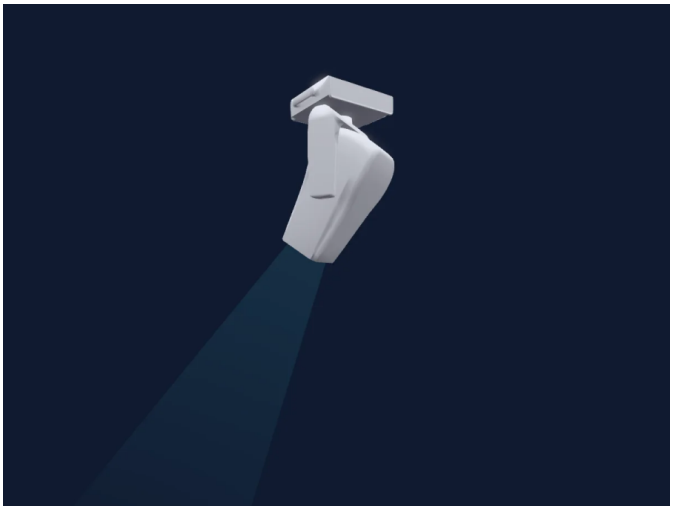
Clay Paky

Arolla Aqua HP



Manufacturer	**Clay Paky**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**43 channels**
Beam angle	**4-50°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**350 × 678 × 341 mm**
GDTF fixture type	**FE95DDC3-1B2A-4BEA-90D6-4…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Standard	43 ch

Standard

43 channels

Ch	Function	Default	DMX values
1	Cyan	0	0–254 0% 255–255 100%
2	Magenta	0	0–254 0% 255–255 100%
3	Yellow	0	0–254 0% 255–255 100%
4	C TO	0	0–254 7000K 255–255 2500K
5	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 Open/Dark Red (wheel slot 1) 10–14 Dark Red (wheel slot 2) 15–19 DkRed/BrBlue (wheel slot 2) 20–24 Brilliant Blue (wheel slot 3) 25–29 BrBlue/DpGreen (wheel slot 3) 30–34 Deep Green (wheel slot 4) 35–39 DpGreen/HCRI (wheel slot 4) 40–44 High CRI (wheel slot 5) 45–49 HCRI/Orange (wheel slot 5) 50–54 Orange (wheel slot 6) 55–59 Orange/Open (wheel slot 6) 60–127 CW Slow to Fast 128–254 0 deg 255–255 360 deg
6	Color Wheel 2	0	0–4 Open (wheel slot 1) 5–9 Open/NvBlue (wheel slot 1) 10–14 Navy Blue (wheel slot 2) 15–19 NvBlue/GdAmber (wheel slot 2) 20–24 Golden Amber (wheel slot 3) 25–29 GdAmber/Pink (wheel slot 3) 30–34 Pink (wheel slot 4) 35–39 Pink/CTB (wheel slot 4) 40–44 CTB (wheel slot 5) 45–49 CTB/3200K (wheel slot 5) 50–54 3200K (wheel slot 6) 55–59 3200K//Open (wheel slot 6) 60–127 CW Slow to Fast 128–254 0 deg 255–255 360 deg
7	Shutter / Strobe	104	0–3 Closed 4–102 Linear Strobe · Slow 1–24.8 Hz 103–103 Linear Strobe · Fast 25 Hz 104–107 Open 108–206 Linear Pulse · Slow 1–24.8 Hz 207–207 Linear Pulse · Fast 25 Hz 208–212 Open 213–225 Random · Low Frequency 1 Hz 226–238 Random · Medium Frequency 1 Hz 239–251 Random · High Frequency 1 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	Iris	131	0–127 Min to Max 128–131 Open 132–132 Pulse - Slow 133–170 Pulse Slow - Fast 171–171 Pulse - Fast 172–172 Pulse Open Slow 173–210 Pulse Open 211–211 Pulse open Fast 212–212 Pulse Close Slow 213–250 Pulse Close Slow to Fast 251–251 Pulse Close Fast 252–255 Open
11	Gobo	0	0–5 Open (wheel slot 1) 6–11 Gobo 1 (wheel slot 2) 12–17 Gobo 2 (wheel slot 3) 18–22 Gobo 3 (wheel slot 4) 23–28 Gobo 4 (wheel slot 5) 29–34 Gobo 5 (wheel slot 6) 35–40 Gobo 6 (wheel slot 7) 41–58 GoboShk 1 (wheel slot 2) 59–75 GoboShk 2 (wheel slot 3) 76–93 GoboShk 3 (wheel slot 4) 94–110 GoboShk 4 (wheel slot 5) 111–127 GoboShk 5 (wheel slot 6) 128–145 GoboShk 6 (wheel slot 7) 146–200 FW Slow>Fast 201–255 BW Slow>Fast
12	Gobo Rotation	0	0–127 Index 128–190 FW 191–192 Stop 193–255 BW
13	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
14	Gobo 2	0	0–5 Open (wheel slot 1) 6–11 Gobo 1 (wheel slot 2) 12–17 Gobo 2 (wheel slot 3) 18–22 Gobo 3 (wheel slot 4) 23–28 Gobo 4 (wheel slot 5) 29–34 Gobo 5 (wheel slot 6) 35–40 Gobo 6 (wheel slot 7) 41–58 GoboShk 1 (wheel slot 2) 59–75 GoboShk 2 (wheel slot 3) 76–93 GoboShk 3 (wheel slot 4) 94–110 GoboShk 4 (wheel slot 5) 111–127 GoboShk 5 (wheel slot 6) 128–145 GoboShk 6 (wheel slot 7) 146–200 FW Slow>Fast 201–255 BW Slow>Fast
15	Gobo Rotation 2	0	0–127 Index 128–190 FW 191–192 Stop 193–255 BW
16	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
17	Prism	128	0–0 Open (wheel slot 1) 1–127 Prism1 (wheel slot 2) 128–128 Open (wheel slot 1) 129–254 Prism2 (wheel slot 3) 255–255 Open (wheel slot 1)

