Robe Lighting

Robin 800 LEDWash SW



Manufacturer	**Robe Lighting**
Type	**Moving head**
DMX modes	**6**
DMX footprint	**11, 13, 17, 24, 25 channels**
Beam angle	**8-63°**
Pan range	**450°**
Tilt range	**300°**
Size (W × H × D)	**274 × 161 × 273 mm**
GDTF fixture type	**7A2126A4-A6D4-4C00-B6F7-3F…**

Controls

Zoom · Extra LED colours · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset

DMX modes

Mode 4 Limited macro colors 8bit	11 ch
Mode 3 Reduced Wash 8bit	13 ch
Mode 2 Reduced Wash 16bit	17 ch
Mode 6 Zones no shaper 16bit	24 ch
Mode 1 Zones 16bit	25 ch
Mode 5 Zones at the end 16bit	25 ch

Mode 4 Limited macro colors 8bit

11 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Standard mode 1–1 Max speed time 2–255 Speed/Time max to min
6	Control1	0	0–9 No function 10–14 Wired DMX 15–19 Wireless DMX 20–49 NoFeature 3 50–59 P/T speed mode 60–69 P/T time mode 70–79 Blackout while P/T moving: ON 80–89 Blackout while P/T moving: OFF 90–99 Theatre mode ON 100–109 Theatre mode OFF 110–139 NoFeature 7 140–149 P/T reset 150–179 NoFeature 9 180–189 Zoom/Beam shaper reset 190–199 NoFeature 11 200–209 Total reset 210–239 NoFeature 13 240–240 Disabled Quiet mode 241–255 Quiet mode min to max

Mode 4 Limited macro colors 8bit (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–0 Open (wheel slot 1) 1–1 White 2700 K (wheel slot 2) 2–2 White 2700 K (wheel slot 3) 3–3 White 2700 K (Halogen lamp mode) (wheel slot 4) 4–4 White 3200 K (wheel slot 5) 5–5 White 2700 K (wheel slot 6) 6–6 White 3200 K (Halogen lamp mode) (wheel slot 7) 7–7 White 4200 K (wheel slot 8) 8–8 White 4200 K (wheel slot 9) 9–9 White 4200 K (wheel slot 10) 10–10 White 5600 K (wheel slot 11) 11–11 White 4200 K (wheel slot 12) 12–12 White 4200 K (wheel slot 13) 13–13 White 8000 K (wheel slot 14) 14–14 White 8000 K (wheel slot 15) 15–15 White 8000 K (wheel slot 16) 16–16 Blue (wheel slot 17) 17–17 Blue + Green >> 00 (wheel slot 18) 18–18 Blue + Green >> 01 (wheel slot 19) 19–19 Blue + Green >> 02 (wheel slot 20) 20–20 Blue + Green >> 03 (wheel slot 21) 21–21 Blue + Green >> 04 (wheel slot 22) 22–22 Blue + Green >> 05 (wheel slot 23) 23–23 Blue + Green >> 06 (wheel slot 24) 24–24 Blue + Green >> 07 (wheel slot 25) 25–25 Blue + Green >> 08 (wheel slot 26) 26–26 Blue + Green >> 09 (wheel slot 27) 27–27 Blue + Green >> 10 (wheel slot 28) 28–28 Blue + Green >> 11 (wheel slot 29) 29–29 Blue + Green >> 12 (wheel slot 30) 30–30 Blue + Green >> 13 (wheel slot 31) 31–31 Blue + Green >> 14 (wheel slot 32) 32–32 Blue + Green >> 15 (wheel slot 33) 33–33 Blue + Green >> 16 (wheel slot 34) 34–34 Blue + Green >> 17 (wheel slot 35) 35–35 Blue + Green >> 18 (wheel slot 36) 36–36 Blue + Green >> 19 (wheel slot 37) 37–37 Blue + Green >> 20 (wheel slot 38) 38–38 Blue + Green >> 21 (wheel slot 39) 39–39 Blue + Green >> 22 (wheel slot 40) 40–40 Blue + Green >> 23 (wheel slot 41) 41–41 Blue + Green >> 24 (wheel slot 42) 42–42 Blue + Green >> 25 (wheel slot 43) 43–43 Blue + Green >> 26 (wheel slot 44) 44–44 Blue + Green >> 27 (wheel slot 45) 45–45 Blue + Green >> 28 (wheel slot 46) 46–46 Blue + Green >> 29 (wheel slot 47) 47–47 Blue + Green >> 30 (wheel slot 48) 48–48 Blue + Green >> 31 (wheel slot 49) 49–49 Blue + Green >> 32 (wheel slot 50) 50–50 Blue + Green >> 33 (wheel slot 51) 51–51 Blue + Green >> 34 (wheel slot 52) 52–52 Blue + Green >> 35 (wheel slot 53) 53–53 Blue + Green >> 36 (wheel slot 54) 54–54 Blue + Green >> 37 (wheel slot 55) 55–55 Blue + Green >> 38 (wheel slot 56) 56–56 LightBlue (wheel slot 57) 57–57 Green + Blue << 00 (wheel slot 58) 58–58 Green + Blue << 01 (wheel slot 59) 59–59 Green + Blue << 02 (wheel slot 60) 60–60 Green + Blue << 03 (wheel slot 61) 61–61 Green + Blue << 04 (wheel slot 62) 62–62 Green + Blue << 05 (wheel slot 63) 63–63 Green + Blue << 06 (wheel slot 64)

