Clay Paky

Tambora Glare



Manufacturer	**Clay Paky**
Type	**Blinder**
DMX modes	**8**
DMX footprint	**1, 4, 19, 41, 51, 52, 60, 110 channels**
Beam angle	**25°**
Heads / cells	**3**
Size (W × H × D)	**453 × 487 × 164 mm**
GDTF fixture type	**C0737ECB-79EC-4024-8128-AB…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Double Cell 50ch	1 ch
Pixels RGBA	4 ch
Basic	19 ch
Standard	41 ch
Single Cell 100ch	51 ch
Advanced	52 ch
Basic+RGBA+DoubleCell	60 ch
Basic+RGBA+SingleCell	110 ch

Double Cell 50ch

1 channel

Ch	Function	Default	DMX values
1	White	0	0–254 0% 255–255 100%

Pixels RGBA

4 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 0% 255–255 100%
2	Green	0	0–254 0% 255–255 100%
3	Blue	0	0–254 0% 255–255 100%
4	Color Add RY	0	0–254 0% 255–255 100%

Basic

19 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	0	0–5 Open 6–10 Closed (wheel slot 1) 11–15 Open 2 16–114 Linear strobe · Linear Slow 1–24.8 Hz 115–115 Linear strobe · Linear Fast 25 Hz 116–120 Open 3 (wheel slot 1) 121–150 Random · Rndm Slow 1–8.82 Hz 151–180 Random · Rndm Med 9.09–16.9 Hz 181–210 Random · Rndm Fast 17.2–25 Hz 211–255 Open 4 (wheel slot 1)
2	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
3	Dimmer Fine	0	Fine byte of Dimmer

Basic (continued)

Ch	Function	Default	DMX values
4	Control1	0	0–4 Home-Zero (wheel slot 1) 5–9 Auto # (wheel slot 1) 10–14 Silent (wheel slot 1) 15–19 Theatre (wheel slot 1) 20–24 Constant 25–69 Empty Channel Set 70–74 Dim Curve 1 # 75–79 Dim Curve 2 80–84 Dim Curve 3 85–89 Dim Curve 4 90–94 Dim Curve 5 95–99 Empty Channel Set 100–104 Gamma 1 105–109 Gamma 1_5 110–114 Gamma 2_2 # 115–119 Empty Channel Set 120–124 Freq 0 # (wheel slot 1) 125–129 Freq 1 (wheel slot 1) 130–134 Freq 2 (wheel slot 1) 135–139 Freq 3 (wheel slot 1) 140–144 Freq 4 (wheel slot 1) 145–149 Freq 5 (wheel slot 1) 150–159 Empty Channel Set 160–164 Display OFF # 165–169 Display ON 170–249 Empty Channel Set 250–255 Default Recall
5	Function	0	0–4 Home-Zero 5–9 RGBA Pix OFF # 10–14 RGBA Pix ON 15–19 Strobe Pix OFF # 20–24 Strobe Pix 100ch 25–39 Strobe Pix 50ch 40–44 Rev Map OFF # 45–69 Rev Map ON 70–74 Priority # 75–79 Merge HTP 80–84 xFade (SHP/PIX->BG) 85–89 xFade (BG/PIX->SHP) 90–104 xFade (BG/SHP->PIX) 105–109 Red Shift OFF # 110–129 Red Shift ON 130–134 Dimmer Fade OFF # 135–139 Dimmer Fade ON 140–144 Halogen Pix OFF # 145–149 Halogen Pix ON 150–154 ColCalib OFF # 155–159 ColCalib Factory 160–169 ColCalib Custom 170–174 Set Custom Calib @FullWhite 175–179 Set Custom Calib @3200K 180–189 Set Custom Calib @5600K 190–209 Save Custom Calib 210–214 Power Boost OFF # 215–249 Power Boost ON 250–255 Default Recall
6	Red	0	0–254 0% (wheel slot 1) 255–255 100%
7	Green	0	0–254 0% (wheel slot 1) 255–255 100%

