Silver Star

M3-MoomLite 80 HEX-SS5221XH



Manufacturer	**Silver Star**
Type	**Effect light**
DMX modes	**5**
DMX footprint	**7, 8, 13, 20 channels**
Beam angle	**25°**
Size (W × H × D)	**253 × 260 × 45 mm**
GDTF fixture type	**49F5C381-31E5-493C-8E88-79F…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

HSIC	7 ch
CMY	8 ch
SSP	8 ch
TOUR	13 ch
TR16	20 ch

HSIC

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	H SBHue	0	
3	H SBHue Fine	0	Fine byte of H SBHue
4	H SBSaturation	0	
5	C TC	0	0–9 NO FUNCTION 10–24 1800K 25–39 2200K 40–54 2700K 55–84 3000K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K
6	Shutter / Strobe	0	0–9 NO FUNCTION 10–99 STROBE FROM SLOD TO FAST 100–109 NO FUNCTION 110–179 THUNDER STROBE 180–189 NO FUNCTION 190–255 RANDOM STROBE
7	Control1	0	0–10 NO FUNCTION 11–100 RESERVED 101–110 DIMMER OFF 111–120 DIMMER DIM4 121–150 RESERVED 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 ALL RESET 211–255 RESERVED

CMY

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Cyan	0	
3	Magenta	0	
4	Yellow	0	

CMY (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–4 NO FUNCTION (wheel slot 1) 5–9 L176 (wheel slot 2) 10–14 R40 (wheel slot 3) 15–19 L24 (wheel slot 4) 20–25 L164 (wheel slot 5) 26–30 L747 (wheel slot 6) 31–35 R303 (wheel slot 7) 36–40 L08 (wheel slot 8) 41–45 L25 (wheel slot 9) 46–50 L04 (wheel slot 10) 51–55 L237 (wheel slot 11) 56–60 R321 (wheel slot 12) 61–66 L652 (wheel slot 13) 67–71 L212 (wheel slot 14) 72–76 L765 (wheel slot 15) 77–81 L513 (wheel slot 16) 82–86 L100 (wheel slot 17) 87–91 L244 (wheel slot 18) 92–96 R4430 (wheel slot 19) 97–101 L122 (wheel slot 20) 102–107 L90 (wheel slot 21) 108–112 L243 (wheel slot 22) 113–117 R92 (wheel slot 23) 118–122 R94 (wheel slot 24) 123–127 L327 (wheel slot 25) 128–132 L191 (wheel slot 26) 133–137 L728 (wheel slot 27) 138–142 L117 (wheel slot 28) 143–147 L354 (wheel slot 29) 148–153 L53 (wheel slot 30) 154–158 L501 (wheel slot 31) 159–163 L174 (wheel slot 32) 164–168 L165 (wheel slot 33) 169–173 L136 (wheel slot 34) 174–178 L194 (wheel slot 35) 179–183 L142 (wheel slot 36) 184–188 L700 (wheel slot 37) 189–194 L35 (wheel slot 38) 195–199 L794 (wheel slot 39) 200–204 L328 (wheel slot 40) 205–209 L795 (wheel slot 41) 210–214 L154 (wheel slot 42) 215–219 L127 (wheel slot 43) 220–224 L192 (wheel slot 44) 225–229 L332 (wheel slot 45) 230–235 L790 (wheel slot 46) 236–240 L157 (wheel slot 47) 241–245 R332 (wheel slot 48) 246–250 L128 (wheel slot 49) 251–255 NO FUNCTION 1 (wheel slot 50)

CMY (continued)

Ch	Function	Default	DMX values
6	C TC	0	0–9 NO FUNCTION 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K
7	Shutter / Strobe	0	0–9 NO FUNCTION 10–99 STROBE FROM SLOD TO FAST 100–109 NO FUNCTION 110–179 THUNDER STROBE 180–189 NO FUNCTION 190–255 RANDOM STROBE
8	Control1	0	0–10 NO FUNCTION 11–60 RESERVED 61–70 LIVE 71–80 STUDIO 81–90 POWER 91–100 RESERVED 101–110 DIMMER OFF 111–120 DIMMER DIM4 121–150 RESERVED 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 RESET 211–255 RESERVED