Mode 4 Limited macro colors 8bit (continued)

Ch	Function	Default	DMX values
8	Beam Shaper	0	0–127 Beam Shaper indexing 128–191 Forwards rotation from fast to slow 192–255 Backwards rotation from slow to fast
9	Zoom	128	0–254 narrow 255–255 wide
10	Shutter / Strobe	255	0–31 Shutter closed 32–59 StrobeZone 3 · Slow to fast - Slow 0.303–17.6 Hz 60–63 StrobeZone 3 · Slow to fast - Fast 18.3–20.2 Hz 64–91 StrobeAllZones 1 · Slow to fast - Slow 0.303–17.6 Hz 92–95 StrobeAllZones 1 · Slow to fast - Fast 18.3–20.2 Hz 96–111 StrobeEffects · Zone + Rainbow effects slow to fast ... 112–127 StrobeEffects · Zone + Rainbow effects fast to slow... 128–140 Shutter1StrobePulseOpen · Slow to fast - Slow 0.1... 141–143 Shutter1StrobePulseOpen · Slow to fast - Fast 0.45... 144–155 Shutter1StrobePulseClose · Fast to slow - Slow 0.5... 156–159 Shutter1StrobePulseClose · Fast to slow - Fast 0.20... 160–175 Random zone effect slow to fast 176–191 Random zone + strobe effect slow to fast 192–223 Random strobe slow to fast (all zones) 224–239 Random strobe slow to fast (random LEDs) 240–255 Shutter open
11	Dimmer	0	0–254 Closed (wheel slot -2147483648) 255–255 Open (wheel slot -2147483648)

Mode 3 Reduced Wash 8bit

13 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Standard mode 1–1 Max speed time 2–255 Speed/Time max to min
6	Control1	0	0–9 No function 10–14 Wired DMX 15–19 Wireless DMX 20–49 NoFeature 3 50–59 P/T speed mode 60–69 P/T time mode 70–79 Blackout while P/T moving: ON 80–89 Blackout while P/T moving: OFF 90–99 Theatre mode ON 100–109 Theatre mode OFF 110–139 NoFeature 7 140–149 P/T reset 150–179 NoFeature 9 180–189 Zoom/Beam shaper reset 190–199 NoFeature 11 200–209 Total reset 210–239 NoFeature 13 240–240 Disabled Quiet mode 241–255 Quiet mode min to max
7	Color Add WW	255	
8	Color Add CW	255	

