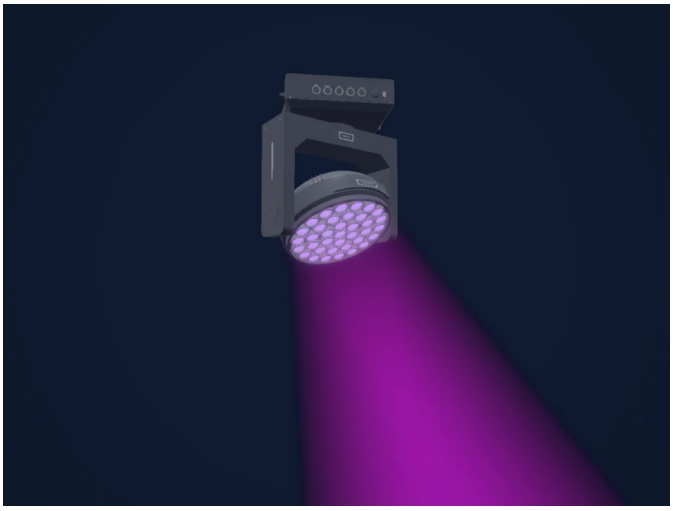
Clay Paky

A.leda Wash K20



Manufacturer	**Clay Paky**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**20, 31, 131, 168 channels**
Beam angle	**8.8-42.5°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**37**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**FC24EE88-19A8-5BA2-A69C-F8…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Effect waveforms · Dimmer · Pixel control · Pan and tilt

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

Standard	20 ch
Shapes	31 ch
Extended	131 ch
Extended RGBW	168 ch

Standard

20 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	C TO	0	0–9 UNUSED RANGE 10–255 8000 K to 2500 K

Standard (continued)

Ch	Function	Default	DMX values
10	Color Macro1	0	0–9 Macro color OFF 10–10 Red 11–11 Green 12–12 Blue 13–13 Cyan 14–14 Yellow 15–15 Magenta 16–16 White 7000 K 17–17 White 3700 K 18–18 White 5000 K 19–19 Black 20–22 Medium Yellow 23–26 Straw Tint 27–28 Surprise Peach 29–29 Fire 30–30 Medium Amber 31–31 Gold Amber 32–34 Dark Amber 35–44 Sunrise Red 45–45 Light Pink 46–48 Medium Pink 49–61 Pink Carnation 62–67 Light Lavender 68–77 Lavender 78–88 Sky Blue 89–99 Just Blue 100–109 Dark yellow green 110–111 Spring Yellow 112–112 Light Amber 113–113 Straw 114–114 Deep Amber 115–116 Orange 117–117 Light Rose 118–118 English Rose 119–119 Light Salmon 120–120 Middle Rose 121–122 Dark Pink 123–124 Magenta 125–125 Peacock Blue 126–126 Med Blu Green 127–127 Steel Blue 128–128 Light Blue 129–130 Dark Blue 131–133 Leaf Green 134–135 Dark Green 136–137 Mauve 138–141 Bright Pink 142–144 Medium Blue 145–145 Deep Golden Amber 146–146 Pale Lavender 147–148 Special lavender 149–150 Primary Green 151–156 Bright Blue 157–161 Apricot 162–167 Pale Gold 168–171 Deep Orange 172–173 Bastard Amber 174–174 Flame Red 175–178 Daylight Blue 179–179 Lilac Tint 180–183 Deep lavender 184–190 Dark Steel Blue 191–206 Congo Blue 207–207 Alice Blue

Standard (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	104	0–3 LED OFF 4–103 Strobe slow (1 flash/sec) to fast (25 flash/sec) 1–25 Hz 104–107 LED ON 108–207 Pulsation slow (0,5 flash/sec) to fast (25 flash/sec) ... 208–212 LED ON 213–225 Random slow strobe 226–238 Random medium strobe 239–251 Random fast strobe 252–255 LED ON
12	Dimmer	0	
13	Dimmer Fine	0	Fine byte of Dimmer
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	128	
17	Tilt Fine	0	Fine byte of Tilt
18	Control1	0	0–11 Function off - rearmed 12–23 Pan Tilt Fast (Default) 24–37 Pan Tilt Normal 38–42 Dimmer Curve 1 43–47 Dimmer Curve 2 48–51 Dimmer Curve 3 52–57 Dimmer Curve 4 58–62 RGBW Gamma curve 1 - gamma = 1.0 63–67 RGBW Gamma curve 2 - gamma = 1.5 68–72 RGBW Gamma curve 3 - gamma = 2.0 73–77 Halogen Lamp Simulation OFF (Default) 78–82 Halogen Lamp Simulation, type 1 (750W) 83–87 Halogen Lamp Simulation, type 2 (1000 W) 88–92 Halogen Lamp Simulation, type 3 (1200 W) 93–97 Halogen Lamp Simulation, type 4 (2000 W) 98–102 Halogen Lamp Simulation, type 5 (2500 W) 103–255 Reserved
19	Fixture Global Reset	0	0–25 UNUSED RANGE 26–76 ZOOM RESET 77–127 PAN / TILT RESET 128–255 COMPLETE RESET
20	Zoom	0	