SSP

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Color RGBRed	255	
3	Color RGBGreen	255	
4	Color RGBBlue	255	
5	Color Add RY	0	
6	Color Add GY	0	
7	Color RGBCyan	0	
8	Shutter / Strobe	0	0–9 NO FUNCTION 10–99 STROBE FROM SLOD TO FAST 100–109 NO FUNCTION 110–179 THUNDER STROBE 180–189 NO FUNCTION 190–255 RANDOM STROBE

TOUR

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Color RGBRed	255	
3	Color RGBGreen	255	
4	Color RGBBlue	255	
5	Color Add RY	0	
6	Color Add GY	0	
7	Color RGBCyan	0	
8	Color Wheel	0	0–4 NO FUNCTION (wheel slot 1) 5–9 L176 (wheel slot 2) 10–14 R40 (wheel slot 3) 15–19 L24 (wheel slot 4) 20–25 L164 (wheel slot 5) 26–30 L747 (wheel slot 6) 31–35 R303 (wheel slot 7) 36–40 L08 (wheel slot 8) 41–45 L25 (wheel slot 9) 46–50 L04 (wheel slot 10) 51–55 L237 (wheel slot 11) 56–60 R321 (wheel slot 12) 61–66 L652 (wheel slot 13) 67–71 L212 (wheel slot 14) 72–76 L765 (wheel slot 15) 77–81 L513 (wheel slot 16) 82–86 L100 (wheel slot 17) 87–91 L244 (wheel slot 18) 92–96 R4430 (wheel slot 19) 97–101 L122 (wheel slot 20) 102–107 L90 (wheel slot 21) 108–112 L243 (wheel slot 22) 113–117 R92 (wheel slot 23) 118–122 R94 (wheel slot 24) 123–127 L327 (wheel slot 25) 128–132 L191 (wheel slot 26) 133–137 L728 (wheel slot 27) 138–142 L117 (wheel slot 28) 143–147 L354 (wheel slot 29) 148–153 L53 (wheel slot 30) 154–158 L501 (wheel slot 31) 159–163 L174 (wheel slot 32) 164–168 L165 (wheel slot 33) 169–173 L136 (wheel slot 34) 174–178 L194 (wheel slot 35) 179–183 L142 (wheel slot 36) 184–188 L700 (wheel slot 37) 189–194 L35 (wheel slot 38) 195–199 L794 (wheel slot 39) 200–204 L328 (wheel slot 40) 205–209 L795 (wheel slot 41) 210–214 L154 (wheel slot 42) 215–219 L127 (wheel slot 43) 220–224 L192 (wheel slot 44) 225–229 L332 (wheel slot 45) 230–235 L790 (wheel slot 46) 236–240 L157 (wheel slot 47) 241–245 R332 (wheel slot 48) 246–250 L128 (wheel slot 49) 251–255 NO FUNCTION 1 (wheel slot 50)

TOUR (continued)

Ch	Function	Default	DMX values
9	C TC	0	0–9 NO FUNCTION 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K
10	Effect	0	0–40 NO FUNCTION 41–50 AUTO 1 51–60 AUTO 2 61–70 AUTO 3 71–80 AUTO 4 81–90 AUTO 5 91–100 AUTO 6 101–110 AUTO 7 111–120 AUTO 8 121–130 AUTO 9 131–140 AUTO 10 141–150 PROGRAM 1 151–160 PROGRAM 2 161–255 MO FUMCTION
11	Effect Speed	0	
12	Shutter / Strobe	0	0–9 NO FUNCTION 10–99 STROBE FROM SLOD TO FAST 100–109 NO FUNCTION 110–179 THUNDER STROBE 180–189 NO FUNCTION 190–255 RANDOM STROBE
13	Control1	0	0–10 NO FUNCTION 11–60 RESERVED 61–70 LIVE 71–80 STUDIO 81–90 POWER 91–100 RESERVED 101–110 DIMMER OFF 111–120 DIMMER DIM4 121–150 RESERVED 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 RESET 211–255 RESERVED

