Prolights

AstraBeam120IP



Manufacturer	**Prolights**
Type	**Laser**
DMX modes	**1**
DMX footprint	**32 channels**
Beam angle	**0.6°**
Pan range	**540°**
Tilt range	**260°**
Size (W × H × D)	**240 × 358 × 241 mm**
GDTF fixture type	**6F3A075B-9712-48AE-A6AB-92…**

Controls

Focus · Prism · Prism rotation · CMY colour mixing · Colour wheel · Strobe · Dimmer · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Laser output · Fixture reset · Strobe

DMX modes

Standard 32 ch

Standard

32 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	Pan Rotate	0	10–30 Stop by SpinOut 31–41 Stop by ShortCut 42–142 CW 143–154 Pause 155–255 CCW
6	Tilt Rotate	0	10–30 Stop by SpinOut 31–41 Stop by ShortCut 42–142 CW 143–154 Pause 155–255 CCW
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Shutter / Strobe	255	0–1 Open 2–62 Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Closed 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
10	Cyan	0	
11	Magenta	0	
12	Yellow	0	

Standard (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–2 Open (wheel slot 1) 3–8 Red (wheel slot 2) 9–14 Deep Purple (wheel slot 3) 15–20 Yellow (wheel slot 4) 21–26 Velvet Green (wheel slot 5) 27–32 Magenta (wheel slot 6) 33–38 Blue (wheel slot 7) 39–44 Orange (wheel slot 8) 45–50 Green (wheel slot 9) 51–56 Dark Amber 1 (wheel slot 10) 57–62 Pink (wheel slot 11) 63–68 Arctic Lime (wheel slot 12) 69–74 Light Blue (wheel slot 13) 75–80 Light Red (wheel slot 14) 81–86 Aquamarine (wheel slot 15) 87–92 Tropical Violet (wheel slot 16) 93–98 Dark Green (wheel slot 17) 99–104 Slate Blue (wheel slot 18) 105–110 Amber (wheel slot 19) 111–116 Minus green 1/2 (wheel slot 20) 117–122 CTB 1/2 (wheel slot 21) 123–128 CTB 1/4 (wheel slot 22) 129–134 CTB (wheel slot 23) 135–140 CTO (wheel slot 24) 141–146 Congo blue (wheel slot 25) 147–160 Open (wheel slot 1) 161–161 Red (wheel slot 2) 162–162 Deep Purple (wheel slot 3) 163–163 Yellow (wheel slot 4) 164–164 Velvet Green (wheel slot 5) 165–165 Magenta (wheel slot 6) 166–166 Blue (wheel slot 7) 167–167 Orange (wheel slot 8) 168–168 Green (wheel slot 9) 169–169 Dark Amber 1 (wheel slot 10) 170–170 Pink (wheel slot 11) 171–171 Arctic Lime (wheel slot 12) 172–172 Light Blue (wheel slot 13) 173–173 Light Red (wheel slot 14) 174–174 Aquamarine (wheel slot 15) 175–175 Tropical Violet (wheel slot 16) 176–176 Dark Green (wheel slot 17) 177–177 Slate Blue (wheel slot 18) 178–178 Amber (wheel slot 19) 179–179 Minus green 1/2 (wheel slot 20) 180–180 CTB 1/2 (wheel slot 21) 181–181 CTB 1/4 (wheel slot 22) 182–182 CTB (wheel slot 23) 183–183 CTO (wheel slot 24) 184–199 Congo blue (wheel slot 25) 200–200 CW Fast 201–223 CW Fast2Slow 224–224 CW Slow 225–230 Stop 231–231 CCW Slow 232–254 CCW Slow2Fast 255–255 CCW Fast
14	Color Wheel Fine	0	Fine byte of Color Wheel

Standard (continued)

