Volux

Phyton



Manufacturer	**Volux**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**46, 52 channels**
Beam angle	**1.9-52°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**320 × 500 × 257 mm**
GDTF fixture type	**85456DB3-6E19-4E82-BD9E-A8…**

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 · Service functions

DMX modes

Mode2 46CH	46 ch
Mode 1 52CH	52 ch

Mode2 46CH

46 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	0–0 Standard mode 1–254 max 255–255 min
6	Control1	0	0–5 No Function 6–7 Standby ON 8–9 Standby OFF 10–19 NoFeature 1 20–24 Display On 25–29 Display Off 30–31 Fans ON at blackout 32–33 Fans OFF at blackout 34–39 NoFeature 2 40–44 PT mode Speed 45–49 PT mode Time 50–54 BO while PAN TILT moving: ON 55–59 BO while PAN TILT moving: OFF 60–64 BO while Gobo moving: ON 65–69 BO while Gobo moving: OFF 70–74 BO while color wheels moving: ON 75–79 BO while color wheels moving: OFF 80–84 Fan mode Auto 85–89 Fan mode High 90–91 Fan mode: Super Quiet 92–94 NoFeature 3 95–99 Dimmer curve: Super Square Law 100–104 Focus Tracking ON 105–109 Focus Tracking OFF 110–114 Dimmer curve: Square law 115–119 Dimmer curve: Linear 120–124 Parking position ON 125–129 Parking position OFF 130–139 Fixture reset (except pan/tilt) 140–149 PositionReset 150–159 Color system reset 160–169 Gobo and Effect wheel reset 170–179 NoFeature 4 180–189 Zoom/focus/frost/prism reset 190–199 Iris /framing shutters/effect wheel reset 200–209 Total fixture reset 210–218 NoFeature 5 219–220 Gobo indexing: Maximum speed and shortcut 221–222 Gobo indexing: Follow speed and follow direction 223–224 Gobo indexing: Maximum speed and follow directi… 225–229 RoboSpot enabled 230–234 RoboSpot disabled except faders and PT 235–239 RoboSpot fully disabled 240–240 Disabled Quiet mode 241–255 Quiet mode min to max
7	L EDFrequency	10	0–4 PWM frequency from Display menu 5–9 300 Hz 10–14 600 Hz 15–19 1200 Hz 20–24 2400 Hz 25–255 NoFeature
8	L EDFrequency Adjust	128	

Mode2 46CH (continued)

Ch	Function	Default	DMX values
9	Intensity Indication	0	0–10 No function 11–20 Indication of drop of max light intensity 21–30 Set drop by 6-10% (RED) 31–40 Set drop by 11-15% (GREEN) 41–50 Set drop by 16-20% (BLUE) 51–60 Set drop by 21-25% (CYAN) 61–70 Set drop by 26-30% (MAGENTA) 71–80 Set drop by 31-35% (YELLOW) 81–90 Set drop by 36-40% (ORANGE) 91–100 Original intensity (WHITE) 101–255 NoFeature
10	Color Wheel	0	0–12 Open/white - Deep red (wheel slot 1) 13–17 Deep red - Deep blue (wheel slot 2) 18–42 Deep blue - Orange (wheel slot 3) 43–47 Orange - Green (wheel slot 4) 48–72 Green - CRI 90 (wheel slot 5) 73–77 CRI 90 - Chartreuse (wheel slot 6) 78–102 Chartreuse - UV (wheel slot 7) 103–107 UV - Open/White (wheel slot 8) 108–140 Open/white - step (wheel slot 1) 141–145 Deep red - step (wheel slot 2) 146–150 Deep blue - step (wheel slot 3) 151–155 Orange - step (wheel slot 4) 156–160 Green - step (wheel slot 5) 161–165 CRI 90 - step (wheel slot 6) 166–170 Chartreuse - step (wheel slot 7) 171–175 UV - step (wheel slot 8) 176–185 Open/white - step (wheel slot 1) 186–188 Fast to slow 1/9 189–191 Fast to slow 2/9 192–194 Fast to slow 3/9 195–197 Fast to slow 4/9 198–200 Fast to slow 5/9 201–203 Fast to slow 6/9 204–206 Fast to slow 7/9 207–209 Fast to slow 8/9 210–211 Fast to slow 9/9 212–217 No Rotation middle 218–220 Slow to fast 1/9 221–223 Slow to fast 2/9 224–226 Slow to fast 3/9 227–229 Slow to fast 4/9 230–232 Slow to fast 5/9 233–235 Slow to fast 6/9 236–238 Slow to fast 7/9 239–241 Slow to fast 8/9 242–243 Slow to fast 9/9 244–255 Auto random color selection from fast to slow
11	Cyan	0	
12	Magenta	0	
13	Yellow	0	
14	C TO	0	
15	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
16	Color Macro1	0	
17	Color Wheel Select MSpeed	0	

