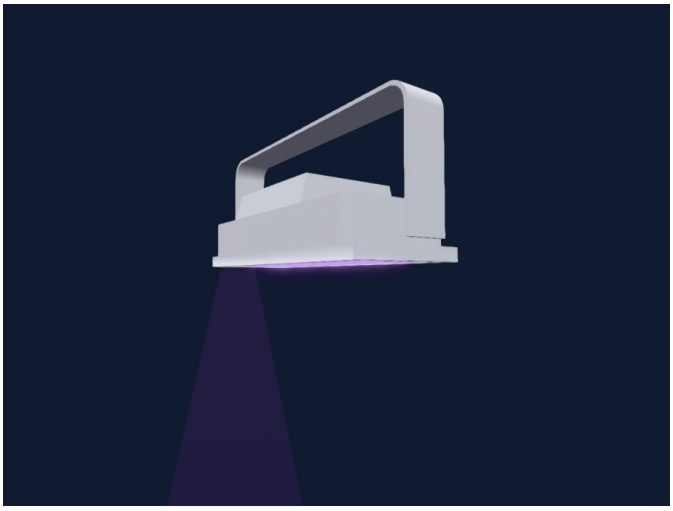
Clay Paky

Tambora Rays



Manufacturer	**Clay Paky**
Type	**Effect light**
DMX modes	**4**
DMX footprint	**4, 10, 26, 32 channels**
Beam angle	**25°**
Heads / cells	**2**
Size (W × H × D)	**532 × 200 × 66 mm**
GDTF fixture type	**4126BF80-41C2-439D-A694-19…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control

DMX modes

RGBW	4 ch
Basic	10 ch
Advanced	26 ch
Standard	32 ch

RGBW

4 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	

Basic

10 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 0% (wheel slot 1) 255–255 100%
2	Green	0	0–254 0% (wheel slot 1) 255–255 100%
3	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
4	White	0	0–254 0% (wheel slot 1) 255–255 100%
5	C TO	0	0–9 Off 10–254 8000K (wheel slot 1) 255–255 2700K
6	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Strobe · Slow 1–24.8 Hz 103–103 Strobe · Fast 25 Hz 104–107 Open (wheel slot 1) 108–206 Pulsation strobe · Slow 0.5–24.8 Hz (wheel slot 1) 207–207 Pulsation strobe · Fast 25 Hz 208–212 Open (wheel slot 1) 213–225 Random · Slow 1–8.58 Hz 226–238 Random · Medium 9.21–16.8 Hz 239–251 Random · Fast 17.4–25 Hz 252–255 Open (wheel slot 1)
7	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
8	Dimmer Fine	0	Fine byte of Dimmer
9	Color Crossfade	0	0–254 Fast (wheel slot 1) 255–255 Slow

Basic (continued)

Ch	Function	Default	DMX values
10	Control1	0	0–1 No Function (wheel slot 1) 2–3 Fans Auto (wheel slot 1) 4–5 Fans SLN (wheel slot 1) 6–7 Fans Theatre (wheel slot 1) 8–9 Fans Constant (wheel slot 1) 10–37 Reserved (wheel slot 1) 38–42 Dimmer Curve 1 (wheel slot 1) 43–47 Dimmer Curve 2 (wheel slot 1) 48–52 Dimmer Curve 3 (wheel slot 1) 53–55 Dimmer Curve 4 (wheel slot 1) 56–57 Dimmer Curve 5 (wheel slot 1) 58–62 1 63–67 1 point 5 68–72 2 point 2 73–84 Reserved (wheel slot 1) 85–86 Rev Map Off (wheel slot 1) 87–88 Rev Map On (wheel slot 1) 89–92 Free (wheel slot 1) 93–102 Pixel Map Off (wheel slot 1) 103–107 Pixel Map RGBW (wheel slot 1) 108–167 Reserved (wheel slot 1) 168–188 1000Hz (wheel slot 1) 189–199 2000Hz (wheel slot 1) 200–210 3000Hz (wheel slot 1) 211–221 4000Hz (wheel slot 1) 222–232 6000Hz (wheel slot 1) 233–243 25000Hz (wheel slot 1) 244–248 Display Off (wheel slot 1) 249–253 Display On (wheel slot 1) 254–255 Default Function Recall

