Silver Star

Pluto 600 Profile



Manufacturer	**Silver Star**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**32, 35 channels**
Beam angle	**7-50°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**300 × 501 × 260 mm**
GDTF fixture type	**B24975DF-051B-4BD2-8F9B-8F…**

Controls

Focus · Frost · Iris · Prism · 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

Basic	32 ch
Standard	35 ch

Basic

32 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	0–254 Fast 255–255 Slow
4	Cyan	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%
5	Magenta	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%
6	Yellow	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%
7	C TO	0	0–254 6800K 255–255 2700K
8	Color Macro1	0	0–10 Open 11–15 2700K 16–20 3200K 21–25 3500K 26–30 4000K 31–35 4500K 36–40 5000K 41–45 5400K 46–50 5600K 51–55 6000K 56–60 6500K 61–65 6800K 66–70 L106 71–75 L194 76–80 L019 81–85 R08 86–90 L213 91–95 R80 96–100 L202 101–105 L328 106–110 R3314 111–115 L101 116–120 L768 121–128 Open 129–147 Cyan +Magenta 148–166 Magenta -Cyan 167–185 Magenta +Yellow 186–204 Yellow -Magenta 205–223 Yellow +Cyan 224–242 Cyan -Yellow 243–255 Cyan

Basic (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–7 White (wheel slot 1) 8–15 Red (wheel slot 2) 16–23 Blue (wheel slot 3) 24–31 Green (wheel slot 4) 32–39 Lavender (wheel slot 5) 40–47 Teal (wheel slot 6) 48–55 Orange (wheel slot 7) 56–63 Purple (wheel slot 8) 64–191 0-360 degrees 192–222 CW Spin 223–224 Static 225–255 CCW Spin
10	Color Wheel Fine	0	Fine byte of Color Wheel
11	Gobo	0	0–10 Open (wheel slot 1) 11–15 Gobo 1 (wheel slot 2) 16–20 Gobo 2 (wheel slot 3) 21–25 Gobo 3 (wheel slot 4) 26–30 Gobo 4 (wheel slot 5) 31–35 Gobo 5 (wheel slot 6) 36–40 Gobo 6 (wheel slot 7) 41–45 Gobo 7 (wheel slot 8) 46–50 Gobo 8 (wheel slot 9) 51–55 Gobo 9 (wheel slot 10) 56–60 Gobo 10 (wheel slot 11) 61–65 Gobo 1 (wheel slot 2) 66–70 Gobo 2 (wheel slot 3) 71–75 Gobo 3 (wheel slot 4) 76–80 Gobo 4 (wheel slot 5) 81–85 Gobo 5 (wheel slot 6) 86–90 Gobo 6 (wheel slot 7) 91–95 Gobo 7 (wheel slot 8) 96–100 Gobo 8 (wheel slot 9) 101–105 Gobo 9 (wheel slot 10) 106–110 Gobo 10 (wheel slot 11) 111–127 Open 128–190 CW Spin 191–192 Static 193–255 CCW Spin
12	Gobo 2	0	0–10 Open (wheel slot 1) 11–18 Gobo 1 (wheel slot 2) 19–26 Gobo 2 (wheel slot 3) 27–34 Gobo 3 (wheel slot 4) 35–42 Gobo 4 (wheel slot 5) 43–50 Gobo 5 (wheel slot 6) 51–58 Gobo 6 (wheel slot 7) 59–66 Gobo 7 (wheel slot 8) 67–74 Gobo 1 (wheel slot 2) 75–82 Gobo 2 (wheel slot 3) 83–90 Gobo 3 (wheel slot 4) 91–98 Gobo 4 (wheel slot 5) 99–106 Gobo 5 (wheel slot 6) 107–114 Gobo 6 (wheel slot 7) 115–122 Gobo 7 (wheel slot 8) 123–127 Open 128–190 CW Spin 191–192 Static 193–255 CCW Spin

Basic (continued)

