Silver Star

NL1



Manufacturer	**Silver Star**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**13, 17, 19 channels**
Beam angle	**25°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**E23C3417-88E1-40C9-9F01-1FC…**

Controls

Focus · Frost · Prism · Colour temperature · Colour wheel · Strobe · Dimmer · Movement speed · Gobos

Safety-relevant functions

Fixture reset

DMX modes

BASIC_13CH	13 ch
STANDARD_17CH	17 ch
EXTEND_19CH	19 ch

BASIC_13CH

13 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Tilt	127	
3	Position MSpeed	0	
4	C TO	0	0–10 WHTIE 11–127 CTO 128–244 WHITE 245–255 CTB
5	Color Wheel	0	0–7 WHITE (wheel slot 1) 8–10 COLOR_7 (wheel slot 2) 11–13 COLOR_7 (wheel slot 3) 14–16 COLOR_7 (wheel slot 4) 17–19 COLOR_7 (wheel slot 5) 20–22 COLOR_7 (wheel slot 6) 23–25 COLOR_7 (wheel slot 7) 26–28 COLOR_7 (wheel slot 8) 29–31 COLOR_7 (wheel slot 9) 32–34 COLOR_7 (wheel slot 10) 35–37 COLOR_7 (wheel slot 11) 38–40 COLOR_7 (wheel slot 12) 41–43 COLOR_7 (wheel slot 13) 44–46 COLOR_7 (wheel slot 14) 47–49 COLOR_7 (wheel slot 15) 50–52 COLOR_7 (wheel slot 16) 53–55 COLOR_7 (wheel slot 17) 56–58 COLOR_7 (wheel slot 18) 59–61 COLOR_7 (wheel slot 19) 62–64 COLOR_7 (wheel slot 20) 65–191 WHELL 192–222 >>> 223–224 STOP 225–255 <<<

BASIC_13CH (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–10 WHITE (wheel slot 1) 11–12 GOBO_1 (wheel slot 2) 13–14 GOBO_2 (wheel slot 3) 15–16 GOBO_3 (wheel slot 4) 17–18 GOBO_4 (wheel slot 5) 19–20 GOBO_5 (wheel slot 6) 21–22 GOBO_6 (wheel slot 7) 23–24 GOBO_7 (wheel slot 8) 25–26 GOBO_8 (wheel slot 9) 27–28 GOBO_9 (wheel slot 10) 29–30 GOBO_10 (wheel slot 11) 31–32 GOBO_11 (wheel slot 12) 33–34 GOBO_12 (wheel slot 13) 35–36 GOBO_13 (wheel slot 14) 37–38 GOBO_14 (wheel slot 15) 39–40 GOBO_15 (wheel slot 16) 41–42 GOBO_16 (wheel slot 17) 43–44 GOBO_17 (wheel slot 18) 45–46 GOBO_18 (wheel slot 19) 47–48 GOBO_19 (wheel slot 20) 49–50 GOBO_20 (wheel slot 21) 51–52 GOBO_21 (wheel slot 22) 53–54 GOBO_22 (wheel slot 23) 55–56 GOBO_23 (wheel slot 24) 57–58 GOBO_24 (wheel slot 25) 59–60 GOBO_25 (wheel slot 26) 61–62 GOBO_26 (wheel slot 27) 63–64 GOBO_27 (wheel slot 28) 65–66 GOBO_28 (wheel slot 29) 67–68 GOBO_29 (wheel slot 30) 69–72 SHAKE_1 (wheel slot 2) 73–76 SHAKE_2 (wheel slot 3) 77–80 SHAKE_3 (wheel slot 4) 81–84 SHAKE_4 (wheel slot 5) 85–88 SHAKE_5 (wheel slot 6) 89–92 SHAKE_6 (wheel slot 7) 93–96 SHAKE_7 (wheel slot 8) 97–100 SHAKE_8 (wheel slot 9) 101–104 SHAKE_9 (wheel slot 10) 105–108 SHAKE_10 (wheel slot 11) 109–112 SHAKE_11 (wheel slot 12) 113–116 SHAKE_12 (wheel slot 13) 117–120 SHAKE_13 (wheel slot 14) 121–124 SHAKE_14 (wheel slot 15) 125–128 SHAKE_15 (wheel slot 16) 129–132 SHAKE_16 (wheel slot 17) 133–136 SHAKE_17 (wheel slot 18) 137–140 SHAKE_18 (wheel slot 19) 141–144 SHAKE_19 (wheel slot 20) 145–148 SHAKE_20 (wheel slot 21) 149–152 SHAKE_21 (wheel slot 22) 153–156 SHAKE_22 (wheel slot 23) 157–160 SHAKE_23 (wheel slot 24) 161–164 SHAKE_24 (wheel slot 25) 165–168 SHAKE_25 (wheel slot 26) 169–172 SHAKE_26 (wheel slot 27) 173–176 SHAKE_27 (wheel slot 28) 177–180 SHAKE_28 (wheel slot 29) 181–184 SHAKE_29 (wheel slot 30) 185–188 WHITE2 (wheel slot 1) 189–219 >>> 220–224 STOP 225–255 <<<

