Silver Star

NH5



Manufacturer	**Silver Star**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**22, 26, 30 channels**
Beam angle	**7-50°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**8E7BB1D8-C02F-4315-8800-77…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

BASIC_22CH	22 ch
STANDARD_26CH	26 ch
EXTEND_30CH	30 ch

BASIC_22CH

22 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Tilt	127	
3	Position MSpeed	0	
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	
7	Color Macro1	0	0–10 NO FUNCTION 11–20 L106 21–30 L194 31–40 L019 41–50 R08 51–60 L213 61–70 R80 71–80 L202 81–90 L328 91–100 R3314 101–110 L101 111–120 L768 121–128 NO FUCNTION 129–255 MIX
8	Color Mix MSpeed	0	
9	Color Wheel	0	0–7 WHITE (wheel slot 1) 8–15 COLOR_1 (wheel slot 2) 16–23 COLOR_2 (wheel slot 3) 24–31 COLOR_3 (wheel slot 4) 32–39 COLOR_4 (wheel slot 5) 40–47 COLOR_5 (wheel slot 6) 48–55 COLOR_6 (wheel slot 7) 56–63 COLOR_7 (wheel slot 8) 64–191 WHELL 192–222 >>> 223–224 STOP 225–255 <<<
10	Gobo	0	0–10 WHITE (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 SHAKE_1 (wheel slot 2) 75–82 SHAKE_2 (wheel slot 3) 83–90 SHAKE_3 (wheel slot 4) 91–98 SHAKE_4 (wheel slot 5) 99–106 SHAKE_5 (wheel slot 6) 107–114 SHAKE_6 (wheel slot 7) 115–122 SHAKE_7 (wheel slot 8) 123–127 WHITE2 (wheel slot 1) 128–190 >>> 191–192 STOP 193–255 <<<
11	Gobo Rotation	0	0–120 0-360 121–125 STOP1 126–165 SHAKE 166–170 STOP2 171–210 >>> 211–215 STOP3 216–255 <<<

BASIC_22CH (continued)

Ch	Function	Default	DMX values
12	Gobo 2	0	0–10 WHITE (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 SHAKE_1 (wheel slot 2) 75–82 SHAKE_2 (wheel slot 3) 83–90 SHAKE_3 (wheel slot 4) 91–98 SHAKE_4 (wheel slot 5) 99–106 SHAKE_5 (wheel slot 6) 107–114 SHAKE_6 (wheel slot 7) 115–122 SHAKE_7 (wheel slot 8) 123–127 WHITE2 (wheel slot 1) 128–190 >>> 191–192 STOP 193–255 <<<
13	Gobo 3	0	0–127 OPEN (wheel slot 1) 128–255 INSERT (wheel slot 2)
14	Gobo Rotation	0	0–10 WHITE 11–127 <<< 128–138 STOP2 139–255 >>>
15	Prism	0	0–10 white (wheel slot 1) 11–145 0-360 (wheel slot 2) 146–150 stop1 (wheel slot 2) 151–200 <<< (wheel slot 2) 201–205 stop (wheel slot 2) 206–255 >>> (wheel slot 2)
16	Frost1	0	0–10 NO FUNCTION 11–255 LINEAR
17	Zoom	127	
18	Focus	127	
19	Focus2	0	0–12 NO FUCNTION 13–39 5 METER 40–66 7 METER 67–93 9 METER 94–120 11 METER 121–147 13 METER 148–174 15 METER 175–201 17 METER 202–228 19 METER 229–255 21 METER
20	Dimmer	0	
21	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM

BASIC_22CH (continued)

Ch	Function	Default	DMX values
22	Control1	0	0–10 NO FUNCTION 11–20 PT BLACK ACTIVATED 21–30 PT BLACK DEACTIVATED 31–40 PAN INVERT 41–50 TILT INVERT 51–60 PT INVERT OFF 61–70 STUDIO 71–80 POWER 81–100 LIVE 101–110 DIM4 111–120 DIM3 121–130 DIM2 131–140 DIM1 141–150 DIM0 151–160 1200HZ 161–170 2400HZ 171–180 4000HZ 181–190 6000HZ 191–200 25000HZ 201–210 ALL RESET 211–220 XY RESET 221–230 COLOR RESET 231–240 OTHER RESET 241–255 RESERVE