Mode2 46CH (continued)

Ch	Function	Default	DMX values
18	Color Mix MSpeed	0	0–0 Function is OFF 1–254 max 255–255 min
19	Focus MSpeed	0	0–0 Function is OFF 1–254 max 255–255 min
20	Animation Wheel1	0	0–19 Open (wheel slot 1) 20–127 Proportional indexing (wheel slot 2) 128–169 Ramping from open to full position max (wheel slo... 170–170 Ramping from open to full position min (wheel slo... 171–212 Ramping from open to half position max (wheel sl... 213–213 Ramping from open to half position min (wheel sl... 214–254 Ramp from half position to full position max (whe... 255–255 Ramp from half position to full position min (whee...
21	Animation Wheel1Pos	128	0–0 No rotation 1–24 Fast to slow 1/7 25–49 Fast to slow 2/7 50–74 Fast to slow 3/7 75–99 Fast to slow 4/7 100–119 Fast to slow 5/7 120–124 Fast to slow 6/7 125–127 Fast to slow 7/7 128–128 No rotation middle 129–131 Slow to fast 1/7 132–136 Slow to fast 2/7 137–156 Slow to fast 3/7 157–181 Slow to fast 4/7 182–206 Slow to fast 5/7 207–232 Slow to fast 6/7 233–255 Slow to fast 7/7
22	Animation Wheel1Select Effects	0	0–7 No animation 8–9 Macro 1 10–11 Macro 2 12–13 Macro 3 14–15 Macro 4 16–17 Macro 5 18–19 Macro 6 20–21 Macro 7 22–23 Macro 8 24–25 Macro 9 26–27 Macro 10 28–255 NoFeature

Mode2 46CH (continued)

Ch	Function	Default	DMX values
23	Gobo	0	0–4 Open/hole (wheel slot 1) 5–7 Gobo 1 (wheel slot 2) 8–10 Gobo 2 (wheel slot 3) 11–14 Gobo 3 (wheel slot 4) 15–17 Gobo 4 (wheel slot 5) 18–19 Gobo 5 (wheel slot 6) 20–22 Gobo 6 (wheel slot 7) 23–26 Gobo 7 (wheel slot 8) 27–31 Gobo 8 (wheel slot 9) 32–34 Gobo 1 - Rotation (wheel slot 2) 35–37 Gobo 2 - Rotation (wheel slot 3) 38–40 Gobo 3 - Rotation (wheel slot 4) 41–43 Gobo 4 - Rotation (wheel slot 5) 44–46 Gobo 5 - Rotation (wheel slot 6) 47–49 Gobo 6 - Rotation (wheel slot 7) 50–54 Gobo 7 - Rotation (wheel slot 8) 55–59 Gobo 8 - Rotation (wheel slot 9) 60–67 Gobo 1 - Shaking Index (wheel slot 2) 68–75 Gobo 2 - Shaking Index (wheel slot 3) 76–83 Gobo 3 - Shaking Index (wheel slot 4) 84–91 Gobo 4 - Shaking Index (wheel slot 5) 92–99 Gobo 5 - Shaking Index (wheel slot 6) 100–107 Gobo 6 - Shaking Index (wheel slot 7) 108–115 Gobo 7 - Shaking Index (wheel slot 8) 116–123 Gobo 8 - Shaking Index (wheel slot 9) 124–129 Open/Hole (wheel slot 1) 130–137 Gobo 1 - Shaking Rotation (wheel slot 2) 138–145 Gobo 2 - Shaking Rotation (wheel slot 3) 146–153 Gobo 3 - Shaking Rotation (wheel slot 4) 154–161 Gobo 4 - Shaking Rotation (wheel slot 5) 162–169 Gobo 5 - Shaking Rotation (wheel slot 6) 170–177 Gobo 6 - Shaking Rotation (wheel slot 7) 178–185 Gobo 7 - Shaking Rotation (wheel slot 8) 186–193 Gobo 8 - Shaking Rotation (wheel slot 9) 194–201 Open/Hole (wheel slot 1) 202–220 Fast to slow - Fast 221–222 Fast to slow - Slow 223–242 Slow to fast - Slow 243–243 Slow to fast - Fast 244–249 NoFeature 250–255 Auto random gobo selection from fast to slow
24	Gobo Rotation	128	0–0 Gobo indexing min 1–123 Fast to slow - Fast 124–127 Fast to slow - Slow 128–128 Gobo indexing center 129–231 Gobo indexing max 232–255 Slow to fast - Fast

