LIGHT SKY

SUPER SCOPE AQUA



Manufacturer	**LIGHT SKY**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**41, 53 channels**
Beam angle	**3.8-50°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**45523386-94F4-4F1B-8990-736…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe

DMX modes

41CH	41 ch
53CH	53 ch

41CH

41 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	Control1	0	0–10 No Function 11–20 All Reset 21–30 P/T Reset 31–40 Color Reset 41–50 Gobo Reset 51–60 Profile Reset 61–70 Focus Reset 71–80 Fan Silent 81–90 Fan Standard 91–100 Fan HighOutput 101–110 Effect Reset 111–115 LED 1000Hz 116–120 LED 3600Hz 121–125 LED 7200Hz 126–130 LED 25000Hz 131–135 Dim Linear 136–140 Dim Square 141–145 Dim Inv-Square 146–150 Dim S-Curve 151–155 Zoom Invert 156–160 Zoom Forward 161–165 DMX State Black 166–170 DMX State Hold 171–175 Dis Blink Always 176–180 Dis Blink Auto 181–185 CMY Standard 186–190 CMY Fast 191–200 Function Open 201–205 P/T Standard 206–210 P/T Fast 211–215 P/T Precise 216–220 Dim Normal 221–225 Dim Speed 1 226–230 Dim Speed 2 231–235 Dim Speed 3 236–240 Gobo Rot Way 1 241–245 Gobo Rot Way 2 246–250 FX Auto Focus On 251–255 FX Auto Focus Off
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	C TO	0	
11	Color Wheel	0	90–100 Open (wheel slot 1) 101–111 CRI (wheel slot 2) 112–122 Lavender (wheel slot 3) 123–133 Blue (wheel slot 4) 134–144 Green (wheel slot 5) 145–155 Orange (wheel slot 6) 156–166 Cyan (wheel slot 7) 167–179 Red (wheel slot 8) 180–214 >>> 215–249 <<< 250–255 Random

41CH (continued)

Ch	Function	Default	DMX values
12	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–87 Gobo 1 Shake (wheel slot 2) 88–95 Gobo 2 Shake (wheel slot 3) 96–103 Gobo 3 Shake (wheel slot 4) 104–111 Gobo 4 Shake (wheel slot 5) 112–119 Gobo 5 Shake (wheel slot 6) 120–127 Gobo 6 Shake (wheel slot 7) 128–135 Gobo 7 Shake (wheel slot 8) 136–139 Open (wheel slot 1) 140–194 >>> 195–249 <<< 250–255 Random
13	Gobo Rotation	128	
14	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–87 Gobo 1 Shake (wheel slot 2) 88–95 Gobo 2 Shake (wheel slot 3) 96–103 Gobo 3 Shake (wheel slot 4) 104–111 Gobo 4 Shake (wheel slot 5) 112–119 Gobo 5 Shake (wheel slot 6) 120–127 Gobo 6 Shake (wheel slot 7) 128–135 Gobo 7 Shake (wheel slot 8) 136–139 Open (wheel slot 1) 140–194 >>> 195–249 <<< 250–255 Random
15	Blade2A	0	
16	Blade2B	0	
17	Blade1A	0	
18	Blade1B	0	
19	Blade4A	0	
20	Blade4B	0	
21	Blade3A	0	
22	Blade3B	0	
23	Shaper Rot	127	

41CH (continued)

