Silver Star

PLUTO 350



Manufacturer	**Silver Star**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**22, 25 channels**
Beam angle	**5-35°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**260 × 393 × 204 mm**
GDTF fixture type	**FD0DC3E6-2EC1-402B-B4A5-2E...**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

Basic	22 ch
Standard	25 ch

Basic

22 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	
7	C TO	0	0–254 8000K 255–255 3000K
8	Color Macro1	0	0–19 Open 20–21 3000K 22–23 3200K 24–25 3500K 26–27 4000K 28–29 4500K 30–31 5000K 32–33 5400K 34–35 5600K 36–37 6000K 38–39 6500K 40–41 6800K 42–43 L101 44–45 L194 46–47 L019 48–49 R08 50–51 L213 52–53 R80 54–55 L202 56–57 L328 58–59 R3314 60–61 L106 62–63 L768 64–255 RGBR Macro Effect
9	Color Wheel	0	0–127 0-360 degrees 128–134 Red (wheel slot 2) 135–141 Blue (wheel slot 3) 142–148 Green (wheel slot 4) 149–155 Pink (wheel slot 5) 156–162 Light Teal (wheel slot 6) 163–169 Orange (wheel slot 7) 170–176 Purple (wheel slot 8) 177–183 Yellow (wheel slot 9) 184–191 Open (wheel slot 1) 192–222 CW Spin 223–224 Stop 225–255 CCW Spin
10	Color Wheel Fine	0	Fine byte of Color Wheel

Basic (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–10 Open (wheel slot 1) 11–14 Gobo 1 (wheel slot 2) 15–18 Gobo 2 (wheel slot 3) 19–22 Gobo 3 (wheel slot 4) 23–26 Gobo 4 (wheel slot 5) 27–30 Gobo 5 (wheel slot 6) 31–34 Gobo 6 (wheel slot 7) 35–38 Gobo 7 (wheel slot 8) 39–42 Gobo 8 (wheel slot 9) 43–46 Gobo 9 (wheel slot 10) 47–50 Gobo 10 (wheel slot 11) 51–54 Gobo 11 (wheel slot 12) 55–58 Gobo 12 (wheel slot 13) 59–63 Gobo 1 (wheel slot 2) 64–68 Gobo 2 (wheel slot 3) 69–73 Gobo 3 (wheel slot 4) 74–78 Gobo 4 (wheel slot 5) 79–83 Gobo 5 (wheel slot 6) 84–88 Gobo 6 (wheel slot 7) 89–93 Gobo 7 (wheel slot 8) 94–98 Gobo 8 (wheel slot 9) 99–103 Gobo 9 (wheel slot 10) 104–108 Gobo 10 (wheel slot 11) 109–113 Gobo 11 (wheel slot 12) 114–118 Gobo 12 (wheel slot 13) 119–127 Open (wheel slot 1) 128–190 CW Spin 191–192 Stop 193–255 CCW Spin
12	Gobo 2	0	0–10 Open (wheel slot 1) 11–16 Gobo 1 (wheel slot 2) 17–22 Gobo 2 (wheel slot 3) 23–28 Gobo 3 (wheel slot 4) 29–34 Gobo 4 (wheel slot 5) 35–40 Gobo 5 (wheel slot 6) 41–46 Gobo 6 (wheel slot 7) 47–52 Gobo 7 (wheel slot 8) 53–58 Gobo 8 (wheel slot 9) 59–66 Gobo 1 (wheel slot 2) 67–74 Gobo 2 (wheel slot 3) 75–82 Gobo 3 (wheel slot 4) 83–90 Gobo 4 (wheel slot 5) 91–98 Gobo 5 (wheel slot 6) 99–106 Gobo 6 (wheel slot 7) 107–114 Gobo 7 (wheel slot 8) 115–122 Gobo 8 (wheel slot 9) 123–127 Open (wheel slot 1) 128–190 CW Spin 191–192 Stop 193–255 CCW Spin
13	Gobo Rotation 2	0	0–120 0-360 degrees 121–125 Stop 126–165 Rotate Shake 166–170 Stop 171–210 CW 211–215 Stop 216–255 CCW

Basic (continued)