Ch	Function	Default	DMX values
15	Gobo	0	0–11 Open (wheel slot 1) 12–14 Gobo_1 (wheel slot 2) 15–17 Gobo_2 (wheel slot 3) 18–20 Gobo_3 (wheel slot 4) 21–23 Gobo_4 (wheel slot 5) 24–26 Gobo_5 (wheel slot 6) 27–29 Gobo_6 (wheel slot 7) 30–32 Gobo_7 (wheel slot 8) 33–35 Gobo_8 (wheel slot 9) 36–38 Gobo_9 (wheel slot 10) 39–41 Gobo_10 (wheel slot 11) 42–44 Gobo_11 (wheel slot 12) 45–47 Gobo_12 (wheel slot 13) 48–50 Gobo_13 (wheel slot 14) 51–53 Gobo_1 (wheel slot 2) 54–56 Gobo_2 (wheel slot 3) 57–59 Gobo_3 (wheel slot 4) 60–62 Gobo_4 (wheel slot 5) 63–65 Gobo_5 (wheel slot 6) 66–68 Gobo_6 (wheel slot 7) 69–71 Gobo_7 (wheel slot 8) 72–74 Gobo_8 (wheel slot 9) 75–77 Gobo_9 (wheel slot 10) 78–80 Gobo_10 (wheel slot 11) 81–83 Gobo_11 (wheel slot 12) 84–86 Gobo_12 (wheel slot 13) 87–89 Gobo_13 (wheel slot 14) 90–97 Gobo_1 (wheel slot 2) 98–105 Gobo_2 (wheel slot 3) 106–113 Gobo_3 (wheel slot 4) 114–121 Gobo_4 (wheel slot 5) 122–129 Gobo_5 (wheel slot 6) 130–137 Gobo_6 (wheel slot 7) 138–145 Gobo_7 (wheel slot 8) 146–153 Gobo_8 (wheel slot 9) 154–161 Gobo_9 (wheel slot 10) 162–169 Gobo_10 (wheel slot 11) 170–185 Gobo_11 (wheel slot 12) 186–193 Gobo_12 (wheel slot 13) 194–194 CW Fast 195–222 CW Fast2Slow 223–223 CW Slow 224–225 Spin Stop 226–226 CCW Slow 227–254 CCW Slow2Fast 255–255 CCW Fast
16	Gobo Rotation	128	0–0 Min 0 degrees 1–1 CW Fast 2–126 CW Fast2Slow 127–127 CW Slow 128–128 Mid 180 degrees 129–129 CCW Slow 130–254 CCW Slow2Fast 255–255 CCW Fast
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Standard (continued)

Ch	Function	Default	DMX values
18	Gobo 2	17	0–2 Open (wheel slot 1) 3–16 Animation (wheel slot 2) 17–19 Open 1 (wheel slot 3) 20–20 Gobo_1 (wheel slot 4) 21–21 Gobo_2 (wheel slot 5) 22–22 Gobo_3 (wheel slot 6) 23–23 Gobo_4 (wheel slot 7) 24–24 Gobo_5 (wheel slot 8) 25–25 Gobo_6 (wheel slot 9) 26–26 Gobo_7 (wheel slot 10) 27–27 Gobo_8 (wheel slot 11) 28–28 Gobo_9 (wheel slot 12) 29–29 Gobo_10 (wheel slot 13) 30–30 Gobo_11 (wheel slot 14) 31–31 Gobo_12 (wheel slot 15) 32–32 Gobo_13 (wheel slot 16) 33–33 Gobo_14 (wheel slot 17) 34–34 Gobo_15 (wheel slot 18) 35–35 Gobo_16 (wheel slot 19) 36–36 Gobo_17 (wheel slot 20) 37–37 Gobo_18 (wheel slot 21) 38–38 Gobo_19 (wheel slot 22) 39–39 Gobo_20 (wheel slot 23) 40–40 Gobo_21 (wheel slot 24) 41–41 Gobo_22 (wheel slot 25) 42–42 Gobo_23 (wheel slot 26) 43–43 Gobo_24 (wheel slot 27) 44–44 Gobo_25 (wheel slot 28) 45–45 Gobo_26 (wheel slot 29) 46–46 Gobo_27 (wheel slot 30) 47–47 Gobo_28 (wheel slot 31) 48–48 Gobo_29 (wheel slot 32) 49–53 Gobo_1 (wheel slot 4) 54–58 Gobo_2 (wheel slot 5) 59–63 Gobo_3 (wheel slot 6) 64–68 Gobo_4 (wheel slot 7) 69–73 Gobo_5 (wheel slot 8) 74–78 Gobo_6 (wheel slot 9) 79–83 Gobo_7 (wheel slot 10) 84–88 Gobo_8 (wheel slot 11) 89–93 Gobo_9 (wheel slot 12) 94–98 Gobo_10 (wheel slot 13) 99–103 Gobo_11 (wheel slot 14) 104–108 Gobo_12 (wheel slot 15) 109–113 Gobo_13 (wheel slot 16) 114–118 Gobo_14 (wheel slot 17) 119–123 Gobo_15 (wheel slot 18) 124–128 Gobo_16 (wheel slot 19) 129–133 Gobo_17 (wheel slot 20) 134–138 Gobo_18 (wheel slot 21) 139–143 Gobo_19 (wheel slot 22) 144–148 Gobo_20 (wheel slot 23) 149–153 Gobo_21 (wheel slot 24) 154–158 Gobo_22 (wheel slot 25) 159–163 Gobo_23 (wheel slot 26) 164–168 Gobo_24 (wheel slot 27) 169–173 Gobo_25 (wheel slot 28) 174–178 Gobo_26 (wheel slot 29) 179–183 Gobo_27 (wheel slot 30) 184–188 Gobo_28 (wheel slot 31) 189–193 Gobo_29 (wheel slot 32) 194–194 CW Fast 195–222 CW Fast2Slow 223–223 CW Slow

