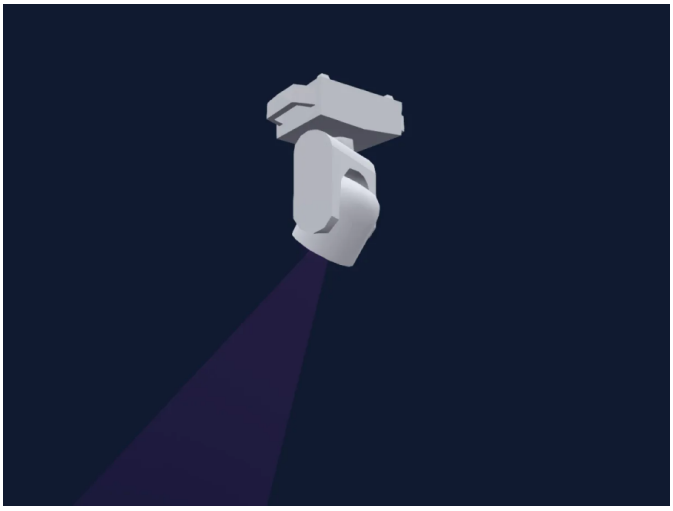
Clay Paky

Mini-B byluca



Manufacturer	**Clay Paky**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**17, 21, 29 channels**
Beam angle	**4-55°**
Pan range	**540°**
Tilt range	**260°**
Heads / cells	**2**
Size (W × H × D)	**159 × 169 × 159 mm**
GDTF fixture type	**41F08A67-6081-481B-A6A6-2A…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Basic RGBW	17 ch
Basic RGBW 16bit	21 ch
Extended RGBW	21 ch
Extended RGBW16bit	29 ch

Basic RGBW

17 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	C TO	0	0–9 Unused Range 10–255 CTO
6	Color1Wheel Index	0	
7	Shutter / Strobe	255	0–3 Close 4–102 Strobe · min 1–11.9 Hz 103–103 Strobe · max 12 Hz 104–107 open 108–206 Pulse · min 1–8.92 Hz 207–207 Pulse · max 9 Hz 208–212 Open 213–250 Random · min 1–11.7 Hz 251–251 Random · max 12 Hz 252–255 Open
8	Dimmer	0	0–254 Close 255–255 Open
9	Dimmer Fine	0	Fine byte of Dimmer
10	Pan	128	
11	Pan Fine	0	Fine byte of Pan
12	Tilt	128	
13	Tilt Fine	0	Fine byte of Tilt
14	Zoom	0	
15	Color Mix MSpeed	0	
16	Function	0	0–1 Unused Range 2–3 Auto 4–5 SLN 6–7 Theatre 8–9 Constant 10–11 Zoom Reposition ON 12–13 Zoom Reposition OFF 14–17 Unused Range 18–24 P/T Fast 25–37 P/T Normal 38–42 Curve 1 43–47 Curve 2 48–52 Curve 3 53–55 Curve 4 56–57 Curve 5 58–62 Raw color gamma 1_1 63–67 Raw color gamma 1_5 68–72 Raw color gamma 2_2 73–77 Col Calib OFF (Def) 78–82 Col Calb Adjust 83–167 Unused Range 168–188 600 Hz 189–199 1200 Hz 200–210 2000 Hz (Def) 211–221 4000 Hz 222–232 6000 Hz 233–241 25000 Hz 242–243 Display OFF 244–245 Display ON 246–253 Unused Range 2 254–255 Defaul Recall

Basic RGBW (continued)

Ch	Function	Default	DMX values
17	Fixture Global Reset	0	0–25 Idle 26–76 Zoom Reset 77–127 Position Reset 128–255 Factory Reset

Basic RGBW 16bit

21 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	255	Fine byte of Red
3	Green	0	
4	Green Fine	255	Fine byte of Green
5	Blue	0	
6	Blue Fine	255	Fine byte of Blue
7	White	0	
8	White Fine	255	Fine byte of White
9	C TO	0	0–9 Unused Range 10–255 CTO
10	Color1Wheel Index	0	
11	Shutter / Strobe	255	0–3 Close 4–102 Strobe · min 1–11.9 Hz 103–103 Strobe · max 12 Hz 104–107 open 108–206 Pulse · min 1–8.92 Hz 207–207 Pulse · max 9 Hz 208–212 Open 213–250 Random · min 1–11.7 Hz 251–251 Random · max 12 Hz 252–255 Open
12	Dimmer	0	0–254 Close 255–255 Open
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	Zoom	0	
19	Color Mix MSpeed	0	

Basic RGBW 16bit (continued)