Mode 3 Reduced Wash 8bit (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–0 Open (wheel slot 1) 1–1 White 2700 K (wheel slot 2) 2–2 White 2700 K (wheel slot 3) 3–3 White 2700 K (Halogen lamp mode) (wheel slot 4) 4–4 White 3200 K (wheel slot 5) 5–5 White 2700 K (wheel slot 6) 6–6 White 3200 K (Halogen lamp mode) (wheel slot 7) 7–7 White 4200 K (wheel slot 8) 8–8 White 4200 K (wheel slot 9) 9–9 White 4200 K (wheel slot 10) 10–10 White 5600 K (wheel slot 11) 11–11 White 4200 K (wheel slot 12) 12–12 White 4200 K (wheel slot 13) 13–13 White 8000 K (wheel slot 14) 14–14 White 8000 K (wheel slot 15) 15–15 White 8000 K (wheel slot 16) 16–16 Blue (wheel slot 17) 17–17 Blue + Green >> 00 (wheel slot 18) 18–18 Blue + Green >> 01 (wheel slot 19) 19–19 Blue + Green >> 02 (wheel slot 20) 20–20 Blue + Green >> 03 (wheel slot 21) 21–21 Blue + Green >> 04 (wheel slot 22) 22–22 Blue + Green >> 05 (wheel slot 23) 23–23 Blue + Green >> 06 (wheel slot 24) 24–24 Blue + Green >> 07 (wheel slot 25) 25–25 Blue + Green >> 08 (wheel slot 26) 26–26 Blue + Green >> 09 (wheel slot 27) 27–27 Blue + Green >> 10 (wheel slot 28) 28–28 Blue + Green >> 11 (wheel slot 29) 29–29 Blue + Green >> 12 (wheel slot 30) 30–30 Blue + Green >> 13 (wheel slot 31) 31–31 Blue + Green >> 14 (wheel slot 32) 32–32 Blue + Green >> 15 (wheel slot 33) 33–33 Blue + Green >> 16 (wheel slot 34) 34–34 Blue + Green >> 17 (wheel slot 35) 35–35 Blue + Green >> 18 (wheel slot 36) 36–36 Blue + Green >> 19 (wheel slot 37) 37–37 Blue + Green >> 20 (wheel slot 38) 38–38 Blue + Green >> 21 (wheel slot 39) 39–39 Blue + Green >> 22 (wheel slot 40) 40–40 Blue + Green >> 23 (wheel slot 41) 41–41 Blue + Green >> 24 (wheel slot 42) 42–42 Blue + Green >> 25 (wheel slot 43) 43–43 Blue + Green >> 26 (wheel slot 44) 44–44 Blue + Green >> 27 (wheel slot 45) 45–45 Blue + Green >> 28 (wheel slot 46) 46–46 Blue + Green >> 29 (wheel slot 47) 47–47 Blue + Green >> 30 (wheel slot 48) 48–48 Blue + Green >> 31 (wheel slot 49) 49–49 Blue + Green >> 32 (wheel slot 50) 50–50 Blue + Green >> 33 (wheel slot 51) 51–51 Blue + Green >> 34 (wheel slot 52) 52–52 Blue + Green >> 35 (wheel slot 53) 53–53 Blue + Green >> 36 (wheel slot 54) 54–54 Blue + Green >> 37 (wheel slot 55) 55–55 Blue + Green >> 38 (wheel slot 56) 56–56 LightBlue (wheel slot 57) 57–57 Green + Blue << 00 (wheel slot 58) 58–58 Green + Blue << 01 (wheel slot 59) 59–59 Green + Blue << 02 (wheel slot 60) 60–60 Green + Blue << 03 (wheel slot 61) 61–61 Green + Blue << 04 (wheel slot 62) 62–62 Green + Blue << 05 (wheel slot 63) 63–63 Green + Blue << 06 (wheel slot 64)

Mode 3 Reduced Wash 8bit (continued)

Ch	Function	Default	DMX values
10	Beam Shaper	0	0–127 Beam Shaper indexing 128–191 Forwards rotation from fast to slow 192–255 Backwards rotation from slow to fast
11	Zoom	128	0–254 narrow 255–255 wide
12	Shutter / Strobe	255	0–31 Shutter closed 32–59 StrobeZone 3 · Slow to fast - Slow 0.303–17.6 Hz 60–63 StrobeZone 3 · Slow to fast - Fast 18.3–20.2 Hz 64–91 StrobeAllZones 1 · Slow to fast - Slow 0.303–17.6 Hz 92–95 StrobeAllZones 1 · Slow to fast - Fast 18.3–20.2 Hz 96–111 StrobeEffects · Zone + Rainbow effects slow to fast ... 112–127 StrobeEffects · Zone + Rainbow effects fast to slow... 128–140 Shutter1StrobePulseOpen · Slow to fast - Slow 0.1... 141–143 Shutter1StrobePulseOpen · Slow to fast - Fast 0.45... 144–155 Shutter1StrobePulseClose · Fast to slow - Slow 0.5... 156–159 Shutter1StrobePulseClose · Fast to slow - Fast 0.20... 160–175 Random zone effect slow to fast 176–191 Random zone + strobe effect slow to fast 192–223 Random strobe slow to fast (all zones) 224–239 Random strobe slow to fast (random LEDs) 240–255 Shutter open
13	Dimmer	0	0–254 Closed (wheel slot -2147483648) 255–255 Open (wheel slot -2147483648)