Mode2 46CH (continued)

Ch	Function	Default	DMX values
25	Gobo 2	0	0–6 Open/hole (wheel slot 1) 7–10 Gobo 1 (wheel slot 2) 11–14 Gobo 2 (wheel slot 3) 15–18 Gobo 3 (wheel slot 4) 19–22 Gobo 4 (wheel slot 5) 23–26 Gobo 5 (wheel slot 6) 27–30 Gobo 6 (wheel slot 7) 31–34 Gobo 7 (wheel slot 8) 35–38 Gobo 8 (wheel slot 9) 39–42 Gobo 9 (wheel slot 10) 43–62 Gobo 1 - Shaking Index (wheel slot 2) 63–82 Gobo 2 - Shaking Index (wheel slot 3) 83–102 Gobo 3 - Shaking Index (wheel slot 4) 103–122 Gobo 4 - Shaking Index (wheel slot 5) 123–142 Gobo 5 - Shaking Index (wheel slot 6) 143–162 Gobo 6 - Shaking Index (wheel slot 7) 163–182 Gobo 7 - Shaking Index (wheel slot 8) 183–202 Gobo 8 - Shaking Index (wheel slot 9) 203–222 Gobo 9 - Shaking Index (wheel slot 10) 223–235 Fast to slow - Fast 236–237 Fast to slow - Slow 238–240 No Rotation 241–254 Slow to fast - Slow 255–255 Slow to fast - Fast
26	Prism	0	0–3 Open position (hole) (wheel slot 1) 4–7 Prism 1 Indexing (wheel slot 2) 8–11 Prism 2 Indexing (wheel slot 3) 12–15 Prism 3 Indexing (wheel slot 4) 16–19 Prism 1 Rotation (wheel slot 2) 20–23 Prism 2 Rotation (wheel slot 3) 24–27 Prism 3 Rotation (wheel slot 4) 28–255 NoFeature
27	Prism Rotation	0	0–0 Indexing 1–124 Fast to slow - Fast 125–127 Fast to slow - Slow 128–128 No rotation middle 129–232 Slow to fast - Slow 233–255 Slow to fast - Fast
28	Prism	0	0–3 Open position (hole) (wheel slot 1) 4–7 Prism 1 Indexing (wheel slot 2) 8–11 Prism 2 Indexing (wheel slot 3) 12–15 Prism 3 Indexing (wheel slot 4) 16–19 Prism 1 Rotation (wheel slot 2) 20–23 Prism 2 Rotation (wheel slot 3) 24–27 Prism 3 Rotation (wheel slot 4) 28–255 NoFeature
29	Prism Rotation	0	0–0 Indexing 1–124 Fast to slow - Fast 125–127 Fast to slow - Slow 128–128 No rotation middle 129–232 Slow to fast - Slow 233–255 Slow to fast - Fast

Mode2 46CH (continued)

