Clay Paky

Alpha Beam 1500



Manufacturer	**Clay Paky**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**24, 28 channels**
Beam angle	**4°**
Pan range	**540°**
Tilt range	**252°**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**24A76675-CC66-5BC4-8A7D-C5…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

Standard	24 ch
Vector	28 ch

Standard

24 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Magenta	0	
3	Yellow	0	
4	Color Wheel	0	0–9 White (wheel slot 1) 10–18 White + Red 19–27 Red (wheel slot 2) 28–36 Red + CTO 3200 37–45 CTO 3200 (wheel slot 3) 46–54 CTO 3200 + Green 55–63 Green (wheel slot 4) 64–73 Green + Aquamarine 74–82 Aquamarine (wheel slot 5) 83–91 Aquamarine + Orange 92–100 Orange (wheel slot 6) 101–109 Orange + Blue 110–118 Blue (wheel slot 7) 119–127 Blue + White 128–255 Rotation from slow (0,2 rpm) to fast (160 rpm)
5	Shutter / Strobe	252	0–3 Closed 4–103 Strobe from slow (1 flash/sec) to fast (12 flash/sec) 1… 104–107 Open 108–207 StopStrobe3 · Pulsation from slow to fast (macro) 208–212 Open 213–225 Random slow strobe 226–238 Random medium strobe 239–251 Random fast strobe 252–255 Open
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Iris	128	0–127 Aperture from minimum (0) to maximum (127) 128–131 Maximum aperture 132–171 Pulsation from slow to fast 172–211 Pulsation from slow to fast, fast opening 212–251 Pulsation from slow to fast, fast closing 252–255 Maximum aperture
9	Gobo	0	0–7 White (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) 72–113 Wheel rotation from fast (100 rpm) to slow (5 rpm) 114–117 Stop 118–159 Wheel rotation from slow (5 rpm) to fast (100 rpm) 160–171 Gobo 1 (wheel slot 2) 172–183 Gobo 2 (wheel slot 3) 184–195 Gobo 3 (wheel slot 4) 196–207 Gobo 4 (wheel slot 5) 208–219 Gobo 5 (wheel slot 6) 220–231 Gobo 6 (wheel slot 7) 232–243 Gobo 7 (wheel slot 8) 244–255 Gobo 8 (wheel slot 9)

Standard (continued)

Ch	Function	Default	DMX values
10	Gobo 2	0	0–18 White (wheel slot 1) 19–37 Gobo 1 (wheel slot 2) 38–55 Gobo 2 (wheel slot 3) 56–74 Gobo 3 (wheel slot 4) 75–92 Gobo 4 (wheel slot 5) 93–111 Gobo 5 (wheel slot 6) 112–129 Gobo 6 (wheel slot 7) 130–150 Gobo 1 (wheel slot 2) 151–171 Gobo 2 (wheel slot 3) 172–192 Gobo 3 (wheel slot 4) 193–213 Gobo 4 (wheel slot 5) 214–234 Gobo 5 (wheel slot 6) 235–255 Gobo 6 (wheel slot 7)
11	Gobo Rotation 2	0	0–127 Indexed position from 0° to 540° 128–190 Rotation from fast (150 rpm) to slow (2,2 rph) 191–192 Stop 193–255 Rotation from slow (2,2 rph) to fast (150 rpm)
12	Prism	0	0–63 White (wheel slot 1) 64–127 5 face prism (wheel slot 2) 128–191 Ovalyzer (wheel slot 3) 192–255 6 face prism (wheel slot 4)
13	Prism Rotation	0	0–127 Indexed position from 0° to 540° 128–190 Rotation from fast (120 rpm) to slow (3 rph) 191–192 Stop 193–255 Rotation from slow (3 rph) to fast (120 rpm)
14	Frost1	0	
15	Frost2	0	
16	Frost3	0	
17	Focus	0	
18	Pan	128	
19	Pan Fine	0	Fine byte of Pan
20	Tilt	128	
21	Tilt Fine	0	Fine byte of Tilt
22	Control1	0	0–11 Unused range 12–24 Pan-tilt function: fast (default) 25–37 Pan-tilt function: normal 38–50 Dimmer curve function: conventional 51–62 Dimmer curve function: linear (default) 63–255 Unused range
23	Control2	0	0–25 Unused range 26–76 Effects reset 77–127 Pan / tilt reset 128–255 Complete reset
24	Lamp Control	0	0–25 Unused range 26–100 Lamp off 101–179 Lamp on (half power) 180–255 Lamp on (full power)