Shapes

31 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	C TO	0	0–9 UNUSED RANGE 10–255 8000 K to 2500 K

Shapes (continued)

Ch	Function	Default	DMX values
10	Color Macro1	0	0–9 Macro color OFF 10–10 Red 11–11 Green 12–12 Blue 13–13 Cyan 14–14 Yellow 15–15 Magenta 16–16 White 7000 K 17–17 White 3700 K 18–18 White 5000 K 19–19 Black 20–22 Medium Yellow 23–26 Straw Tint 27–28 Surprise Peach 29–29 Fire 30–30 Medium Amber 31–31 Gold Amber 32–34 Dark Amber 35–44 Sunrise Red 45–45 Light Pink 46–48 Medium Pink 49–61 Pink Carnation 62–67 Light Lavender 68–77 Lavender 78–88 Sky Blue 89–99 Just Blue 100–109 Dark yellow green 110–111 Spring Yellow 112–112 Light Amber 113–113 Straw 114–114 Deep Amber 115–116 Orange 117–117 Light Rose 118–118 English Rose 119–119 Light Salmon 120–120 Middle Rose 121–122 Dark Pink 123–124 Magenta 125–125 Peacock Blue 126–126 Med Blu Green 127–127 Steel Blue 128–128 Light Blue 129–130 Dark Blue 131–133 Leaf Green 134–135 Dark Green 136–137 Mauve 138–141 Bright Pink 142–144 Medium Blue 145–145 Deep Golden Amber 146–146 Pale Lavender 147–148 Special lavender 149–150 Primary Green 151–156 Bright Blue 157–161 Apricot 162–167 Pale Gold 168–171 Deep Orange 172–173 Bastard Amber 174–174 Flame Red 175–178 Daylight Blue 179–179 Lilac Tint 180–183 Deep lavender 184–190 Dark Steel Blue 191–206 Congo Blue 207–207 Alice Blue

Shapes (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	104	0–3 LED OFF 4–103 Strobe slow (1 flash/sec) to fast (25 flash/sec) 1–25 Hz 104–107 LED ON 108–207 Pulsation slow (0,5 flash/sec) to fast (25 flash/sec) ... 208–212 LED ON 213–225 Random slow strobe 226–238 Random medium strobe 239–251 Random fast strobe 252–255 LED ON
12	Dimmer	0	
13	Dimmer Fine	0	Fine byte of Dimmer
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	128	
17	Tilt Fine	0	Fine byte of Tilt
18	Control1	0	0–11 Function off - rearmed 12–23 Pan Tilt Fast (Default) 24–37 Pan Tilt Normal 38–42 Dimmer Curve 1 43–47 Dimmer Curve 2 48–51 Dimmer Curve 3 52–57 Dimmer Curve 4 58–62 RGBW Gamma curve 1 - gamma = 1.0 63–67 RGBW Gamma curve 2 - gamma = 1.5 68–72 RGBW Gamma curve 3 - gamma = 2.0 73–77 Halogen Lamp Simulation OFF (Default) 78–82 Halogen Lamp Simulation, type 1 (750W) 83–87 Halogen Lamp Simulation, type 2 (1000 W) 88–92 Halogen Lamp Simulation, type 3 (1200 W) 93–97 Halogen Lamp Simulation, type 4 (2000 W) 98–102 Halogen Lamp Simulation, type 5 (2500 W) 103–255 Reserved
19	Fixture Global Reset	0	0–25 UNUSED RANGE 26–76 ZOOM RESET 77–127 PAN / TILT RESET 128–255 COMPLETE RESET
20	Zoom	0	

Shapes (continued)