Basic (continued)

Ch	Function	Default	DMX values
8	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
9	Color Add RY	0	0–254 0% (wheel slot 1) 255–255 100%
10	C TO	0	0–9 OFF 10–255 CTO (wheel slot 1)
11	Color Mix MSpeed	0	0–254 Color Crossfade Fast 255–255 Color Crossfade Slow
12	Attack Fade	0	0–254 Attack Fast 255–255 Attack Slow
13	Release Fade	0	0–254 Release Fast 255–255 Release Slow
14	Strobe Mode Effect	0	0–20 Open (wheel slot 1) 21–40 Closed 41–60 Open 2 61–80 Linear 81–100 Ramp Up 101–120 Ramp Down 121–140 Ramp Up/Down 141–160 Random 161–180 Lightning 181–200 Spikes 201–255 Open 3
15	Strobe Duration	0	0–254 20ms 255–255 1s
16	Strobe Frequency	0	0–4 OFF 5–254 0_3 Hz (wheel slot 5) 255–255 25 Hz
17	Dimmer	0	0–254 0% 255–255 100%
18	Color Add WW	0	0–254 0% 255–255 100%
19	Color Add CW	0	0–254 0% 255–255 100%

Standard

41 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	0	0–5 Open 6–10 Closed (wheel slot 1) 11–15 Open 2 16–114 Linear strobe · Linear Slow 1–24.8 Hz 115–115 Linear strobe · Linear Fast 25 Hz 116–120 Open 3 (wheel slot 1) 121–150 Random · Rndm Slow 1–8.82 Hz 151–180 Random · Rndm Med 9.09–16.9 Hz 181–210 Random · Rndm Fast 17.2–25 Hz 211–255 Open 4 (wheel slot 1)
2	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
3	Dimmer Fine	0	Fine byte of Dimmer

Standard (continued)

Ch	Function	Default	DMX values
4	Control1	0	0–4 Home-Zero (wheel slot 1) 5–9 Auto # (wheel slot 1) 10–14 Silent (wheel slot 1) 15–19 Theatre (wheel slot 1) 20–24 Constant 25–69 Empty Channel Set 70–74 Dim Curve 1 # 75–79 Dim Curve 2 80–84 Dim Curve 3 85–89 Dim Curve 4 90–94 Dim Curve 5 95–99 Empty Channel Set 100–104 Gamma 1 105–109 Gamma 1_5 110–114 Gamma 2_2 # 115–119 Empty Channel Set 120–124 Freq 0 # (wheel slot 1) 125–129 Freq 1 (wheel slot 1) 130–134 Freq 2 (wheel slot 1) 135–139 Freq 3 (wheel slot 1) 140–144 Freq 4 (wheel slot 1) 145–149 Freq 5 (wheel slot 1) 150–159 Empty Channel Set 160–164 Display OFF # 165–169 Display ON 170–249 Empty Channel Set 250–255 Default Recall
5	Function	0	0–4 Home-Zero 5–9 RGBA Pix OFF # 10–14 RGBA Pix ON 15–19 Strobe Pix OFF # 20–24 Strobe Pix 100ch 25–39 Strobe Pix 50ch 40–44 Rev Map OFF # 45–69 Rev Map ON 70–74 Priority # 75–79 Merge HTP 80–84 xFade (SHP/PIX->BG) 85–89 xFade (BG/PIX->SHP) 90–104 xFade (BG/SHP->PIX) 105–109 Red Shift OFF # 110–129 Red Shift ON 130–134 Dimmer Fade OFF # 135–139 Dimmer Fade ON 140–144 Halogen Pix OFF # 145–149 Halogen Pix ON 150–154 ColCalib OFF # 155–159 ColCalib Factory 160–169 ColCalib Custom 170–174 Set Custom Calib @FullWhite 175–179 Set Custom Calib @3200K 180–189 Set Custom Calib @5600K 190–209 Save Custom Calib 210–214 Power Boost OFF # 215–249 Power Boost ON 250–255 Default Recall
6	Red	0	0–254 0% (wheel slot 1) 255–255 100%
7	Red Fine	0	Fine byte of Red
8	Green	0	0–254 0% (wheel slot 1) 255–255 100%