Mode 2 Reduced Wash 16bit

17 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Standard mode 1–1 Max speed time 2–255 Speed/Time max to min
6	Control1	0	0–9 No function 10–14 Wired DMX 15–19 Wireless DMX 20–49 NoFeature 3 50–59 P/T speed mode 60–69 P/T time mode 70–79 Blackout while P/T moving: ON 80–89 Blackout while P/T moving: OFF 90–99 Theatre mode ON 100–109 Theatre mode OFF 110–139 NoFeature 7 140–149 P/T reset 150–179 NoFeature 9 180–189 Zoom/Beam shaper reset 190–199 NoFeature 11 200–209 Total reset 210–239 NoFeature 13 240–240 Disabled Quiet mode 241–255 Quiet mode min to max
7	Color Add WW	255	
8	Color Add WW Fine	255	Fine byte of Color Add WW
9	Color Add CW	255	
10	Color Add CW Fine	255	Fine byte of Color Add CW

Mode 2 Reduced Wash 16bit (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–0 Open (wheel slot 1) 1–2 White 2800 K (wheel slot 2) 3–4 White 3200 K (wheel slot 3) 5–6 White 3800 K (wheel slot 4) 7–8 White 4200 K (wheel slot 5) 9–10 White 4600 K (wheel slot 6) 11–12 White 5000 K (wheel slot 7) 13–14 White 5600 K (wheel slot 8) 15–16 White 6300 K (wheel slot 9) 17–26 WW -> CW 01 (wheel slot 10) 27–36 WW -> CW 02 (wheel slot 11) 37–46 WW -> CW 03 (wheel slot 12) 47–56 WW -> CW 04 (wheel slot 13) 57–66 WW -> CW 05 (wheel slot 14) 67–76 WW -> CW 06 (wheel slot 15) 77–86 WW -> CW 07 (wheel slot 16) 87–96 WW -> CW 08 (wheel slot 17) 97–106 WW -> CW 09 (wheel slot 18) 107–116 WW -> CW 10 (wheel slot 19) 117–126 WW -> CW 11 (wheel slot 20) 127–136 WW -> CW 12 (wheel slot 21) 137–146 WW -> CW 13 (wheel slot 22) 147–156 WW -> CW 14 (wheel slot 23) 157–166 WW -> CW 15 (wheel slot 24) 167–176 WW -> CW 16 (wheel slot 25) 177–186 WW -> CW 17 (wheel slot 26) 187–196 WW -> CW 18 (wheel slot 27) 197–206 WW -> CW 19 (wheel slot 28) 207–216 WW -> CW 20 (wheel slot 29) 217–226 WW -> CW 21 (wheel slot 30) 227–236 WW -> CW 22 (wheel slot 31) 237–247 WW -> CW 23 (wheel slot 32) 248–248 Rainbow effect (with fade time) 249–249 Rainbow effect 250–250 Zone effect 1 251–251 Zone effect 2 252–252 Zone effect 3 253–253 Zone effect 4 254–254 Zone effect 5 255–255 Zone effect 6
12	Beam Shaper	0	0–127 Beam Shaper indexing 128–191 Forwards rotation from fast to slow 192–255 Backwards rotation from slow to fast
13	Zoom	128	0–254 narrow 255–255 wide
14	Zoom Fine	0	Fine byte of Zoom

Mode 2 Reduced Wash 16bit (continued)

Ch	Function	Default	DMX values
15	Shutter / Strobe	255	0–31 Shutter closed 32–59 StrobeZone 3 · Slow to fast - Slow 0.303–17.6 Hz 60–63 StrobeZone 3 · Slow to fast - Fast 18.3–20.2 Hz 64–91 StrobeAllZones 1 · Slow to fast - Slow 0.303–17.6 Hz 92–95 StrobeAllZones 1 · Slow to fast - Fast 18.3–20.2 Hz 96–111 StrobeEffects · Zone + Rainbow effects slow to fast ... 112–127 StrobeEffects · Zone + Rainbow effects fast to slow... 128–140 Shutter1StrobePulseOpen · Slow to fast - Slow 0.1... 141–143 Shutter1StrobePulseOpen · Slow to fast - Fast 0.45... 144–155 Shutter1StrobePulseClose · Fast to slow - Slow 0.5... 156–159 Shutter1StrobePulseClose · Fast to slow - Fast 0.20... 160–175 Random zone effect slow to fast 176–191 Random zone + strobe effect slow to fast 192–223 Random strobe slow to fast (all zones) 224–239 Random strobe slow to fast (random LEDs) 240–255 Shutter open
16	Dimmer	0	0–254 Closed (wheel slot -2147483648) 255–255 Open (wheel slot -2147483648)
17	Dimmer Fine	0	Fine byte of Dimmer