Ch	Function	Default	DMX values
24	Shaper Macros	0	0–10 No Function 11–20 Macro 1 21–30 Macro 2 31–40 Macro 3 41–50 Macro 4 51–60 Macro 5 61–70 Macro 6 71–80 Macro 7 81–90 Macro 8 91–100 Macro 9 101–110 Macro 10 111–120 Macro 11 121–130 Macro 12 131–140 Macro 13 141–150 Macro 14 151–160 Macro 15 161–170 Macro 16 171–180 Macro 17 181–190 Macro 18 191–200 Macro 19 201–255 Macro 20
25	Shaper Macros Zoom	0	
26	Prism	0	0–10 Closed 11–100 Prism 1 (wheel slot 1) 101–255 Prism 2 (wheel slot 2)
27	Prism Rotation	0	0–63 No Function 64–127 >>> 128–191 <<< 192–207 90<> 208–223 180<> 224–239 270<> 240–255 360<>
28	Animation Wheel1	0	0–9 Closed 10–255 Animation
29	Animation Wheel1Pos	0	0–2 No Function 3–130 >>> 131–255 <<<
30	Frost1	0	0–10 Closed 11–100 Frost 1 101–255 Frost 2
31	Iris	0	0–126 Max 127–127 Min 128–158 PulseClose Slow 159–159 PulseClose Fast 160–190 PulseOpen Slow 191–191 PulseOpen Fast 192–254 Strobe Slow 255–255 Strobe Fast
32	Zoom	127	
33	Zoom Fine	255	Fine byte of Zoom
34	Focus	127	
35	Focus Fine	255	Fine byte of Focus

41CH (continued)

Ch	Function	Default	DMX values
36	Focus1Distance	0	0–9 No Function 10–19 7M 20–29 10M 30–39 15M 40–49 20M 50–59 25M 60–69 30M 70–79 40M 80–255 50M
37	Focus2	0	
38	Shutter / Strobe	0	0–9 Open 10–49 PulseOpen 50–89 PulseClose 90–119 Open 120–179 Random 180–255 Strobe
39	Dimmer	0	0–254 Closed 255–255 Open
40	Dimmer Fine	0	Fine byte of Dimmer
41	Gobo Macro	0	

53CH

53 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	

53CH (continued)

Ch	Function	Default	DMX values
6	Control1	0	0–10 No Function 11–20 All Reset 21–30 P/T Reset 31–40 Color Reset 41–50 Gobo Reset 51–60 Profile Reset 61–70 Focus Reset 71–80 Fan Silent 81–90 Fan Standard 91–100 Fan HighOutput 101–110 Effect Reset 111–115 LED 1000Hz 116–120 LED 3600Hz 121–125 LED 7200Hz 126–130 LED 25000Hz 131–135 Dim Linear 136–140 Dim Square 141–145 Dim Inv-Square 146–150 Dim S-Curve 151–155 Zoom Invert 156–160 Zoom Forward 161–165 DMX State Black 166–170 DMX State Hold 171–175 Dis Blink Always 176–180 Dis Blink Auto 181–185 CMY Standard 186–190 CMY Fast 191–200 Function Open 201–205 P/T Standard 206–210 P/T Fast 211–215 P/T Precise 216–220 Dim Normal 221–225 Dim Speed 1 226–230 Dim Speed 2 231–235 Dim Speed 3 236–240 Gobo Rot Way 1 241–245 Gobo Rot Way 2 246–250 FX Auto Focus On 251–255 FX Auto Focus Off
7	Cyan	0	
8	Cyan Fine	0	Fine byte of Cyan
9	Magenta	0	
10	Magenta Fine	0	Fine byte of Magenta
11	Yellow	0	
12	Yellow Fine	0	Fine byte of Yellow
13	C TO	0	
14	C TO Fine	0	Fine byte of C TO
15	Color Wheel	0	90–100 Open (wheel slot 1) 101–111 CRI (wheel slot 2) 112–122 Lavender (wheel slot 3) 123–133 Blue (wheel slot 4) 134–144 Green (wheel slot 5) 145–155 Orange (wheel slot 6) 156–166 Cyan (wheel slot 7) 167–179 Red (wheel slot 8) 180–214 >>> 215–249 <<< 250–255 Random

53CH (continued)