Standard (continued)

Ch	Function	Default	DMX values
9	Green Fine	0	Fine byte of Green
10	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
11	Blue Fine	0	Fine byte of Blue
12	Color Add RY	0	0–254 0% (wheel slot 1) 255–255 100%
13	Color Add RY Fine	0	Fine byte of Color Add RY
14	C TO	0	0–9 OFF 10–255 CTO (wheel slot 1)
15	Color Mix MSpeed	0	0–254 Color Crossfade Fast 255–255 Color Crossfade Slow
16	Attack Fade	0	0–254 Attack Fast 255–255 Attack Slow
17	Release Fade	0	0–254 Release Fast 255–255 Release Slow
18	Shutter / Strobe	0	0–5 Open 6–10 Closed (wheel slot 1) 11–15 Open 2 16–114 Linear strobe · Linear Slow 1–24.8 Hz 115–115 Linear strobe · Linear Fast 25 Hz 116–120 Open 3 (wheel slot 1) 121–150 Random · Rndm Slow 1–8.82 Hz 151–180 Random · Rndm Med 9.09–16.9 Hz 181–210 Random · Rndm Fast 17.2–25 Hz 211–255 Open 4 (wheel slot 1)
19	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
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	Color Add RY	0	0–254 0% (wheel slot 1) 255–255 100%
24	C TO	0	0–9 CTO OFF 10–254 8000K (wheel slot 1) 255–255 2700K
25	Shutter / Strobe	0	0–5 Open 6–10 Closed (wheel slot 1) 11–15 Open 2 16–114 Linear strobe · Linear Slow 1–24.8 Hz 115–115 Linear strobe · Linear Fast 25 Hz 116–120 Open 3 (wheel slot 1) 121–150 Random · Rndm Slow 1–8.82 Hz 151–180 Random · Rndm Med 9.09–16.9 Hz 181–210 Random · Rndm Fast 17.2–25 Hz 211–215 Shape Master when dimmer@0 216–220 Shape Slave when dimmer@0 221–255 Open 4 (wheel slot 1)
26	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
27	Shape Mode	0	0–5 OFF (wheel slot 1) 6–130 Static (wheel slot 1) 131–255 Dynamic (wheel slot 1)

Standard (continued)

Ch	Function	Default	DMX values
28	Shape Selection	0	0–4 Shape 1 (wheel slot 1) 5–9 Shape 2 10–14 Shape 3 15–19 Shape 4 20–24 Shape 5 25–29 Shape 6 30–34 Shape 7 35–39 Shape 8 40–44 Shape 9 45–49 Shape 10 50–54 Shape 11 55–59 Shape 12 60–64 Shape 13 65–69 Shape 14 70–74 Shape 15 75–79 Shape 16 80–84 Shape 17 85–89 Shape 18 90–94 Shape 19 95–99 Shape 20 100–104 Shape 21 105–109 Shape 22 110–114 Shape 23 115–119 Shape 24 120–124 Shape 25 125–129 Shape 26 130–134 Shape 27 135–139 Shape 28 140–144 Shape 29 145–149 Shape 30 150–154 Shape 31 155–159 Shape 32 160–255 Shape 33
29	Shape Index Speed	0	0–124 Index 125–130 Stop 131–255 BW Slow>Fast
30	Shape Fade	0	0–5 OFF (wheel slot 1) 6–130 Fade (wheel slot 1) 131–255 Wake
31	Shape Crossfade	0	0–254 0s (wheel slot 1) 255–255 3s
32	Strobe Mode Effect	0	0–20 Open (wheel slot 1) 21–40 Closed 41–60 Open 2 61–80 Linear 81–100 Ramp Up 101–120 Ramp Down 121–140 Ramp Up/Down 141–160 Random 161–180 Lightning 181–200 Spikes 201–255 Open 3
33	Strobe Duration	0	0–254 20ms 255–255 1s
34	Strobe Frequency	0	0–4 OFF 5–254 0_3 Hz (wheel slot 5) 255–255 25 Hz
35	Dimmer	0	0–254 0% 255–255 100%