Advanced

26 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 0% (wheel slot 1) 255–255 100%
2	Green	0	0–254 0% (wheel slot 1) 255–255 100%
3	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
4	White	0	0–254 0% (wheel slot 1) 255–255 100%
5	C TO	0	0–9 Off 10–254 8000K (wheel slot 1) 255–255 2700K
6	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Strobe · Slow 1–24.8 Hz 103–103 Strobe · Fast 25 Hz 104–107 Open (wheel slot 1) 108–206 Pulsation strobe · Slow 0.5–24.8 Hz (wheel slot 1) 207–207 Pulsation strobe · Fast 25 Hz 208–212 Open (wheel slot 1) 213–225 Random · Slow 1–8.58 Hz 226–238 Random · Medium 9.21–16.8 Hz 239–251 Random · Fast 17.4–25 Hz 252–255 Open (wheel slot 1)
7	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%

Advanced (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Strobe · Slow 1–24.8 Hz 103–103 Strobe · Fast 25 Hz 104–107 Open (wheel slot 1) 108–206 Pulsation strobe · Slow 0.5–24.8 Hz (wheel slot 1) 207–207 Pulsation strobe · Fast 25 Hz 208–212 Open (wheel slot 1) 213–225 Random · Slow 1–8.58 Hz 226–238 Random · Medium 9.21–16.8 Hz 239–251 Random · Fast 17.4–25 Hz 252–255 Open (wheel slot 1)
9	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
10	Dimmer Fine	0	Fine byte of Dimmer
11	Color Crossfade	0	0–254 Fast (wheel slot 1) 255–255 Slow
12	Control1	0	0–1 No Function (wheel slot 1) 2–3 Fans Auto (wheel slot 1) 4–5 Fans SLN (wheel slot 1) 6–7 Fans Theatre (wheel slot 1) 8–9 Fans Constant (wheel slot 1) 10–37 Reserved (wheel slot 1) 38–42 Dimmer Curve 1 (wheel slot 1) 43–47 Dimmer Curve 2 (wheel slot 1) 48–52 Dimmer Curve 3 (wheel slot 1) 53–55 Dimmer Curve 4 (wheel slot 1) 56–57 Dimmer Curve 5 (wheel slot 1) 58–62 1 63–67 1 point 5 68–72 2 point 2 73–84 Reserved (wheel slot 1) 85–86 Rev Map Off (wheel slot 1) 87–88 Rev Map On (wheel slot 1) 89–92 Free (wheel slot 1) 93–102 Pixel Map Off (wheel slot 1) 103–107 Pixel Map RGBW (wheel slot 1) 108–167 Reserved (wheel slot 1) 168–188 1000Hz (wheel slot 1) 189–199 2000Hz (wheel slot 1) 200–210 3000Hz (wheel slot 1) 211–221 4000Hz (wheel slot 1) 222–232 6000Hz (wheel slot 1) 233–243 25000Hz (wheel slot 1) 244–248 Display Off (wheel slot 1) 249–253 Display On (wheel slot 1) 254–255 Default Function Recall
13	Shape Mode	0	0–5 Off (wheel slot 1) 6–130 Static (wheel slot 1) 131–255 Dynamic (wheel slot 1)

Advanced (continued)