Vector

28 channels

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

Vector (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–9 White (wheel slot 1) 10–18 White + Red 19–27 Red (wheel slot 2) 28–36 Red + CTO 3200 37–45 CTO 3200 (wheel slot 3) 46–54 CTO 3200 + Green 55–63 Green (wheel slot 4) 64–73 Green + Aquamarine 74–82 Aquamarine (wheel slot 5) 83–91 Aquamarine + Orange 92–100 Orange (wheel slot 6) 101–109 Orange + Blue 110–118 Blue (wheel slot 7) 119–127 Blue + White 128–255 Rotation from slow (0,2 rpm) to fast (160 rpm)
5	Shutter / Strobe	252	0–3 Closed 4–103 Strobe from slow (1 flash/sec) to fast (12 flash/sec) 1… 104–107 Open 108–207 StopStrobe3 · Pulsation from slow to fast (macro) 208–212 Open 213–225 Random slow strobe 226–238 Random medium strobe 239–251 Random fast strobe 252–255 Open
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Iris	128	0–127 Aperture from minimum (0) to maximum (127) 128–131 Maximum aperture 132–171 Pulsation from slow to fast 172–211 Pulsation from slow to fast, fast opening 212–251 Pulsation from slow to fast, fast closing 252–255 Maximum aperture
9	Gobo	0	0–7 White (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) 72–113 Wheel rotation from fast (100 rpm) to slow (5 rpm) 114–117 Stop 118–159 Wheel rotation from slow (5 rpm) to fast (100 rpm) 160–171 Gobo 1 (wheel slot 2) 172–183 Gobo 2 (wheel slot 3) 184–195 Gobo 3 (wheel slot 4) 196–207 Gobo 4 (wheel slot 5) 208–219 Gobo 5 (wheel slot 6) 220–231 Gobo 6 (wheel slot 7) 232–243 Gobo 7 (wheel slot 8) 244–255 Gobo 8 (wheel slot 9)

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15	Frost2	0	
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17	Focus	0	
18	Pan	128	
19	Pan Fine	0	Fine byte of Pan
20	Tilt	128	
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22	Control1	0	0–11 Unused range 12–24 Pan-tilt function: fast (default) 25–37 Pan-tilt function: normal 38–50 Dimmer curve function: conventional 51–62 Dimmer curve function: linear (default) 63–255 Unused range
23	Control2	0	0–25 Unused range 26–76 Effects reset 77–127 Pan / tilt reset 128–255 Complete reset
24	Lamp Control	0	0–25 Unused range 26–100 Lamp off 101–179 Lamp on (half power) 180–255 Lamp on (full power)
25	Position MSpeed	0	0–0 Full 1–254 Pan - Tilt - (Pan fine - Tilt fine): time from 0.2 s to 310 ... 255–255 Follow cue data
26	Color Mix MSpeed	0	0–0 Full 1–254 CMY - Colour wheel: time from 0.2 s to 310 s (time ta... 255–255 Follow cue data
27	Iris MSpeed	0	0–0 Full 1–254 Dimmer - Light Frost - Medium Frost - Heavy Frost - I... 255–255 Follow cue data

Vector (continued)

Ch	Function	Default	DMX values
28	Gobo Wheel MSpeed	0	0–0 Full 1–254 Fixed Gobo - Rotating Gobo Change: time from 0.2 s ... 255–255 Follow cue data

Fixture model: gdtf-clay-paky-alpha-beam-1500-2611100130
Original HitLight geometry, scripted locally by the HitLight fixture agent from the manufacturer manual's published dimension drawing and an ...
Creator: HitLight