BASIC_13CH (continued)

Ch	Function	Default	DMX values
7	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)
8	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)
9	Frost1	0	0–10 NO FUNCTION 11–255 LINEAR
10	Focus	127	
11	Dimmer	0	
12	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
13	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 81–90 LIVE 91–100 RESERVE 101–110 DIM4 111–120 DIM OFF 121–200 RESERVE 201–210 ALL RESET 211–220 XY RESET 221–230 COLOR RESET 231–240 FOCUS RESET 241–255 RESERVE

STANDARD_17CH

17 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	127	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Position MSpeed	0	
6	C TO	0	0–10 WHTIE 11–127 CTO 128–244 WHITE 245–255 CTB

STANDARD_17CH (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–7 WHITE (wheel slot 1) 8–10 COLOR_7 (wheel slot 2) 11–13 COLOR_7 (wheel slot 3) 14–16 COLOR_7 (wheel slot 4) 17–19 COLOR_7 (wheel slot 5) 20–22 COLOR_7 (wheel slot 6) 23–25 COLOR_7 (wheel slot 7) 26–28 COLOR_7 (wheel slot 8) 29–31 COLOR_7 (wheel slot 9) 32–34 COLOR_7 (wheel slot 10) 35–37 COLOR_7 (wheel slot 11) 38–40 COLOR_7 (wheel slot 12) 41–43 COLOR_7 (wheel slot 13) 44–46 COLOR_7 (wheel slot 14) 47–49 COLOR_7 (wheel slot 15) 50–52 COLOR_7 (wheel slot 16) 53–55 COLOR_7 (wheel slot 17) 56–58 COLOR_7 (wheel slot 18) 59–61 COLOR_7 (wheel slot 19) 62–64 COLOR_7 (wheel slot 20) 65–191 WHELL 192–222 >>> 223–224 STOP 225–255 <<<