Ch	Function	Default	DMX values
14	Shape Selection	0	0–15 Effect 1 (wheel slot 1) 16–31 Effect 2 (wheel slot 1) 32–47 Effect 3 (wheel slot 1) 48–63 Effect 4 (wheel slot 1) 64–79 Effect 5 (wheel slot 1) 80–95 Effect 6 (wheel slot 1) 96–111 Effect 7 (wheel slot 1) 112–127 Effect 8 (wheel slot 1) 128–143 Effect 9 (wheel slot 1) 144–159 Effect 10 (wheel slot 1) 160–175 Effect 11 (wheel slot 1) 176–191 Effect 12 (wheel slot 1) 192–207 Effect 13 (wheel slot 1) 208–223 Effect 14 (wheel slot 1) 224–239 Effect 15 (wheel slot 1) 240–255 Effect 16 (wheel slot 1)
15	Shape Speed	0	0–124 Index 125–130 Stop 131–255 Backward Slow to Fast
16	Shape Fade	0	0–5 Off (wheel slot 1) 6–130 Fade Increase (wheel slot 1) 131–255 Wake Increase
17	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Strobe · Slow 1–24.8 Hz 103–103 Strobe · Fast 25 Hz 104–107 Open (wheel slot 1) 108–206 Pulsation strobe · Slow 0.5–24.8 Hz (wheel slot 1) 207–207 Pulsation strobe · Fast 25 Hz 208–212 Shape Slave when dimmer@0 (wheel slot 1) 213–225 Random · Slow 1–8.58 Hz 226–238 Random · Medium 9.21–16.8 Hz 239–251 Random · Fast 17.4–25 Hz 252–255 Shape Master when dimmer@0 (wheel slot 1)
18	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
19	Shape Crossfade	0	
20	Red	0	0–254 0% (wheel slot 1) 255–255 100%
21	Green	0	0–254 0% (wheel slot 1) 255–255 100%
22	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
23	White	0	0–254 0% (wheel slot 1) 255–255 100%
24	C TO	0	0–9 Off 10–254 8000K (wheel slot 1) 255–255 2700K
25	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Strobe · Slow 1–24.8 Hz 103–103 Strobe · Fast 25 Hz 104–107 Open (wheel slot 1) 108–206 Pulsation strobe · Slow 0.5–24.8 Hz (wheel slot 1) 207–207 Pulsation strobe · Fast 25 Hz 208–212 Pixels Slave when dimmer@0 (wheel slot 1) 213–225 Random · Slow 1–8.58 Hz 226–238 Random · Medium 9.21–16.8 Hz 239–251 Random · Fast 17.4–25 Hz 252–255 Pixels Master when dimmer@0 (wheel slot 1)

Advanced (continued)

Ch	Function	Default	DMX values
26	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%

Standard

32 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 0% (wheel slot 1) 255–255 100%
2	Red Fine	0	Fine byte of Red
3	Green	0	0–254 0% (wheel slot 1) 255–255 100%
4	Green Fine	0	Fine byte of Green
5	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
6	Blue Fine	0	Fine byte of Blue
7	White	0	0–254 0% (wheel slot 1) 255–255 100%
8	White Fine	0	Fine byte of White
9	C TO	0	0–9 Off 10–254 8000K (wheel slot 1) 255–255 2700K
10	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Strobe · Slow 1–24.8 Hz 103–103 Strobe · Fast 25 Hz 104–107 Open (wheel slot 1) 108–206 Pulsation strobe · Slow 0.5–24.8 Hz (wheel slot 1) 207–207 Pulsation strobe · Fast 25 Hz 208–212 Open (wheel slot 1) 213–225 Random · Slow 1–8.58 Hz 226–238 Random · Medium 9.21–16.8 Hz 239–251 Random · Fast 17.4–25 Hz 252–255 Open (wheel slot 1)
11	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
12	Dimmer Fine	0	Fine byte of Dimmer
13	Color Crossfade	0	0–254 Fast (wheel slot 1) 255–255 Slow

Standard (continued)