Mode 6 Zones no shaper 16bit

24 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Standard mode 1–254 Max speed time 255–255 Min speed time
6	Control1	0	0–9 No function 10–14 Wired DMX 15–19 Wireless DMX 20–49 NoFeature 3 50–59 P/T speed mode 60–69 P/T time mode 70–79 Blackout while P/T moving: ON 80–89 Blackout while P/T moving: OFF 90–99 Theatre mode ON 100–109 Theatre mode OFF 110–139 NoFeature 7 140–149 P/T reset 150–179 NoFeature 9 180–189 Zoom/Beam shaper reset 190–199 NoFeature 11 200–209 Total reset 210–239 NoFeature 13 240–240 Disabled Quiet mode 241–255 Quiet mode min to max
7	Color Add WW	255	
8	Color Add WW Fine	255	Fine byte of Color Add WW
9	Color Add CW	255	
10	Color Add CW Fine	255	Fine byte of Color Add CW
11	Color Add WW	255	
12	Color Add WW Fine	255	Fine byte of Color Add WW
13	Color Add CW	255	

Mode 6 Zones no shaper 16bit (continued)

Ch	Function	Default	DMX values
14	Color Add CW Fine	255	Fine byte of Color Add CW
15	Color Add WW	255	
16	Color Add WW Fine	255	Fine byte of Color Add WW
17	Color Add CW	255	
18	Color Add CW Fine	255	Fine byte of Color Add CW
19	Color Wheel	0	0–0 Open (wheel slot 1) 1–2 White 2800 K (wheel slot 2) 3–4 White 3200 K (wheel slot 3) 5–6 White 3800 K (wheel slot 4) 7–8 White 4200 K (wheel slot 5) 9–10 White 4600 K (wheel slot 6) 11–12 White 5000 K (wheel slot 7) 13–14 White 5600 K (wheel slot 8) 15–16 White 6300 K (wheel slot 9) 17–26 WW -> CW 01 (wheel slot 10) 27–36 WW -> CW 02 (wheel slot 11) 37–46 WW -> CW 03 (wheel slot 12) 47–56 WW -> CW 04 (wheel slot 13) 57–66 WW -> CW 05 (wheel slot 14) 67–76 WW -> CW 06 (wheel slot 15) 77–86 WW -> CW 07 (wheel slot 16) 87–96 WW -> CW 08 (wheel slot 17) 97–106 WW -> CW 09 (wheel slot 18) 107–116 WW -> CW 10 (wheel slot 19) 117–126 WW -> CW 11 (wheel slot 20) 127–136 WW -> CW 12 (wheel slot 21) 137–146 WW -> CW 13 (wheel slot 22) 147–156 WW -> CW 14 (wheel slot 23) 157–166 WW -> CW 15 (wheel slot 24) 167–176 WW -> CW 16 (wheel slot 25) 177–186 WW -> CW 17 (wheel slot 26) 187–196 WW -> CW 18 (wheel slot 27) 197–206 WW -> CW 19 (wheel slot 28) 207–216 WW -> CW 20 (wheel slot 29) 217–226 WW -> CW 21 (wheel slot 30) 227–236 WW -> CW 22 (wheel slot 31) 237–247 WW -> CW 23 (wheel slot 32) 248–248 Rainbow effect (with fade time) 249–249 Rainbow effect 250–250 Zone effect 1 251–251 Zone effect 2 252–252 Zone effect 3 253–253 Zone effect 4 254–254 Zone effect 5 255–255 Zone effect 6
20	Zoom	128	0–254 narrow 255–255 wide
21	Zoom Fine	0	Fine byte of Zoom

Mode 6 Zones no shaper 16bit (continued)

