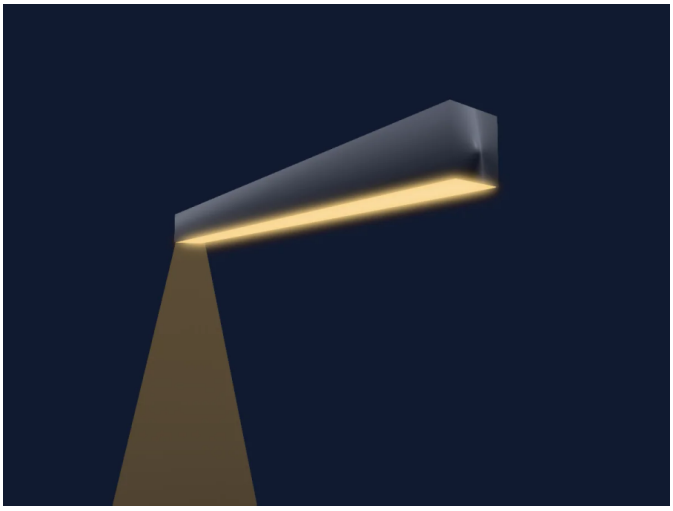
OGSON fixtures

Clay Paky Tambora Linear 100



Manufacturer	**OGSON fixtures**
Type	**PAR**
DMX modes	**10**
DMX footprint	**9, 13, 31, 33, 39, 85, 89, 107, 109, 115 channels**
Beam angle	**25°**
Heads / cells	**3**
Size (W × H × D)	**1000 × 80 × 80 mm**
GDTF fixture type	**99D5A063-A0C5-4399-AFEA-80…**

Controls

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

Safety-relevant functions

Service functions

DMX modes

Standard RGBW	9 ch
Standard RGBW 16-bit	13 ch
Shape RGBW	31 ch
Advanced	33 ch
Shape RGBW 16-bit	39 ch
Standard RGBW 109ch	85 ch
Standard RGBW 16-bit 113ch	89 ch
Shape RGBW 131 ch	107 ch
Advanced 133ch	109 ch
Shape RGBW 16-bit 139ch	115 ch

Standard RGBW

9 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	C TO	0	0–9 No function 10–254 8000 K 255–255 2700 K
6	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Control1	0	0–1 No function 2–3 FAN auto 4–5 FAN slow 6–7 FAN theatre 8–9 FAN max 10–37 No function 38–42 Dimmer curve 1 43–47 Dimmer curve 2 48–52 Dimmer curve 3 53–55 Dimmer curve 4 56–57 Dimmer curve 5 58–62 Raw colour gamma 1 63–67 Raw colour gamma 1 5 68–72 Raw colour gamma 2 2 73–74 Colour calibration OFF 75–76 Colour calibration FACTORY 77–78 Colour calibration CUSTOMIZED 79–80 Set customized calibration at full white 81–82 Set customized calibration at 3200K 83–84 Set customized calibration at 5600K 85–86 Record customized calibration 87–88 No function 89–90 Reverse mapping OFF 91–92 Reverse mapping ON 93–97 Pixel mapping Disabled 98–102 Pixel mapping ON RGB Mode 103–107 Strobe Engine Disable 108–112 Strobe Engine Enable 113–167 No function 168–188 600 Hz 189–199 1200 Hz 200–210 2000 Hz 211–221 4000 Hz 222–232 6000 Hz 233–243 25000 Hz 244–248 Display OFF 249–253 Display ON 254–255 Default function recall

Standard RGBW 16-bit

13 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	C TO	0	0–9 No function 10–254 8000 K 255–255 2700 K
10	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
11	Dimmer	0	0–254 Closed 255–255 Open
12	Dimmer Fine	0	Fine byte of Dimmer

Standard RGBW 16-bit (continued)

