green	0	
42	Blue	0	
43	White	0	
44	Red	0	
45	Green	0	
46	Blue	0	
47	White	0	
48	Red	0	
49	Green	0	
50	Blue	0	
51	White	0	
52	Red	0	
53	Green	0	
54	Blue	0	
55	White	0	
56	Red	0	
57	Green	0	
58	Blue	0	

Extend (continued)

Ch	Function	Default	DMX values
59	White	0	
60	Red	0	
61	Green	0	
62	Blue	0	
63	White	0	
64	Red	0	
65	Green	0	
66	Blue	0	
67	White	0	
68	Red	0	
69	Green	0	
70	Blue	0	
71	White	0	
72	Red	0	
73	Green	0	
74	Blue	0	
75	White	0	
76	Red	0	
77	Green	0	
78	Blue	0	
79	White	0	
80	Red	0	
81	Green	0	
82	Blue	0	
83	White	0	
84	Red	0	
85	Green	0	
86	Blue	0	
87	White	0	
88	Color Macro1	0	
89	C TO	0	
90	Minus Greengr	0	
91	Color RGBQuality	0	
92	Color RGBQuality	0	
93	Color Effects1	0	
94	Color Macro1	0	
95	Color Macro1Rate	0	
96	Effects1Fade	0	
97	Dimmer Mode	0	
98	Dimmer Curve	0	
99	Fixture Global Reset	0	