STANDARD_17CH (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–10 WHITE (wheel slot 1) 11–12 GOBO_1 (wheel slot 2) 13–14 GOBO_2 (wheel slot 3) 15–16 GOBO_3 (wheel slot 4) 17–18 GOBO_4 (wheel slot 5) 19–20 GOBO_5 (wheel slot 6) 21–22 GOBO_6 (wheel slot 7) 23–24 GOBO_7 (wheel slot 8) 25–26 GOBO_8 (wheel slot 9) 27–28 GOBO_9 (wheel slot 10) 29–30 GOBO_10 (wheel slot 11) 31–32 GOBO_11 (wheel slot 12) 33–34 GOBO_12 (wheel slot 13) 35–36 GOBO_13 (wheel slot 14) 37–38 GOBO_14 (wheel slot 15) 39–40 GOBO_15 (wheel slot 16) 41–42 GOBO_16 (wheel slot 17) 43–44 GOBO_17 (wheel slot 18) 45–46 GOBO_18 (wheel slot 19) 47–48 GOBO_19 (wheel slot 20) 49–50 GOBO_20 (wheel slot 21) 51–52 GOBO_21 (wheel slot 22) 53–54 GOBO_22 (wheel slot 23) 55–56 GOBO_23 (wheel slot 24) 57–58 GOBO_24 (wheel slot 25) 59–60 GOBO_25 (wheel slot 26) 61–62 GOBO_26 (wheel slot 27) 63–64 GOBO_27 (wheel slot 28) 65–66 GOBO_28 (wheel slot 29) 67–68 GOBO_29 (wheel slot 30) 69–72 SHAKE_1 (wheel slot 2) 73–76 SHAKE_2 (wheel slot 3) 77–80 SHAKE_3 (wheel slot 4) 81–84 SHAKE_4 (wheel slot 5) 85–88 SHAKE_5 (wheel slot 6) 89–92 SHAKE_6 (wheel slot 7) 93–96 SHAKE_7 (wheel slot 8) 97–100 SHAKE_8 (wheel slot 9) 101–104 SHAKE_9 (wheel slot 10) 105–108 SHAKE_10 (wheel slot 11) 109–112 SHAKE_11 (wheel slot 12) 113–116 SHAKE_12 (wheel slot 13) 117–120 SHAKE_13 (wheel slot 14) 121–124 SHAKE_14 (wheel slot 15) 125–128 SHAKE_15 (wheel slot 16) 129–132 SHAKE_16 (wheel slot 17) 133–136 SHAKE_17 (wheel slot 18) 137–140 SHAKE_18 (wheel slot 19) 141–144 SHAKE_19 (wheel slot 20) 145–148 SHAKE_20 (wheel slot 21) 149–152 SHAKE_21 (wheel slot 22) 153–156 SHAKE_22 (wheel slot 23) 157–160 SHAKE_23 (wheel slot 24) 161–164 SHAKE_24 (wheel slot 25) 165–168 SHAKE_25 (wheel slot 26) 169–172 SHAKE_26 (wheel slot 27) 173–176 SHAKE_27 (wheel slot 28) 177–180 SHAKE_28 (wheel slot 29) 181–184 SHAKE_29 (wheel slot 30) 185–188 WHITE2 (wheel slot 1) 189–219 >>> 220–224 STOP 225–255 <<<

STANDARD_17CH (continued)

Ch	Function	Default	DMX values
9	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)
10	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)
11	Frost1	0	0–10 NO FUNCTION 11–255 LINEAR
12	Focus	127	
13	Focus Fine	127	Fine byte of Focus
14	Dimmer	0	
15	Dimmer Fine	0	Fine byte of Dimmer
16	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
17	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 81–90 LIVE 91–100 RESERVE 101–110 DIM4 111–120 DIM OFF 121–200 RESERVE 201–210 ALL RESET 211–220 XY RESET 221–230 COLOR RESET 231–240 FOCUS RESET 241–255 RESERVE

EXTEND_19CH

19 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	127	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Position MSpeed	0	
6	C TO	0	0–10 WHTIE 11–127 CTO 128–244 WHITE 245–255 CTB

EXTEND_19CH (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–7 WHITE (wheel slot 1) 8–10 COLOR_7 (wheel slot 2) 11–13 COLOR_7 (wheel slot 3) 14–16 COLOR_7 (wheel slot 4) 17–19 COLOR_7 (wheel slot 5) 20–22 COLOR_7 (wheel slot 6) 23–25 COLOR_7 (wheel slot 7) 26–28 COLOR_7 (wheel slot 8) 29–31 COLOR_7 (wheel slot 9) 32–34 COLOR_7 (wheel slot 10) 35–37 COLOR_7 (wheel slot 11) 38–40 COLOR_7 (wheel slot 12) 41–43 COLOR_7 (wheel slot 13) 44–46 COLOR_7 (wheel slot 14) 47–49 COLOR_7 (wheel slot 15) 50–52 COLOR_7 (wheel slot 16) 53–55 COLOR_7 (wheel slot 17) 56–58 COLOR_7 (wheel slot 18) 59–61 COLOR_7 (wheel slot 19) 62–64 COLOR_7 (wheel slot 20) 65–191 WHELL 192–222 >>> 223–224 STOP 225–255 <<<
8	Color Wheel Fine	0	Fine byte of Color Wheel