Ch	Function	Default	DMX values
13	Control1	0	0–1 No function 2–3 FAN auto 4–5 FAN slow 6–7 FAN theatre 8–9 FAN max 10–37 No function 38–42 Dimmer curve 1 43–47 Dimmer curve 2 48–52 Dimmer curve 3 53–55 Dimmer curve 4 56–57 Dimmer curve 5 58–62 Raw colour gamma 1 63–67 Raw colour gamma 1 5 68–72 Raw colour gamma 2 2 73–74 Colour calibration OFF 75–76 Colour calibration FACTORY 77–78 Colour calibration CUSTOMIZED 79–80 Set customized calibration at full white 81–82 Set customized calibration at 3200K 83–84 Set customized calibration at 5600K 85–86 Record customized calibration 87–88 No function 89–90 Reverse mapping OFF 91–92 Reverse mapping ON 93–97 Pixel mapping Disabled 98–102 Pixel mapping ON RGB Mode 103–107 Strobe Engine Disable 108–112 Strobe Engine Enable 113–167 No function 168–188 600 Hz 189–199 1200 Hz 200–210 2000 Hz 211–221 4000 Hz 222–232 6000 Hz 233–243 25000 Hz 244–248 Display OFF 249–253 Display ON 254–255 Default function recall

Shape RGBW

31 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	C TO	0	0–9 No function 10–254 8000 K 255–255 2700 K
6	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open

Shape RGBW (continued)

Ch	Function	Default	DMX values
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Control1	0	0–1 No function 2–3 FAN auto 4–5 FAN slow 6–7 FAN theatre 8–9 FAN max 10–37 No function 38–42 Dimmer curve 1 43–47 Dimmer curve 2 48–52 Dimmer curve 3 53–55 Dimmer curve 4 56–57 Dimmer curve 5 58–62 Raw colour gamma 1 63–67 Raw colour gamma 1 5 68–72 Raw colour gamma 2 2 73–74 Colour calibration OFF 75–76 Colour calibration FACTORY 77–78 Colour calibration CUSTOMIZED 79–80 Set customized calibration at full white 81–82 Set customized calibration at 3200K 83–84 Set customized calibration at 5600K 85–86 Record customized calibration 87–88 No function 89–90 Reverse mapping OFF 91–92 Reverse mapping ON 93–97 Pixel mapping Disabled 98–102 Pixel mapping ON RGB Mode 103–107 Strobe Engine Disable 108–112 Strobe Engine Enable 113–167 No function 168–188 600 Hz 189–199 1200 Hz 200–210 2000 Hz 211–221 4000 Hz 222–232 6000 Hz 233–243 25000 Hz 244–248 Display OFF 249–253 Display ON 254–255 Default function recall
10	Shape Mode	0	0–5 Normal 6–130 Static 131–255 Dynamic

Shape RGBW (continued)

Ch	Function	Default	DMX values
11	Shape	0	0–7 Shape 1 8–15 Shape 2 16–23 Shape 3 24–31 Shape 4 32–39 Shape 5 40–55 Shape 6 56–63 Shape 7 64–71 Shape 8 72–79 Shape 9 80–87 Shape 10 88–95 Shape 11 96–103 Shape 12 104–111 Shape 13 112–119 Shape 14 120–127 Shape 15 128–135 Shape 16 136–143 Shape 17 144–151 Shape 18 152–159 Shape 19 160–167 Shape 20 168–175 Shape 21 176–183 Shape 22 184–191 Shape 23 192–199 Shape 24 200–207 Shape 25 208–215 Shape 26 216–223 Shape 27 224–231 Shape 28 232–239 Shape 29 240–247 Shape 30 248–248 Shape 31 249–255 Shape 32
12	Shape Speed	0	0–124 Min 125–254 >< 255–255 Max
13	Shape Fade	0	0–5 No function 6–129 Fast 130–130 Slow 131–254 Fast 255–255 Slow
14	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
15	Dimmer	255	0–254 Closed 255–255 Open
16	Shape Transition	0	
17	Red	0	
18	Green	0	
19	Blue	0	
20	White	0	

Shape RGBW (continued)