Ch	Function	Default	DMX values
16	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–87 Gobo 1 Shake (wheel slot 2) 88–95 Gobo 2 Shake (wheel slot 3) 96–103 Gobo 3 Shake (wheel slot 4) 104–111 Gobo 4 Shake (wheel slot 5) 112–119 Gobo 5 Shake (wheel slot 6) 120–127 Gobo 6 Shake (wheel slot 7) 128–135 Gobo 7 Shake (wheel slot 8) 136–139 Open (wheel slot 1) 140–194 >>> 195–249 <<< 250–255 Random
17	Gobo Rotation	128	
18	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–87 Gobo 1 Shake (wheel slot 2) 88–95 Gobo 2 Shake (wheel slot 3) 96–103 Gobo 3 Shake (wheel slot 4) 104–111 Gobo 4 Shake (wheel slot 5) 112–119 Gobo 5 Shake (wheel slot 6) 120–127 Gobo 6 Shake (wheel slot 7) 128–135 Gobo 7 Shake (wheel slot 8) 136–139 Open (wheel slot 1) 140–194 >>> 195–249 <<< 250–255 Random
19	Blade2A	0	
20	Blade2A Fine	0	Fine byte of Blade2A
21	Blade2B	0	
22	Blade2B Fine	0	Fine byte of Blade2B
23	Blade1A	0	
24	Blade1A Fine	0	Fine byte of Blade1A
25	Blade1B	0	
26	Blade1B Fine	0	Fine byte of Blade1B
27	Blade4A	0	
28	Blade4A Fine	0	Fine byte of Blade4A
29	Blade4B	0	
30	Blade4B Fine	0	Fine byte of Blade4B
31	Blade3A	0	
32	Blade3A Fine	0	Fine byte of Blade3A
33	Blade3B	0	
34	Blade3B Fine	0	Fine byte of Blade3B

53CH (continued)

Ch	Function	Default	DMX values
35	Shaper Rot	127	
36	Shaper Macros	0	0–10 No Function 11–20 Macro 1 21–30 Macro 2 31–40 Macro 3 41–50 Macro 4 51–60 Macro 5 61–70 Macro 6 71–80 Macro 7 81–90 Macro 8 91–100 Macro 9 101–110 Macro 10 111–120 Macro 11 121–130 Macro 12 131–140 Macro 13 141–150 Macro 14 151–160 Macro 15 161–170 Macro 16 171–180 Macro 17 181–190 Macro 18 191–200 Macro 19 201–255 Macro 20
37	Shaper Macros Zoom	0	
38	Prism	0	0–10 Closed 11–100 Prism 1 (wheel slot 1) 101–255 Prism 2 (wheel slot 2)
39	Prism Rotation	0	0–63 No Function 64–127 >>> 128–191 << 192–207 90<> 208–223 180> 224–239 270> 240–255 360><
40	Animation Wheel1	0	0–9 Closed 10–255 Animation
41	Animation Wheel1Pos	0	0–2 No Function 3–130 >>> 131–255 <<<
42	Frost1	0	0–10 Closed 11–100 Frost 1 101–255 Frost 2
43	Iris	0	0–126 Max 127–127 Min 128–158 PulseClose Slow 159–159 PulseClose Fast 160–190 PulseOpen Slow 191–191 PulseOpen Fast 192–254 Strobe Slow 255–255 Strobe Fast
44	Zoom	127	
45	Zoom Fine	255	Fine byte of Zoom
46	Focus	127	
47	Focus Fine	255	Fine byte of Focus

53CH (continued)

Ch	Function	Default	DMX values
48	Focus1Distance	0	0–9 No Function 10–19 7M 20–29 10M 30–39 15M 40–49 20M 50–59 25M 60–69 30M 70–79 40M 80–255 50M
49	Focus2	0	
50	Shutter / Strobe	0	0–9 Open 10–49 PulseOpen 50–89 PulseClose 90–119 Open 120–179 Random 180–255 Strobe
51	Dimmer	0	0–254 Closed 255–255 Open
52	Dimmer Fine	0	Fine byte of Dimmer
53	Gobo Macro	0	