Silver Star

Pluto 200 Spot



Manufacturer	**Silver Star**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**17, 20 channels**
Beam angle	**10-35°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**240 × 370 × 220 mm**
GDTF fixture type	**48B002A7-428B-45DE-8C35-20…**

Controls

Focus · Frost · Iris · Prism · Zoom · Colour wheel · Strobe · Dimmer · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

Basic	17 ch
Standard	20 ch

Basic

17 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	0–254 Fast 255–255 Slow
4	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 Pink (wheel slot 5) 40–47 Light Blue (wheel slot 6) 48–55 Orange (wheel slot 7) 56–63 Purple (wheel slot 8) 64–191 0-360 Indexing 192–222 CW Spin 223–224 Stop 225–255 CCW Spin
5	Color Wheel Fine	0	Fine byte of Color Wheel
6	Gobo	0	0–10 Open (wheel slot 1) 11–17 Gobo 1 (wheel slot 2) 18–24 Gobo 2 (wheel slot 3) 25–31 Gobo 3 (wheel slot 4) 32–38 Gobo 4 (wheel slot 5) 39–45 Gobo 5 (wheel slot 6) 46–52 Gobo 6 (wheel slot 7) 53–59 Gobo 7 (wheel slot 8) 60–66 Gobo 8 (wheel slot 9) 67–73 Gobo 9 (wheel slot 10) 74–80 Gobo 10 (wheel slot 11) 81–87 Gobo 1 (wheel slot 2) 88–94 Gobo 2 (wheel slot 3) 95–101 Gobo 3 (wheel slot 4) 102–108 Gobo 4 (wheel slot 5) 109–115 Gobo 5 (wheel slot 6) 116–122 Gobo 6 (wheel slot 7) 123–129 Gobo 7 (wheel slot 8) 130–136 Gobo 8 (wheel slot 9) 137–143 Gobo 9 (wheel slot 10) 144–150 Gobo 10 (wheel slot 11) 151–199 Jumping Water Spin Fast 200–200 Jumping Water Spin Slow 201–205 Stop 206–254 Flowing Water Spin Slow 255–255 Flowing Water Spin Fast

Basic (continued)

Ch	Function	Default	DMX values
7	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 (wheel slot 1) 128–189 Flowing Water Spin Fast 190–190 Flowing Water Spin Slow 191–192 Stop 193–224 Flowing Water Spin Slow 225–255 Flowing Water Spin Fast
8	Gobo Rotation 2	0	0–120 0-360 121–125 Stop 126–165 Shake 166–170 Stop 171–210 CW 211–215 Stop 216–255 CCW
9	Prism	0	0–10 Open 11–11 Prism In 12–150 0-360 151–200 CW Prism 201–205 Stop 206–255 CCW Prism
10	Frost1	0	0–10 Open 11–255 Insert Frost
11	Iris	0	0–129 Open 130–130 Closed 131–171 Iris Pulse 172–211 Pulse Closed 212–251 Pulse Open 252–255 Closed
12	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
13	Focus1Distance	0	0–12 No Function 13–39 5m 40–66 7m 67–93 9m 94–120 11m 121–147 13m 148–174 15m 175–201 17m 202–228 19m 229–255 21m
14	Focus	0	0–127 Near 128–254 Mid 255–255 Far
15	Dimmer	0	0–254 Closed 255–255 Open

Basic (continued)

Ch	Function	Default	DMX values
16	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
17	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 4 111–120 Dim 3 121–130 Dim 2 131–140 Dim 1 141–150 Dim Off 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 Colour System Reset 231–240 Gobo Reset 241–250 Optics Reset 251–255 No function

Standard

20 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	0–254 Fast 255–255 Slow
6	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 Pink (wheel slot 5) 40–47 Light Blue (wheel slot 6) 48–55 Orange (wheel slot 7) 56–63 Purple (wheel slot 8) 64–191 0-360 Indexing 192–222 CW Spin 223–224 Stop 225–255 CCW Spin
7	Color Wheel Fine	0	Fine byte of Color Wheel

Standard (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–10 Open (wheel slot 1) 11–17 Gobo 1 (wheel slot 2) 18–24 Gobo 2 (wheel slot 3) 25–31 Gobo 3 (wheel slot 4) 32–38 Gobo 4 (wheel slot 5) 39–45 Gobo 5 (wheel slot 6) 46–52 Gobo 6 (wheel slot 7) 53–59 Gobo 7 (wheel slot 8) 60–66 Gobo 8 (wheel slot 9) 67–73 Gobo 9 (wheel slot 10) 74–80 Gobo 10 (wheel slot 11) 81–87 Gobo 1 (wheel slot 2) 88–94 Gobo 2 (wheel slot 3) 95–101 Gobo 3 (wheel slot 4) 102–108 Gobo 4 (wheel slot 5) 109–115 Gobo 5 (wheel slot 6) 116–122 Gobo 6 (wheel slot 7) 123–129 Gobo 7 (wheel slot 8) 130–136 Gobo 8 (wheel slot 9) 137–143 Gobo 9 (wheel slot 10) 144–150 Gobo 10 (wheel slot 11) 151–199 Jumping Water Spin Fast 200–200 Jumping Water Spin Slow 201–205 Stop 206–254 Flowing Water Spin Slow 255–255 Flowing Water Spin Fast
9	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 (wheel slot 1) 128–189 Flowing Water Spin Fast 190–190 Flowing Water Spin Slow 191–192 Spot 193–254 Flowing Water Spin Slow 255–255 Flowing Water Spin Fast
10	Gobo Rotation 2	0	0–120 0-360 121–125 Stop 126–165 Shake 166–170 Stop 171–210 CW 211–215 Stop 216–255 CCW
11	Prism	0	0–10 Open 11–11 Prism In 12–150 0-360 151–200 CW Prism 201–205 Stop 206–255 CCW Prism

Standard (continued)

Ch	Function	Default	DMX values
12	Frost1	0	0–10 Open 11–255 Insert Frost
13	Iris	0	0–129 Open 130–130 Closed 131–171 Iris Pulse 172–211 Pulse Closed 212–251 Pulse Open 252–255 Closed
14	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
15	Focus1Distance	0	0–12 No Function 13–39 5m 40–66 7m 67–93 9m 94–120 11m 121–147 13m 148–174 15m 175–201 17m 202–228 19m 229–255 21m
16	Focus	0	0–127 Near 128–254 Mid 255–255 Far
17	Dimmer	0	0–254 Closed 255–255 Open
18	Dimmer Fine	0	Fine byte of Dimmer
19	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
20	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 4 111–120 Dim 3 121–130 Dim 2 131–140 Dim 1 141–150 Dim Off 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 Colour System Reset 231–240 Gobo Reset 241–250 Optics Reset 251–255 No function