Standard (continued)

Ch	Function	Default	DMX values
19	Animation Wheel1Pos	0	0–126 0 degrees (wheel slot 2) 127–127 360 degrees (wheel slot 2) 128–128 CW Fast (wheel slot 2) 129–189 CW Fast2Slow (wheel slot 2) 190–190 CW Slow (wheel slot 2) 191–192 Stop (wheel slot 2) 193–193 CCW Slow (wheel slot 2) 194–254 CCW Slow2Fast (wheel slot 2) 255–255 CCW Fast (wheel slot 2)
20	Prism	0	0–29 Open (wheel slot 1) 30–49 8F Circular (wheel slot 2) 50–69 4F Linear (wheel slot 3) 70–89 6F Linear (wheel slot 4) 90–109 8F Circular (wheel slot 2) 110–129 4F Linear (wheel slot 3) 130–149 6F Linear (wheel slot 4) 150–255 Light Frost
21	Prism Rotation	128	0–0 Min 0 degrees 1–1 CW Fast 2–126 CW Fast2Slow 127–127 CW Slow 128–128 Mid 180 degrees 129–129 Max 360 degrees 130–254 CCW Slow2Fast 255–255 CCW Fast
22	Prism	0	0–29 Open (wheel slot 1) 30–49 16F Circular (wheel slot 2) 50–69 6F Circular (wheel slot 3) 70–89 6F Linear (wheel slot 4) 90–109 16F Circular (wheel slot 2) 110–129 6F Circular (wheel slot 3) 130–149 6F Linear (wheel slot 4) 150–255 Heavy Frost
23	Prism Rotation	128	0–0 Min 0 degrees 1–1 CW Fast 2–126 CW Fast2Slow 127–127 CW Slow 128–128 Mid 180 degrees 129–129 Max 360 degrees 130–254 CCW Slow2Fast 255–255 CCW Fast
24	Focus	127	
25	Focus Fine	255	Fine byte of Focus
26	Pan Mode	0	
27	Pan Mode Fine	0	Fine byte of Pan Mode
28	Control2	0	0–0 Off 1–1 Safety zone min 2–254 Safety Zone min to max 255–255 Safety zone max
29	Tilt Mode	0	
30	Tilt Mode Fine	0	Fine byte of Tilt Mode
31	Control3	0	0–0 Off 1–1 Safety zone min 2–254 Safety Zone min to max 255–255 Safety zone max
32	Control1	0	