Ch	Function	Default	DMX values
21	C TO	0	0–9 No function 10–254 8000 K 255–255 2700 K
22	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
23	Dimmer	255	
24	Strobe Mode Shutter	0	0–5 Closed 6–42 Ramp UP 43–85 Ramp DOWN 86–128 Ramp UP-DOWN 129–171 Random 172–214 Lightning 215–255 Spikes
25	Dimmer	0	0–254 Closed 255–255 Open
26	Strobe Duration	0	
27	Strobe Rate	0	0–3 Closed 4–255 StrobeRate 2
28	Shape Mode	0	0–5 Normal 6–130 Static 131–255 Dynamic

Shape RGBW (continued)

Ch	Function	Default	DMX values
29	Shape	0	0–7 Shape 1 8–15 Shape 2 16–23 Shape 3 24–31 Shape 4 32–39 Shape 5 40–55 Shape 6 56–63 Shape 7 64–71 Shape 8 72–79 Shape 9 80–87 Shape 10 88–95 Shape 11 96–103 Shape 12 104–111 Shape 13 112–119 Shape 14 120–127 Shape 15 128–135 Shape 16 136–143 Shape 17 144–151 Shape 18 152–159 Shape 19 160–167 Shape 20 168–175 Shape 21 176–183 Shape 22 184–191 Shape 23 192–199 Shape 24 200–207 Shape 25 208–215 Shape 26 216–223 Shape 27 224–231 Shape 28 232–239 Shape 29 240–247 Shape 30 248–248 Shape 31 249–255 Shape 32
30	Shape Speed	0	0–124 Min 125–254 >< 255–255 Max
31	Shape Fade	0	0–5 No function 6–129 Fast 130–130 Slow 131–254 Fast 255–255 Slow

Advanced

33 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	C TO	0	0–9 No function 10–254 8000 K 255–255 2700 K

Advanced (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
7	Dimmer	255	0–254 Closed 255–255 Open
8	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
9	Dimmer	0	0–254 Closed 255–255 Open
10	Dimmer Fine	0	Fine byte of Dimmer

Advanced (continued)

Ch	Function	Default	DMX values
11	Control1	0	0–1 No function 2–3 FAN auto 4–5 FAN slow 6–7 FAN theatre 8–9 FAN max 10–37 No function 38–42 Dimmer curve 1 43–47 Dimmer curve 2 48–52 Dimmer curve 3 53–55 Dimmer curve 4 56–57 Dimmer curve 5 58–62 Raw colour gamma 1 63–67 Raw colour gamma 1 5 68–72 Raw colour gamma 2 2 73–74 Colour calibration OFF 75–76 Colour calibration FACTORY 77–78 Colour calibration CUSTOMIZED 79–80 Set customized calibration at full white 81–82 Set customized calibration at 3200K 83–84 Set customized calibration at 5600K 85–86 Record customized calibration 87–88 No function 89–90 Reverse mapping OFF 91–92 Reverse mapping ON 93–97 Pixel mapping Disabled 98–102 Pixel mapping ON RGB Mode 103–107 Strobe Engine Disable 108–112 Strobe Engine Enable 113–167 No function 168–188 600 Hz 189–199 1200 Hz 200–210 2000 Hz 211–221 4000 Hz 222–232 6000 Hz 233–243 25000 Hz 244–248 Display OFF 249–253 Display ON 254–255 Default function recall
12	Shape Mode	0	0–5 Normal 6–130 Static 131–255 Dynamic

Advanced (continued)

Ch	Function	Default	DMX values
13	Shape	0	0–7 Shape 1 8–15 Shape 2 16–23 Shape 3 24–31 Shape 4 32–39 Shape 5 40–55 Shape 6 56–63 Shape 7 64–71 Shape 8 72–79 Shape 9 80–87 Shape 10 88–95 Shape 11 96–103 Shape 12 104–111 Shape 13 112–119 Shape 14 120–127 Shape 15 128–135 Shape 16 136–143 Shape 17 144–151 Shape 18 152–159 Shape 19 160–167 Shape 20 168–175 Shape 21 176–183 Shape 22 184–191 Shape 23 192–199 Shape 24 200–207 Shape 25 208–215 Shape 26 216–223 Shape 27 224–231 Shape 28 232–239 Shape 29 240–247 Shape 30 248–248 Shape 31 249–255 Shape 32
14	Shape Speed	0	0–124 Min 125–254 >< 255–255 Max
15	Shape Fade	0	0–5 No function 6–129 Fast 130–130 Slow 131–254 Fast 255–255 Slow
16	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
17	Dimmer	255	0–254 Closed 255–255 Open
18	Shape Transition	0	
19	Red	255	
20	Green	255	
21	Blue	255	
22	White	255	