Ch	Function	Default	DMX values
20	Function	0	0–1 Unused Range 2–3 Auto 4–5 SLN 6–7 Theatre 8–9 Constant 10–11 Zoom Reposition ON 12–13 Zoom Reposition OFF 14–17 Unused Range 18–24 P/T Fast 25–37 P/T Normal 38–42 Curve 1 43–47 Curve 2 48–52 Curve 3 53–55 Curve 4 56–57 Curve 5 58–62 Raw color gamma 1_1 63–72 Empty Channel Set 73–77 Col Calib OFF (Def) 78–82 Col Calb Adjust 83–167 Unused Range 168–188 600 Hz 189–199 1200 Hz 200–210 2000 Hz (Def) 211–221 4000 Hz 222–232 6000 Hz 233–241 25000 Hz 242–243 Display OFF 244–245 Display ON 246–253 Unused Range 2 254–255 Defaul Recall
21	Fixture Global Reset	0	0–25 Idle 26–76 Zoom Reset 77–127 Position Reset 128–255 Factory Reset

Extended RGBW

21 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Red	0	
6	Green	0	
7	Blue	0	
8	White	0	
9	C TO	0	0–9 Unused Range 10–255 CTO
10	Color1Wheel Index	0	

Extended RGBW (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	255	0–3 Close 4–102 Strobe · min 1–11.9 Hz 103–103 Strobe · max 12 Hz 104–107 open 108–206 Pulse · min 1–8.92 Hz 207–207 Pulse · max 9 Hz 208–212 Open 213–250 Random · min 1–11.7 Hz 251–251 Random · max 12 Hz 252–255 Open
12	Dimmer	0	0–254 Close 255–255 Open
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	Zoom	0	
19	Color Mix MSpeed	0	
20	Function	0	0–1 Unused Range 2–3 Auto 4–5 SLN 6–7 Theatre 8–9 Constant 10–11 Zoom Reposition ON 12–13 Zoom Reposition OFF 14–17 Unused Range 18–24 P/T Fast 25–37 P/T Normal 38–42 Curve 1 43–47 Curve 2 48–52 Curve 3 53–55 Curve 4 56–57 Curve 5 58–62 Raw color gamma 1_1 63–67 Raw color gamma 1_5 68–72 Raw color gamma 2_2 73–77 Col Calib OFF (Def) 78–82 Col Calb Adjust 83–167 Unused Range 168–188 600 Hz 189–199 1200 Hz 200–210 2000 Hz (Def) 211–221 4000 Hz 222–232 6000 Hz 233–241 25000 Hz 242–243 Display OFF 244–245 Display ON 246–253 Unused Range 2 254–255 Defaul Recall
21	Fixture Global Reset	0	0–25 Idle 26–76 Zoom Reset 77–127 Position Reset 128–255 Factory Reset

Extended RGBW16bit

29 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	Red	0	
10	Red Fine	0	Fine byte of Red
11	Green	0	
12	Green Fine	0	Fine byte of Green
13	Blue	0	
14	Blue Fine	0	Fine byte of Blue
15	White	0	
16	White Fine	0	Fine byte of White
17	C TO	0	0–9 Unused Range 10–255 CTO
18	Color1Wheel Index	0	
19	Shutter / Strobe	255	0–3 Close 4–102 Strobe · min 1–11.9 Hz 103–103 Strobe · max 12 Hz 104–107 open 108–206 Pulse · min 1–8.92 Hz 207–207 Pulse · max 9 Hz 208–212 Open 213–250 Random · min 1–11.7 Hz 251–251 Random · max 12 Hz 252–255 Open
20	Dimmer	0	0–254 Close 255–255 Open
21	Dimmer Fine	0	Fine byte of Dimmer
22	Pan	128	
23	Pan Fine	0	Fine byte of Pan
24	Tilt	128	
25	Tilt Fine	0	Fine byte of Tilt
26	Zoom	0	
27	Color Mix MSpeed	0	

Extended RGBW16bit (continued)

Ch	Function	Default	DMX values
28	Function	0	0–1 Unused Range 2–3 Auto 4–5 SLN 6–7 Theatre 8–9 Constant 10–11 Zoom Reposition ON 12–13 Zoom Reposition OFF 14–17 Unused Range 18–24 P/T Fast 25–37 P/T Normal 38–42 Curve 1 43–47 Curve 2 48–52 Curve 3 53–55 Curve 4 56–57 Curve 5 58–62 Raw color gamma 1_1 63–67 Raw color gamma 1_5 68–72 Raw color gamma 2_2 73–77 Col Calib OFF (Def) 78–82 Col Calb Adjust 83–167 Unused Range 168–188 600 Hz 189–199 1200 Hz 200–210 2000 Hz (Def) 211–221 4000 Hz 222–232 6000 Hz 233–241 25000 Hz 242–243 Display OFF 244–245 Display ON 246–253 Unused Range 2 254–255 Defaul Recall
29	Fixture Global Reset	0	0–25 Idle 26–76 Zoom Reset 77–127 Position Reset 128–255 Factory Reset