Ch	Function	Default	DMX values
13	Gobo Rotation 2	0	0–120 0-360 121–125 Stop 126–165 Shake Rotate 166–170 Stop 171–210 CW 211–215 Static 216–255 CCW
14	Animation Wheel1	0	0–10 Open 11–140 Bounce 141–146 Static 147–200 CW 201–255 CCW
15	Prism	12	0–10 Open (wheel slot 1) 11–11 Insert (wheel slot 2) 12–145 0-360 (wheel slot 2) 146–150 5-Facet Prism (wheel slot 2) 151–200 Prism CW (wheel slot 2) 201–205 Static (wheel slot 2) 206–255 Prism CCW (wheel slot 2)
16	Frost1	0	0–254 0% 255–255 100%
17	Iris	0	0–126 Open 127–130 Closed 131–171 Fade In/Out 172–211 Open Effect 212–251 Close Effect 252–255 Closed
18	Blade1A	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100
19	Blade1B	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100
20	Blade2A	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100
21	Blade2B	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100
22	Blade3A	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100
23	Blade3B	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100

Basic (continued)

Ch	Function	Default	DMX values
24	Blade4A	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100
25	Blade4B	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100
26	Shaper Rot	0	0–63 0 degrees 64–127 90 degrees 128–191 180 degrees 192–254 270 degrees 255–255 360 degrees
27	Zoom	128	0–127 Far 128–254 Mid 255–255 Narrow
28	Focus1Distance	0	0–12 No Function 13–39 5 Meters 40–66 7 Meters 67–93 9 Meters 94–120 11 Meters 121–147 13 Meters 148–174 15 Meters 175–201 17 Meters 202–228 19 Meters 229–255 21 Meters
29	Focus	128	0–127 Near 128–254 Mid 255–255 Far
30	Dimmer	0	0–254 Closed 255–255 Open
31	Shutter / Strobe	10	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe

Basic (continued)

Ch	Function	Default	DMX values
32	Control1	0	0–10 No Function 11–20 P/T Blackout On 21–30 P/T Blackout Off 31–40 Pan Invert 41–50 Tilt Invert 51–60 P/T Invert Off 61–70 Fan Slow 71–80 Fan Normal 81–90 Fan Fast 91–100 Fan Auto 101–110 Dim 1 111–120 Dim 2 121–130 Dim 3 131–140 Dim 4 141–150 Dim 5 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 P/T Reset 221–230 Color Reset 231–240 Gobo Reset 241–250 Optics Reset 251–255 Framing Reset

Standard

35 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	0–254 Fast 255–255 Slow
6	Cyan	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%
7	Magenta	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%
8	Yellow	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%
9	C TO	0	0–254 6800K 255–255 2700K

Standard (continued)

Ch	Function	Default	DMX values
10	Color Macro1	0	0–10 Open 11–15 2700K 16–20 3200K 21–25 3500K 26–30 4000K 31–35 4500K 36–40 5000K 41–45 5400K 46–50 5600K 51–55 6000K 56–60 6500K 61–65 6800K 66–70 L106 71–75 L194 76–80 L019 81–85 R08 86–90 L213 91–95 R80 96–100 L202 101–105 L328 106–110 R3314 111–115 L101 116–120 L768 121–128 Open 129–147 Cyan +Magenta 148–166 Magenta -Cyan 167–185 Magenta +Yellow 186–204 Yellow -Magenta 205–223 Yellow +Cyan 224–242 Cyan -Yellow 243–255 Cyan
11	Color Wheel	0	0–7 White (wheel slot 1) 8–15 Red (wheel slot 2) 16–23 Blue (wheel slot 3) 24–31 Green (wheel slot 4) 32–39 Lavender (wheel slot 5) 40–47 Teal (wheel slot 6) 48–55 Orange (wheel slot 7) 56–63 Purple (wheel slot 8) 64–191 0-360 degrees 192–222 CW Spin 223–224 Static 225–255 CCW
12	Color Wheel Fine	0	Fine byte of Color Wheel

Standard (continued)