Advanced (continued)

Ch	Function	Default	DMX values
23	C TO	0	0–9 No function 10–254 8000 K 255–255 2700 K
24	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
25	Dimmer	255	0–254 Closed 255–255 Open
26	Strobe Mode Shutter	255	0–5 Closed 6–42 Ramp UP 43–85 Ramp DOWN 86–128 Ramp UP-DOWN 129–171 Random 172–214 Lightning 215–255 Spikes
27	Dimmer	0	0–254 Closed 255–255 Open
28	Strobe Duration	0	
29	Strobe Rate	0	0–3 Closed 4–255 StrobeRate 2
30	Shape Mode	0	0–5 Normal 6–130 Static 131–255 Dynamic

Advanced (continued)

Ch	Function	Default	DMX values
31	Shape	0	0–7 Shape 1 8–15 Shape 2 16–23 Shape 3 24–31 Shape 4 32–39 Shape 5 40–55 Shape 6 56–63 Shape 7 64–71 Shape 8 72–79 Shape 9 80–87 Shape 10 88–95 Shape 11 96–103 Shape 12 104–111 Shape 13 112–119 Shape 14 120–127 Shape 15 128–135 Shape 16 136–143 Shape 17 144–151 Shape 18 152–159 Shape 19 160–167 Shape 20 168–175 Shape 21 176–183 Shape 22 184–191 Shape 23 192–199 Shape 24 200–207 Shape 25 208–215 Shape 26 216–223 Shape 27 224–231 Shape 28 232–239 Shape 29 240–247 Shape 30 248–248 Shape 31 249–255 Shape 32
32	Shape Speed	0	0–124 Min 125–254 >< 255–255 Max
33	Shape Fade	0	0–5 No function 6–129 Fast 130–130 Slow 131–254 Fast 255–255 Slow

Shape RGBW 16-bit

39 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	C TO	0	0–9 No function 10–254 8000 K 255–255 2700 K

Shape RGBW 16-bit (continued)

Ch	Function	Default	DMX values
10	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
11	Dimmer	0	0–254 Closed 255–255 Open
12	Dimmer Fine	0	Fine byte of Dimmer
13	Control1	0	0–1 No function 2–3 FAN auto 4–5 FAN slow 6–7 FAN theatre 8–9 FAN max 10–37 No function 38–42 Dimmer curve 1 43–47 Dimmer curve 2 48–52 Dimmer curve 3 53–55 Dimmer curve 4 56–57 Dimmer curve 5 58–62 Raw colour gamma 1 63–67 Raw colour gamma 1 5 68–72 Raw colour gamma 2 2 73–74 Colour calibration OFF 75–76 Colour calibration FACTORY 77–78 Colour calibration CUSTOMIZED 79–80 Set customized calibration at full white 81–82 Set customized calibration at 3200K 83–84 Set customized calibration at 5600K 85–86 Record customized calibration 87–88 No function 89–90 Reverse mapping OFF 91–92 Reverse mapping ON 93–97 Pixel mapping Disabled 98–102 Pixel mapping ON RGB Mode 103–107 Strobe Engine Disable 108–112 Strobe Engine Enable 113–167 No function 168–188 600 Hz 189–199 1200 Hz 200–210 2000 Hz 211–221 4000 Hz 222–232 6000 Hz 233–243 25000 Hz 244–248 Display OFF 249–253 Display ON 254–255 Default function recall
14	Shape Mode	0	0–5 Normal 6–130 Static 131–255 Dynamic

Shape RGBW 16-bit (continued)