TR16

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Color RGBRed	255	

TR16 (continued)

Ch	Function	Default	DMX values
4	Color RGBRed Fine	255	Fine byte of Color RGBRed
5	Color RGBGreen	255	
6	Color RGBGreen Fine	255	Fine byte of Color RGBGreen
7	Color RGBBlue	255	
8	Color RGBBlue Fine	255	Fine byte of Color RGBBlue
9	Color Add RY	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	Color Add GY	0	
12	Color Add GY Fine	0	Fine byte of Color Add GY
13	Color RGBCyan	0	
14	Color RGBCyan Fine	0	Fine byte of Color RGBCyan

TR16 (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–4 NO FUNCTION (wheel slot 1) 5–9 L176 (wheel slot 2) 10–14 R40 (wheel slot 3) 15–19 L24 (wheel slot 4) 20–25 L164 (wheel slot 5) 26–30 L747 (wheel slot 6) 31–35 R303 (wheel slot 7) 36–40 L08 (wheel slot 8) 41–45 L25 (wheel slot 9) 46–50 L04 (wheel slot 10) 51–55 L237 (wheel slot 11) 56–60 R321 (wheel slot 12) 61–66 L652 (wheel slot 13) 67–71 L212 (wheel slot 14) 72–76 L765 (wheel slot 15) 77–81 L513 (wheel slot 16) 82–86 L100 (wheel slot 17) 87–91 L244 (wheel slot 18) 92–96 R4430 (wheel slot 19) 97–101 L122 (wheel slot 20) 102–107 L90 (wheel slot 21) 108–112 L243 (wheel slot 22) 113–117 R92 (wheel slot 23) 118–122 R94 (wheel slot 24) 123–127 L327 (wheel slot 25) 128–132 L191 (wheel slot 26) 133–137 L728 (wheel slot 27) 138–142 L117 (wheel slot 28) 143–147 L354 (wheel slot 29) 148–153 L53 (wheel slot 30) 154–158 L501 (wheel slot 31) 159–163 L174 (wheel slot 32) 164–168 L165 (wheel slot 33) 169–173 L136 (wheel slot 34) 174–178 L194 (wheel slot 35) 179–183 L142 (wheel slot 36) 184–188 L700 (wheel slot 37) 189–194 L35 (wheel slot 38) 195–199 L794 (wheel slot 39) 200–204 L328 (wheel slot 40) 205–209 L795 (wheel slot 41) 210–214 L154 (wheel slot 42) 215–219 L127 (wheel slot 43) 220–224 L192 (wheel slot 44) 225–229 L332 (wheel slot 45) 230–235 L790 (wheel slot 46) 236–240 L157 (wheel slot 47) 241–245 R332 (wheel slot 48) 246–250 L128 (wheel slot 49) 251–255 NO FUNCTION 1 (wheel slot 50)

TR16 (continued)

Ch	Function	Default	DMX values
16	C TC	0	0–9 NO FUNCTION 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K
17	Effect	0	0–40 NO FUNCTION 41–50 AUTO 1 51–60 AUTO 2 61–70 AUTO 3 71–80 AUTO 4 81–90 AUTO 5 91–100 AUTO 6 101–110 AUTO 7 111–120 AUTO 8 121–130 AUTO 9 131–140 AUTO 10 141–150 PROGRAM 1 151–160 PROGRAM 2 161–255 MO FUMCTION
18	Effect Speed	0	
19	Shutter / Strobe	0	0–9 NO FUNCTION 10–99 STROBE FROM SLOD TO FAST 100–109 NO FUNCTION 110–179 THUNDER STROBE 180–189 NO FUNCTION 190–255 RANDOM STROBE
20	Control1	0	0–10 NO FUNCTION 11–100 RESERVED 101–110 DIMMER OFF 111–120 DIMMER DIM4 121–150 RESERVED 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 ALL RESET 211–255 RESERVED