Ch	Function	Default	DMX values
13	Gobo	0	0–10 Open (wheel slot 1) 11–15 Gobo 1 (wheel slot 2) 16–20 Gobo 2 (wheel slot 3) 21–25 Gobo 3 (wheel slot 4) 26–30 Gobo 4 (wheel slot 5) 31–35 Gobo 5 (wheel slot 6) 36–40 Gobo 6 (wheel slot 7) 41–45 Gobo 7 (wheel slot 8) 46–50 Gobo 8 (wheel slot 9) 51–55 Gobo 9 (wheel slot 10) 56–60 Gobo 10 (wheel slot 11) 61–65 Gobo 1 (wheel slot 2) 66–70 Gobo 2 (wheel slot 3) 71–75 Gobo 3 (wheel slot 4) 76–80 Gobo 4 (wheel slot 5) 81–85 Gobo 5 (wheel slot 6) 86–90 Gobo 6 (wheel slot 7) 91–95 Gobo 7 (wheel slot 8) 96–100 Gobo 8 (wheel slot 9) 101–105 Gobo 9 (wheel slot 10) 106–110 Gobo 10 (wheel slot 11) 111–127 Open 128–190 CW Spin 191–192 Static 193–255 CCW Spin
14	Gobo 2	0	0–10 Open (wheel slot 1) 11–18 Gobo 1 (wheel slot 2) 19–26 Gobo 2 (wheel slot 3) 27–34 Gobo 3 (wheel slot 4) 35–42 Gobo 4 (wheel slot 5) 43–50 Gobo 5 (wheel slot 6) 51–58 Gobo 6 (wheel slot 7) 59–66 Gobo 7 (wheel slot 8) 67–74 Gobo 1 (wheel slot 2) 75–82 Gobo 2 (wheel slot 3) 83–90 Gobo 3 (wheel slot 4) 91–98 Gobo 4 (wheel slot 5) 99–106 Gobo 5 (wheel slot 6) 107–114 Gobo 6 (wheel slot 7) 115–122 Gobo 7 (wheel slot 8) 123–127 Open 128–190 CW Spin 191–192 Static 193–255 CCW Spin
15	Gobo Rotation 2	0	0–120 0-360 121–125 Stop 126–165 Shake Rotate 166–170 Stop 171–210 CW 211–215 Static 216–255 CCW
16	Animation Wheel1	0	0–10 Open 11–140 Bounce 141–146 Static 147–200 CW 201–255 CCW

Standard (continued)

Ch	Function	Default	DMX values
17	Prism	12	0–10 Open (wheel slot 1) 11–11 Insert (wheel slot 2) 12–145 0-360 (wheel slot 2) 146–150 5-Facet Prism (wheel slot 2) 151–200 Prism CW (wheel slot 2) 201–205 Static (wheel slot 2) 206–255 Prism CCW (wheel slot 2)
18	Frost1	0	0–254 0% 255–255 100%
19	Iris	0	0–126 Open 127–130 Closed 131–171 Fade In/Out 172–211 Open Effect 212–251 Close Effect 252–255 Closed
20	Blade1A	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100
21	Blade1B	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100
22	Blade2A	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100
23	Blade2B	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100
24	Blade3A	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100
25	Blade3B	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100
26	Blade4A	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100
27	Blade4B	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100

Standard (continued)

Ch	Function	Default	DMX values
28	Shaper Rot	0	0–63 0 degrees 64–127 90 degrees 128–191 180 degrees 192–254 270 degrees 255–255 360 degrees
29	Zoom	128	0–127 Far 128–254 Mid 255–255 Narrow
30	Focus1Distance	0	0–12 No Function 13–39 5 Meters 40–66 7 Meters 67–93 9 Meters 94–120 11 Meters 121–147 13 Meters 148–174 15 Meters 175–201 17 Meters 202–228 19 Meters 229–255 21 Meters
31	Focus	128	0–127 Near 128–254 Mid 255–255 Far
32	Dimmer	0	0–254 Closed 255–255 Open
33	Dimmer Fine	0	Fine byte of Dimmer
34	Shutter / Strobe	10	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe
35	Control1	0	0–10 No Function 11–20 P/T Blackout On 21–30 P/T Blackout Off 31–40 Pan Invert 41–50 Tilt Invert 51–60 P/T Invert Off 61–70 Fan Slow 71–80 Fan Normal 81–90 Fan Fast 91–100 Fan Auto 101–110 Dim 1 111–120 Dim 2 121–130 Dim 3 131–140 Dim 4 141–150 Dim 5 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 P/T Reset 221–230 Color Reset 231–240 Gobo Reset 241–250 Optics Reset 251–255 Framing Reset