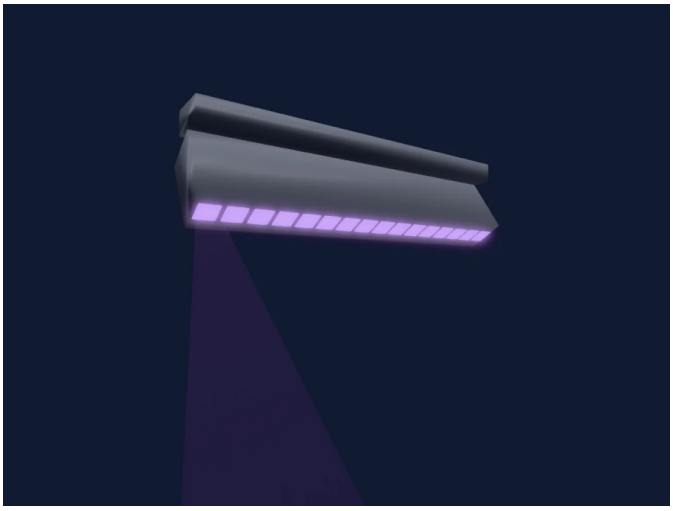
Clay Paky

Tambora Batten



Manufacturer	**Clay Paky**
Type	**Moving head**
DMX modes	**8**
DMX footprint	**3, 4, 13, 17, 27, 29, 35 channels**
Beam angle	**4-40°**
Tilt range	**215°**
Heads / cells	**2**
Size (W × H × D)	**1000 × 180 × 120 mm**
GDTF fixture type	**D3BCAED3-1305-4490-B0A3-D…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions

DMX modes

RGB	3 ch
RGBW	4 ch
Standard RGBW	13 ch
Standard+Pixels	13 ch
Standard RGBW 16bit	17 ch
Shape RGBW	27 ch
Advanced	29 ch
Shape RGBW 16bit	35 ch

RGB

3 channels

Ch	Function	Default	DMX values
1	Red	0	0–127 0 128–254 50 255–255 100
2	Green	0	0–127 0 128–254 50 255–255 100
3	Blue	0	0–127 0 128–254 50 255–255 100

RGBW

4 channels

Ch	Function	Default	DMX values
1	Red	0	0–127 0 128–254 50 255–255 100
2	Green	0	0–127 0 128–254 50 255–255 100
3	Blue	0	0–127 0 128–254 50 255–255 100
4	White	0	0–127 0 128–254 50 255–255 100

Standard RGBW

13 channels

Ch	Function	Default	DMX values
1	Red	0	0–127 0 128–254 50 255–255 100
2	Green	0	0–127 0 128–254 50 255–255 100
3	Blue	0	0–127 0 128–254 50 255–255 100
4	White	0	0–127 0 128–254 50 255–255 100
5	C TO	0	0–9 OFF 10–53 8000K 54–98 7000K 99–116 6000K 117–143 5600K 144–187 5000K 188–223 4000K 224–254 3200K 255–255 2700K

Standard RGBW (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	104	0–3 Close 4–4 Strobe · 1Hz 1 Hz 5–102 Strobe · 1Hz - 25Hz 1.24–24.8 Hz 103–103 Strobe · 25Hz 25 Hz 104–107 Open 108–108 Pulse 1/2Hz 109–206 Pulse · 1/2Hz - 25Hz 0.747–24.8 Hz 207–207 Pulse 25Hz 208–212 Open 213–225 Random Slow 226–238 Random Med 239–251 Random Fast 252–255 Open
7	Dimmer	0	0–254 0 255–255 100
8	Dimmer Fine	0	Fine byte of Dimmer
9	Tilt	128	0–127 107 128–254 Home 255–255 -107
10	Tilt Fine	0	Fine byte of Tilt
11	Zoom	0	0–127 Narrow 128–254 Mid 255–255 Wide

Standard RGBW (continued)