Ch	Function	Default	DMX values
30	Prism	0	0–3 Open 4–5 Pattern 1 6–7 Pattern 2 8–9 Pattern 3 10–11 Pattern 4 12–13 Pattern 5 14–15 Pattern 6 16–17 Pattern 7 18–19 Pattern 8 20–21 Pattern 9 22–23 Pattern 10 24–25 Pattern 11 26–27 Pattern 12 28–29 Pattern 1 Rt 30–31 Pattern 2 Rt 32–33 Pattern 3 Rt 34–35 Pattern 4 Rt 36–37 Pattern 5 Rt 38–39 Pattern 6 Rt 40–41 Pattern 7 Rt 42–43 Pattern 8 Rt 44–45 Pattern 9 Rt 46–47 Pattern 10 Rt 48–49 Pattern 11 Rt 50–51 Pattern 12 Rt 52–53 Pattern 13 Rt 54–55 Pattern 14 Rt 56–57 Pattern 15 Rt 58–59 Pattern 16 Rt 60–61 Pattern 17 Rt 62–63 Pattern 18 Rt 64–65 Pattern 19 Rt 66–67 Pattern 20 Rt 68–255 NoFeature 1
31	Prism Macro Rot	0	0–0 Pattern Indexing 1–126 min 127–127 max 128–128 No Rotation 129–254 min 255–255 max
32	Frost1	0	0–0 Open 1–50 Light Frost from 0% to 100% 51–53 100% Light frost 54–63 Pulse closing from slow to fast 64–73 Pulse opening from fast to slow 74–83 Ramping from fast to slow 84–86 Open 87–136 Medium Frost from 0% to 100% 137–139 100% Medium Frost 140–149 Pulse closing from slow to fast 150–159 Pulse opening from fast to slow 160–169 Ramping from fast to slow 170–255 Open

Mode2 46CH (continued)

Ch	Function	Default	DMX values
33	Iris	0	0–179 Open 180–191 Closed 192–194 Slow to fast 1/13 195–196 Slow to fast 2/13 197–198 Slow to fast 3/13 199–200 Slow to fast 4/13 201–202 Slow to fast 5/13 203–204 Slow to fast 6/13 205–206 Slow to fast 7/13 207–208 Slow to fast 8/13 209–210 Slow to fast 9/13 211–212 Slow to fast 10/13 213–214 Slow to fast 11/13 215–216 Slow t ofast 12/13 217–219 Slow to fast 13/13 220–221 Fast to slow 1/13 222–223 Fast to slow 2/13 224–225 Fast to slow 3/13 226–227 Fast to slow 4/13 228–229 Fast to slow 5/13 230–231 Fast to slow 6/13 232–233 Fast to slow 7/13 234–235 Fast to slow 8/13 236–237 Fast to slow 9/13 238–239 Fast to slow 10/13 240–241 Fast to slow 11/13 242–243 Fast to slow 12/13 244–247 Fast to slow 13/13 248–249 Random pulse opening fast 250–251 Random pulse opening slow 252–253 Random pulse closing fast 254–255 Random pulse closing slow
34	Zoom	128	
35	Focus	128	
36	Shaper Rot	128	
37	Blade4A	0	
38	Blade4Rot	128	
39	Blade1A	0	
40	Blade1Rot	128	
41	Blade2A	0	
42	Blade2Rot	128	
43	Blade3A	0	
44	Blade3Rot	128	
45	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–79 Strobe · Slow to fast 1/12 0.3–9.83 Hz 80–94 Strobe · Slow to fast 6/12 10.5–19.4 Hz 95–95 Strobe · Slow to fast 12/12 20 Hz 96–127 open 128–134 StrobePulseOpen · Slow to fast 1/7 0.1–0.26 Hz 135–140 StrobePulseOpen · Slow to fast 4/7 0.287–0.42 Hz 141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz 144–149 StrobePulseClose · Fast to slow 1/7 0.5–0.367 Hz 150–155 StrobePulseClose · Fast to slow 4/7 0.34–0.207 Hz 156–159 StrobePulseClose · Fast to slow 7/7 0.18–0.1 Hz 160–191 open 192–223 Random strobe from slow to fast 224–255 open

Mode2 46CH (continued)