Standard (continued)

Ch	Function	Default	DMX values
36	Color Add WW	0	0–254 0% 255–255 100%
37	Color Add CW	0	0–254 0% 255–255 100%
38	Shape Mode	0	0–5 Normal (wheel slot 1) 6–130 Static (wheel slot 1) 131–255 Dynamic (wheel slot 1)
39	Shape Selection	0	0–4 Shape 1 (wheel slot 1) 5–9 Shape 2 10–14 Shape 3 15–19 Shape 4 20–24 Shape 5 25–29 Shape 6 30–34 Shape 7 35–39 Shape 8 40–44 Shape 9 45–49 Shape 10 50–54 Shape 11 55–59 Shape 12 60–64 Shape 13 65–69 Shape 14 70–74 Shape 15 75–79 Shape 16 80–84 Shape 17 85–89 Shape 18 90–94 Shape 19 95–99 Shape 20 100–104 Shape 21 105–109 Shape 22 110–114 Shape 23 115–119 Shape 24 120–124 Shape 25 125–129 Shape 26 130–134 Shape 27 135–139 Shape 28 140–144 Shape 29 145–149 Shape 30 150–154 Shape 31 155–159 Shape 32 160–255 Shape 33
40	Shape Index Speed	0	0–124 Index 125–130 Stop 131–255 BW Slow>Fast
41	Shape Fade	0	0–5 OFF (wheel slot 1) 6–130 Fade (wheel slot 1) 131–255 Wake

Single Cell 100ch

51 channels

Ch	Function	Default	DMX values
1	Color Add WW	0	0–254 0% 255–255 100%
2	Reserved 2	0	
3	Reserved 3	0	
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	

Single Cell 100ch (continued)

Ch	Function	Default	DMX values
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	

Single Cell 100ch (continued)

Ch	Function	Default	DMX values
51	Color Add CW	0	0–254 0% 255–255 100%

Advanced

52 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	0	0–5 Open 6–10 Closed (wheel slot 1) 11–15 Open 2 16–114 Linear strobe · Linear Slow 1–24.8 Hz 115–115 Linear strobe · Linear Fast 25 Hz 116–120 Open 3 (wheel slot 1) 121–150 Random · Rndm Slow 1–8.82 Hz 151–180 Random · Rndm Med 9.09–16.9 Hz 181–210 Random · Rndm Fast 17.2–25 Hz 211–255 Open 4 (wheel slot 1)
2	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
3	Dimmer Fine	0	Fine byte of Dimmer
4	Control1	0	0–4 Home-Zero (wheel slot 1) 5–9 Auto # (wheel slot 1) 10–14 Silent (wheel slot 1) 15–19 Theatre (wheel slot 1) 20–24 Constant 25–69 Empty Channel Set 70–74 Dim Curve 1 # 75–79 Dim Curve 2 80–84 Dim Curve 3 85–89 Dim Curve 4 90–94 Dim Curve 5 95–99 Empty Channel Set 100–104 Gamma 1 105–109 Gamma 1_5 110–114 Gamma 2_2 # 115–119 Empty Channel Set 120–124 Freq 0 # (wheel slot 1) 125–129 Freq 1 (wheel slot 1) 130–134 Freq 2 (wheel slot 1) 135–139 Freq 3 (wheel slot 1) 140–144 Freq 4 (wheel slot 1) 145–149 Freq 5 (wheel slot 1) 150–159 Empty Channel Set 160–164 Display OFF # 165–169 Display ON 170–249 Empty Channel Set 250–255 Default Recall

Advanced (continued)

