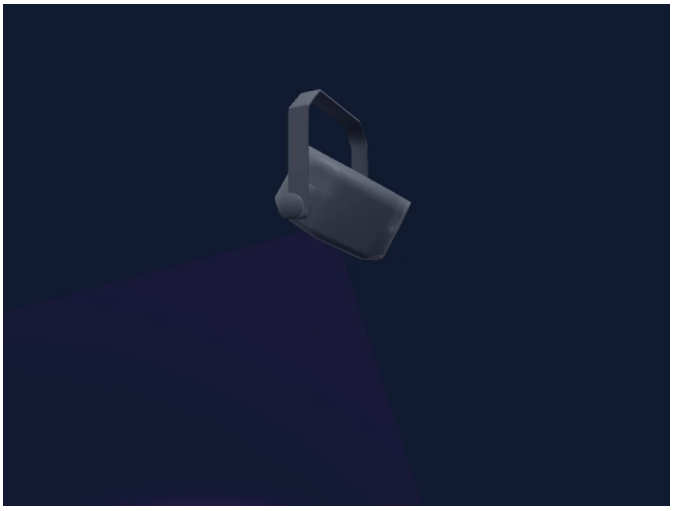
BeamZ Pro

Neutron Bold FC RGBAL IP65



Manufacturer	**BeamZ Pro**
Type	**Moving head**
DMX modes	**11**
DMX footprint	**6, 8, 10, 14, 21, 24, 235 channels**
Beam angle	**75-110°**
Pan range	**360°**
Tilt range	**240°**
Heads / cells	**2**
Size (W × H × D)	**283 × 156 × 283 mm**
GDTF fixture type	**E0C51E87-1364-434E-8F1C-2EA…**

Controls

Extra LED colours · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Service functions · Built-in effect programmes

DMX modes

6 Ch Simple	6 ch
8 Ch RGB/AL	8 ch
8 Ch RGB/AL + Virtual Dimmer	8 ch
223 Ch Extended	10 ch
223 Ch Extended + Virtual Dimmer	10 ch
14 Ch Basic	14 ch
21 Ch Standard	21 ch
24 Ch Standard	24 ch
235 Ch MA3 Ultra	235 ch
235 Ch Ultra	235 ch
235 Ch Ultra + Virtual Dimmer	235 ch

6 Ch Simple

6 channels

Ch	Function	Default	DMX values
1	Dimmer	255	0–63 000 64–127 025 128–190 050 191–254 075 255–255 100
2	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Head Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Head Shutter1StrobePulse 1 · 050 2.82–4.64 Hz 22–22 Head Shutter1StrobePulse 1 · 100 5 Hz 23–27 Head Shutter1StrobePulseRandom 1 · 001 1–3.8 Hz 28–32 Head Shutter1StrobePulseRandom 1 · 050 4.5–7.3 Hz 33–33 Head Shutter1StrobePulseRandom 1 · 100 8 Hz 34–39 Head Shutter1StrobeOpen 1 · 001 1–2.82 Hz 40–44 Head Shutter1StrobeOpen 1 · 050 3.18–4.64 Hz 45–45 Head Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Head Shutter1StrobeRandomPulseOpen 1 · 001 1–3.... 51–55 Head Shutter1StrobeRandomPulseOpen 1 · 050 4.5–... 56–56 Head Shutter1StrobeRandomPulseOpen 1 · 100 8 Hz 57–61 Head Shutter1StrobeClosed 1 · 001 1–2.45 Hz 62–67 Head Shutter1StrobeClosed 1 · 050 2.82–4.64 Hz 68–68 Head Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Head Shutter1StrobeRandomPulseClose 1 · 001 1–3.... 74–78 Head Shutter1StrobeRandomPulseClose 1 · 050 4.5–... 79–79 Head Shutter1StrobeRandomPulseClose 1 · 100 8 Hz 80–84 Head Shutter1StrobeRandom 1 · 001 1–2.64 Hz 85–90 Head Shutter1StrobeRandom 1 · 025 3.05–5.09 Hz 91–95 Head Shutter1StrobeRandom 1 · 050 5.5–7.14 Hz 96–101 Head Shutter1StrobeRandom 1 · 075 7.55–9.59 Hz 102–102 Head Shutter1StrobeRandom 1 · 100 10 Hz 103–114 Head Shutter1StrobeEffect 1 · 001 1–2.83 Hz 115–126 Head Shutter1StrobeEffect 1 · 050 3–4.83 Hz 127–127 Head Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Head Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Head Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Head Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Head Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Head Shutter1Strobe 1 · 100 20 Hz 251–255 Open
3	Color Wheel	0	0–5 Wheel Slot 0 Open (wheel slot 1) 6–12 Wheel Slot 1 (wheel slot 2) 13–19 Wheel Slot 2 (wheel slot 3) 20–26 Wheel Slot 3 (wheel slot 4) 27–33 Wheel Slot 4 (wheel slot 5) 34–40 Wheel Slot 5 (wheel slot 6) 41–47 Wheel Slot 6 (wheel slot 7) 48–54 Wheel Slot 7 (wheel slot 8) 55–61 Wheel Slot 8 (wheel slot 9) 62–68 Wheel Slot 9 (wheel slot 10) 69–75 Wheel Slot 10 (wheel slot 11) 76–82 Wheel Slot 11 (wheel slot 12) 83–89 Wheel Slot 12 (wheel slot 13) 90–96 Wheel Slot 13 (wheel slot 14) 97–103 Wheel Slot 14 (wheel slot 15) 104–110 Wheel Slot 15 (wheel slot 16) 111–117 Wheel Slot 16 (wheel slot 17) 118–124 Wheel Slot 17 (wheel slot 18) 125–127 Wheel Slot 18 (wheel slot 19) 128–191 Wheel Slot 19 (wheel slot 20) 192–255 Wheel Slot 20 (wheel slot 21)