Ch	Function	Default	DMX values
21	Effect	0	0–7 Macro OFF 8–8 Ring 1 9–9 Ring 2 10–10 Ring 3 11–11 Ring 4 12–12 Ring 1 + 2 13–13 Ring 1 + 3 14–14 Ring 1 + 4 15–15 Ring Opening (Closing) 16–16 Ring Opening (Closing) Filled 17–17 Ring Open/Close (close/open) 18–18 Ring Open/Close (close/open) Filled 19–19 Ring with variable radius 20–20 Ring with variable radius, filled 21–21 Random pixels distribuited on many fixtures 22–22 Random pixels with variable density and speed 23–23 Rainbow 1, variable speed 24–24 Rainbow 2, fixed speed with variable color offset 25–25 Fan (3 arms) 26–26 Bar (2 arms) 27–27 Half moon 28–28 Triangle 29–29 Two rotating bars of different colors 30–30 Two rotating arcs of different colors 31–31 Two rotating arcs of different colors and direction 32–255 Reserved
22	Effect Speed	0	0–126 max to min speed, c.cw rotation / closing effect 127–128 STOP 129–255 min to max speed, cw rotation / opening effect
23	Effects1Fade	0	0–15 Snap 16–245 Smooth, fading curve gamma 0,5 to 2 246–255 Smooth, fading curve with automatic gamma
24	Effects1Adjust1	0	
25	Effects1Adjust2	0	
26	Effects1Adjust3	0	
27	Effects1Adjust4	0	
28	Effects1Adjust5	0	
29	Effects1Adjust6	0	
30	Effects1Adjust7	0	0–4 No fade 5–255 100 ms to 4 sec
31	Effects1Pos	0	

Extended

131 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	C TO	0	

Extended (continued)

Ch	Function	Default	DMX values
10	Color Macro1	0	0–9 Macro color OFF 10–10 Red 11–11 Green 12–12 Blue 13–13 Cyan 14–14 Yellow 15–15 Magenta 16–16 White 7000 K 17–17 White 3700 K 18–18 White 5000 K 19–19 Black 20–22 Medium Yellow 23–26 Straw Tint 27–28 Surprise Peach 29–29 Fire 30–30 Medium Amber 31–31 Gold Amber 32–34 Dark Amber 35–44 Sunrise Red 45–45 Light Pink 46–48 Medium Pink 49–61 Pink Carnation 62–67 Light Lavender 68–77 Lavender 78–88 Sky Blue 89–99 Just Blue 100–109 Dark yellow green 110–111 Spring Yellow 112–112 Light Amber 113–113 Straw 114–114 Deep Amber 115–116 Orange 117–117 Light Rose 118–118 English Rose 119–119 Light Salmon 120–120 Middle Rose 121–122 Dark Pink 123–124 Magenta 125–125 Peacock Blue 126–126 Med Blu Green 127–127 Steel Blue 128–128 Light Blue 129–130 Dark Blue 131–133 Leaf Green 134–135 Dark Green 136–137 Mauve 138–141 Bright Pink 142–144 Medium Blue 145–145 Deep Golden Amber 146–146 Pale Lavender 147–148 Special lavender 149–150 Primary Green 151–156 Bright Blue 157–161 Apricot 162–167 Pale Gold 168–171 Deep Orange 172–173 Bastard Amber 174–174 Flame Red 175–178 Daylight Blue 179–179 Lilac Tint 180–183 Deep lavender 184–190 Dark Steel Blue 191–206 Congo Blue 207–207 Alice Blue

Extended (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	104	0–3 LED OFF 4–103 Strobe slow (1 flash/sec) to fast (25 flash/sec) 1–25 Hz 104–107 LED ON 108–207 Pulsation slow (0,5 flash/sec) to fast (25 flash/sec) ... 208–212 LED ON 213–225 Random slow strobe 226–238 Random medium strobe 239–251 Random fast strobe 252–255 LED ON
12	Dimmer	0	
13	Dimmer Fine	0	Fine byte of Dimmer
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	128	
17	Tilt Fine	0	Fine byte of Tilt
18	Control1	0	0–11 Function off - rearmed 12–23 Pan Tilt Fast (Default) 24–37 Pan Tilt Normal 38–42 Dimmer Curve 1 43–47 Dimmer Curve 2 48–51 Dimmer Curve 3 52–57 Dimmer Curve 4 58–62 RGBW Gamma curve 1 - gamma = 1.0 63–67 RGBW Gamma curve 2 - gamma = 1.5 68–72 RGBW Gamma curve 3 - gamma = 2.0 73–77 Halogen Lamp Simulation OFF (Default) 78–82 Halogen Lamp Simulation, type 1 (750W) 83–87 Halogen Lamp Simulation, type 2 (1000 W) 88–92 Halogen Lamp Simulation, type 3 (1200 W) 93–97 Halogen Lamp Simulation, type 4 (2000 W) 98–102 Halogen Lamp Simulation, type 5 (2500 W) 103–255 Reserved
19	Fixture Global Reset	0	
20	Zoom	0	
21	Red	0	
22	Green	0	
23	Blue	0	
24	Red	0	
25	Green	0	
26	Blue	0	
27	Red	0	
28	Green	0	
29	Blue	0	
30	Red	0	
31	Green	0	
32	Blue	0	
33	Red	0	
34	Green	0	
35	Blue	0	
36	Red	0	
37	Green	0	
38	Blue	0	