Ch	Function	Default	DMX values
5	Function	0	0–4 Home-Zero 5–9 RGBA Pix OFF # 10–14 RGBA Pix ON 15–19 Strobe Pix OFF # 20–24 Strobe Pix 100ch 25–39 Strobe Pix 50ch 40–44 Rev Map OFF # 45–69 Rev Map ON 70–74 Priority # 75–79 Merge HTP 80–84 xFade (SHP/PIX->BG) 85–89 xFade (BG/PIX->SHP) 90–104 xFade (BG/SHP->PIX) 105–109 Red Shift OFF # 110–129 Red Shift ON 130–134 Dimmer Fade OFF # 135–139 Dimmer Fade ON 140–144 Halogen Pix OFF # 145–149 Halogen Pix ON 150–154 ColCalib OFF # 155–159 ColCalib Factory 160–169 ColCalib Custom 170–174 Set Custom Calib @FullWhite 175–179 Set Custom Calib @3200K 180–189 Set Custom Calib @5600K 190–209 Save Custom Calib 210–214 Power Boost OFF # 215–249 Power Boost ON 250–255 Default Recall
6	Shutter / Strobe	0	0–5 Open 6–10 Closed (wheel slot 1) 11–15 Open 2 16–114 Linear strobe · Linear Slow 1–24.8 Hz 115–115 Linear strobe · Linear Fast 25 Hz 116–120 Open 3 (wheel slot 1) 121–150 Random · Rndm Slow 1–8.82 Hz 151–180 Random · Rndm Med 9.09–16.9 Hz 181–210 Random · Rndm Fast 17.2–25 Hz 211–255 Open 4 (wheel slot 1)
7	Dimmer	255	0–254 0% 255–255 100%
8	Dimmer Fine	255	Fine byte of Dimmer
9	Dummy	0	
10	Red	0	0–254 0% (wheel slot 1) 255–255 100%
11	Green	0	0–254 0% (wheel slot 1) 255–255 100%
12	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
13	Color Add RY	0	0–254 0% (wheel slot 1) 255–255 100%
14	C TO	0	0–9 OFF 10–255 CTO (wheel slot 1)
15	Attack Fade	0	0–254 Attack Fast 255–255 Attack Slow
16	Release Fade	0	0–254 Release Fast 255–255 Release Slow

Advanced (continued)