EXTEND_19CH (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–10 WHITE (wheel slot 1) 11–12 GOBO_1 (wheel slot 2) 13–14 GOBO_2 (wheel slot 3) 15–16 GOBO_3 (wheel slot 4) 17–18 GOBO_4 (wheel slot 5) 19–20 GOBO_5 (wheel slot 6) 21–22 GOBO_6 (wheel slot 7) 23–24 GOBO_7 (wheel slot 8) 25–26 GOBO_8 (wheel slot 9) 27–28 GOBO_9 (wheel slot 10) 29–30 GOBO_10 (wheel slot 11) 31–32 GOBO_11 (wheel slot 12) 33–34 GOBO_12 (wheel slot 13) 35–36 GOBO_13 (wheel slot 14) 37–38 GOBO_14 (wheel slot 15) 39–40 GOBO_15 (wheel slot 16) 41–42 GOBO_16 (wheel slot 17) 43–44 GOBO_17 (wheel slot 18) 45–46 GOBO_18 (wheel slot 19) 47–48 GOBO_19 (wheel slot 20) 49–50 GOBO_20 (wheel slot 21) 51–52 GOBO_21 (wheel slot 22) 53–54 GOBO_22 (wheel slot 23) 55–56 GOBO_23 (wheel slot 24) 57–58 GOBO_24 (wheel slot 25) 59–60 GOBO_25 (wheel slot 26) 61–62 GOBO_26 (wheel slot 27) 63–64 GOBO_27 (wheel slot 28) 65–66 GOBO_28 (wheel slot 29) 67–68 GOBO_29 (wheel slot 30) 69–72 SHAKE_1 (wheel slot 2) 73–76 SHAKE_2 (wheel slot 3) 77–80 SHAKE_3 (wheel slot 4) 81–84 SHAKE_4 (wheel slot 5) 85–88 SHAKE_5 (wheel slot 6) 89–92 SHAKE_6 (wheel slot 7) 93–96 SHAKE_7 (wheel slot 8) 97–100 SHAKE_8 (wheel slot 9) 101–104 SHAKE_9 (wheel slot 10) 105–108 SHAKE_10 (wheel slot 11) 109–112 SHAKE_11 (wheel slot 12) 113–116 SHAKE_12 (wheel slot 13) 117–120 SHAKE_13 (wheel slot 14) 121–124 SHAKE_14 (wheel slot 15) 125–128 SHAKE_15 (wheel slot 16) 129–132 SHAKE_16 (wheel slot 17) 133–136 SHAKE_17 (wheel slot 18) 137–140 SHAKE_18 (wheel slot 19) 141–144 SHAKE_19 (wheel slot 20) 145–148 SHAKE_20 (wheel slot 21) 149–152 SHAKE_21 (wheel slot 22) 153–156 SHAKE_22 (wheel slot 23) 157–160 SHAKE_23 (wheel slot 24) 161–164 SHAKE_24 (wheel slot 25) 165–168 SHAKE_25 (wheel slot 26) 169–172 SHAKE_26 (wheel slot 27) 173–176 SHAKE_27 (wheel slot 28) 177–180 SHAKE_28 (wheel slot 29) 181–184 SHAKE_29 (wheel slot 30) 185–188 WHITE2 (wheel slot 1) 189–219 >>> 220–224 STOP 225–255 <<<

EXTEND_19CH (continued)

Ch	Function	Default	DMX values
10	Gobo Fine	0	Fine byte of Gobo
11	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)
12	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)
13	Frost1	0	0–10 NO FUNCTION 11–255 LINEAR
14	Focus	127	
15	Focus Fine	127	Fine byte of Focus
16	Dimmer	0	
17	Dimmer Fine	0	Fine byte of Dimmer
18	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
19	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 81–90 LIVE 91–100 RESERVE 101–110 DIM4 111–120 DIM OFF 121–200 RESERVE 201–210 ALL RESET 211–220 XY RESET 221–230 COLOR RESET 231–240 FOCUS RESET 241–255 RESERVE