Extended (continued)

Ch	Function	Default	DMX values
39	Red	0	
40	Green	0	
41	Blue	0	
42	Red	0	
43	Green	0	
44	Blue	0	
45	Red	0	
46	Green	0	
47	Blue	0	
48	Red	0	
49	Green	0	
50	Blue	0	
51	Red	0	
52	Green	0	
53	Blue	0	
54	Red	0	
55	Green	0	
56	Blue	0	
57	Red	0	
58	Green	0	
59	Blue	0	
60	Red	0	
61	Green	0	
62	Blue	0	
63	Red	0	
64	Green	0	
65	Blue	0	
66	Red	0	
67	Green	0	
68	Blue	0	
69	Red	0	
70	Green	0	
71	Blue	0	
72	Red	0	
73	Green	0	
74	Blue	0	
75	Red	0	
76	Green	0	
77	Blue	0	
78	Red	0	
79	Green	0	
80	Blue	0	
81	Red	0	
82	Green	0	
83	Blue	0	

Extended (continued)

Ch	Function	Default	DMX values
84	Red	0	
85	Green	0	
86	Blue	0	
87	Red	0	
88	Green	0	
89	Blue	0	
90	Red	0	
91	Green	0	
92	Blue	0	
93	Red	0	
94	Green	0	
95	Blue	0	
96	Red	0	
97	Green	0	
98	Blue	0	
99	Red	0	
100	Green	0	
101	Blue	0	
102	Red	0	
103	Green	0	
104	Blue	0	
105	Red	0	
106	Green	0	
107	Blue	0	
108	Red	0	
109	Green	0	
110	Blue	0	
111	Red	0	
112	Green	0	
113	Blue	0	
114	Red	0	
115	Green	0	
116	Blue	0	
117	Red	0	
118	Green	0	
119	Blue	0	
120	Red	0	
121	Green	0	
122	Blue	0	
123	Red	0	
124	Green	0	
125	Blue	0	
126	Red	0	
127	Green	0	
128	Blue	0	

Extended (continued)

Ch	Function	Default	DMX values
129	Red	0	
130	Green	0	
131	Blue	0	

Extended RGBW

168 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	C TO	0	

Extended RGBW (continued)

Ch	Function	Default	DMX values
10	Color Macro1	0	0–9 Macro color OFF 10–10 Red 11–11 Green 12–12 Blue 13–13 Cyan 14–14 Yellow 15–15 Magenta 16–16 White 7000 K 17–17 White 3700 K 18–18 White 5000 K 19–19 Black 20–22 Medium Yellow 23–26 Straw Tint 27–28 Surprise Peach 29–29 Fire 30–30 Medium Amber 31–31 Gold Amber 32–34 Dark Amber 35–44 Sunrise Red 45–45 Light Pink 46–48 Medium Pink 49–61 Pink Carnation 62–67 Light Lavender 68–77 Lavender 78–88 Sky Blue 89–99 Just Blue 100–109 Dark yellow green 110–111 Spring Yellow 112–112 Light Amber 113–113 Straw 114–114 Deep Amber 115–116 Orange 117–117 Light Rose 118–118 English Rose 119–119 Light Salmon 120–120 Middle Rose 121–122 Dark Pink 123–124 Magenta 125–125 Peacock Blue 126–126 Med Blu Green 127–127 Steel Blue 128–128 Light Blue 129–130 Dark Blue 131–133 Leaf Green 134–135 Dark Green 136–137 Mauve 138–141 Bright Pink 142–144 Medium Blue 145–145 Deep Golden Amber 146–146 Pale Lavender 147–148 Special lavender 149–150 Primary Green 151–156 Bright Blue 157–161 Apricot 162–167 Pale Gold 168–171 Deep Orange 172–173 Bastard Amber 174–174 Flame Red 175–178 Daylight Blue 179–179 Lilac Tint 180–183 Deep lavender 184–190 Dark Steel Blue 191–206 Congo Blue 207–207 Alice Blue