6 Ch Simple (continued)

Ch	Function	Default	DMX values
4	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
5	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
6	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

8 Ch RGB/AL

8 channels

Ch	Function	Default	DMX values
1	Red	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
2	Green	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
3	Blue	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
4	Color Add RY	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
5	Color Add GY	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
6	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
7	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

8 Ch RGB/AL (continued)

Ch	Function	Default	DMX values
8	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

8 Ch RGB/AL + Virtual Dimmer

8 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
2	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
3	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
4	Color Add RY	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
5	Color Add GY	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
6	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
7	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
8	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

223 Ch Extended

10 channels

Ch	Function	Default	DMX values

223 Ch Extended (continued)

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–190 050 191–254 075 255–255 100
2	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Plate_01_RGBAL Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Plate_01_RGBAL Shutter1StrobePulse 1 · 050 2.82–4.... 22–22 Plate_01_RGBAL Shutter1StrobePulse 1 · 100 5 Hz 23–27 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 001... 28–32 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 050... 33–33 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 100... 34–39 Plate_01_RGBAL Shutter1StrobeOpen 1 · 001 1–2.82 ... 40–44 Plate_01_RGBAL Shutter1StrobeOpen 1 · 050 3.18–4.... 45–45 Plate_01_RGBAL Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 51–55 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 56–56 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 57–61 Plate_01_RGBAL Shutter1StrobeClosed 1 · 001 1–2.45... 62–67 Plate_01_RGBAL Shutter1StrobeClosed 1 · 050 2.82–4... 68–68 Plate_01_RGBAL Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 74–78 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 79–79 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 80–84 Plate_01_RGBAL Shutter1StrobeRandom 1 · 001 1–2.... 85–90 Plate_01_RGBAL Shutter1StrobeRandom 1 · 025 3.05... 91–95 Plate_01_RGBAL Shutter1StrobeRandom 1 · 050 5.5–... 96–101 Plate_01_RGBAL Shutter1StrobeRandom 1 · 075 7.5... 102–102 Plate_01_RGBAL Shutter1StrobeRandom 1 · 100 10... 103–114 Plate_01_RGBAL Shutter1StrobeEffect 1 · 001 1–2.8... 115–126 Plate_01_RGBAL Shutter1StrobeEffect 1 · 050 3–4.8... 127–127 Plate_01_RGBAL Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Plate_01_RGBAL Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Plate_01_RGBAL Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Plate_01_RGBAL Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Plate_01_RGBAL Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Plate_01_RGBAL Shutter1Strobe 1 · 100 20 Hz 251–255 Open
3	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
4	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
5	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
6	Color Add RY	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