Ch	Function	Default	DMX values
15	Shape	0	0–7 Shape 1 8–15 Shape 2 16–23 Shape 3 24–31 Shape 4 32–39 Shape 5 40–55 Shape 6 56–63 Shape 7 64–71 Shape 8 72–79 Shape 9 80–87 Shape 10 88–95 Shape 11 96–103 Shape 12 104–111 Shape 13 112–119 Shape 14 120–127 Shape 15 128–135 Shape 16 136–143 Shape 17 144–151 Shape 18 152–159 Shape 19 160–167 Shape 20 168–175 Shape 21 176–183 Shape 22 184–191 Shape 23 192–199 Shape 24 200–207 Shape 25 208–215 Shape 26 216–223 Shape 27 224–231 Shape 28 232–239 Shape 29 240–247 Shape 30 248–248 Shape 31 249–255 Shape 32
16	Shape Speed	0	0–124 Min 125–254 >< 255–255 Max
17	Shape Fade	0	0–5 No function 6–129 Fast 130–130 Slow 131–254 Fast 255–255 Slow
18	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
19	Dimmer	0	0–254 Closed 255–255 Open
20	Shape Transition	0	
21	Red	0	
22	Red Fine	0	Fine byte of Red
23	Green	0	
24	Green Fine	0	Fine byte of Green
25	Blue	0	
26	Blue Fine	0	Fine byte of Blue

Shape RGBW 16-bit (continued)

Ch	Function	Default	DMX values
27	White	0	
28	White Fine	0	Fine byte of White
29	C TO	0	0–9 No function 10–254 8000 K 255–255 2700 K
30	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
31	Dimmer	100	0–254 Closed 255–255 Open
32	Strobe Mode Shutter	0	0–5 Closed 6–42 Ramp UP 43–85 Ramp DOWN 86–128 Ramp UP-DOWN 129–171 Random 172–214 Lightning 215–255 Spikes
33	Dimmer	0	0–254 Closed 255–255 Open
34	Strobe Duration	0	
35	Strobe Rate	0	0–3 Closed 4–255 StrobeRate 2
36	Shape Mode	0	0–5 Normal 6–130 Static 131–255 Dynamic

Shape RGBW 16-bit (continued)

Ch	Function	Default	DMX values
37	Shape	0	0–7 Shape 1 8–15 Shape 2 16–23 Shape 3 24–31 Shape 4 32–39 Shape 5 40–55 Shape 6 56–63 Shape 7 64–71 Shape 8 72–79 Shape 9 80–87 Shape 10 88–95 Shape 11 96–103 Shape 12 104–111 Shape 13 112–119 Shape 14 120–127 Shape 15 128–135 Shape 16 136–143 Shape 17 144–151 Shape 18 152–159 Shape 19 160–167 Shape 20 168–175 Shape 21 176–183 Shape 22 184–191 Shape 23 192–199 Shape 24 200–207 Shape 25 208–215 Shape 26 216–223 Shape 27 224–231 Shape 28 232–239 Shape 29 240–247 Shape 30 248–248 Shape 31 249–255 Shape 32
38	Shape Speed	0	0–124 Min 125–254 >< 255–255 Max
39	Shape Fade	0	0–5 No function 6–129 Fast 130–130 Slow 131–254 Fast 255–255 Slow

Standard RGBW 109ch

85 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	C TO	0	
6	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open

Standard RGBW 109ch (continued)

Ch	Function	Default	DMX values
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	Control1	0	
10	Red	255	
11	Green	255	
12	Blue	255	
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	
51	Reserved 51	0	

Standard RGBW 109ch (continued)

Ch	Function	Default	DMX values
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	Reserved 60	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	
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	Dimmer	0	

Standard RGBW 16-bit 113ch

89 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	0	

Standard RGBW 16-bit 113ch (continued)

Ch	Function	Default	DMX values
8	White Fine	0	Fine byte of White
9	C TO	0	
10	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
11	Dimmer	0	
12	Dimmer Fine	0	Fine byte of Dimmer
13	Control1	0	
14	Red	255	
15	Green	255	
16	Blue	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	

Standard RGBW 16-bit 113ch (continued)

Ch	Function	Default	DMX values
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	Reserved 60	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	
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	Dimmer	0	