Ch	Function	Default	DMX values
14	Control1	0	0–1 No Function (wheel slot 1) 2–3 Fans Auto (wheel slot 1) 4–5 Fans SLN (wheel slot 1) 6–7 Fans Theatre (wheel slot 1) 8–9 Fans Constant (wheel slot 1) 10–37 Reserved (wheel slot 1) 38–42 Dimmer Curve 1 (wheel slot 1) 43–47 Dimmer Curve 2 (wheel slot 1) 48–52 Dimmer Curve 3 (wheel slot 1) 53–55 Dimmer Curve 4 (wheel slot 1) 56–57 Dimmer Curve 5 (wheel slot 1) 58–62 1 63–67 1 point 5 68–72 2 point 2 73–84 Reserved (wheel slot 1) 85–86 Rev Map Off (wheel slot 1) 87–88 Rev Map On (wheel slot 1) 89–92 Free (wheel slot 1) 93–102 Pixel Map Off (wheel slot 1) 103–107 Pixel Map RGBW (wheel slot 1) 108–167 Reserved (wheel slot 1) 168–188 1000Hz (wheel slot 1) 189–199 2000Hz (wheel slot 1) 200–210 3000Hz (wheel slot 1) 211–221 4000Hz (wheel slot 1) 222–232 6000Hz (wheel slot 1) 233–243 25000Hz (wheel slot 1) 244–248 Display Off (wheel slot 1) 249–253 Display On (wheel slot 1) 254–255 Default Function Recall
15	Shape Mode	0	0–5 Off (wheel slot 1) 6–130 Static (wheel slot 1) 131–255 Dynamic (wheel slot 1)
16	Shape Selection	0	0–15 Effect 1 (wheel slot 1) 16–31 Effect 2 (wheel slot 1) 32–47 Effect 3 (wheel slot 1) 48–63 Effect 4 (wheel slot 1) 64–79 Effect 5 (wheel slot 1) 80–95 Effect 6 (wheel slot 1) 96–111 Effect 7 (wheel slot 1) 112–127 Effect 8 (wheel slot 1) 128–143 Effect 9 (wheel slot 1) 144–159 Effect 10 (wheel slot 1) 160–175 Effect 11 (wheel slot 1) 176–191 Effect 12 (wheel slot 1) 192–207 Effect 13 (wheel slot 1) 208–223 Effect 14 (wheel slot 1) 224–239 Effect 15 (wheel slot 1) 240–255 Effect 16 (wheel slot 1)
17	Shape Speed	0	0–124 Index 125–130 Stop 131–255 Backward Slow to Fast
18	Shape Fade	0	0–5 Off (wheel slot 1) 6–130 Fade Increase (wheel slot 1) 131–255 Wake Increase

Standard (continued)

Ch	Function	Default	DMX values
19	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Strobe · Slow 1–24.8 Hz 103–103 Strobe · Fast 25 Hz 104–107 Open (wheel slot 1) 108–206 Pulsation strobe · Slow 0.5–24.8 Hz (wheel slot 1) 207–207 Pulsation strobe · Fast 25 Hz 208–212 Shape Slave when dimmer@0 (wheel slot 1) 213–225 Random · Slow 1–8.58 Hz 226–238 Random · Medium 9.21–16.8 Hz 239–251 Random · Fast 17.4–25 Hz 252–255 Shape Master when dimmer@0 (wheel slot 1)
20	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
21	Shape Crossfade	0	
22	Red	0	0–254 0% (wheel slot 1) 255–255 100%
23	Red Fine	0	Fine byte of Red
24	Green	0	0–254 0% (wheel slot 1) 255–255 100%
25	Green Fine	0	Fine byte of Green
26	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
27	Blue Fine	0	Fine byte of Blue
28	White	0	0–254 0% (wheel slot 1) 255–255 100%
29	White Fine	0	Fine byte of White
30	C TO	0	0–9 Off 10–254 8000K (wheel slot 1) 255–255 2700K
31	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Strobe · Slow 1–24.8 Hz 103–103 Strobe · Fast 25 Hz 104–107 Open (wheel slot 1) 108–206 Pulsation strobe · Slow 0.5–24.8 Hz (wheel slot 1) 207–207 Pulsation strobe · Fast 25 Hz 208–212 Open (wheel slot 1) 213–225 Random · Slow 1–8.58 Hz 226–238 Random · Medium 9.21–16.8 Hz 239–251 Random · Fast 17.4–25 Hz 252–255 Open (wheel slot 1)
32	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%