223 Ch Extended (continued)

Ch	Function	Default	DMX values
7	Color Add GY	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
8	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
9	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
10	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

223 Ch Extended + Virtual Dimmer

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–190 050 191–254 075 255–255 100

223 Ch Extended + Virtual Dimmer (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Head Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Head Shutter1StrobePulse 1 · 050 2.82–4.64 Hz 22–22 Head Shutter1StrobePulse 1 · 100 5 Hz 23–27 Head Shutter1StrobePulseRandom 1 · 001 1–3.8 Hz 28–32 Head Shutter1StrobePulseRandom 1 · 050 4.5–7.3 Hz 33–33 Head Shutter1StrobePulseRandom 1 · 100 8 Hz 34–39 Head Shutter1StrobeOpen 1 · 001 1–2.82 Hz 40–44 Head Shutter1StrobeOpen 1 · 050 3.18–4.64 Hz 45–45 Head Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Head Shutter1StrobeRandomPulseOpen 1 · 001 1–3.... 51–55 Head Shutter1StrobeRandomPulseOpen 1 · 050 4.5–... 56–56 Head Shutter1StrobeRandomPulseOpen 1 · 100 8 Hz 57–61 Head Shutter1StrobeClosed 1 · 001 1–2.45 Hz 62–67 Head Shutter1StrobeClosed 1 · 050 2.82–4.64 Hz 68–68 Head Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Head Shutter1StrobeRandomPulseClose 1 · 001 1–3.... 74–78 Head Shutter1StrobeRandomPulseClose 1 · 050 4.5–... 79–79 Head Shutter1StrobeRandomPulseClose 1 · 100 8 Hz 80–84 Head Shutter1StrobeRandom 1 · 001 1–2.64 Hz 85–90 Head Shutter1StrobeRandom 1 · 025 3.05–5.09 Hz 91–95 Head Shutter1StrobeRandom 1 · 050 5.5–7.14 Hz 96–101 Head Shutter1StrobeRandom 1 · 075 7.55–9.59 Hz 102–102 Head Shutter1StrobeRandom 1 · 100 10 Hz 103–114 Head Shutter1StrobeEffect 1 · 001 1–2.83 Hz 115–126 Head Shutter1StrobeEffect 1 · 050 3–4.83 Hz 127–127 Head Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Head Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Head Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Head Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Head Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Head Shutter1Strobe 1 · 100 20 Hz 251–255 Open
3	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
4	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
5	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
6	Color Add RY	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
7	Color Add GY	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

223 Ch Extended + Virtual Dimmer (continued)

Ch	Function	Default	DMX values
8	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
9	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
10	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

14 Ch Basic

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–190 050 191–254 075 255–255 100
2	Strobe Duration	0	0–5 No Function 6–66 001 67–127 025 128–188 050 189–249 075 250–250 100 251–255 No Function

14 Ch Basic (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Plate_01_RGBAL Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Plate_01_RGBAL Shutter1StrobePulse 1 · 050 2.82–4.... 22–22 Plate_01_RGBAL Shutter1StrobePulse 1 · 100 5 Hz 23–27 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 001... 28–32 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 050... 33–33 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 100... 34–39 Plate_01_RGBAL Shutter1StrobeOpen 1 · 001 1–2.82 ... 40–44 Plate_01_RGBAL Shutter1StrobeOpen 1 · 050 3.18–4.... 45–45 Plate_01_RGBAL Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 51–55 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 56–56 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 57–61 Plate_01_RGBAL Shutter1StrobeClosed 1 · 001 1–2.45... 62–67 Plate_01_RGBAL Shutter1StrobeClosed 1 · 050 2.82–4... 68–68 Plate_01_RGBAL Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 74–78 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 79–79 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 80–84 Plate_01_RGBAL Shutter1StrobeRandom 1 · 001 1–2.... 85–90 Plate_01_RGBAL Shutter1StrobeRandom 1 · 025 3.05... 91–95 Plate_01_RGBAL Shutter1StrobeRandom 1 · 050 5.5–... 96–101 Plate_01_RGBAL Shutter1StrobeRandom 1 · 075 7.5... 102–102 Plate_01_RGBAL Shutter1StrobeRandom 1 · 100 10... 103–114 Plate_01_RGBAL Shutter1StrobeEffect 1 · 001 1–2.8... 115–126 Plate_01_RGBAL Shutter1StrobeEffect 1 · 050 3–4.8... 127–127 Plate_01_RGBAL Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Plate_01_RGBAL Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Plate_01_RGBAL Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Plate_01_RGBAL Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Plate_01_RGBAL Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Plate_01_RGBAL Shutter1Strobe 1 · 100 20 Hz 251–255 Open
4	Strobe Duration	0	0–5 No Function 6–66 001 67–127 025 128–188 050 189–249 075 250–250 100 251–255 No Function