Ch	Function	Default	DMX values
17	Shutter / Strobe	0	0–5 Open 6–10 Closed (wheel slot 1) 11–15 Open 2 16–114 Linear strobe · Linear Slow 1–24.8 Hz 115–115 Linear strobe · Linear Fast 25 Hz 116–120 Open 3 (wheel slot 1) 121–150 Random · Rndm Slow 1–8.82 Hz 151–180 Random · Rndm Med 9.09–16.9 Hz 181–210 Random · Rndm Fast 17.2–25 Hz 211–255 Open 4 (wheel slot 1)
18	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
19	Red	0	0–254 0% (wheel slot 1) 255–255 100%
20	Green	0	0–254 0% (wheel slot 1) 255–255 100%
21	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
22	Color Add RY	0	0–254 0% (wheel slot 1) 255–255 100%
23	C TO	0	0–9 CTO OFF 10–254 8000K (wheel slot 1) 255–255 2700K
24	Shutter / Strobe	0	0–5 Open 6–10 Closed (wheel slot 1) 11–15 Open 2 16–114 Linear strobe · Linear Slow 1–24.8 Hz 115–115 Linear strobe · Linear Fast 25 Hz 116–120 Open 3 (wheel slot 1) 121–150 Random · Rndm Slow 1–8.82 Hz 151–180 Random · Rndm Med 9.09–16.9 Hz 181–210 Random · Rndm Fast 17.2–25 Hz 211–215 Shape Master when dimmer@0 216–220 Shape Slave when dimmer@0 221–255 Open 4 (wheel slot 1)
25	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
26	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
27	Shape Selection	0	0–4 Shape 1 (wheel slot 1) 5–9 Shape 2 10–14 Shape 3 15–19 Shape 4 20–24 Shape 5 25–29 Shape 6 30–34 Shape 7 35–39 Shape 8 40–44 Shape 9 45–49 Shape 10 50–54 Shape 11 55–59 Shape 12 60–64 Shape 13 65–69 Shape 14 70–74 Shape 15 75–79 Shape 16 80–84 Shape 17 85–89 Shape 18 90–94 Shape 19 95–99 Shape 20 100–104 Shape 21 105–109 Shape 22 110–114 Shape 23 115–119 Shape 24 120–124 Shape 25 125–129 Shape 26 130–134 Shape 27 135–139 Shape 28 140–144 Shape 29 145–149 Shape 30 150–154 Shape 31 155–159 Shape 32 160–255 Shape 33
28	Shape Index Speed	0	0–124 Index 125–130 Stop 131–255 BW Slow>Fast
29	Shape Fade	0	0–5 OFF (wheel slot 1) 6–130 Fade (wheel slot 1) 131–255 Wake
30	Shape Crossfade	0	0–254 0s (wheel slot 1) 255–255 3s
31	Shutter / Strobe	0	0–10 Open 11–20 Closed (wheel slot 1) 21–30 Open 2 31–129 Linear strobe · Linear Slow 1–24.8 Hz 130–130 Linear strobe · Linear Fast 25 Hz 131–140 Pixels Master when dimmer@0 141–150 Pixels Slave when dimmer@0 151–255 Open 3 (wheel slot 1)
32	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
33	Shutter / Strobe	0	0–5 Open 6–10 Closed (wheel slot 1) 11–15 Open 2 16–114 Linear strobe · Linear Slow 1–24.8 Hz 115–115 Linear strobe · Linear Fast 25 Hz 116–120 Open 3 (wheel slot 1) 121–150 Random · Rndm Slow 1–8.82 Hz 151–180 Random · Rndm Med 9.09–16.9 Hz 181–210 Random · Rndm Fast 17.2–25 Hz 211–255 Open 4 (wheel slot 1)

Advanced (continued)

Ch	Function	Default	DMX values
34	Dimmer	255	0–254 0% (wheel slot 5) 255–255 100%
35	Strobe Mode Effect	0	0–20 Open (wheel slot 1) 21–40 Closed 41–60 Open 2 61–80 Linear 81–100 Ramp Up 101–120 Ramp Down 121–140 Ramp Up/Down 141–160 Random 161–180 Lightning 181–200 Spikes 201–255 Open 3
36	Strobe Duration	0	0–254 20ms 255–255 1s
37	Strobe Frequency	0	0–4 OFF 5–254 0_3 Hz (wheel slot 5) 255–255 25 Hz
38	Dimmer	0	0–254 0% 255–255 100%
39	Color Add WW	0	0–254 0% 255–255 100%
40	Color Add CW	0	0–254 0% 255–255 100%
41	Shutter / Strobe	0	0–5 Open 6–10 Closed (wheel slot 1) 11–15 Open 2 16–114 Linear strobe · Linear Slow 1–24.8 Hz 115–115 Linear strobe · Linear Fast 25 Hz 116–120 Open 3 (wheel slot 1) 121–150 Random · Rndm Slow 1–8.82 Hz 151–180 Random · Rndm Med 9.09–16.9 Hz 181–210 Random · Rndm Fast 17.2–25 Hz 211–215 StShape Master when dimmer@0 216–220 StShape Slave when dimmer@0 221–255 Open 4 (wheel slot 1)
42	Dimmer	0	0–254 0% 255–255 100%
43	Color Add WW	0	0–254 0% 255–255 100%
44	Color Add CW	0	0–254 0% 255–255 100%
45	Shape Mode	0	0–5 Normal (wheel slot 1) 6–130 Static (wheel slot 1) 131–255 Dynamic (wheel slot 1)

Advanced (continued)