Ch	Function	Default	DMX values
12	Function	0	0–1 HOME-ZERO 2–3 Auto (default) 4–5 Silent 6–7 Theatre 8–9 Constant 10–11 NoFeature 1 12–24 Tilt speed : Fast (Default) 25–37 Tilt speed : Standard 38–42 Dimmer curve 1 (Default) 43–47 Dimmer curve 2 48–52 Dimmer curve 3 53–55 Dimmer curve 4 56–57 Dimmer curve 5 58–62 Gamma 1 63–67 Gamma 1_5 68–72 Gamma 2_2 (Default) 73–74 Color Calibration OFF (Default) 75–76 Color Calibration ON 77–78 Color Calibration Custom 79–80 Set Custom Full White 81–82 Set Custom 3200K 83–84 Set Custom 5600K 85–88 Record Custom Calibration 89–90 Reverse Map OFF (Default) 91–92 Reverse Map ON 93–97 Pixel Map OFF (Default) 98–102 Pixel Map ON RGB 103–107 Pixel Map ON RGBW 108–112 Zoom reposition ON (Default) 113–117 Zoom reposition OFF 118–122 Dimmer Fade OFF 123–127 Dimmer Fade ON 128–167 NoFeature 2 168–188 Freq 600Hz 189–199 Freq 1200Hz 200–210 Freq 2000Hz (Default) 211–221 Freq 4000Hz 222–232 Freq 6000Hz 233–243 Freq 25000Hz 244–248 Display : OFF (Default) 249–253 Display : ON 254–255 Default Function Recall
13	Fixture Global Reset	0	0–25 No Function 26–76 Zoom Reset 77–127 Tilt Reset 128–255 Reset ALL

Standard+Pixels

13 channels

Ch	Function	Default	DMX values
1	Red	0	0–127 0 128–254 50 255–255 100
2	Green	0	0–127 0 128–254 50 255–255 100
3	Blue	0	0–127 0 128–254 50 255–255 100

Standard+Pixels (continued)

Ch	Function	Default	DMX values
4	White	0	0–127 0 128–254 50 255–255 100
5	C TO	0	0–9 OFF 10–53 8000K 54–98 7000K 99–116 6000K 117–143 5600K 144–187 5000K 188–223 4000K 224–254 3200K 255–255 2700K
6	Shutter / Strobe	104	0–3 Close 4–4 Strobe · 1Hz 1 Hz 5–102 Strobe · 1Hz - 25Hz 1.24–24.8 Hz 103–103 Strobe · 25Hz 25 Hz 104–107 Open 108–108 Pulse 1/2Hz 109–206 Pulse · 1/2Hz - 25Hz 0.747–24.8 Hz 207–207 Pulse 25Hz 208–212 Open 213–225 Random Slow 226–238 Random Med 239–251 Random Fast 252–255 Open
7	Dimmer	0	0–254 0 255–255 100
8	Dimmer Fine	0	Fine byte of Dimmer
9	Tilt	128	0–127 107 128–254 Home 255–255 -107
10	Tilt Fine	0	Fine byte of Tilt
11	Zoom	0	0–127 Narrow 128–254 Mid 255–255 Wide

Standard+Pixels (continued)

Ch	Function	Default	DMX values
12	Function	0	0–1 HOME-ZERO 2–3 Auto (default) 4–5 Silent 6–7 Theatre 8–9 Constant 10–11 NoFeature 1 12–24 Tilt speed : Fast (Default) 25–37 Tilt speed : Standard 38–42 Dimmer curve 1 (Default) 43–47 Dimmer curve 2 48–52 Dimmer curve 3 53–55 Dimmer curve 4 56–57 Dimmer curve 5 58–62 Gamma 1 63–67 Gamma 1_5 68–72 Gamma 2_2 (Default) 73–74 Color Calibration OFF (Default) 75–76 Color Calibration ON 77–78 Color Calibration Custom 79–80 Set Custom Full White 81–82 Set Custom 3200K 83–84 Set Custom 5600K 85–88 Record Custom Calibration 89–90 Reverse Map OFF (Default) 91–92 Reverse Map ON 93–97 Pixel Map OFF (Default) 98–102 Pixel Map ON RGB 103–107 Pixel Map ON RGBW 108–112 Zoom reposition ON (Default) 113–117 Zoom reposition OFF 118–122 Dimmer Fade OFF 123–127 Dimmer Fade ON 128–167 NoFeature 2 168–188 Freq 600Hz 189–199 Freq 1200Hz 200–210 Freq 2000Hz (Default) 211–221 Freq 4000Hz 222–232 Freq 6000Hz 233–243 Freq 25000Hz 244–248 Display : OFF (Default) 249–253 Display : ON 254–255 Default Function Recall
13	Fixture Global Reset	0	0–25 No Function 26–76 Zoom Reset 77–127 Tilt Reset 128–255 Reset ALL

