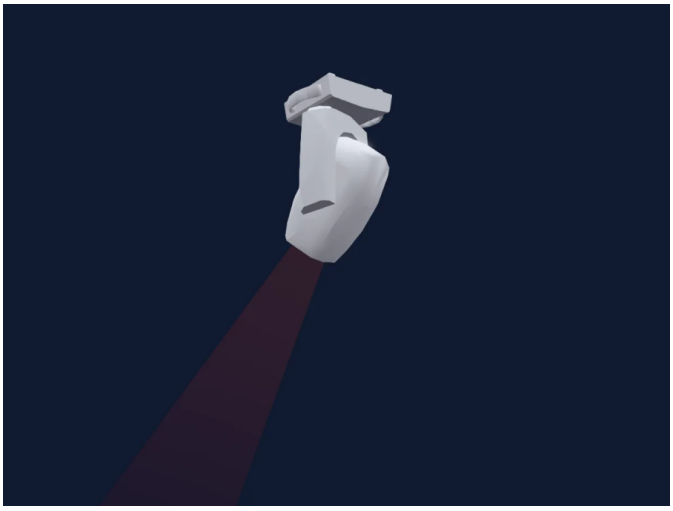
Clay Paky

Sharpy Plus



Manufacturer	**Clay Paky**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**31 channels**
Beam angle	**3-36°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**278 × 455 × 256 mm**
GDTF fixture type	**CDAE25D8-4A6A-49B5-84E4-A…**

Controls

Focus · Frost · Prism · Prism rotation · CMY colour mixing · Colour wheel · Strobe · Dimmer · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Lamp on and off · Fixture reset · Service functions

DMX modes

Standard	31 ch

Standard

31 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Magenta	0	
3	Yellow	0	
4	Color Wheel	0	0–23 Open (wheel slot 1) 24–46 White/UV (wheel slot 1) 47–69 UV (wheel slot 2) 70–92 UV/Lavander (wheel slot 2) 93–115 Lavander (wheel slot 3) 116–139 Lavander/CTO 3200 (wheel slot 3) 140–162 CTO 3200 K (wheel slot 4) 163–185 CTO 3200K/ CTO 2500K (wheel slot 4) 186–208 CTO 2500 (wheel slot 5) 209–231 CTO 2500K/ Blue Wood (wheel slot 5) 232–255 Blue Wood (wheel slot 6)
5	Color Wheel 2	0	0–23 Open (wheel slot 1) 24–46 Open / Dark Green (wheel slot 1) 47–69 Dark Green (wheel slot 2) 70–92 Dark Green / CTB (wheel slot 2) 93–115 CTB (wheel slot 3) 116–139 CTB / Dark Blue (wheel slot 3) 140–162 Dark Blue (wheel slot 4) 163–185 Dark Blue / H M Green (wheel slot 4) 186–208 H M Green (wheel slot 5) 209–231 H M Green / Dark Red (wheel slot 5) 232–255 Dark Red (wheel slot 6)
6	Color3	0	0–23 Open (wheel slot 1) 24–46 Open / Light Green (wheel slot 1) 47–69 Light Green (wheel slot 2) 70–92 Light Green / Pink (wheel slot 2) 93–115 Pink (wheel slot 3) 116–139 Pink / Aquamarine (wheel slot 3) 140–162 Aquamarine (wheel slot 4) 163–185 Aquamarine / Dark Orange (wheel slot 4) 186–208 Dark Orange (wheel slot 5) 209–231 Dark Orange / Light Orange (wheel slot 5) 232–255 Light Orange (wheel slot 6)
7	Shutter / Strobe	255	0–3 Closed 4–102 LInear Strobe Slow to Fast · 1Hz 1–11.9 Hz 103–103 LInear Strobe Slow to Fast · 25Hz 12 Hz 104–107 Open 108–206 Linear Pulse Fast to Slow · Fast 1–8.92 Hz 207–207 Linear Pulse Fast to Slow · Slow 9 Hz 208–212 Open 213–225 Random Strobe low to Fast · Fast 1–4.47 Hz 226–238 Random Strobe low to Fast · Med 4.76–8.24 Hz 239–251 Random Strobe low to Fast · Slow 8.53–12 Hz 252–255 Open
8	Dimmer	0	0–254 Close 255–255 Open
9	Dimmer Fine	0	Fine byte of Dimmer

