Sagitter

Archer S7



Manufacturer	**Sagitter**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**24, 29, 34 channels**
Beam angle	**25°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**5D91048E-CCB2-4C9C-B698-4F…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe

DMX modes

24 Ch	24 ch
29 Ch	29 ch
34 Ch	34 ch

24 Ch

24 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	0–225 Fast Slow 226–235 Blackout during moviment 236–255 No Functions
4	Cyan	255	
5	Magenta	255	
6	Yellow	255	
7	C TO	0	
8	Gobo	0	0–9 Open 10–19 Gobo 1 20–29 Gobo 2 30–39 Gobo 3 40–49 Gobo 4 50–59 Gobo 5 60–69 Gobo 6 70–79 Gobo 7 80–94 Gobo shake 1 95–109 Gobo shake 2 110–124 Gobo shake 3 125–139 Gobo shake 4 140–154 Gobo shake 5 155–169 Gobo shake 6 170–189 Gobo shake 7 190–221 Clockwise Fast Slow 222–223 No Rotation 224–255 Cloclwise Slow Fast
9	Gobo Rotation	0	0–127 Index 128–189 Clockwise Fast Slow 190–193 No Rotation 194–255 Clockwise Slow Fast
10	Color1Wheel Index	0	0–4 Open 5–17 Open Red 18–30 Red 31–43 Red Light Blue 44–56 Light Blue 57–69 Light Blue Green 70–82 Green 83–95 Green CTB 96–108 CTB 109–121 CTB Amber 122–134 Amber 135–147 Amber CTO 148–160 CTO 161–173 CTO UV 174–186 UV 187–199 UV Open 200–226 Clockwise Fast Slow 227–228 Open 229–255 Clockwise Slow Fast

24 Ch (continued)

Ch	Function	Default	DMX values
11	Gobo 2	0	0–5 Open 6–14 Gobo 1 15–23 Gobo 2 24–32 Gobo 3 33–41 Gobo 4 42–50 Gobo 5 51–59 Gobo 6 60–68 Gobo 7 69–77 Gobo 8 78–91 Gobo Shake 1 92–105 Gobo Shake 2 106–119 Gobo Shake 3 120–133 Gobo Shake 4 134–147 Gobo Shake 5 148–161 Gobo Shake 6 162–175 Gobo Shake 7 176–189 Gobo Shake 8 190–221 Clockwise Fast Slow 222–223 No Rotation 224–255 Clockwise Slow Fast
12	Animation Wheel1	0	0–127 No Functions 128–189 Clockwise Fast Slow 190–255 Clockwise Slow Fast
13	Prism	0	0–31 No Functions 32–255 Prism
14	Prism Rotation	0	0–127 Index 128–189 Clockwise Fast Slow 190–193 No Rotation 194–255 Clockwise Slow Fast
15	Prism	0	0–31 No Functions 32–255 Prism
16	Prism Rotation	0	0–127 Index 128–189 Clockwise Fast Slow 190–193 No Rotation 194–255 Clockwise Slow Fast
17	Frost1	0	0–225 Linear 226–235 Pulse In Fast Slow 236–245 Pulse Out slow fast 246–255 Frost
18	Iris	0	0–225 Linear 226–235 Pulse In Fast Slow 236–245 Pulse Out Slow Fast 246–255 Random
19	Zoom	0	
20	Focus	0	
21	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–95 Slow Fast 96–127 Open 128–159 Pulse Slow Fast 160–191 Open 192–223 Random 224–255 Open
22	Dimmer	0	

24 Ch (continued)

Ch	Function	Default	DMX values
23	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architettural 81–100 Theater 101–255 Default
24	Fixture Global Reset	0	0–79 No Functions 80–84 Reset 85–87 P/T Reset 88–90 Color Reset 91–93 Gobo 1 94–96 Gobo 2 97–99 Other Reset 100–255 No Functions

29 Ch

29 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	0–225 Fast Slow 226–235 Blackout during moviment 236–255 No Functions
6	Cyan	255	
7	Magenta	255	
8	Yellow	255	
9	C TO	0	
10	Gobo	0	0–9 Open 10–19 Gobo 1 20–29 Gobo 2 30–39 Gobo 3 40–49 Gobo 4 50–59 Gobo 5 60–69 Gobo 6 70–79 Gobo 7 80–94 Gobo shake 1 95–109 Gobo shake 2 110–124 Gobo shake 3 125–139 Gobo shake 4 140–154 Gobo shake 5 155–169 Gobo shake 6 170–189 Gobo shake 7 190–221 Clockwise Fast Slow 222–223 No Rotation 224–255 Cloclwise Slow Fast
11	Gobo Rotation	0	0–127 Index 128–189 Clockwise Fast Slow 190–193 No Rotation 194–255 Clockwise Slow Fast

