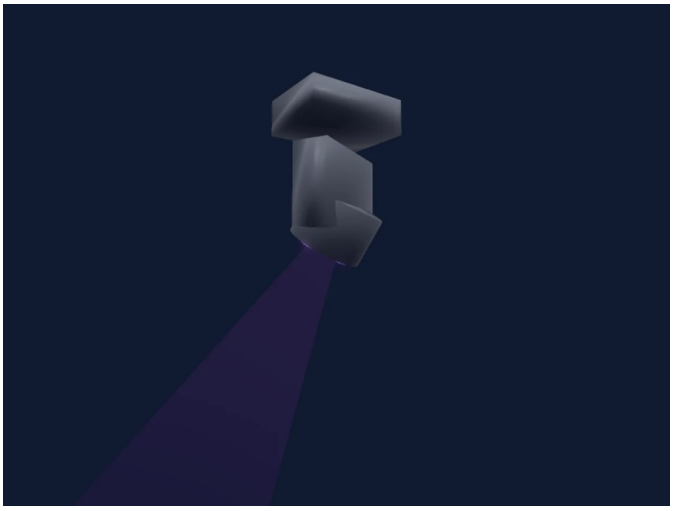
Silver Star

Pluto 2000



Manufacturer	**Silver Star**
Type	**Moving head**
DMX modes	**5**
DMX footprint	**9, 12, 13, 14, 20 channels**
Beam angle	**5-52°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**217 × 140 × 217 mm**
GDTF fixture type	**F7B1C2F4-D284-41F5-83E7-580…**

Controls

Zoom · CMY colour mixing · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Movement speed

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

Pixel	9 ch
PERSON1	12 ch
HSIC	13 ch
CMY	14 ch
PERSON2	20 ch

Pixel

9 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	Dimmer	0	0–254 Closed 255–255 Open
7	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Shutter1StrobePulse 4 · Lightning 1–25 Hz 180–189 Open 190–255 Random
8	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
9	Control1	0	0–9 No Function 10–19 P/T Blackout On 20–29 P/T Blackout Off 30–39 Fan Slow 40–49 Fan Normal 50–59 Fan Fast 60–69 Fan Auto 70–79 Auto 1 80–89 Auto 2 90–99 Custom 100–109 Test 110–119 Reset 120–129 No Function 130–139 Dim 0 140–149 Dim 1 150–159 Dim 2 160–169 Dim 3 170–179 Dim 4 180–255 No Function

PERSON1

12 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Red	255	
4	Green	255	
5	Blue	255	
6	White	0	
7	Dimmer	0	0–254 Closed 255–255 Open

PERSON1 (continued)

Ch	Function	Default	DMX values
8	Color Macro1	0	0–9 No Function 10–169 RGB Macro 170–189 All LED On 190–199 2700K 200–209 3200K 210–219 4200K 220–229 5600K 230–239 6500K 240–255 8000K
9	Effect	0	0–7 No Function 8–11 Static 1 12–15 Static 2 16–19 Static 3 20–23 Static 4 24–27 Static 5 28–31 Static 6 32–35 Static 7 36–39 Static 8 40–43 Static 9 44–47 Static 10 48–51 Static 11 52–55 Static 12 56–59 Static 13 60–63 Static 14 64–67 Static 15 68–71 Static 16 72–75 Static 17 76–79 Static 18 80–83 Static 19 84–87 Static 20 88–91 Static 21 92–95 Static 22 96–99 Static 23 100–103 Static 24 104–107 Static 25 108–111 Static 26 112–115 Static 27 116–119 Static 28 120–123 Static 29 124–127 Black 128–135 All On 136–145 Ring 1 146–155 Ring 2A 156–165 Ring 2B 166–175 Ring 2C 176–185 Ring 3A 186–195 Ring 3B 196–205 Ring 3C 206–215 Ring 3D 216–225 Ring 3E 226–235 Ring 4 236–245 Ring 5 246–255 Ring 6
10	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Shutter1StrobePulse 4 · Lightning 1–25 Hz 180–189 Open 190–255 Random
11	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide

PERSON1 (continued)

Ch	Function	Default	DMX values
12	Control1	0	0–9 No Function 10–19 P/T Blackout On 20–29 P/T Blackout Off 30–39 Fan Slow 40–49 Fan Normal 50–59 Fan Fast 60–69 Fan Auto 70–79 Auto 1 80–89 Auto 2 90–99 Custom 100–109 Test 110–119 Reset 120–129 No Function 130–139 Dim 0 140–149 Dim 1 150–159 Dim 2 160–169 Dim 3 170–179 Dim 4 180–255 No Function

HSIC

13 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	Dimmer	0	0–254 Closed 255–255 Open
7	H SBHue	0	
8	H SBHue Fine	0	Fine byte of H SBHue
9	H SBSaturation	0	
10	C TO	0	0–9 No Function 10–40 2700K 41–80 3200K 81–120 4200K 121–160 5600K 161–200 6500K 201–255 8000K
11	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Shutter1StrobePulse 4 · Lightning 1–25 Hz 180–189 Open 190–255 Random
12	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide

HSIC (continued)

Ch	Function	Default	DMX values
13	Control1	0	0–9 No Function 10–19 P/T Blackout On 20–29 P/T Blackout Off 30–39 Fan Slow 40–49 Fan Normal 50–59 Fan Fast 60–69 Fan Auto 70–79 Auto 1 80–89 Auto 2 90–99 Custom 100–109 Test 110–119 Reset 120–129 No Function 130–139 Dim 0 140–149 Dim 1 150–159 Dim 2 160–169 Dim 3 170–179 Dim 4 180–255 No Function

CMY

14 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	
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	Dimmer	0	0–254 Closed 255–255 Open
10	Color Macro1	0	0–9 No Function 10–169 RGB Macro 170–189 All LED On 190–199 2700K 200–209 3200K 210–219 4200K 220–229 5600K 230–239 6500K 240–255 8000K

CMY (continued)

Ch	Function	Default	DMX values
11	Effect	0	0–7 No Function 8–11 Static 1 12–15 Static 2 16–19 Static 3 20–23 Static 4 24–27 Static 5 28–31 Static 6 32–35 Static 7 36–39 Static 8 40–43 Static 9 44–47 Static 10 48–51 Static 11 52–55 Static 12 56–59 Static 13 60–63 Static 14 64–67 Static 15 68–71 Static 16 72–75 Static 17 76–79 Static 18 80–83 Static 19 84–87 Static 20 88–91 Static 21 92–95 Static 22 96–99 Static 23 100–103 Static 24 104–107 Static 25 108–111 Static 26 112–115 Static 27 116–119 Static 28 120–123 Static 29 124–127 Black 128–135 All On 136–145 Ring 1 146–155 Ring 2A 156–165 Ring 2B 166–175 Ring 2C 176–185 Ring 3A 186–195 Ring 3B 196–205 Ring 3C 206–215 Ring 3D 216–225 Ring 3E 226–235 Ring 4 236–245 Ring 5 246–255 Ring 6
12	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Shutter1StrobePulse 4 · Lightning 1–25 Hz 180–189 Open 190–255 Random
13	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide

CMY (continued)

Ch	Function	Default	DMX values
14	Control1	0	0–9 No Function 10–19 P/T Blackout On 20–29 P/T Blackout Off 30–39 Fan Slow 40–49 Fan Normal 50–59 Fan Fast 60–69 Fan Auto 70–79 Auto 1 80–89 Auto 2 90–99 Custom 100–109 Test 110–119 Reset 120–129 No Function 130–139 Dim 0 140–149 Dim 1 150–159 Dim 2 160–169 Dim 3 170–179 Dim 4 180–255 No Function

PERSON2

20 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	
6	Red	255	
7	Red Fine	255	Fine byte of Red
8	Green	255	
9	Green Fine	255	Fine byte of Green
10	Blue	255	
11	Blue Fine	255	Fine byte of Blue
12	White	0	
13	White Fine	0	Fine byte of White
14	Dimmer	0	0–254 Closed 255–255 Open
15	Dimmer Fine	0	Fine byte of Dimmer
16	Color Macro1	0	0–9 No Function 10–169 RGB Macro 170–189 All LED On 190–199 2700K 200–209 3200K 210–219 4200K 220–229 5600K 230–239 6500K 240–255 8000K

PERSON2 (continued)

Ch	Function	Default	DMX values
17	Effect	0	0–7 No Function 8–11 Static 1 12–15 Static 2 16–19 Static 3 20–23 Static 4 24–27 Static 5 28–31 Static 6 32–35 Static 7 36–39 Static 8 40–43 Static 9 44–47 Static 10 48–51 Static 11 52–55 Static 12 56–59 Static 13 60–63 Static 14 64–67 Static 15 68–71 Static 16 72–75 Static 17 76–79 Static 18 80–83 Static 19 84–87 Static 20 88–91 Static 21 92–95 Static 22 96–99 Static 23 100–103 Static 24 104–107 Static 25 108–111 Static 26 112–115 Static 27 116–119 Static 28 120–123 Static 29 124–127 Black 128–135 All On 136–145 Ring 1 146–155 Ring 2A 156–165 Ring 2B 166–175 Ring 2C 176–185 Ring 3A 186–195 Ring 3B 196–205 Ring 3C 206–215 Ring 3D 216–225 Ring 3E 226–235 Ring 4 236–245 Ring 5 246–255 Ring 6
18	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Shutter1StrobePulse 4 · Lightning 1–25 Hz 180–189 Open 190–255 Random
19	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide

PERSON2 (continued)

Ch	Function	Default	DMX values
20	Control1	0	0–9 No Function 10–19 P/T Blackout On 20–29 P/T Blackout Off 30–39 Fan Slow 40–49 Fan Normal 50–59 Fan Fast 60–69 Fan Auto 70–79 Auto 1 80–89 Auto 2 90–99 Custom 100–109 Test 110–119 Reset 120–129 No Function 130–139 Dim 0 140–149 Dim 1 150–159 Dim 2 160–169 Dim 3 170–179 Dim 4 180–255 No Function