Standard RGBW 16bit

17 channels

Ch	Function	Default	DMX values
1	Red	0	0–127 0 128–254 50 255–255 100
2	Red Fine	0	Fine byte of Red
3	Green	0	0–127 0 128–254 50 255–255 100
4	Green Fine	0	Fine byte of Green

Standard RGBW 16bit (continued)

Ch	Function	Default	DMX values
5	Blue	0	0–127 0 128–254 50 255–255 100
6	Blue Fine	0	Fine byte of Blue
7	White	0	0–127 0 128–254 50 255–255 100
8	White Fine	0	Fine byte of White
9	C TO	0	0–9 OFF 10–53 8000K 54–98 7000K 99–116 6000K 117–143 5600K 144–187 5000K 188–223 4000K 224–254 3200K 255–255 2700K
10	Shutter / Strobe	104	0–3 Close 4–4 Strobe · 1Hz 1 Hz 5–102 Strobe · 1Hz - 25Hz 1.24–24.8 Hz 103–103 Strobe · 25Hz 25 Hz 104–107 Open 108–108 Pulse 1/2Hz 109–206 Pulse · 1/2Hz - 25Hz 0.747–24.8 Hz 207–207 Pulse 25Hz 208–212 Open 213–225 Random Slow 226–238 Random Med 239–251 Random Fast 252–255 Open
11	Dimmer	0	0–254 0 255–255 100
12	Dimmer Fine	0	Fine byte of Dimmer
13	Tilt	128	0–127 107 128–254 Home 255–255 -107
14	Tilt Fine	0	Fine byte of Tilt
15	Zoom	0	0–127 Narrow 128–254 Mid 255–255 Wide

Standard RGBW 16bit (continued)

Ch	Function	Default	DMX values
16	Function	0	0–1 HOME-ZERO 2–3 Auto (default) 4–5 Silent 6–7 Theatre 8–9 Constant 10–11 NoFeature 1 12–24 Tilt speed : Fast (Default) 25–37 Tilt speed : Standard 38–42 Dimmer curve 1 (Default) 43–47 Dimmer curve 2 48–52 Dimmer curve 3 53–55 Dimmer curve 4 56–57 Dimmer curve 5 58–62 Gamma 1 63–67 Gamma 1_5 68–72 Gamma 2_2 (Default) 73–74 Color Calibration OFF (Default) 75–76 Color Calibration ON 77–78 Color Calibration Custom 79–80 Set Custom Full White 81–82 Set Custom 3200K 83–84 Set Custom 5600K 85–88 Record Custom Calibration 89–90 Reverse Map OFF (Default) 91–92 Reverse Map ON 93–97 Pixel Map OFF (Default) 98–102 Pixel Map ON RGB 103–107 Pixel Map ON RGBW 108–112 Zoom reposition ON (Default) 113–117 Zoom reposition OFF 118–122 Dimmer Fade OFF 123–127 Dimmer Fade ON 128–167 NoFeature 2 168–188 Freq 600Hz 189–199 Freq 1200Hz 200–210 Freq 2000Hz (Default) 211–221 Freq 4000Hz 222–232 Freq 6000Hz 233–243 Freq 25000Hz 244–248 Display : OFF (Default) 249–253 Display : ON 254–255 Default Function Recall
17	Fixture Global Reset	0	0–25 No Function 26–76 Zoom Reset 77–127 Tilt Reset 128–255 Reset ALL