Standard (continued)

Ch	Function	Default	DMX values
18	Prism Rotation	0	0–126 0 (wheel slot 2) 127–127 540 (wheel slot 2) 128–190 CW Fast>Slow (wheel slot 2) 191–192 Stop (wheel slot 2) 193–255 CCW Slow>Fast (wheel slot 2)
19	Animation Wheel1	0	0–7 Open (wheel slot 1) 8–255 Animation (wheel slot 2)
20	Animation Wheel1Pos Rotate	0	0–3 Stop (wheel slot 2) 4–127 CW Slow>Fast (wheel slot 2) 128–131 Stop (wheel slot 2) 132–255 CCW Slow>Fast (wheel slot 2)
21	Frost1	0	0–254 Open (wheel slot 1) 255–255 Frost (wheel slot 2)
22	Focus	0	0–254 Distant 255–255 Near
23	Focus Fine	0	Fine byte of Focus
24	Zoom	0	0–127 Narrow 128–254 Home 255–255 Wide
25	Zoom Fine	0	Fine byte of Zoom
26	Blade1A	0	0–127 Min 1A 128–254 Center 255–255 Max 1A
27	Blade1Rot	128	0–0 -30 1–127 -30 - 0 128–128 0 129–254 0 - 30 255–255 30
28	Blade2A	0	0–127 Min 2A 128–254 Center 255–255 Max 2A
29	Blade2Rot	128	0–0 -30 1–127 -30 - 0 128–128 0 129–254 0 - 30 255–255 30
30	Blade3A	0	0–127 Min 3A 128–254 Center 255–255 Max 3A
31	Blade3Rot	128	0–0 -30 1–127 -30 - 0 128–128 0 129–254 0 - 30 255–255 30
32	Blade4A	0	0–127 MIn 4A 128–254 Center 255–255 Max 4A
33	Blade4Rot	128	0–0 -30 1–127 -30 - 0 128–128 0 129–254 0 - 30 255–255 30
34	Shaper Rot	128	0–0 Left 1–127 Left>Center 128–128 Center 129–254 Center>Right 255–255 Right

Standard (continued)

Ch	Function	Default	DMX values
35	Shaper Macros	0	0–3 Off 4–11 Macro 1 12–18 Macro 2 19–25 Macro 3 26–32 Macro 4 33–39 Macro 5 40–47 Macro 6 48–54 Macro 7 55–61 Macro 8 62–68 Macro 9 69–75 Macro 10 76–82 Macro 11 83–90 Macro 12 91–97 Macro 13 98–104 Macro 14 105–111 Macro 15 112–118 Macro 16 119–125 Macro 17 126–133 Macro 18 134–140 Macro 19 141–147 Macro 20 148–154 Macro 21 155–161 Macro 22 162–168 Macro 23 169–176 Macro 24 177–183 Macro 25 184–190 Macro 26 191–197 Macro 27 198–204 Macro 28 205–211 Macro 29 212–219 Macro 30 220–226 Macro 31 227–233 Macro 32 234–240 Macro 33 241–247 Macro 34 248–255 Macro 35
36	Shaper Macros Speed	0	0–254 Slow 255–255 Fast
37	Pan	127	
38	Pan Fine	255	Fine byte of Pan
39	Tilt	127	
40	Tilt Fine	255	Fine byte of Tilt
41	Fixture Global Reset	0	0–25 Unused Range 26–76 Effect Reset 77–127 P/T Reset 128–255 Complete Reset

Standard (continued)

Ch	Function	Default	DMX values
42	Function	0	0–5 Hme-Zero 6–11 Freq 600Hz 12–17 Freq 1200Hz 18–22 Freq 2000Hz 23–28 Freq 4000Hz 29–34 Freq 6000Hz 35–40 Freq 20000Hz # 41–50 Dim Curve 1 # 51–60 Dim Curve 2 61–70 Dim Curve 3 71–75 Dim Curve 4 76–80 Dim Curve 5 81–90 Fan Constant 91–100 Fan Auto # 101–110 Fan Silent 111–120 Fan Theatre 121–125 Sunsafe OFF 126–130 Sunsafe ON # 131–135 Dimmer Fade OFF 136–140 Dimmer Fade ON # 141–160 No Function 161–165 P/T Disable OFF # 166–170 P/T Disable ON 171–180 P/T Smooth OFF 181–190 P/T Smooth ON # 191–195 P/T Speed Slow 196–200 P/T Speed Med 201–205 P/T Speed Fast # 206–210 P/T Speed FS 211–215 Z/F Speed STD # 216–220 Z/F Speed Fast 221–230 CMY Normal 231–240 CMY Fast # 241–246 Display OFF # 247–252 Display ON 255–255 Default Function Recall
43	Tint	0	0–0 Off 1–126 -1/2Green>Neutral 127–128 Neutral 129–255 Neutral>+1/2Green