Ch	Function	Default	DMX values
46	Shape Selection	0	0–4 Shape 1 (wheel slot 1) 5–9 Shape 2 10–14 Shape 3 15–19 Shape 4 20–24 Shape 5 25–29 Shape 6 30–34 Shape 7 35–39 Shape 8 40–44 Shape 9 45–49 Shape 10 50–54 Shape 11 55–59 Shape 12 60–64 Shape 13 65–69 Shape 14 70–74 Shape 15 75–79 Shape 16 80–84 Shape 17 85–89 Shape 18 90–94 Shape 19 95–99 Shape 20 100–104 Shape 21 105–109 Shape 22 110–114 Shape 23 115–119 Shape 24 120–124 Shape 25 125–129 Shape 26 130–134 Shape 27 135–139 Shape 28 140–144 Shape 29 145–149 Shape 30 150–154 Shape 31 155–159 Shape 32 160–255 Shape 33
47	Shape Index Speed	0	0–124 Index 125–130 Stop 131–255 BW Slow>Fast
48	Shape Fade	0	0–5 OFF (wheel slot 1) 6–130 Fade (wheel slot 1) 131–255 Wake
49	Shutter / Strobe	0	0–10 Open 11–20 Closed (wheel slot 1) 21–30 Open 2 31–129 Linear strobe · Linear Slow 1–24.8 Hz 130–130 Linear strobe · Linear Fast 25 Hz 131–140 Pixels Master when dimmer@0 141–150 Pixels Slave when dimmer@0 151–255 Open 3 (wheel slot 1)
50	Dimmer	0	0–254 0% 255–255 100%
51	Color Add WW	0	0–254 0% 255–255 100%
52	Color Add CW	0	0–254 0% 255–255 100%

Basic+RGBA+DoubleCell

60 channels

Ch	Function	Default	DMX values

Basic+RGBA+DoubleCell (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	0	0–5 Open 6–10 Closed (wheel slot 1) 11–15 Open 2 16–114 Linear strobe · Linear Slow 1–24.8 Hz 115–115 Linear strobe · Linear Fast 25 Hz 116–120 Open 3 (wheel slot 1) 121–150 Random · Rndm Slow 1–8.82 Hz 151–180 Random · Rndm Med 9.09–16.9 Hz 181–210 Random · Rndm Fast 17.2–25 Hz 211–255 Open 4 (wheel slot 1)
2	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
3	Dimmer Fine	0	Fine byte of Dimmer
4	Control1	0	0–4 Home-Zero (wheel slot 1) 5–9 Auto # (wheel slot 1) 10–14 Silent (wheel slot 1) 15–19 Theatre (wheel slot 1) 20–24 Constant 25–69 Empty Channel Set 70–74 Dim Curve 1 # 75–79 Dim Curve 2 80–84 Dim Curve 3 85–89 Dim Curve 4 90–94 Dim Curve 5 95–99 Empty Channel Set 100–104 Gamma 1 105–109 Gamma 1_5 110–114 Gamma 2_2 # 115–119 Empty Channel Set 120–124 Freq 0 # (wheel slot 1) 125–129 Freq 1 (wheel slot 1) 130–134 Freq 2 (wheel slot 1) 135–139 Freq 3 (wheel slot 1) 140–144 Freq 4 (wheel slot 1) 145–149 Freq 5 (wheel slot 1) 150–159 Empty Channel Set 160–164 Display OFF # 165–169 Display ON 170–249 Empty Channel Set 250–255 Default Recall

Basic+RGBA+DoubleCell (continued)