Shape RGBW

27 channels

Ch	Function	Default	DMX values
1	Red	0	0–127 0 128–254 50 255–255 100
2	Green	0	0–127 0 128–254 50 255–255 100
3	Blue	0	0–127 0 128–254 50 255–255 100

Shape RGBW (continued)

Ch	Function	Default	DMX values
4	White	0	0–127 0 128–254 50 255–255 100
5	C TO	0	0–9 OFF 10–53 8000K 54–98 7000K 99–116 6000K 117–143 5600K 144–187 5000K 188–223 4000K 224–254 3200K 255–255 2700K
6	Shutter / Strobe	104	0–3 Close 4–4 Strobe · 1Hz 1 Hz 5–102 Strobe · 1Hz - 25Hz 1.24–24.8 Hz 103–103 Strobe · 25Hz 25 Hz 104–107 Open 108–108 Pulse 1/2Hz 109–206 Pulse · 1/2Hz - 25Hz 0.747–24.8 Hz 207–207 Pulse 25Hz 208–212 Open 213–225 Random Slow 226–238 Random Med 239–251 Random Fast 252–255 Open
7	Dimmer	0	0–254 0 255–255 100
8	Dimmer Fine	0	Fine byte of Dimmer
9	Tilt	128	0–127 107 128–254 Home 255–255 -107
10	Tilt Fine	0	Fine byte of Tilt
11	Zoom	0	0–127 Narrow 128–254 Mid 255–255 Wide

Shape RGBW (continued)

Ch	Function	Default	DMX values
12	Function	0	0–1 HOME-ZERO 2–3 Auto (default) 4–5 Silent 6–7 Theatre 8–9 Constant 10–11 NoFeature 1 12–24 Tilt speed : Fast (Default) 25–37 Tilt speed : Standard 38–42 Dimmer curve 1 (Default) 43–47 Dimmer curve 2 48–52 Dimmer curve 3 53–55 Dimmer curve 4 56–57 Dimmer curve 5 58–62 Gamma 1 63–67 Gamma 1_5 68–72 Gamma 2_2 (Default) 73–74 Color Calibration OFF (Default) 75–76 Color Calibration ON 77–78 Color Calibration Custom 79–80 Set Custom Full White 81–82 Set Custom 3200K 83–84 Set Custom 5600K 85–88 Record Custom Calibration 89–90 Reverse Map OFF (Default) 91–92 Reverse Map ON 93–97 Pixel Map OFF (Default) 98–102 Pixel Map ON RGB 103–107 Pixel Map ON RGBW 108–112 Zoom reposition ON (Default) 113–117 Zoom reposition OFF 118–122 Dimmer Fade OFF 123–127 Dimmer Fade ON 128–167 NoFeature 2 168–188 Freq 600Hz 189–199 Freq 1200Hz 200–210 Freq 2000Hz (Default) 211–221 Freq 4000Hz 222–232 Freq 6000Hz 233–243 Freq 25000Hz 244–248 Display : OFF (Default) 249–253 Display : ON 254–255 Default Function Recall
13	Fixture Global Reset	0	0–25 No Function 26–76 Zoom Reset 77–127 Tilt Reset 128–255 Reset ALL
14	Shape Selection	0	0–5 Nomal 6–130 Static 131–255 Dynamic

Shape RGBW (continued)