Ch	Function	Default	DMX values
46	Dimmer	0	0–254 Closed 255–255 Open

Mode 1 52CH

52 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	0–0 Standard mode 1–254 max 255–255 min
6	Control1	0	0–5 No Function 6–7 Standby ON 8–9 Standby OFF 10–19 NoFeature 1 20–24 Display On 25–29 Display Off 30–31 Fans ON at blackout 32–33 Fans OFF at blackout 34–39 NoFeature 2 40–44 PT mode Speed 45–49 PT mode Time 50–54 BO while PAN TILT moving: ON 55–59 BO while PAN TILT moving: OFF 60–64 BO while Gobo moving: ON 65–69 BO while Gobo moving: OFF 70–74 BO while color wheels moving: ON 75–79 BO while color wheels moving: OFF 80–84 Fan mode Auto 85–89 Fan mode High 90–91 Fan mode: Super Quiet 92–94 NoFeature 3 95–99 Dimmer curve: Super Square Law 100–104 Focus Tracking ON 105–109 Focus Tracking OFF 110–114 Dimmer curve: Square law 115–119 Dimmer curve: Linear 120–124 Parking position ON 125–129 Parking position OFF 130–139 Fixture reset (except pan/tilt) 140–149 PositionReset 150–159 Color system reset 160–169 Gobo and Effect wheel reset 170–179 NoFeature 4 180–189 Zoom/focus/frost/prism reset 190–199 Iris /framing shutters/effect wheel reset 200–209 Total fixture reset 210–218 NoFeature 5 219–220 Gobo indexing: Maximum speed and shortcut 221–222 Gobo indexing: Follow speed and follow direction 223–224 Gobo indexing: Maximum speed and follow directi… 225–229 RoboSpot enabled 230–234 RoboSpot disabled except faders and PT 235–239 RoboSpot fully disabled 240–240 Disabled Quiet mode 241–255 Quiet mode min to max

Mode 1 52CH (continued)

Ch	Function	Default	DMX values
7	L EDFrequency	10	0–4 PWM frequency from Display menu 5–9 300 Hz 10–14 600 Hz 15–19 1200 Hz 20–24 2400 Hz 25–255 NoFeature
8	L EDFrequency Adjust	128	
9	Intensity Indication	0	0–10 No function 11–20 Indication of drop of max light intensity 21–30 Set drop by 6-10% (RED) 31–40 Set drop by 11-15% (GREEN) 41–50 Set drop by 16-20% (BLUE) 51–60 Set drop by 21-25% (CYAN) 61–70 Set drop by 26-30% (MAGENTA) 71–80 Set drop by 31-35% (YELLOW) 81–90 Set drop by 36-40% (ORANGE) 91–100 Original intensity (WHITE) 101–255 NoFeature
10	Color Wheel	0	0–12 Open/white - Deep red (wheel slot 1) 13–17 Deep red - Deep blue (wheel slot 2) 18–42 Deep blue - Orange (wheel slot 3) 43–47 Orange - Green (wheel slot 4) 48–72 Green - CRI 90 (wheel slot 5) 73–77 CRI 90 - Chartreuse (wheel slot 6) 78–102 Chartreuse - UV (wheel slot 7) 103–107 UV - Open/White (wheel slot 8) 108–140 Open/white - step (wheel slot 1) 141–145 Deep red - step (wheel slot 2) 146–150 Deep blue - step (wheel slot 3) 151–155 Orange - step (wheel slot 4) 156–160 Green - step (wheel slot 5) 161–165 CRI 90 - step (wheel slot 6) 166–170 Chartreuse - step (wheel slot 7) 171–175 UV - step (wheel slot 8) 176–184 Open/white - step (wheel slot 1) 185–188 Fast to slow 1/9 189–191 Fast to slow 2/9 192–194 Fast to slow 3/9 195–197 Fast to slow 4/9 198–200 Fast to slow 5/9 201–203 Fast to slow 6/9 204–206 Fast to slow 7/9 207–209 Fast to slow 8/9 210–211 Fast to slow 9/9 212–217 No Rotation middle 218–220 Slow to fast 1/9 221–223 Slow to fast 2/9 224–226 Slow to fast 3/9 227–229 Slow to fast 4/9 230–232 Slow to fast 5/9 233–235 Slow to fast 6/9 236–238 Slow to fast 7/9 239–241 Slow to fast 8/9 242–242 Slow to fast 9/9 244–255 Auto random color selection from fast to slow
11	Color Wheel Fine	0	Fine byte of Color Wheel
12	Cyan	0	
13	Magenta	0	
14	Yellow	0	
15	C TO	0	