Standard (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–3 OPEN (wheel slot 1) 4–7 GOBO 1 (wheel slot 2) 8–11 GOBO 2 (wheel slot 3) 12–14 GOBO 3 (wheel slot 4) 15–18 GOBO 4 (wheel slot 5) 19–22 GOBO 5 (wheel slot 6) 23–26 GOBO 6 (wheel slot 7) 27–29 GOBO 7 (wheel slot 8) 30–33 Gobo 8 (wheel slot 9) 34–37 Gobo 9 (wheel slot 10) 38–41 Gobo 10 (wheel slot 11) 42–44 Gobo 11 (wheel slot 12) 45–48 Gobo 12 (wheel slot 13) 49–52 Gobo 13 (wheel slot 14) 53–56 Gobo 14 (wheel slot 15) 57–59 Gobo 15 (wheel slot 16) 60–63 Gobo 16 (wheel slot 17) 64–67 Gobo 17 (wheel slot 18) 68–71 Gobo 18 (wheel slot 19) 72–92 << 93–112 < 113–113 < 114–117 Stop 118–138 > 139–158 >> 159–159 >>> 160–165 GOBO 1 (wheel slot 2) 166–170 GOBO 2 (wheel slot 3) 171–175 GOBO 3 (wheel slot 4) 176–181 GOBO 4 (wheel slot 5) 182–186 GOBO 5 (wheel slot 6) 187–191 GOBO 6 (wheel slot 7) 192–196 Gobo 7 (wheel slot 8) 197–202 Gobo 8 (wheel slot 9) 203–207 Gobo 9 (wheel slot 10) 208–212 Gobo 10 (wheel slot 11) 213–218 Gobo 11 (wheel slot 12) 219–223 Gobo 12 (wheel slot 13) 224–228 Gobo 13 (wheel slot 14) 229–233 Gobo 14 (wheel slot 15) 234–239 Gobo 15 (wheel slot 16) 240–244 Gobo 16 (wheel slot 17) 245–249 Gobo 17 (wheel slot 18) 250–255 Gobo 18 (wheel slot 19)
11	Animation Wheel1	0	0–254 Open (wheel slot 1) 255–255 Animation wheel (wheel slot 2)
12	Animation Wheel1Pos Rotate	0	0–4 stop 5–127 CCW 128–254 Stop 255–255 CW

Standard (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–7 Open (wheel slot 1) 8–15 GOBO 1 (wheel slot 2) 16–23 GOBO 2 (wheel slot 3) 24–31 GOBO 3 (wheel slot 4) 32–39 GOBO 4 (wheel slot 5) 40–47 GOBO 5 (wheel slot 6) 48–55 GOBO 6 (wheel slot 7) 56–63 GOBO 7 (wheel slot 8) 64–71 Gobo 8 (wheel slot 9) 72–92 << 93–112 << 113–113 < 114–117 Stop 118–138 > 139–158 >> 159–159 >>> 160–173 Wheel Slot 2 (wheel slot 2) 174–187 Wheel Slot 3 (wheel slot 3) 188–200 Wheel Slot 4 (wheel slot 4) 201–214 Wheel Slot 5 (wheel slot 5) 215–227 Wheel Slot 6 (wheel slot 6) 228–241 Wheel Slot 7 (wheel slot 7) 242–255 Wheel Slot 1 (wheel slot 8)
14	Gobo Rotation 2	0	0–20 0 21–41 90 42–62 180 63–83 270 84–104 360 105–126 450 127–127 540 128–158 >>> 159–189 >> 190–190 > 191–192 0 193–223 < 224–254 << 255–255 <<<
15	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
16	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism 4 facet (wheel slot 2)
17	Prism Rotation	0	0–21 CW 0 TO 90 22–42 CW 90 to 180 43–63 CW 180 to 270 64–84 CW 270 to 360 85–105 CW 360 to 450 106–127 CW 450 to 540 128–190 CW 191–254 Stop 255–255 CCW
18	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism 8 Facet (wheel slot 2)
19	Prism Rotation	0	0–21 CW 0 TO 90 22–42 CW 90 to 180 43–63 CW 180 to 270 64–84 CW 270 to 360 85–105 CW 360 to 450 106–127 CW 450 to 540 128–190 CW 191–254 Stop 255–255 CCW

Standard (continued)

Ch	Function	Default	DMX values
20	Frost1	0	0–254 Open (wheel slot 1) 255–255 Frost (wheel slot 2)
21	Zoom	128	0–127 Min 128–254 Home 255–255 Max
22	Focus	127	
23	Focus Fine	255	Fine byte of Focus
24	Zoom Mode Beam	0	0–127 Spot 128–255 Beam Mode
25	Pan	128	
26	Pan Fine	0	Fine byte of Pan
27	Tilt	128	
28	Tilt Fine	0	Fine byte of Tilt
29	Function	0	0–110 Unused Range 1 111–120 Standard CMY Speed 121–130 Fast CMY Speed 131–140 Dimmer Curve 1 141–150 Dimmer Curve 2 151–160 Display OFF 161–170 Display ON 171–255 Unused Range
30	Fixture Global Reset	0	0–25 Unused Range 26–76 Effect Reset 77–127 Pan / Tilt Reset 128–255 Fixture Reset
31	Lamp Control	0	0–25 Unused Range 26–100 Lamp OFF 101–255 Lamp ON