Ch	Function	Default	DMX values
15	Shape Effect	0	0–7 Effect 1 8–15 Effect 2 16–23 Effect 3 24–31 Effect 4 32–38 Effect 5 39–46 Effect 6 47–54 Effect 7 55–62 Effect 8 63–69 Effect 9 70–77 Effect 10 78–85 Effect 11 86–93 Effect 12 94–100 Effect 13 101–108 Effect 14 109–116 Effect 15 117–124 Effect 16 125–131 Effect 17 132–139 Effect 18 140–147 Effect 19 148–155 Effect 20 156–162 Effect 21 163–170 Effect 22 171–178 Effect 23 179–186 Effect 24 187–193 Effect 25 194–201 Effect 26 202–209 Effect 27 210–217 Effect 28 218–224 Effect 29 225–232 Effect 30 233–240 Effect 31 241–248 Effect 32 249–255 Effect 33
16	Shape INDEXSpeed	0	0–119 >>> 120–124 > 125–134 STOP 135–254 < 255–255 <<<
17	Shape Fade	0	0–5 OFF 6–130 Fade 131–255 Wake
18	Shutter / Strobe	104	0–3 Close 4–4 Strobe · 1Hz 1 Hz 5–102 Strobe · 1Hz - 25Hz 1.24–24.8 Hz 103–103 Strobe · 25Hz 25 Hz 104–107 Open 108–108 Pulse 1/2Hz 109–206 Pulse · 1/2Hz - 25Hz 0.747–24.8 Hz 207–207 Pulse 25Hz 208–212 Open 213–225 Random Slow 226–238 Random Med 239–251 Random Fast 252–255 Open
19	Dimmer	0	0–254 0 255–255 100
20	Shape Transition	0	0–0 Cut 1–254 Cut > Fade 255–255 Fade

Shape RGBW (continued)

Ch	Function	Default	DMX values
21	Red	0	0–127 0 128–254 50 255–255 100
22	Green	0	0–127 0 128–254 50 255–255 100
23	Blue	0	0–127 0 128–254 50 255–255 100
24	White	0	0–127 0 128–254 50 255–255 100
25	C TO	0	0–9 OFF 10–53 8000K 54–98 7000K 99–116 6000K 117–143 5600K 144–187 5000K 188–223 4000K 224–254 3200K 255–255 2700K
26	Shutter / Strobe	104	0–3 Close 4–4 Strobe · 1Hz 1 Hz 5–102 Strobe · 1Hz - 25Hz 1.24–24.8 Hz 103–103 Strobe · 25Hz 25 Hz 104–107 Open 108–108 Pulse 1/2Hz 109–206 Pulse · 1/2Hz - 25Hz 0.747–24.8 Hz 207–207 Pulse 25Hz 208–212 Open 213–225 Random Slow 226–238 Random Med 239–251 Random Fast 252–255 Open
27	Dimmer	0	0–254 0 255–255 100

Advanced

29 channels

Ch	Function	Default	DMX values
1	Red	0	0–127 0 128–254 50 255–255 100
2	Green	0	0–127 0 128–254 50 255–255 100
3	Blue	0	0–127 0 128–254 50 255–255 100
4	White	0	0–127 0 128–254 50 255–255 100

Advanced (continued)

Ch	Function	Default	DMX values
5	C TO	0	0–9 OFF 10–53 8000K 54–98 7000K 99–116 6000K 117–143 5600K 144–187 5000K 188–223 4000K 224–254 3200K 255–255 2700K
6	Shutter / Strobe	104	0–3 Close 4–4 Strobe · 1Hz 1 Hz 5–102 Strobe · 1Hz - 25Hz 1.24–24.8 Hz 103–103 Strobe · 25Hz 25 Hz 104–107 Open 108–108 Pulse 1/2Hz 109–206 Pulse · 1/2Hz - 25Hz 0.747–24.8 Hz 207–207 Pulse 25Hz 208–212 Open 213–225 Random Slow 226–238 Random Med 239–251 Random Fast 252–255 Open
7	Dimmer	0	0–254 0 255–255 100
8	Shutter / Strobe	104	0–3 Close 4–4 Strobe · 1Hz 1 Hz 5–102 Strobe · 1Hz - 25Hz 1.24–24.8 Hz 103–103 Strobe · 25Hz 25 Hz 104–107 Open 108–108 Pulse 1/2Hz 109–206 Pulse · 1/2Hz - 25Hz 0.747–24.8 Hz 207–207 Pulse 25Hz 208–212 Open 213–225 Random Slow 226–238 Random Med 239–251 Random Fast 252–255 Open
9	Dimmer	0	0–254 0 255–255 100
10	Dimmer Fine	0	Fine byte of Dimmer
11	Tilt	128	0–127 107 128–254 Home 255–255 -107
12	Tilt Fine	0	Fine byte of Tilt
13	Zoom	0	0–127 Narrow 128–254 Mid 255–255 Wide