Shape RGBW 131 ch

107 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	C TO	0	
6	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	Control1	0	
10	Shape Mode	0	
11	Shape	0	
12	Shape Speed	0	
13	Shape Fade	0	
14	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
15	Dimmer	255	
16	Shape Transition	0	
17	Red	0	
18	Green	0	
19	Blue	0	
20	White	0	
21	C TO	0	
22	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
23	Dimmer	255	
24	Strobe Mode Shutter	0	
25	Dimmer	0	
26	Strobe Duration	0	

Shape RGBW 131 ch (continued)

Ch	Function	Default	DMX values
27	Strobe Rate	0	
28	Shape Mode	0	
29	Shape	0	
30	Shape Speed	0	
31	Shape Fade	0	
32	Red	255	
33	Green	255	
34	Blue	255	
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	Reserved 60	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	

Shape RGBW 131 ch (continued)

Ch	Function	Default	DMX values
72	Reserved 72	0	
73	Reserved 73	0	
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	Dimmer	0	

Advanced 133ch

109 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	C TO	0	

Advanced 133ch (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
7	Dimmer	100	
8	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
9	Dimmer	0	
10	Dimmer Fine	0	Fine byte of Dimmer
11	Control1	0	
12	Shape Mode	0	
13	Shape	0	
14	Shape Speed	0	
15	Shape Fade	0	
16	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
17	Dimmer	255	
18	Shape Transition	0	
19	Red	255	
20	Green	255	
21	Blue	255	
22	White	255	
23	C TO	0	
24	Shutter / Strobe	255	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open

Advanced 133ch (continued)

Ch	Function	Default	DMX values
25	Dimmer	255	
26	Strobe Mode Shutter	255	
27	Dimmer	0	
28	Strobe Duration	0	
29	Strobe Rate	0	
30	Shape Mode	0	
31	Shape	0	
32	Shape Speed	0	
33	Shape Fade	0	
34	Red	255	
35	Green	255	
36	Blue	255	
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	Reserved 60	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	

Advanced 133ch (continued)

Ch	Function	Default	DMX values
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
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	Dimmer	255	

Shape RGBW 16-bit 139ch

115 channels

Ch	Function	Default	DMX values
1	Red	255	

Shape RGBW 16-bit 139ch (continued)

Ch	Function	Default	DMX values
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	C TO	0	
10	Shutter / Strobe	0	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
11	Dimmer	0	
12	Dimmer Fine	0	Fine byte of Dimmer
13	Control1	0	
14	Shape Mode	0	
15	Shape	0	
16	Shape Speed	0	
17	Shape Fade	0	
18	Shutter / Strobe	0	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
19	Dimmer	0	
20	Shape Transition	0	
21	Red	0	
22	Red Fine	0	Fine byte of Red
23	Green	0	
24	Green Fine	0	Fine byte of Green
25	Blue	0	
26	Blue Fine	0	Fine byte of Blue
27	White	0	
28	White Fine	0	Fine byte of White
29	C TO	0	

Shape RGBW 16-bit 139ch (continued)

Ch	Function	Default	DMX values
30	Shutter / Strobe	0	0–3 Closed 4–102 Strobe Mode · Slow 1–24.8 Hz 103–103 Strobe Mode · Fast 25 Hz 104–107 Open 108–206 Strobe Mode Pulse · Slow 0.5–24.8 Hz 207–207 Strobe Mode Pulse · Fast 25 Hz 208–212 Open 213–250 Slow 251–251 Fast 252–255 Open
31	Dimmer	100	
32	Strobe Mode Shutter	0	
33	Dimmer	0	
34	Strobe Duration	0	
35	Strobe Rate	0	
36	Shape Mode	0	
37	Shape	0	
38	Shape Speed	0	
39	Shape Fade	0	
40	Red	255	
41	Green	255	
42	Blue	255	
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	Reserved 60	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	

Shape RGBW 16-bit 139ch (continued)

Ch	Function	Default	DMX values
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
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	Reserved 110	0	
111	Reserved 111	0	
112	Reserved 112	0	
113	Reserved 113	0	

Shape RGBW 16-bit 139ch (continued)

Ch	Function	Default	DMX values
114	Reserved 114	0	
115	Dimmer	0	