Mode 1 52CH (continued)

Ch	Function	Default	DMX values
16	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
17	Color Macro1	0	
18	Color Wheel Select MSpeed	0	
19	Color Mix MSpeed	0	0–0 Function is OFF 1–254 max 255–255 min
20	Focus MSpeed	0	0–0 Function is OFF 1–254 max 255–255 min
21	Animation Wheel1	0	0–19 Open (wheel slot 1) 20–127 Proportional indexing (wheel slot 2) 128–169 Ramping from open to full position max (wheel slo... 170–170 Ramping from open to full position min (wheel slo... 171–212 Ramping from open to half position max (wheel sl... 213–213 Ramping from open to half position min (wheel sl... 214–254 Ramp from half position to full position max (whe... 255–255 Ramp from half position to full position min (whee...
22	Animation Wheel1Pos	128	0–0 No rotation 1–24 Fast to slow 1/7 25–49 Fast to slow 2/7 50–74 Fast to slow 3/7 75–99 Fast to slow 4/7 100–119 Fast to slow 5/7 120–124 Fast to slow 6/7 125–127 Fast to slow 7/7 128–128 No rotation middle 129–131 Slow to fast 1/7 132–136 Slow to fast 2/7 137–156 Slow to fast 3/7 157–181 Slow to fast 4/7 182–206 Slow to fast 5/7 207–232 Slow to fast 6/7 233–255 Slow to fast 7/7
23	Animation Wheel1Select Effects	0	0–7 No animation 8–9 Macro 1 10–11 Macro 2 12–13 Macro 3 14–15 Macro 4 16–17 Macro 5 18–19 Macro 6 20–21 Macro 7 22–23 Macro 8 24–25 Macro 9 26–27 Macro 10 28–255 NoFeature

Mode 1 52CH (continued)

Ch	Function	Default	DMX values
24	Gobo	0	0–4 Open/hole (wheel slot 1) 5–7 Gobo 1 (wheel slot 2) 8–10 Gobo 2 (wheel slot 3) 11–14 Gobo 3 (wheel slot 4) 15–17 Gobo 4 (wheel slot 5) 18–19 Gobo 5 (wheel slot 6) 20–22 Gobo 6 (wheel slot 7) 23–26 Gobo 7 (wheel slot 8) 27–31 Gobo 8 (wheel slot 9) 32–34 Gobo 1 - Rotation (wheel slot 2) 35–37 Gobo 2 - Rotation (wheel slot 3) 38–40 Gobo 3 - Rotation (wheel slot 4) 41–43 Gobo 4 - Rotation (wheel slot 5) 44–46 Gobo 5 - Rotation (wheel slot 6) 47–49 Gobo 6 - Rotation (wheel slot 7) 50–54 Gobo 7 - Rotation (wheel slot 8) 55–59 Gobo 8 - Rotation (wheel slot 9) 60–67 Gobo 1 - Shaking Index (wheel slot 2) 68–75 Gobo 2 - Shaking Index (wheel slot 3) 76–83 Gobo 3 - Shaking Index (wheel slot 4) 84–91 Gobo 4 - Shaking Index (wheel slot 5) 92–99 Gobo 5 - Shaking Index (wheel slot 6) 100–107 Gobo 6 - Shaking Index (wheel slot 7) 108–115 Gobo 7 - Shaking Index (wheel slot 8) 116–123 Gobo 8 - Shaking Index (wheel slot 9) 124–129 Open/Hole (wheel slot 1) 130–137 Gobo 1 - Shaking Rotation (wheel slot 2) 138–145 Gobo 2 - Shaking Rotation (wheel slot 3) 146–153 Gobo 3 - Shaking Rotation (wheel slot 4) 154–161 Gobo 4 - Shaking Rotation (wheel slot 5) 162–169 Gobo 5 - Shaking Rotation (wheel slot 6) 170–177 Gobo 6 - Shaking Rotation (wheel slot 7) 178–185 Gobo 7 - Shaking Rotation (wheel slot 8) 186–193 Gobo 8 - Shaking Rotation (wheel slot 9) 194–201 Open/Hole (wheel slot 1) 202–220 Fast to slow - Fast 221–222 Fast to slow - Slow 223–242 Slow to fast - Slow 243–243 Slow to fast - Fast 244–249 NoFeature 250–255 Auto random gobo selection from fast to slow
25	Gobo Rotation	128	0–0 Gobo indexing min 1–123 Fast to slow - Fast 124–127 Fast to slow - Slow 128–128 Gobo indexing center 129–231 Slow to fast - Slow 232–255 Slow to fast - Fast
26	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Mode 1 52CH (continued)

