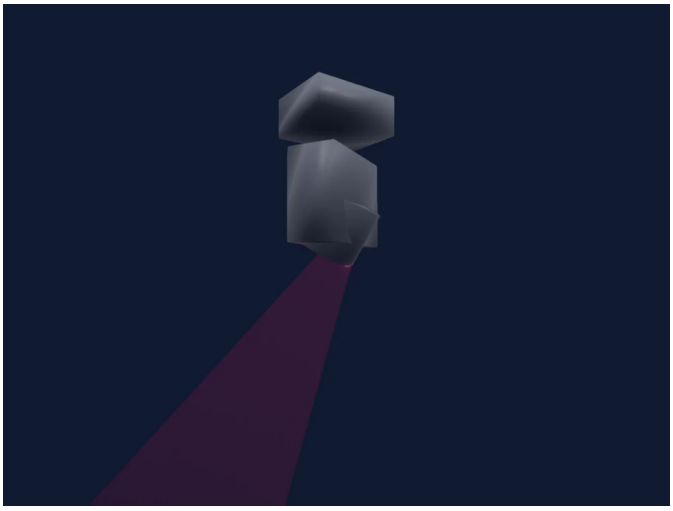
Silver Star

Pluto 800 Wash



Manufacturer	**Silver Star**
Type	**Moving head**
DMX modes	**5**
DMX footprint	**9, 13, 15, 21 channels**
Beam angle	**5-52°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**173 × 140 × 173 mm**
GDTF fixture type	**1D82D9D0-42ED-4885-A824-C5…**

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	15 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 10–19 Static 1 20–29 Static 2 30–39 Static 3 40–49 Static 4 50–59 Static 5 60–69 Static 6 70–79 Static All 80–89 Ring 1 CW 90–99 Ring 2 CCW 100–109 Red 2700K 110–119 Orange 2700K 120–129 Yellow 2700K 130–139 Green 2700K 140–149 Cyan 2700K 150–159 Blue 2700K 160–169 Magenta 2700K 170–179 Red 2700K 180–189 Red 5600K 190–199 Orange 5600K 200–209 Yellow 5600K 210–219 Green 5600K 220–229 Cyan 5600K 230–239 Blue 5600k 240–249 Magenta 5600K 250–255 Red 5600K
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

15 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
11	Effect	0	0–9 No Function 10–19 Static 1 20–29 Static 2 30–39 Static 3 40–49 Static 4 50–59 Static 5 60–69 Static 6 70–79 Static All 80–89 Ring 1 CW 90–99 Ring 2 CCW 100–109 Red 2700K 110–119 Orange 2700K 120–129 Yellow 2700K 130–139 Green 2700K 140–149 Cyan 2700K 150–159 Blue 2700K 160–169 Magenta 2700K 170–179 Red 2700K 180–189 Red 5600K 190–199 Orange 5600K 200–209 Yellow 5600K 210–219 Green 5600K 220–229 Cyan 5600K 230–239 Blue 5600k 240–249 Magenta 5600K 250–255 Red 5600K
12	Effect Speed	0	
13	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
14	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide

CMY (continued)

Ch	Function	Default	DMX values
15	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
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 10–19 Static 1 20–29 Static 2 30–39 Static 3 40–49 Static 4 50–59 Static 5 60–69 Static 6 70–79 Static All 80–89 Ring 1 CW 90–99 Ring 2 CCW 100–109 Red 2700K 110–119 Orange 2700K 120–129 Yellow 2700K 130–139 Green 2700K 140–149 Cyan 2700K 150–159 Blue 2700K 160–169 Magenta 2700K 170–179 Red 2700K 180–189 Red 5600K 190–199 Orange 5600K 200–209 Yellow 5600K 210–219 Green 5600K 220–229 Cyan 5600K 230–239 Blue 5600k 240–249 Magenta 5600K 250–255 Red 5600K
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