STANDARD_26CH

26 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	Color Macro1	0	0–10 NO FUNCTION 11–20 L106 21–30 L194 31–40 L019 41–50 R08 51–60 L213 61–70 R80 71–80 L202 81–90 L328 91–100 R3314 101–110 L101 111–120 L768 121–128 NO FUCNTION 129–255 MIX
10	Color Mix MSpeed	0	

STANDARD_26CH (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–7 WHITE (wheel slot 1) 8–15 COLOR_1 (wheel slot 2) 16–23 COLOR_2 (wheel slot 3) 24–31 COLOR_3 (wheel slot 4) 32–39 COLOR_4 (wheel slot 5) 40–47 COLOR_5 (wheel slot 6) 48–55 COLOR_6 (wheel slot 7) 56–63 COLOR_7 (wheel slot 8) 64–191 WHELL 192–222 >>> 223–224 STOP 225–255 <<<
12	Gobo	0	0–10 WHITE (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 SHAKE_1 (wheel slot 2) 75–82 SHAKE_2 (wheel slot 3) 83–90 SHAKE_3 (wheel slot 4) 91–98 SHAKE_4 (wheel slot 5) 99–106 SHAKE_5 (wheel slot 6) 107–114 SHAKE_6 (wheel slot 7) 115–122 SHAKE_7 (wheel slot 8) 123–127 WHITE2 (wheel slot 1) 128–190 >>> 191–192 STOP 193–255 <<<
13	Gobo Rotation	0	0–120 0-360 121–125 STOP1 126–165 SHAKE 166–170 STOP2 171–210 >>> 211–215 STOP3 216–255 <<<
14	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
15	Gobo 2	0	0–10 WHITE (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 SHAKE_1 (wheel slot 2) 75–82 SHAKE_2 (wheel slot 3) 83–90 SHAKE_3 (wheel slot 4) 91–98 SHAKE_4 (wheel slot 5) 99–106 SHAKE_5 (wheel slot 6) 107–114 SHAKE_6 (wheel slot 7) 115–122 SHAKE_7 (wheel slot 8) 123–127 WHITE2 (wheel slot 1) 128–190 >>> 191–192 STOP 193–255 <<<
16	Gobo 3	0	0–127 OPEN (wheel slot 1) 128–255 INSERT (wheel slot 2)

STANDARD_26CH (continued)

Ch	Function	Default	DMX values
17	Gobo Rotation	0	0–10 WHITE 11–127 <<< 128–138 STOP2 139–255 >>>
18	Prism	0	0–10 white (wheel slot 1) 11–145 0-360 (wheel slot 2) 146–150 stop1 (wheel slot 2) 151–200 <<< (wheel slot 2) 201–205 stop (wheel slot 2) 206–255 >>> (wheel slot 2)
19	Frost1	0	0–10 NO FUNCTION 11–255 LINEAR
20	Zoom	127	
21	Focus	127	
22	Focus2	0	0–12 NO FUCNTION 13–39 5 METER 40–66 7 METER 67–93 9 METER 94–120 11 METER 121–147 13 METER 148–174 15 METER 175–201 17 METER 202–228 19 METER 229–255 21 METER
23	Dimmer	0	
24	Dimmer Fine	0	Fine byte of Dimmer
25	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
26	Control1	0	0–10 NO FUNCTION 11–20 PT BLACK ACTIVATED 21–30 PT BLACK DEACTIVATED 31–40 PAN INVERT 41–50 TILT INVERT 51–60 PT INVERT OFF 61–70 STUDIO 71–80 POWER 81–100 LIVE 101–110 DIM4 111–120 DIM3 121–130 DIM2 131–140 DIM1 141–150 DIM0 151–160 1200HZ 161–170 2400HZ 171–180 4000HZ 181–190 6000HZ 191–200 25000HZ 201–210 ALL RESET 211–220 XY RESET 221–230 COLOR RESET 231–240 OTHER RESET 241–255 RESERVE