Ch	Function	Default	DMX values
27	Gobo 2	0	0–6 Open/hole (wheel slot 1) 7–10 Gobo 1 (wheel slot 2) 11–14 Gobo 2 (wheel slot 3) 15–18 Gobo 3 (wheel slot 4) 19–22 Gobo 4 (wheel slot 5) 23–26 Gobo 5 (wheel slot 6) 27–30 Gobo 6 (wheel slot 7) 31–34 Gobo 7 (wheel slot 8) 35–38 Gobo 8 (wheel slot 9) 39–42 Gobo 9 (wheel slot 10) 43–62 Gobo 1 - Shaking Index (wheel slot 2) 63–82 Gobo 2 - Shaking Index (wheel slot 3) 83–102 Gobo 3 - Shaking Index (wheel slot 4) 103–122 Gobo 4 - Shaking Index (wheel slot 5) 123–142 Gobo 5 - Shaking Index (wheel slot 6) 143–162 Gobo 6 - Shaking Index (wheel slot 7) 163–182 Gobo 7 - Shaking Index (wheel slot 8) 183–202 Gobo 8 - Shaking Index (wheel slot 9) 203–222 Gobo 9 - Shaking Index (wheel slot 10) 223–235 Fast to slow - Fast 236–237 Fast to slow - Slow 238–240 No Rotation 241–254 Slow to fast - Slow 255–255 Slow to fast - Fast
28	Prism	0	0–3 Open position (hole) (wheel slot 1) 4–7 Prism 1 Indexing (wheel slot 2) 8–11 Prism 2 Indexing (wheel slot 3) 12–15 Prism 3 Indexing (wheel slot 4) 16–19 Prism 1 Rotation (wheel slot 2) 20–23 Prism 2 Rotation (wheel slot 3) 24–27 Prism 3 Rotation (wheel slot 4) 28–255 NoFeature
29	Prism Rotation	0	0–0 Indexing 1–124 Fast to slow - Fast 125–127 Fast to slow - Slow 128–128 No rotation middle 129–232 Slow to fast - Slow 233–255 Slow to fast - Fast
30	Prism	0	0–3 Open position (hole) (wheel slot 1) 4–7 Prism 1 Indexing (wheel slot 2) 8–11 Prism 2 Indexing (wheel slot 3) 12–15 Prism 3 Indexing (wheel slot 4) 16–19 Prism 1 Rotation (wheel slot 2) 20–23 Prism 2 Rotation (wheel slot 3) 24–27 Prism 3 Rotation (wheel slot 4) 28–255 NoFeature
31	Prism Rotation	0	0–0 Indexing 1–124 Fast to slow - Fast 125–127 Fast to slow - Slow 128–128 No rotation middle 129–232 Slow to fast - Slow 233–255 Slow to fast - Fast

Mode 1 52CH (continued)