Ch	Function	Default	DMX values
5	Function	0	0–4 Home-Zero 5–9 RGBA Pix OFF # 10–14 RGBA Pix ON 15–19 Strobe Pix OFF # 20–24 Strobe Pix 100ch 25–39 Strobe Pix 50ch 40–44 Rev Map OFF # 45–69 Rev Map ON 70–74 Priority # 75–79 Merge HTP 80–84 xFade (SHP/PIX->BG) 85–89 xFade (BG/PIX->SHP) 90–104 xFade (BG/SHP->PIX) 105–109 Red Shift OFF # 110–129 Red Shift ON 130–134 Dimmer Fade OFF # 135–139 Dimmer Fade ON 140–144 Halogen Pix OFF # 145–149 Halogen Pix ON 150–154 ColCalib OFF # 155–159 ColCalib Factory 160–169 ColCalib Custom 170–174 Set Custom Calib @FullWhite 175–179 Set Custom Calib @3200K 180–189 Set Custom Calib @5600K 190–209 Save Custom Calib 210–214 Power Boost OFF # 215–249 Power Boost ON 250–255 Default Recall
6	Red	0	0–254 0% (wheel slot 1) 255–255 100%
7	Green	0	0–254 0% (wheel slot 1) 255–255 100%
8	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
9	Color Add RY	0	0–254 0% (wheel slot 1) 255–255 100%
10	C TO	0	0–9 OFF 10–255 CTO (wheel slot 1)
11	Color Mix MSpeed	0	0–254 Color Crossfade Fast 255–255 Color Crossfade Slow
12	Attack Fade	0	0–254 Attack Fast 255–255 Attack Slow
13	Release Fade	0	0–254 Release Fast 255–255 Release Slow
14	Strobe Mode Effect	0	0–20 Open (wheel slot 1) 21–40 Closed 41–60 Open 2 61–80 Linear 81–100 Ramp Up 101–120 Ramp Down 121–140 Ramp Up/Down 141–160 Random 161–180 Lightning 181–200 Spikes 201–255 Open 3
15	Strobe Duration	0	0–254 20ms 255–255 1s

Basic+RGBA+DoubleCell (continued)

Ch	Function	Default	DMX values
16	Strobe Frequency	0	0–4 OFF 5–254 0_3 Hz (wheel slot 5) 255–255 25 Hz
17	Dimmer	0	0–254 0% 255–255 100%
18	Color Add WW	0	0–254 0% 255–255 100%
19	Color Add CW	0	0–254 0% 255–255 100%
20	Red	0	0–254 0% 255–255 100%
21	Green	0	0–254 0% 255–255 100%
22	Blue	0	0–254 0% 255–255 100%
23	Color Add RY	0	0–254 0% 255–255 100%
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	

Basic+RGBA+DoubleCell (continued)

Ch	Function	Default	DMX values
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	White	0	0–254 0% 255–255 100%

Basic+RGBA+SingleCell

110 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	0	0–5 Open 6–10 Closed (wheel slot 1) 11–15 Open 2 16–114 Linear strobe · Linear Slow 1–24.8 Hz 115–115 Linear strobe · Linear Fast 25 Hz 116–120 Open 3 (wheel slot 1) 121–150 Random · Rndm Slow 1–8.82 Hz 151–180 Random · Rndm Med 9.09–16.9 Hz 181–210 Random · Rndm Fast 17.2–25 Hz 211–255 Open 4 (wheel slot 1)
2	Dimmer	0	
3	Dimmer Fine	0	Fine byte of Dimmer
4	Control1	0	
5	Function	0	
6	Red	0	
7	Green	0	
8	Blue	0	
9	Color Add RY	0	
10	C TO	0	
11	Color Mix MSpeed	0	
12	Attack Fade	0	
13	Release Fade	0	
14	Strobe Mode Effect	0	
15	Strobe Duration	0	
16	Strobe Frequency	0	
17	Dimmer	0	
18	Color Add WW	0	
19	Color Add CW	0	
20	Red	0	
21	Green	0	
22	Blue	0	
23	Color Add RY	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	

Basic+RGBA+SingleCell (continued)

Ch	Function	Default	DMX values
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Color Add WW	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	

Basic+RGBA+SingleCell (continued)

Ch	Function	Default	DMX values
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Reserved 101	0	
102	Reserved 102	0	
103	Reserved 103	0	
104	Reserved 104	0	
105	Reserved 105	0	
106	Reserved 106	0	
107	Reserved 107	0	
108	Reserved 108	0	
109	Reserved 109	0	
110	Color Add CW	0	