Ch	Function	Default	DMX values
22	Shutter / Strobe	255	0–31 Shutter closed 32–59 StrobeZone 3 · Slow to fast - Slow 0.303–17.6 Hz 60–63 StrobeZone 3 · Slow to fast - Fast 18.3–20.2 Hz 64–91 StrobeAllZones 1 · Slow to fast - Slow 0.303–17.6 Hz 92–95 StrobeAllZones 1 · Slow to fast - Fast 18.3–20.2 Hz 96–111 StrobeEffects · Zone + Rainbow effects slow to fast ... 112–127 StrobeEffects · Zone + Rainbow effects fast to slow... 128–140 Shutter1StrobePulseOpen · Slow to fast - Slow 0.1... 141–143 Shutter1StrobePulseOpen · Slow to fast - Fast 0.45... 144–155 Shutter1StrobePulseClose · Fast to slow - Slow 0.5... 156–159 Shutter1StrobePulseClose · Fast to slow - Fast 0.20... 160–175 Random zone effect slow to fast 176–191 Random zone + strobe effect slow to fast 192–223 Random strobe slow to fast (all zones) 224–239 Random strobe slow to fast (random LEDs) 240–255 Shutter open
23	Dimmer	0	0–254 Closed 255–255 Open
24	Dimmer Fine	0	Fine byte of Dimmer

Mode 1 Zones 16bit

25 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Standard mode 1–254 Max speed time 255–255 Min speed time
6	Control1	0	0–9 No function 10–14 Wired DMX 15–19 Wireless DMX 20–49 NoFeature 3 50–59 P/T speed mode 60–69 P/T time mode 70–79 Blackout while P/T moving: ON 80–89 Blackout while P/T moving: OFF 90–99 Theatre mode ON 100–109 Theatre mode OFF 110–139 NoFeature 7 140–149 P/T reset 150–179 NoFeature 9 180–189 Zoom/Beam shaper reset 190–199 NoFeature 11 200–209 Total reset 210–239 NoFeature 13 240–240 Disabled Quiet mode 241–255 Quiet mode min to max
7	Color Add WW	255	
8	Color Add WW Fine	255	Fine byte of Color Add WW
9	Color Add CW	255	
10	Color Add CW Fine	255	Fine byte of Color Add CW
11	Color Add WW	255	
12	Color Add WW Fine	255	Fine byte of Color Add WW
13	Color Add CW	255	

Mode 1 Zones 16bit (continued)

Ch	Function	Default	DMX values
14	Color Add CW Fine	255	Fine byte of Color Add CW
15	Color Add WW	255	
16	Color Add WW Fine	255	Fine byte of Color Add WW
17	Color Add CW	255	
18	Color Add CW Fine	255	Fine byte of Color Add CW
19	Color Wheel	0	0–0 Open (wheel slot 1) 1–2 White 2800 K (wheel slot 2) 3–4 White 3200 K (wheel slot 3) 5–6 White 3800 K (wheel slot 4) 7–8 White 4200 K (wheel slot 5) 9–10 White 4600 K (wheel slot 6) 11–12 White 5000 K (wheel slot 7) 13–14 White 5600 K (wheel slot 8) 15–16 White 6300 K (wheel slot 9) 17–26 WW -> CW 01 (wheel slot 10) 27–36 WW -> CW 02 (wheel slot 11) 37–46 WW -> CW 03 (wheel slot 12) 47–56 WW -> CW 04 (wheel slot 13) 57–66 WW -> CW 05 (wheel slot 14) 67–76 WW -> CW 06 (wheel slot 15) 77–86 WW -> CW 07 (wheel slot 16) 87–96 WW -> CW 08 (wheel slot 17) 97–106 WW -> CW 09 (wheel slot 18) 107–116 WW -> CW 10 (wheel slot 19) 117–126 WW -> CW 11 (wheel slot 20) 127–136 WW -> CW 12 (wheel slot 21) 137–146 WW -> CW 13 (wheel slot 22) 147–156 WW -> CW 14 (wheel slot 23) 157–166 WW -> CW 15 (wheel slot 24) 167–176 WW -> CW 16 (wheel slot 25) 177–186 WW -> CW 17 (wheel slot 26) 187–196 WW -> CW 18 (wheel slot 27) 197–206 WW -> CW 19 (wheel slot 28) 207–216 WW -> CW 20 (wheel slot 29) 217–226 WW -> CW 21 (wheel slot 30) 227–236 WW -> CW 22 (wheel slot 31) 237–247 WW -> CW 23 (wheel slot 32) 248–248 Rainbow effect (with fade time) 249–249 Rainbow effect 250–250 Zone effect 1 251–251 Zone effect 2 252–252 Zone effect 3 253–253 Zone effect 4 254–254 Zone effect 5 255–255 Zone effect 6
20	Beam Shaper	0	0–127 Beam Shaper indexing 128–191 Forwards rotation from fast to slow 192–255 Backwards rotation from slow to fast
21	Zoom	128	0–254 narrow 255–255 wide
22	Zoom Fine	0	Fine byte of Zoom