EXTEND_30CH

30 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	Color Macro1	0	0–10 NO FUNCTION 11–20 L106 21–30 L194 31–40 L019 41–50 R08 51–60 L213 61–70 R80 71–80 L202 81–90 L328 91–100 R3314 101–110 L101 111–120 L768 121–128 NO FUCNTION 129–255 MIX
10	Color Mix MSpeed	0	
11	Color Wheel	0	0–7 WHITE (wheel slot 1) 8–15 COLOR_1 (wheel slot 2) 16–23 COLOR_2 (wheel slot 3) 24–31 COLOR_3 (wheel slot 4) 32–39 COLOR_4 (wheel slot 5) 40–47 COLOR_5 (wheel slot 6) 48–55 COLOR_6 (wheel slot 7) 56–63 COLOR_7 (wheel slot 8) 64–190 WHELL 191–222 >>> 223–224 STOP 225–255 <<<
12	Color Wheel Fine	0	Fine byte of Color Wheel
13	Gobo	0	0–10 WHITE (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 SHAKE_1 (wheel slot 2) 75–82 SHAKE_2 (wheel slot 3) 83–90 SHAKE_3 (wheel slot 4) 91–98 SHAKE_4 (wheel slot 5) 99–106 SHAKE_5 (wheel slot 6) 107–114 SHAKE_6 (wheel slot 7) 115–122 SHAKE_7 (wheel slot 8) 123–127 WHITE2 (wheel slot 1) 128–190 >>> 191–192 STOP 193–255 <<<

EXTEND_30CH (continued)

Ch	Function	Default	DMX values
14	Gobo Rotation	0	0–120 0-360 121–125 STOP1 126–165 SHAKE 166–170 STOP2 171–210 >>> 211–215 STOP3 216–255 <<<
15	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
16	Gobo 2	0	0–10 WHITE (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 SHAKE_1 (wheel slot 2) 75–82 SHAKE_2 (wheel slot 3) 83–90 SHAKE_3 (wheel slot 4) 91–98 SHAKE_4 (wheel slot 5) 99–106 SHAKE_5 (wheel slot 6) 107–114 SHAKE_6 (wheel slot 7) 115–122 SHAKE_7 (wheel slot 8) 123–127 WHITE2 (wheel slot 1) 128–190 >>> 191–192 STOP 193–255 <<<
17	Gobo 3	0	0–127 OPEN (wheel slot 1) 128–255 INSERT (wheel slot 2)
18	Gobo Rotation	0	0–10 WHITE 11–127 <<< 128–138 STOP2 139–255 >>>
19	Prism	0	0–10 white (wheel slot 1) 11–145 0-360 (wheel slot 2) 146–150 stop1 (wheel slot 2) 151–200 <<< (wheel slot 2) 201–205 stop (wheel slot 2) 206–255 >>> (wheel slot 2)
20	Frost1	0	0–10 NO FUNCTION 11–255 LINEAR
21	Zoom	127	
22	Zoom Fine	255	Fine byte of Zoom
23	Focus	127	
24	Focus Fine	127	Fine byte of Focus
25	Focus2	0	0–12 NO FUNCTION 13–39 5 METER 40–66 7 METER 67–93 9 METER 94–120 11 METER 121–147 13 METER 148–174 15 METER 175–201 17 METER 202–228 19 METER 229–255 21 METER
26	Focus2 Fine	0	Fine byte of Focus2
27	Dimmer	0	

EXTEND_30CH (continued)

Ch	Function	Default	DMX values
28	Dimmer Fine	0	Fine byte of Dimmer
29	Shutter / Strobe	0	0–9 NO FUNCTION1 10–99 STROBE 100–109 NO FUNCTION2 110–179 LIGHTING strobe 1–25 Hz 180–189 NO FUNCTION3 190–255 RANDOM
30	Control1	0	0–10 NO FUNCTION 11–20 PT BLACK ACTIVATED 21–30 PT BLACK DEACTIVATED 31–40 PAN INVERT 41–50 TILT INVERT 51–60 PT INVERT OFF 61–70 STUDIO 71–80 POWER 81–100 LIVE 101–110 DIM4 111–120 DIM3 121–130 DIM2 131–140 DIM1 141–150 DIM0 151–160 1200HZ 161–170 2400HZ 171–180 4000HZ 181–190 6000HZ 191–200 25000HZ 201–210 ALL RESET 211–220 XY RESET 221–230 COLOR RESET 231–240 OTHER RESET 241–255 RESERVE