Ch	Function	Default	DMX values
32	Prism	0	0–3 Open 4–5 Pattern 1 6–7 Pattern 2 8–9 Pattern 3 10–11 Pattern 4 12–13 Pattern 5 14–15 Pattern 6 16–17 Pattern 7 18–19 Pattern 8 20–21 Pattern 9 22–23 Pattern 10 24–25 Pattern 11 26–27 Pattern 12 28–29 Pattern 1 Rt 30–31 Pattern 2 Rt 32–33 Pattern 3 Rt 34–35 Pattern 4 Rt 36–37 Pattern 5 Rt 38–39 Pattern 6 Rt 40–41 Pattern 7 Rt 42–43 Pattern 8 Rt 44–45 Pattern 9 Rt 46–47 Pattern 10 Rt 48–49 Pattern 11 Rt 50–51 Pattern 12 Rt 52–53 Pattern 13 Rt 54–55 Pattern 14 Rt 56–57 Pattern 15 Rt 58–59 Pattern 16 Rt 60–61 Pattern 17 Rt 62–63 Pattern 18 Rt 64–65 Pattern 19 Rt 66–67 Pattern 20 Rt 68–255 NoFeature 1
33	Prism Macro Rot	0	0–0 Pattern Indexing 1–126 min 127–127 max 128–128 No Rotation 129–254 min 255–255 max
34	Frost1	0	0–0 Open 1–50 Light Frost from 0% to 100% 51–53 100% Light frost 54–63 Pulse closing from slow to fast 64–73 Pulse opening from fast to slow 74–83 Ramping from fast to slow 84–86 Open 87–136 Medium Frost from 0% to 100% 137–139 100% Medium Frost 140–149 Pulse closing from slow to fast 150–159 Pulse opening from fast to slow 160–169 Ramping from fast to slow 170–255 Open

Mode 1 52CH (continued)

Ch	Function	Default	DMX values
35	Iris	0	0–179 Open 180–191 Closed 192–194 Slow to fast 1/13 195–196 Slow to fast 2/13 197–198 Slow to fast 3/13 199–200 Slow to fast 4/13 201–202 Slow to fast 5/13 203–204 Slow to fast 6/13 205–206 Slow to fast 7/13 207–208 Slow to fast 8/13 209–210 Slow to fast 9/13 211–212 Slow to fast 10/13 213–214 Slow to fast 11/13 215–216 Slow t ofast 12/13 217–219 Slow to fast 13/13 220–221 Fast to slow 1/13 222–223 Fast to slow 2/13 224–225 Fast to slow 3/13 226–227 Fast to slow 4/13 228–229 Fast to slow 5/13 230–231 Fast to slow 6/13 232–233 Fast to slow 7/13 234–235 Fast to slow 8/13 236–237 Fast to slow 9/13 238–239 Fast to slow 10/13 240–241 Fast to slow 11/13 242–243 Fast to slow 12/13 244–247 Fast to slow 13/13 248–249 Random pulse opening fast 250–251 Random pulse opening slow 252–253 Random pulse closing fast 254–255 Random pulse closing slow
36	Iris Fine	0	Fine byte of Iris
37	Zoom	128	
38	Zoom Fine	0	Fine byte of Zoom
39	Focus	128	
40	Focus Fine	0	Fine byte of Focus
41	Shaper Rot	128	
42	Blade4A	0	
43	Blade4Rot	128	
44	Blade1A	0	
45	Blade1Rot	128	
46	Blade2A	0	
47	Blade2Rot	128	
48	Blade3A	0	
49	Blade3Rot	128	

Mode 1 52CH (continued)

Ch	Function	Default	DMX values
50	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–79 Strobe · Slow to fast 1/12 0.3–9.83 Hz 80–94 Strobe · Slow to fast 6/12 10.5–19.4 Hz 95–95 Strobe · Slow to fast 12/12 20 Hz 96–127 open 128–134 StrobePulseOpen · Slow to fast 1/7 0.1–0.26 Hz 135–140 StrobePulseOpen · Slow to fast 4/7 0.287–0.42 Hz 141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz 144–149 StrobePulseClose · Fast to slow 1/7 0.5–0.367 Hz 150–155 StrobePulseClose · Fast to slow 4/7 0.34–0.207 Hz 156–159 StrobePulseClose · Fast to slow 7/7 0.18–0.1 Hz 160–191 open 192–223 Random strobe from slow to fast 224–255 open
51	Dimmer	0	0–254 Closed 255–255 Open
52	Dimmer Fine	0	Fine byte of Dimmer