LIGHT SKY

IP520



Manufacturer	**LIGHT SKY**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**21 channels**
Beam angle	**0.8°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**338 × 489 × 292 mm**
GDTF fixture type	**B9DF976F-80C3-4D6A-9EFA-8A…**

Controls

Focus · Frost · Prism · Prism rotation · Extra LED colours · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

21CH — 21 ch

21CH

21 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	
6	Control1	0	0–49 On Function 50–54 XY Normal mode 55–59 XY Fast mode 60–129 XY Precise mode 130–139 Lamp On 140–149 Pan/Tilt reset 150–159 Head motor reset 160–229 Total reset 230–255 Lamp Off
7	Color Add C	0	
8	Color Add M	0	
9	Color Add Y	0	
10	Color Wheel	0	0–8 Open (wheel slot 1) 9–17 Red (wheel slot 2) 18–25 Orange (wheel slot 3) 26–34 Aquamarine (wheel slot 4) 35–42 Green (wheel slot 5) 43–51 Light Green (wheel slot 6) 52–59 Lavender (wheel slot 7) 60–68 Pink (wheel slot 8) 69–76 Yellow (wheel slot 9) 77–85 Magenta (wheel slot 10) 86–93 Cyan (wheel slot 11) 94–102 CTO 260 (wheel slot 12) 103–110 CTO 190 (wheel slot 13) 111–119 CTB 8000 (wheel slot 14) 120–127 Blue (wheel slot 15) 128–191 >>> 192–255 <<<

21CH (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–3 Open (wheel slot 1) 4–8 Gobo 1 (wheel slot 2) 9–13 Gobo 2 (wheel slot 3) 14–18 Gobo 3 (wheel slot 4) 19–23 Gobo 4 (wheel slot 5) 24–28 Gobo 5 (wheel slot 6) 29–33 Gobo 6 (wheel slot 7) 34–38 Gobo 7 (wheel slot 8) 39–43 Gobo 8 (wheel slot 9) 44–48 Gobo 9 (wheel slot 10) 49–53 Gobo 10 (wheel slot 11) 54–58 Gobo 11 (wheel slot 12) 59–63 Gobo 12 (wheel slot 13) 64–68 Gobo 13 (wheel slot 14) 69–73 Gobo 14 (wheel slot 15) 74–78 Gobo 15 (wheel slot 16) 79–83 Gobo 16 (wheel slot 17) 84–88 Gobo 17 (wheel slot 18) 89–95 **Gobo 1** (wheel slot 2) 96–102 **Gobo 2** (wheel slot 3) 103–109 **Gobo 3** (wheel slot 4) 110–116 **Gobo 4** (wheel slot 5) 117–123 **Gobo 5** (wheel slot 6) 124–130 **Gobo 6** (wheel slot 7) 131–137 **Gobo 7** (wheel slot 8) 138–144 **Gobo 8** (wheel slot 9) 145–151 **Gobo 9** (wheel slot 10) 152–158 **Gobo 10** (wheel slot 11) 159–165 **Gobo 11** (wheel slot 12) 166–172 **Gobo 12** (wheel slot 13) 173–179 **Gobo 13** (wheel slot 14) 180–186 **Gobo 14** (wheel slot 15) 187–193 **Gobo 15** (wheel slot 16) 194–200 **Gobo 16** (wheel slot 17) 201–207 **Gobo 17** (wheel slot 18) 208–227 >>> 228–229 Stop 230–249 <<< 250–255 <<>>
12	Prism	0	0–3 Open (wheel slot 1) 255–255 8 Prism (wheel slot 2)
13	Prism Rotation	0	0–62 Min Index 63–63 Max Index 64–127 >>> 128–191 <<< 192–207 <<90>> 208–223 <<180>> 224–239 <<270>> 240–255 <<360>>
14	Prism	0	0–3 Open (wheel slot 1) 255–255 Prism (wheel slot 3)
15	Prism Rotation	0	0–62 Min Index 63–63 Max Index 64–127 >>> 128–191 <<< 192–207 <<90>> 208–223 <<180>> 224–239 <<270>> 240–255 <<360>>
16	Frost1	0	0–254 Open 255–255 Light Frost

21CH (continued)

Ch	Function	Default	DMX values
17	Focus	127	
18	Focus Fine	255	Fine byte of Focus
19	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 255–255 Open
20	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
21	Dimmer Fine	0	Fine byte of Dimmer