Mode 1 Zones 16bit (continued)

Ch	Function	Default	DMX values
23	Shutter / Strobe	255	0–31 Shutter closed 32–59 StrobeZone 3 · Slow to fast - Slow 0.303–17.6 Hz 60–63 StrobeZone 3 · Slow to fast - Fast 18.3–20.2 Hz 64–91 StrobeAllZones 1 · Slow to fast - Slow 0.303–17.6 Hz 92–95 StrobeAllZones 1 · Slow to fast - Fast 18.3–20.2 Hz 96–111 StrobeEffects · Zone + Rainbow effects slow to fast ... 112–127 StrobeEffects · Zone + Rainbow effects fast to slow... 128–140 Shutter1StrobePulseOpen · Slow to fast - Slow 0.1... 141–143 Shutter1StrobePulseOpen · Slow to fast - Fast 0.45... 144–155 Shutter1StrobePulseClose · Fast to slow - Slow 0.5... 156–159 Shutter1StrobePulseClose · Fast to slow - Fast 0.20... 160–175 Random zone effect slow to fast 176–191 Random zone + strobe effect slow to fast 192–223 Random strobe slow to fast (all zones) 224–239 Random strobe slow to fast (random LEDs) 240–255 Shutter open
24	Dimmer	0	0–254 Closed 255–255 Open
25	Dimmer Fine	0	Fine byte of Dimmer

Mode 5 Zones at the end 16bit

25 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Standard mode 1–254 Max speed time 255–255 Min speed time
6	Control1	0	0–9 No function 10–14 Wired DMX 15–19 Wireless DMX 20–49 NoFeature 3 50–59 P/T speed mode 60–69 P/T time mode 70–79 Blackout while P/T moving: ON 80–89 Blackout while P/T moving: OFF 90–99 Theatre mode ON 100–109 Theatre mode OFF 110–139 NoFeature 7 140–149 P/T reset 150–179 NoFeature 9 180–189 Zoom/Beam shaper reset 190–199 NoFeature 11 200–209 Total reset 210–239 NoFeature 13 240–240 Disabled Quiet mode 241–255 Quiet mode min to max
7	Zoom	128	0–254 narrow 255–255 wide
8	Zoom Fine	0	Fine byte of Zoom
9	Beam Shaper	0	0–127 Beam Shaper indexing 128–191 Forwards rotation from fast to slow 192–255 Backwards rotation from slow to fast

Mode 5 Zones at the end 16bit (continued)

Ch	Function	Default	DMX values
10	Shutter / Strobe	255	0–31 Shutter closed 32–59 StrobeZone 3 · Slow to fast - Slow 0.303–17.6 Hz 60–63 StrobeZone 3 · Slow to fast - Fast 18.3–20.2 Hz 64–91 StrobeAllZones 1 · Slow to fast - Slow 0.303–17.6 Hz 92–95 StrobeAllZones 1 · Slow to fast - Fast 18.3–20.2 Hz 96–111 StrobeEffects · Zone + Rainbow effects slow to fast ... 112–127 StrobeEffects · Zone + Rainbow effects fast to slow... 128–140 Shutter1StrobePulseOpen · Slow to fast - Slow 0.1... 141–143 Shutter1StrobePulseOpen · Slow to fast - Fast 0.45... 144–155 Shutter1StrobePulseClose · Fast to slow - Slow 0.5... 156–159 Shutter1StrobePulseClose · Fast to slow - Fast 0.20... 160–175 Random zone effect slow to fast 176–191 Random zone + strobe effect slow to fast 192–223 Random strobe slow to fast (all zones) 224–239 Random strobe slow to fast (random LEDs) 240–255 Shutter open
11	Dimmer	0	0–254 Closed 255–255 Open
12	Dimmer Fine	0	Fine byte of Dimmer