Advanced (continued)

Ch	Function	Default	DMX values
14	Function	0	0–1 HOME-ZERO 2–3 Auto (default) 4–5 Silent 6–7 Theatre 8–9 Constant 10–11 NoFeature 1 12–24 Tilt speed : Fast (Default) 25–37 Tilt speed : Standard 38–42 Dimmer curve 1 (Default) 43–47 Dimmer curve 2 48–52 Dimmer curve 3 53–55 Dimmer curve 4 56–57 Dimmer curve 5 58–62 Gamma 1 63–67 Gamma 1_5 68–72 Gamma 2_2 (Default) 73–74 Color Calibration OFF (Default) 75–76 Color Calibration ON 77–78 Color Calibration Custom 79–80 Set Custom Full White 81–82 Set Custom 3200K 83–84 Set Custom 5600K 85–88 Record Custom Calibration 89–90 Reverse Map OFF (Default) 91–92 Reverse Map ON 93–97 Pixel Map OFF (Default) 98–102 Pixel Map ON RGB 103–107 Pixel Map ON RGBW 108–112 Zoom reposition ON (Default) 113–117 Zoom reposition OFF 118–122 Dimmer Fade OFF 123–127 Dimmer Fade ON 128–167 NoFeature 2 168–188 Freq 600Hz 189–199 Freq 1200Hz 200–210 Freq 2000Hz (Default) 211–221 Freq 4000Hz 222–232 Freq 6000Hz 233–243 Freq 25000Hz 244–248 Display : OFF (Default) 249–253 Display : ON 254–255 Default Function Recall
15	Fixture Global Reset	0	0–25 No Function 26–76 Zoom Reset 77–127 Tilt Reset 128–255 Reset ALL
16	Shape Selection	0	0–5 Nomal 6–130 Static 131–255 Dynamic

Advanced (continued)

Ch	Function	Default	DMX values
17	Shape Effect	0	0–7 Effect 1 8–15 Effect 2 16–23 Effect 3 24–31 Effect 4 32–38 Effect 5 39–46 Effect 6 47–54 Effect 7 55–62 Effect 8 63–69 Effect 9 70–77 Effect 10 78–85 Effect 11 86–93 Effect 12 94–100 Effect 13 101–108 Effect 14 109–116 Effect 15 117–124 Effect 16 125–131 Effect 17 132–139 Effect 18 140–147 Effect 19 148–155 Effect 20 156–162 Effect 21 163–170 Effect 22 171–178 Effect 23 179–186 Effect 24 187–193 Effect 25 194–201 Effect 26 202–209 Effect 27 210–217 Effect 28 218–224 Effect 29 225–232 Effect 30 233–240 Effect 31 241–248 Effect 32 249–255 Effect 33
18	Shape INDEXSpeed	0	0–119 >>> 120–124 > 125–134 STOP 135–254 < 255–255 <<<
19	Shape Fade	0	0–5 OFF 6–130 Fade 131–255 Wake
20	Shutter / Strobe	104	0–3 Close 4–4 Strobe · 1Hz 1 Hz 5–102 Strobe · 1Hz - 25Hz 1.24–24.8 Hz 103–103 Strobe · 25Hz 25 Hz 104–107 Open 108–108 Pulse 1/2Hz 109–206 Pulse · 1/2Hz - 25Hz 0.747–24.8 Hz 207–207 Pulse 25Hz 208–212 Open 213–225 Random Slow 226–238 Random Med 239–251 Random Fast 252–255 Open
21	Dimmer	0	0–254 0 255–255 100
22	Shape Transition	0	0–0 Cut 1–254 Cut > Fade 255–255 Fade

