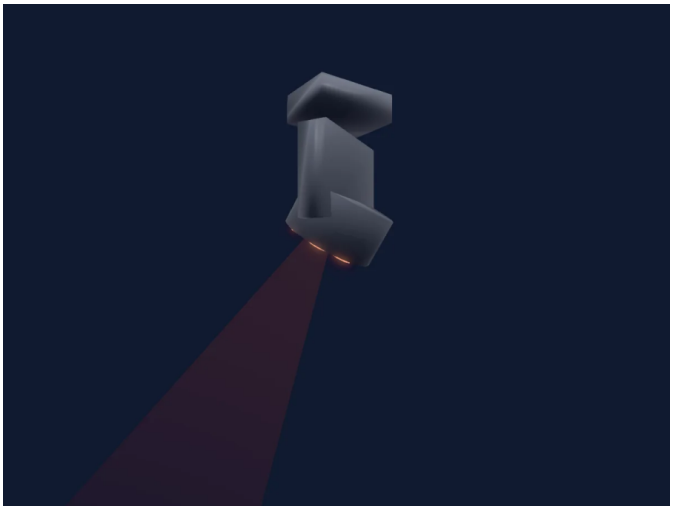
Silver Star

Pluto 4000



Manufacturer	**Silver Star**
Type	**Moving head**
DMX modes	**5**
DMX footprint	**9, 13, 14, 21 channels**
Beam angle	**5-52°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**330 × 170 × 330 mm**
GDTF fixture type	**928AA14C-E1BD-400E-8EC0-43…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

Pixel	9 ch
HSIC	13 ch
PERSON1	13 ch
CMY	14 ch
PERSON2	21 ch

Pixel

9 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	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

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	

HSIC (continued)

Ch	Function	Default	DMX values
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
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

PERSON1

13 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
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

PERSON1 (continued)

Ch	Function	Default	DMX values
9	Effect	0	0–9 No Function 10–12 Static 1 13–15 Static 2 16–18 Static 3 19–21 Static 4 22–24 Static 5 25–27 Static 6 28–30 Static 7 31–33 Static 8 34–36 Static 9 37–39 Static 10 40–42 Static 11 43–45 Static 12 46–49 Static 13 50–53 Static 14 54–57 Static 15 58–61 Static 16 62–65 Static 17 66–69 Static 18 70–73 Static 19 74–77 Static 20 78–81 Static 21 82–85 Static 22 86–89 Static 23 90–93 Static 24 94–97 Static 25 98–101 Static 26 102–105 Static 27 106–109 Static 28 110–113 Static 29 114–117 Static 30 118–121 Static 31 122–125 Static 32 126–129 Static 33 130–133 Inner Red 2700 134–137 Inner Orange 2700 138–141 Inner Yellow 2700 142–145 Inner Green 2700 146–149 Inner Cyan 2700 150–153 Inner Blue 2700 154–157 Inner Purple 2700 158–161 Inner Red 5600 162–165 Inner Orange 5600 166–169 Inner Yellow 5600 170–173 Inner Green 5600 174–177 Inner Cyan 5600 178–181 Inner Blue 5600 182–185 Inner Purple 5600 186–189 Outer Red 2700 190–193 Outer Orange 2700 194–197 Outer Yellow 2700 198–201 Outer Green 2700 202–205 Outer Cyan 2700 206–209 Outer Blue 2700 210–213 Outer Purple 2700 214–217 Outer Red 5600 218–221 Outer Orange 5600 222–225 Outer Yellow 5600 226–229 Outer Green 5600 230–233 Outer Cyan 5600 234–237 Outer Blue 5600 238–241 Outer Purple 5600 242–245 In Red Out Blue 10000 246–249 In Green Out Red 10000

PERSON1 (continued)