Mode 5 Zones at the end 16bit (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–0 Open (wheel slot 1) 1–1 White 2700 K (wheel slot 2) 2–2 White 2700 K (wheel slot 3) 3–3 White 2700 K (Halogen lamp mode) (wheel slot 4) 4–4 White 3200 K (wheel slot 5) 5–5 White 2700 K (wheel slot 6) 6–6 White 3200 K (Halogen lamp mode) (wheel slot 7) 7–7 White 4200 K (wheel slot 8) 8–8 White 4200 K (wheel slot 9) 9–9 White 4200 K (wheel slot 10) 10–10 White 5600 K (wheel slot 11) 11–11 White 4200 K (wheel slot 12) 12–12 White 4200 K (wheel slot 13) 13–13 White 8000 K (wheel slot 14) 14–14 White 8000 K (wheel slot 15) 15–15 White 8000 K (wheel slot 16) 16–16 Blue (wheel slot 17) 17–17 Blue + Green >> 00 (wheel slot 18) 18–18 Blue + Green >> 01 (wheel slot 19) 19–19 Blue + Green >> 02 (wheel slot 20) 20–20 Blue + Green >> 03 (wheel slot 21) 21–21 Blue + Green >> 04 (wheel slot 22) 22–22 Blue + Green >> 05 (wheel slot 23) 23–23 Blue + Green >> 06 (wheel slot 24) 24–24 Blue + Green >> 07 (wheel slot 25) 25–25 Blue + Green >> 08 (wheel slot 26) 26–26 Blue + Green >> 09 (wheel slot 27) 27–27 Blue + Green >> 10 (wheel slot 28) 28–28 Blue + Green >> 11 (wheel slot 29) 29–29 Blue + Green >> 12 (wheel slot 30) 30–30 Blue + Green >> 13 (wheel slot 31) 31–31 Blue + Green >> 14 (wheel slot 32) 32–32 Blue + Green >> 15 (wheel slot 33) 33–33 Blue + Green >> 16 (wheel slot 34) 34–34 Blue + Green >> 17 (wheel slot 35) 35–35 Blue + Green >> 18 (wheel slot 36) 36–36 Blue + Green >> 19 (wheel slot 37) 37–37 Blue + Green >> 20 (wheel slot 38) 38–38 Blue + Green >> 21 (wheel slot 39) 39–39 Blue + Green >> 22 (wheel slot 40) 40–40 Blue + Green >> 23 (wheel slot 41) 41–41 Blue + Green >> 24 (wheel slot 42) 42–42 Blue + Green >> 25 (wheel slot 43) 43–43 Blue + Green >> 26 (wheel slot 44) 44–44 Blue + Green >> 27 (wheel slot 45) 45–45 Blue + Green >> 28 (wheel slot 46) 46–46 Blue + Green >> 29 (wheel slot 47) 47–47 Blue + Green >> 30 (wheel slot 48) 48–48 Blue + Green >> 31 (wheel slot 49) 49–49 Blue + Green >> 32 (wheel slot 50) 50–50 Blue + Green >> 33 (wheel slot 51) 51–51 Blue + Green >> 34 (wheel slot 52) 52–52 Blue + Green >> 35 (wheel slot 53) 53–53 Blue + Green >> 36 (wheel slot 54) 54–54 Blue + Green >> 37 (wheel slot 55) 55–55 Blue + Green >> 38 (wheel slot 56) 56–56 LightBlue (wheel slot 57) 57–57 Green + Blue << 00 (wheel slot 58) 58–58 Green + Blue << 01 (wheel slot 59) 59–59 Green + Blue << 02 (wheel slot 60) 60–60 Green + Blue << 03 (wheel slot 61) 61–61 Green + Blue << 04 (wheel slot 62) 62–62 Green + Blue << 05 (wheel slot 63) 63–63 Green + Blue << 06 (wheel slot 64)

Mode 5 Zones at the end 16bit (continued)

Ch	Function	Default	DMX values
14	Color Add WW	255	
15	Color Add WW Fine	255	Fine byte of Color Add WW
16	Color Add CW	255	
17	Color Add CW Fine	255	Fine byte of Color Add CW
18	Color Add WW	255	
19	Color Add WW Fine	255	Fine byte of Color Add WW
20	Color Add CW	255	
21	Color Add CW Fine	255	Fine byte of Color Add CW
22	Color Add WW	255	
23	Color Add WW Fine	255	Fine byte of Color Add WW
24	Color Add CW	255	
25	Color Add CW Fine	255	Fine byte of Color Add CW