Sagitter

Archer B1



Manufacturer	**Sagitter**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**13, 16 channels**
Beam angle	**3°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**165 × 230 × 130 mm**
GDTF fixture type	**114233AB-FAA3-4024-A235-A8…**

Controls

Focus · Frost · Prism rotation · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

13ch Mode	13 ch
16ch Mode	16 ch

13ch Mode

13 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Dimmer	0	0–254 At Zero 255–255 Full
4	Shutter / Strobe	255	64–128 Strobe 129–144 Pulse IN 145–216 Pulse OUT 217–254 Random 255–255 OPEN
5	Color Wheel	0	0–10 OPEN (wheel slot 1) 11–17 Red (wheel slot 2) 18–24 Red + Green (wheel slot 2) 25–31 Green (wheel slot 3) 32–38 Green + Cyan (wheel slot 3) 39–45 Cyan (wheel slot 4) 46–52 Cyan + Yellow 1 (wheel slot 4) 53–59 Yellow 1 (wheel slot 5) 60–66 Yellow 1 + Magenta (wheel slot 5) 67–73 Magenta (wheel slot 6) 74–80 Magenta + Orange (wheel slot 6) 81–87 Orange (wheel slot 7) 88–94 Orange + Blue (wheel slot 7) 95–101 Blue (wheel slot 8) 102–108 Blue + Lime (wheel slot 8) 109–115 LIme (wheel slot 9) 116–122 Lime + Yellow 2 (wheel slot 9) 123–129 Yellow 2 (wheel slot 10) 130–136 Yellow 2 + Pink (wheel slot 10) 137–143 Pink (wheel slot 11) 144–150 Pink + CTB (wheel slot 11) 151–157 CTB (wheel slot 12) 158–164 CTB + CTO (wheel slot 12) 165–171 CTO (wheel slot 13) 172–172 CCW Slow 173–212 CCW Slow2Fast 213–213 CCW Fast 214–214 CW Slow 215–254 CW Slow2Fast 255–255 CW Fast

13ch Mode (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–10 OPEN (wheel slot 14) 11–15 Iris 1 (wheel slot 1) 16–20 Iris 2 (wheel slot 2) 21–25 Iris 3 (wheel slot 3) 26–30 Iris 4 (wheel slot 4) 31–35 Dots 1 (wheel slot 5) 36–40 Dots 2 (wheel slot 6) 41–45 Blob (wheel slot 7) 46–50 Star 1 (wheel slot 8) 51–55 Lines 1 (wheel slot 9) 56–60 Dots 3 (wheel slot 10) 61–65 Star 2 (wheel slot 11) 66–70 Star 3 (wheel slot 12) 71–75 Lines 2 (wheel slot 13) 76–85 Iris 1 (wheel slot 1) 86–95 Iris 2 (wheel slot 2) 96–105 Iris 3 (wheel slot 3) 106–115 Iris 4 (wheel slot 4) 116–125 Dots 1 (wheel slot 5) 126–135 Dots 2 (wheel slot 6) 136–145 Blob (wheel slot 7) 146–155 Star 1 (wheel slot 8) 156–165 Lines 1 (wheel slot 9) 166–175 Dots 3 (wheel slot 10) 176–185 Star 2 (wheel slot 11) 186–195 Star 3 (wheel slot 12) 196–205 Lines 2 (wheel slot 13) 206–230 CCW 231–255 CW
7	Prism Circular	0	0–127 Prism OUT (wheel slot 2) 128–255 Prism IN (wheel slot 1)
8	Prism Circular Rotate	0	0–127 Index (wheel slot 1) 185–190 CCW Rot (wheel slot 1) 191–194 STOP (wheel slot 1) 195–255 CW Rot (wheel slot 1)
9	Prism Linear	0	0–127 Prism Out (wheel slot 2) 128–255 Prism IN (wheel slot 1)
10	Prism Linear Rotate	0	0–127 Index (wheel slot 1) 185–190 CCW Rot (wheel slot 1) 191–194 STOP (wheel slot 1) 195–255 CW Rot (wheel slot 1)
11	Frost1	0	0–127 No Frost 128–255 Frost Active
12	Focus	110	
13	Function	0	25–74 FX Reset 75–124 Full Reset 125–174 Sound Mode (NB Menu) 175–224 Lamp OFF 225–255 Lamp ON