Ch	Function	Default	DMX values
14	Prism	0	0–10 Open 11–11 Insert Prism 12–145 0-360 degrees 146–150 Stop 151–200 Prism CW 201–205 Stop 206–255 Prism CCW
15	Frost1	0	0–10 Open 11–255 Insert Frost
16	Iris	0	0–130 Open > Close 131–171 Pulse Close 172–211 Pulse Open 212–251 Pulse Close Random 252–255 Closed
17	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Far
18	Focus1Distance	0	0–15 No Function 16–63 5m 64–111 10m 112–159 15m 160–207 20m 208–255 25m
19	Focus	128	0–127 Near 128–254 Mid 255–255 Far
20	Dimmer	0	0–254 Closed 255–255 Open
21	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Shutter1StrobePulse 4 · Lightning 1–15 Hz 180–189 Open 190–255 Random
22	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 Full Reset 211–220 P/T Reset 221–230 Color System Reset 231–240 Gobo Reset 241–250 Optics Reset 251–255 No Function

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	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	C TO	0	0–254 8000K 255–255 3000K
10	Color Macro1	0	0–19 Open 20–21 3000K 22–23 3200K 24–25 3500K 26–27 4000K 28–29 4500K 30–31 5000K 32–33 5400K 34–35 5600K 36–37 6000K 38–39 6500K 40–41 6800K 42–43 L101 44–45 L194 46–47 L019 48–49 R08 50–51 L213 52–53 R80 54–55 L202 56–57 L328 58–59 R3314 60–61 L106 62–63 L768 64–255 RGBR Macro Effect
11	Color Wheel	0	0–127 0-360 degrees 128–134 Red (wheel slot 2) 135–141 Blue (wheel slot 3) 142–148 Green (wheel slot 4) 149–155 Pink (wheel slot 5) 156–162 Light Teal (wheel slot 6) 163–169 Orange (wheel slot 7) 170–176 Purple (wheel slot 8) 177–183 Yellow (wheel slot 9) 184–191 Open (wheel slot 1) 192–222 CW Spin 223–224 Stop 225–255 CCW Spin
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) 11–14 Gobo 1 (wheel slot 2) 15–18 Gobo 2 (wheel slot 3) 19–22 Gobo 3 (wheel slot 4) 23–26 Gobo 4 (wheel slot 5) 27–30 Gobo 5 (wheel slot 6) 31–34 Gobo 6 (wheel slot 7) 35–38 Gobo 7 (wheel slot 8) 39–42 Gobo 8 (wheel slot 9) 43–46 Gobo 9 (wheel slot 10) 47–50 Gobo 10 (wheel slot 11) 51–54 Gobo 11 (wheel slot 12) 55–58 Gobo 12 (wheel slot 13) 59–63 Gobo 1 (wheel slot 2) 64–68 Gobo 2 (wheel slot 3) 69–73 Gobo 3 (wheel slot 4) 74–78 Gobo 4 (wheel slot 5) 79–83 Gobo 5 (wheel slot 6) 84–88 Gobo 6 (wheel slot 7) 89–93 Gobo 7 (wheel slot 8) 94–98 Gobo 8 (wheel slot 9) 99–103 Gobo 9 (wheel slot 10) 104–108 Gobo 10 (wheel slot 11) 109–113 Gobo 11 (wheel slot 12) 114–118 Gobo 12 (wheel slot 13) 119–127 Open (wheel slot 1) 128–190 CW Spin 191–192 Stop 193–255 CCW Spin
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15	Gobo Rotation 2	0	0–120 0-360 degrees 121–125 Stop 126–165 Rotate Shake 166–170 Stop 171–210 CW 211–215 Stop 216–255 CCW

Standard (continued)

Ch	Function	Default	DMX values
16	Prism	0	0–10 Open 11–11 Insert Prism 12–145 0-360 degrees 146–150 Stop 151–200 Prism CW 201–205 Stop 206–255 Prism CCW
17	Frost1	0	0–10 Open 11–255 Insert Frost
18	Iris	0	0–130 Open > Close 131–171 Pulse Close 172–211 Pulse Open 212–251 Pulse Close Random 252–255 Closed
19	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Far
20	Focus1Distance	0	0–15 No Function 16–63 5m 64–111 10m 112–159 15m 160–207 20m 208–255 25m
21	Focus	128	0–127 Near 128–254 Mid 255–255 Far
22	Dimmer	0	0–254 Closed 255–255 Open
23	Dimmer Fine	0	Fine byte of Dimmer
24	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Shutter1StrobePulse 4 · Lightning 1–15 Hz 180–189 Open 190–255 Random

Standard (continued)

Ch	Function	Default	DMX values
25	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 Full Reset 211–220 P/T Reset 221–230 Color System Reset 231–240 Gobo Reset 241–250 Optics Reset 251–255 No Function