Advanced (continued)

Ch	Function	Default	DMX values
23	Red	0	0–127 0 128–254 50 255–255 100
24	Green	0	0–127 0 128–254 50 255–255 100
25	Blue	0	0–127 0 128–254 50 255–255 100
26	White	0	0–127 0 128–254 50 255–255 100
27	C TO	0	0–9 OFF 10–53 8000K 54–98 7000K 99–116 6000K 117–143 5600K 144–187 5000K 188–223 4000K 224–254 3200K 255–255 2700K
28	Shutter / Strobe	104	0–3 Close 4–4 Strobe · 1Hz 1 Hz 5–102 Strobe · 1Hz - 25Hz 1.24–24.8 Hz 103–103 Strobe · 25Hz 25 Hz 104–107 Open 108–108 Pulse 1/2Hz 109–206 Pulse · 1/2Hz - 25Hz 0.747–24.8 Hz 207–207 Pulse 25Hz 208–212 Open 213–225 Random Slow 226–238 Random Med 239–251 Random Fast 252–255 Open
29	Dimmer	0	0–254 0% 255–255 100%

Shape RGBW 16bit

35 channels

Ch	Function	Default	DMX values
1	Red	0	0–127 0 128–254 50 255–255 100
2	Red Fine	0	Fine byte of Red
3	Green	0	0–127 0 128–254 50 255–255 100
4	Green Fine	0	Fine byte of Green
5	Blue	0	0–127 0 128–254 50 255–255 100
6	Blue Fine	0	Fine byte of Blue
7	White	0	0–127 0 128–254 50 255–255 100
8	White Fine	0	Fine byte of White

Shape RGBW 16bit (continued)

Ch	Function	Default	DMX values
9	C TO	0	0–9 OFF 10–53 8000K 54–98 7000K 99–116 6000K 117–143 5600K 144–187 5000K 188–223 4000K 224–254 3200K 255–255 2700K
10	Shutter / Strobe	104	0–3 Close 4–4 Strobe · 1Hz 1 Hz 5–102 Strobe · 1Hz - 25Hz 1.24–24.8 Hz 103–103 Strobe · 25Hz 25 Hz 104–107 Open 108–108 Pulse 1/2Hz 109–206 Pulse · 1/2Hz - 25Hz 0.747–24.8 Hz 207–207 Pulse 25Hz 208–212 Open 213–225 Random Slow 226–238 Random Med 239–251 Random Fast 252–255 Open
11	Dimmer	0	0–254 0 255–255 100
12	Dimmer Fine	0	Fine byte of Dimmer
13	Tilt	128	0–127 107 128–254 Home 255–255 -107
14	Tilt Fine	0	Fine byte of Tilt
15	Zoom	0	0–127 Narrow 128–254 Mid 255–255 Wide

Shape RGBW 16bit (continued)

Ch	Function	Default	DMX values
16	Function	0	0–1 HOME-ZERO 2–3 Auto (default) 4–5 Silent 6–7 Theatre 8–9 Constant 10–11 NoFeature 1 12–24 Tilt speed : Fast (Default) 25–37 Tilt speed : Standard 38–42 Dimmer curve 1 (Default) 43–47 Dimmer curve 2 48–52 Dimmer curve 3 53–55 Dimmer curve 4 56–57 Dimmer curve 5 58–62 Gamma 1 63–67 Gamma 1_5 68–72 Gamma 2_2 (Default) 73–74 Color Calibration OFF (Default) 75–76 Color Calibration ON 77–78 Color Calibration Custom 79–80 Set Custom Full White 81–82 Set Custom 3200K 83–84 Set Custom 5600K 85–88 Record Custom Calibration 89–90 Reverse Map OFF (Default) 91–92 Reverse Map ON 93–97 Pixel Map OFF (Default) 98–102 Pixel Map ON RGB 103–107 Pixel Map ON RGBW 108–112 Zoom reposition ON (Default) 113–117 Zoom reposition OFF 118–122 Dimmer Fade OFF 123–127 Dimmer Fade ON 128–167 NoFeature 2 168–188 Freq 600Hz 189–199 Freq 1200Hz 200–210 Freq 2000Hz (Default) 211–221 Freq 4000Hz 222–232 Freq 6000Hz 233–243 Freq 25000Hz 244–248 Display : OFF (Default) 249–253 Display : ON 254–255 Default Function Recall
17	Fixture Global Reset	0	0–25 No Function 26–76 Zoom Reset 77–127 Tilt Reset 128–255 Reset ALL
18	Shape Selection	0	0–5 Nomal 6–130 Static 131–255 Dynamic