29 Ch (continued)

Ch	Function	Default	DMX values
12	Color1Wheel Index	0	0–4 Open 5–17 Open Red 18–30 Red 31–43 Red Light Blue 44–56 Light Blue 57–69 Light Blue Green 70–82 Green 83–95 Green CTB 96–108 CTB 109–121 CTB Amber 122–134 Amber 135–147 Amber CTO 148–160 CTO 161–173 CTO UV 174–186 UV 187–199 UV Open 200–226 Clockwise Fast Slow 227–228 Open 229–255 Clockwise Slow Fast
13	Gobo 2	0	0–5 Open 6–14 Gobo 1 15–23 Gobo 2 24–32 Gobo 3 33–41 Gobo 4 42–50 Gobo 5 51–59 Gobo 6 60–68 Gobo 7 69–77 Gobo 8 78–91 Gobo Shake 1 92–105 Gobo Shake 2 106–119 Gobo Shake 3 120–133 Gobo Shake 4 134–147 Gobo Shake 5 148–161 Gobo Shake 6 162–175 Gobo Shake 7 176–189 Gobo Shake 8 190–221 Clockwise Fast Slow 222–223 No Rotation 224–255 Clockwise Slow Fast
14	Animation Wheel1	0	0–127 No Functions 128–189 Clockwise Fast Slow 190–255 Clockwise Slow Fast
15	Prism	0	0–31 No Functions 32–255 Prism
16	Prism Rotation	0	0–127 Index 128–189 Clockwise Fast Slow 190–193 No Rotation 194–255 Clockwise Slow Fast
17	Prism	0	0–31 No Functions 32–255 Prism
18	Prism Rotation	0	0–127 Index 128–189 Clockwise Fast Slow 190–193 No Rotation 194–255 Clockwise Slow Fast
19	Frost1	0	0–225 Linear 226–235 Pulse In Fast Slow 236–245 Pulse Out slow fast 246–255 Frost

29 Ch (continued)

Ch	Function	Default	DMX values
20	Iris	0	0–225 Linear 226–235 Pulse In Fast Slow 236–245 Pulse Out Slow Fast 246–255 Random
21	Zoom	0	
22	Zoom Fine	0	Fine byte of Zoom
23	Focus	0	
24	Focus Fine	0	Fine byte of Focus
25	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–95 Slow Fast 96–127 Open 128–159 Pulse Slow Fast 160–191 Open 192–223 Random 224–255 Open
26	Dimmer	0	
27	Dimmer Fine	0	Fine byte of Dimmer
28	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architettural 81–100 Theater 101–255 Default
29	Fixture Global Reset	0	0–79 No Functions 80–84 Reset 85–87 P/T Reset 88–90 Color Reset 91–93 Gobo 1 94–96 Gobo 2 97–99 Other Reset 100–255 No Functions

34 Ch

34 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	0–225 Fast Slow 226–235 Blackout during moviment 236–255 No Functions
6	Cyan	0	
7	Cyan Fine	255	Fine byte of Cyan
8	Magenta	0	
9	Magenta Fine	255	Fine byte of Magenta
10	Yellow	0	
11	Yellow Fine	255	Fine byte of Yellow
12	C TO	0	
13	C TO Fine	0	Fine byte of C TO

34 Ch (continued)

Ch	Function	Default	DMX values
14	Gobo	0	0–9 Open 10–19 Gobo 1 20–29 Gobo 2 30–39 Gobo 3 40–49 Gobo 4 50–59 Gobo 5 60–69 Gobo 6 70–79 Gobo 7 80–94 Gobo shake 1 95–109 Gobo shake 2 110–124 Gobo shake 3 125–139 Gobo shake 4 140–154 Gobo shake 5 155–169 Gobo shake 6 170–189 Gobo shake 7 190–221 Clockwise Fast Slow 222–223 No Rotation 224–255 Cloclwise Slow Fast
15	Gobo Rotation	0	0–127 Index 128–189 Clockwise Fast Slow 190–193 No Rotation 194–255 Clockwise Slow Fast
16	Color1Wheel Index	0	0–4 Open 5–17 Open Red 18–30 Red 31–43 Red Light Blue 44–56 Light Blue 57–69 Light Blue Green 70–82 Green 83–95 Green CTB 96–108 CTB 109–121 CTB Amber 122–134 Amber 135–147 Amber CTO 148–160 CTO 161–173 CTO UV 174–186 UV 187–199 UV Open 200–226 Clockwise Fast Slow 227–228 Open 229–255 Clockwise Slow Fast
17	Gobo 2	0	0–5 Open 6–14 Gobo 1 15–23 Gobo 2 24–32 Gobo 3 33–41 Gobo 4 42–50 Gobo 5 51–59 Gobo 6 60–68 Gobo 7 69–77 Gobo 8 78–91 Gobo Shake 1 92–105 Gobo Shake 2 106–119 Gobo Shake 3 120–133 Gobo Shake 4 134–147 Gobo Shake 5 148–161 Gobo Shake 6 162–175 Gobo Shake 7 176–189 Gobo Shake 8 190–221 Clockwise Fast Slow 222–223 No Rotation 224–255 Clockwise Slow Fast

34 Ch (continued)

Ch	Function	Default	DMX values
18	Animation Wheel1	0	0–127 No Functions 128–189 Clockwise Fast Slow 190–255 Clockwise Slow Fast
19	Prism	0	0–31 No Functions 32–255 Prism
20	Prism Rotation	0	0–127 Index 128–189 Clockwise Fast Slow 190–193 No Rotation 194–255 Clockwise Slow Fast
21	Prism	0	0–31 No Functions 32–255 Prism
22	Prism Rotation	0	0–127 Index 128–189 Clockwise Fast Slow 190–193 No Rotation 194–255 Clockwise Slow Fast
23	Frost1	0	0–225 Linear 226–235 Pulse In Fast Slow 236–245 Pulse Out slow fast 246–255 Frost
24	Iris	0	
25	Iris Fine	0	Fine byte of Iris
26	Zoom	0	
27	Zoom Fine	0	Fine byte of Zoom
28	Focus	0	
29	Focus Fine	0	Fine byte of Focus
30	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–95 Slow Fast 96–127 Open 128–159 Pulse Slow Fast 160–191 Open 192–223 Random 224–255 Open
31	Dimmer	0	
32	Dimmer Fine	0	Fine byte of Dimmer
33	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architettural 81–100 Theater 101–255 Default
34	Fixture Global Reset	0	0–79 No Functions 80–84 Reset 85–87 P/T Reset 88–90 Color Reset 91–93 Gobo 1 94–96 Gobo 2 97–99 Other Reset 100–255 No Functions