Extended RGBW (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	104	0–3 LED OFF 4–103 Strobe slow (1 flash/sec) to fast (25 flash/sec) 1–25 Hz 104–107 LED ON 108–207 Pulsation slow (0,5 flash/sec) to fast (25 flash/sec) ... 208–212 LED ON 213–225 Random slow strobe 226–238 Random medium strobe 239–251 Random fast strobe 252–255 LED ON
12	Dimmer	0	
13	Dimmer Fine	0	Fine byte of Dimmer
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	128	
17	Tilt Fine	0	Fine byte of Tilt
18	Control1	0	0–11 Function off - rearmed 12–23 Pan Tilt Fast (Default) 24–37 Pan Tilt Normal 38–42 Dimmer Curve 1 43–47 Dimmer Curve 2 48–51 Dimmer Curve 3 52–57 Dimmer Curve 4 58–62 RGBW Gamma curve 1 - gamma = 1.0 63–67 RGBW Gamma curve 2 - gamma = 1.5 68–72 RGBW Gamma curve 3 - gamma = 2.0 73–77 Halogen Lamp Simulation OFF (Default) 78–82 Halogen Lamp Simulation, type 1 (750W) 83–87 Halogen Lamp Simulation, type 2 (1000 W) 88–92 Halogen Lamp Simulation, type 3 (1200 W) 93–97 Halogen Lamp Simulation, type 4 (2000 W) 98–102 Halogen Lamp Simulation, type 5 (2500 W) 103–255 Reserved
19	Fixture Global Reset	0	
20	Zoom	0	
21	Red	0	
22	Green	0	
23	Blue	0	
24	White	0	
25	Red	0	
26	Green	0	
27	Blue	0	
28	White	0	
29	Red	0	
30	Green	0	
31	Blue	0	
32	White	0	
33	Red	0	
34	Green	0	
35	Blue	0	
36	White	0	
37	Red	0	
38	Green	0	

Extended RGBW (continued)

Ch	Function	Default	DMX values
39	Blue	0	
40	White	0	
41	Red	0	
42	Green	0	
43	Blue	0	
44	White	0	
45	Red	0	
46	Green	0	
47	Blue	0	
48	White	0	
49	Red	0	
50	Green	0	
51	Blue	0	
52	White	0	
53	Red	0	
54	Green	0	
55	Blue	0	
56	White	0	
57	Red	0	
58	Green	0	
59	Blue	0	
60	White	0	
61	Red	0	
62	Green	0	
63	Blue	0	
64	White	0	
65	Red	0	
66	Green	0	
67	Blue	0	
68	White	0	
69	Red	0	
70	Green	0	
71	Blue	0	
72	White	0	
73	Red	0	
74	Green	0	
75	Blue	0	
76	White	0	
77	Red	0	
78	Green	0	
79	Blue	0	
80	White	0	
81	Red	0	
82	Green	0	
83	Blue	0	

Extended RGBW (continued)

Ch	Function	Default	DMX values
84	White	0	
85	Red	0	
86	Green	0	
87	Blue	0	
88	White	0	
89	Red	0	
90	Green	0	
91	Blue	0	
92	White	0	
93	Red	0	
94	Green	0	
95	Blue	0	
96	White	0	
97	Red	0	
98	Green	0	
99	Blue	0	
100	White	0	
101	Red	0	
102	Green	0	
103	Blue	0	
104	White	0	
105	Red	0	
106	Green	0	
107	Blue	0	
108	White	0	
109	Red	0	
110	Green	0	
111	Blue	0	
112	White	0	
113	Red	0	
114	Green	0	
115	Blue	0	
116	White	0	
117	Red	0	
118	Green	0	
119	Blue	0	
120	White	0	
121	Red	0	
122	Green	0	
123	Blue	0	
124	White	0	
125	Red	0	
126	Green	0	
127	Blue	0	
128	White	0	

Extended RGBW (continued)

Ch	Function	Default	DMX values
129	Red	0	
130	Green	0	
131	Blue	0	
132	White	0	
133	Red	0	
134	Green	0	
135	Blue	0	
136	White	0	
137	Red	0	
138	Green	0	
139	Blue	0	
140	White	0	
141	Red	0	
142	Green	0	
143	Blue	0	
144	White	0	
145	Red	0	
146	Green	0	
147	Blue	0	
148	White	0	
149	Red	0	
150	Green	0	
151	Blue	0	
152	White	0	
153	Red	0	
154	Green	0	
155	Blue	0	
156	White	0	
157	Red	0	
158	Green	0	
159	Blue	0	
160	White	0	
161	Red	0	
162	Green	0	
163	Blue	0	
164	White	0	
165	Red	0	
166	Green	0	
167	Blue	0	
168	White	0	

Fixture model: gdtf-clay-paky-a-leda-wash-k20-2611020401
Creator: HitLight
Modifications: Original HitLight 3D housing: scripted parametric geometry modelled by HitLight from public product photos and the manufactu...