Shape RGBW 16bit (continued)

Ch	Function	Default	DMX values
19	Shape Effect	0	0–7 Effect 1 8–15 Effect 2 16–23 Effect 3 24–31 Effect 4 32–38 Effect 5 39–46 Effect 6 47–54 Effect 7 55–62 Effect 8 63–69 Effect 9 70–77 Effect 10 78–85 Effect 11 86–93 Effect 12 94–100 Effect 13 101–108 Effect 14 109–116 Effect 15 117–124 Effect 16 125–131 Effect 17 132–139 Effect 18 140–147 Effect 19 148–155 Effect 20 156–162 Effect 21 163–170 Effect 22 171–178 Effect 23 179–186 Effect 24 187–193 Effect 25 194–201 Effect 26 202–209 Effect 27 210–217 Effect 28 218–224 Effect 29 225–232 Effect 30 233–240 Effect 31 241–248 Effect 32 249–255 Effect 33
20	Shape INDEXSpeed	0	0–119 >>> 120–124 > 125–134 STOP 135–254 < 255–255 <<<
21	Shape Fade	0	0–5 OFF 6–130 Fade 131–255 Wake
22	Shutter / Strobe	104	0–3 Close 4–4 Strobe · 1Hz 1 Hz 5–102 Strobe · 1Hz - 25Hz 1.24–24.8 Hz 103–103 Strobe · 25Hz 25 Hz 104–107 Open 108–108 Pulse 1/2Hz 109–206 Pulse · 1/2Hz - 25Hz 0.747–24.8 Hz 207–207 Pulse 25Hz 208–212 Open 213–225 Random Slow 226–238 Random Med 239–251 Random Fast 252–255 Open
23	Dimmer	0	0–254 0 255–255 100
24	Shape Transition	0	0–0 Cut 1–254 Cut > Fade 255–255 Fade

Shape RGBW 16bit (continued)

Ch	Function	Default	DMX values
25	Red	0	0–127 0 128–254 50 255–255 100
26	Red Fine	0	Fine byte of Red
27	Green	0	0–127 0 128–254 50 255–255 100
28	Green Fine	0	Fine byte of Green
29	Blue	0	0–127 0 128–254 50 255–255 100
30	Blue Fine	0	Fine byte of Blue
31	White	0	0–127 0 128–254 50 255–255 100
32	White Fine	0	Fine byte of White
33	C TO	0	0–9 OFF 10–53 8000K 54–98 7000K 99–116 6000K 117–143 5600K 144–187 5000K 188–223 4000K 224–254 3200K 255–255 2700K
34	Shutter / Strobe	104	0–3 Close 4–4 Strobe · 1Hz 1 Hz 5–102 Strobe · 1Hz - 25Hz 1.24–24.8 Hz 103–103 Strobe · 25Hz 25 Hz 104–107 Open 108–108 Pulse 1/2Hz 109–206 Pulse · 1/2Hz - 25Hz 0.747–24.8 Hz 207–207 Pulse 25Hz 208–212 Open 213–225 Random Slow 226–238 Random Med 239–251 Random Fast 252–255 Open
35	Dimmer	0	0–254 0 255–255 100