16ch Mode

16 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

16ch Mode (continued)

Ch	Function	Default	DMX values
5	Position MSpeed	0	0–149 Fastest (Normal) 150–209 Medium 210–224 Slow 225–225 Superslow 226–255 Activate Blackout in PanTilt
6	Dimmer	0	0–254 At Zero 255–255 Full
7	Shutter / Strobe	255	64–128 Strobe 129–144 Pulse IN 145–216 Pulse OUT 217–254 Random 255–255 OPEN
8	Color Wheel	0	0–10 OPEN (wheel slot 1) 11–17 Red (wheel slot 2) 18–24 Red + Green (wheel slot 2) 25–31 Green (wheel slot 3) 32–38 Green + Cyan (wheel slot 3) 39–45 Cyan (wheel slot 4) 46–52 Cyan + Yellow 1 (wheel slot 4) 53–59 Yellow 1 (wheel slot 5) 60–66 Yellow 1 + Magenta (wheel slot 5) 67–73 Magenta (wheel slot 6) 74–80 Magenta + Orange (wheel slot 6) 81–87 Orange (wheel slot 7) 88–94 Orange + Blue (wheel slot 7) 95–101 Blue (wheel slot 8) 102–108 Blue + Lime (wheel slot 8) 109–115 LIme (wheel slot 9) 116–122 Lime + Yellow 2 (wheel slot 9) 123–129 Yellow 2 (wheel slot 10) 130–136 Yellow 2 + Pink (wheel slot 10) 137–143 Pink (wheel slot 11) 144–150 Pink + CTB (wheel slot 11) 151–157 CTB (wheel slot 12) 158–164 CTB + CTO (wheel slot 12) 165–171 CTO (wheel slot 13) 172–172 CCW Slow 173–212 CCW Slow2Fast 213–213 CCW Fast 214–214 CW Slow 215–254 CW Slow2Fast 255–255 CW Fast

16ch Mode (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–10 OPEN (wheel slot 14) 11–15 Iris 1 (wheel slot 1) 16–20 Iris 2 (wheel slot 2) 21–25 Iris 3 (wheel slot 3) 26–30 Iris 4 (wheel slot 4) 31–35 Dots 1 (wheel slot 5) 36–40 Dots 2 (wheel slot 6) 41–45 Blob (wheel slot 7) 46–50 Star 1 (wheel slot 8) 51–55 Lines 1 (wheel slot 9) 56–60 Dots 3 (wheel slot 10) 61–65 Star 2 (wheel slot 11) 66–70 Star 3 (wheel slot 12) 71–75 Lines 2 (wheel slot 13) 76–85 Iris 1 (wheel slot 1) 86–95 Iris 2 (wheel slot 2) 96–105 Iris 3 (wheel slot 3) 106–115 Iris 4 (wheel slot 4) 116–125 Dots 1 (wheel slot 5) 126–135 Dots 2 (wheel slot 6) 136–145 Blob (wheel slot 7) 146–155 Star 1 (wheel slot 8) 156–165 Lines 1 (wheel slot 9) 166–175 Dots 3 (wheel slot 10) 176–185 Star 2 (wheel slot 11) 186–195 Star 3 (wheel slot 12) 196–205 Lines 2 (wheel slot 13) 206–230 CCW 231–255 CW
10	Prism Circular	0	0–127 Prism OUT (wheel slot 2) 128–255 Prism IN (wheel slot 1)
11	Prism Circular Rotate	0	0–127 Index (wheel slot 1) 185–190 CCW Rot (wheel slot 1) 191–194 STOP (wheel slot 1) 195–255 CW Rot (wheel slot 1)
12	Prism Linear	0	0–127 Prism Out (wheel slot 2) 128–255 Prism IN (wheel slot 1)
13	Prism Linear Rotate	0	0–127 Index (wheel slot 1) 185–190 CCW Rot (wheel slot 1) 191–194 STOP (wheel slot 1) 195–255 CW Rot (wheel slot 1)
14	Frost1	0	0–127 No Frost 128–255 Frost Active
15	Focus	110	
16	Function	0	25–74 FX Reset 75–124 Full Reset 125–174 Sound Mode (NB Menu) 175–224 Lamp OFF 225–255 Lamp ON