Ch	Function	Default	DMX values
10	Effect Speed	0	
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
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	0–9 No Function 10–12 Static 1 13–15 Static 2 16–18 Static 3 19–21 Static 4 22–24 Static 5 25–27 Static 6 28–30 Static 7 31–33 Static 8 34–36 Static 9 37–39 Static 10 40–42 Static 11 43–45 Static 12 46–49 Static 13 50–53 Static 14 54–57 Static 15 58–61 Static 16 62–65 Static 17 66–69 Static 18 70–73 Static 19 74–77 Static 20 78–81 Static 21 82–85 Static 22 86–89 Static 23 90–93 Static 24 94–97 Static 25 98–101 Static 26 102–105 Static 27 106–109 Static 28 110–113 Static 29 114–117 Static 30 118–121 Static 31 122–125 Static 32 126–129 Static 33 130–133 Inner Red 2700 134–137 Inner Orange 2700 138–141 Inner Yellow 2700 142–145 Inner Green 2700 146–149 Inner Cyan 2700 150–153 Inner Blue 2700 154–157 Inner Purple 2700 158–161 Inner Red 5600 162–165 Inner Orange 5600 166–169 Inner Yellow 5600 170–173 Inner Green 5600 174–177 Inner Cyan 5600 178–181 Inner Blue 5600 182–185 Inner Purple 5600 186–189 Outer Red 2700 190–193 Outer Orange 2700 194–197 Outer Yellow 2700 198–201 Outer Green 2700 202–205 Outer Cyan 2700 206–209 Outer Blue 2700 210–213 Outer Purple 2700 214–217 Outer Red 5600 218–221 Outer Orange 5600 222–225 Outer Yellow 5600 226–229 Outer Green 5600 230–233 Outer Cyan 5600 234–237 Outer Blue 5600 238–241 Outer Purple 5600 242–245 In Red Out Blue 10000 246–249 In Green Out Red 10000

CMY (continued)

Ch	Function	Default	DMX values
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
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

21 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

PERSON2 (continued)

Ch	Function	Default	DMX values
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	0–9 No Function 10–12 Static 1 13–15 Static 2 16–18 Static 3 19–21 Static 4 22–24 Static 5 25–27 Static 6 28–30 Static 7 31–33 Static 8 34–36 Static 9 37–39 Static 10 40–42 Static 11 43–45 Static 12 46–49 Static 13 50–53 Static 14 54–57 Static 15 58–61 Static 16 62–65 Static 17 66–69 Static 18 70–73 Static 19 74–77 Static 20 78–81 Static 21 82–85 Static 22 86–89 Static 23 90–93 Static 24 94–97 Static 25 98–101 Static 26 102–105 Static 27 106–109 Static 28 110–113 Static 29 114–117 Static 30 118–121 Static 31 122–125 Static 32 126–129 Static 33 130–133 Inner Red 2700 134–137 Inner Orange 2700 138–141 Inner Yellow 2700 142–145 Inner Green 2700 146–149 Inner Cyan 2700 150–153 Inner Blue 2700 154–157 Inner Purple 2700 158–161 Inner Red 5600 162–165 Inner Orange 5600 166–169 Inner Yellow 5600 170–173 Inner Green 5600 174–177 Inner Cyan 5600 178–181 Inner Blue 5600 182–185 Inner Purple 5600 186–189 Outer Red 2700 190–193 Outer Orange 2700 194–197 Outer Yellow 2700 198–201 Outer Green 2700 202–205 Outer Cyan 2700 206–209 Outer Blue 2700 210–213 Outer Purple 2700 214–217 Outer Red 5600 218–221 Outer Orange 5600 222–225 Outer Yellow 5600 226–229 Outer Green 5600 230–233 Outer Cyan 5600 234–237 Outer Blue 5600 238–241 Outer Purple 5600 242–245 In Red Out Blue 10000 246–249 In Green Out Red 10000

PERSON2 (continued)

Ch	Function	Default	DMX values
18	Effect Speed	0	
19	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
20	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
21	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