14 Ch Basic (continued)

Ch	Function	Default	DMX values
5	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Plate_02_RGB Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Plate_02_RGB Shutter1StrobePulse 1 · 050 2.82–4.64 … 22–22 Plate_02_RGB Shutter1StrobePulse 1 · 100 5 Hz 23–27 Plate_02_RGB Shutter1StrobePulseRandom 1 · 001 1… 28–32 Plate_02_RGB Shutter1StrobePulseRandom 1 · 050 4.… 33–33 Plate_02_RGB Shutter1StrobePulseRandom 1 · 100 8 … 34–39 Plate_02_RGB Shutter1StrobeOpen 1 · 001 1–2.82 Hz 40–44 Plate_02_RGB Shutter1StrobeOpen 1 · 050 3.18–4.64 … 45–45 Plate_02_RGB Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 51–55 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 56–56 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 57–61 Plate_02_RGB Shutter1StrobeClosed 1 · 001 1–2.45 Hz 62–67 Plate_02_RGB Shutter1StrobeClosed 1 · 050 2.82–4.6… 68–68 Plate_02_RGB Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 74–78 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 79–79 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 80–84 Plate_02_RGB Shutter1StrobeRandom 1 · 001 1–2.64 … 85–90 Plate_02_RGB Shutter1StrobeRandom 1 · 025 3.05–5.… 91–95 Plate_02_RGB Shutter1StrobeRandom 1 · 050 5.5–7.1… 96–101 Plate_02_RGB Shutter1StrobeRandom 1 · 075 7.55–… 102–102 Plate_02_RGB Shutter1StrobeRandom 1 · 100 10 Hz 103–114 Plate_02_RGB Shutter1StrobeEffect 1 · 001 1–2.83 … 115–126 Plate_02_RGB Shutter1StrobeEffect 1 · 050 3–4.83 … 127–127 Plate_02_RGB Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Plate_02_RGB Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Plate_02_RGB Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Plate_02_RGB Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Plate_02_RGB Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Plate_02_RGB Shutter1Strobe 1 · 100 20 Hz 251–255 Open
6	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
7	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
8	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
9	Color Add RY	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
10	Color Add GY	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

14 Ch Basic (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–5 Wheel Slot 0 Open (wheel slot 1) 6–12 Wheel Slot 1 (wheel slot 2) 13–19 Wheel Slot 2 (wheel slot 3) 20–26 Wheel Slot 3 (wheel slot 4) 27–33 Wheel Slot 4 (wheel slot 5) 34–40 Wheel Slot 5 (wheel slot 6) 41–47 Wheel Slot 6 (wheel slot 7) 48–54 Wheel Slot 7 (wheel slot 8) 55–61 Wheel Slot 8 (wheel slot 9) 62–68 Wheel Slot 9 (wheel slot 10) 69–75 Wheel Slot 10 (wheel slot 11) 76–82 Wheel Slot 11 (wheel slot 12) 83–89 Wheel Slot 12 (wheel slot 13) 90–96 Wheel Slot 13 (wheel slot 14) 97–103 Wheel Slot 14 (wheel slot 15) 104–110 Wheel Slot 15 (wheel slot 16) 111–117 Wheel Slot 16 (wheel slot 17) 118–124 Wheel Slot 17 (wheel slot 18) 125–127 Wheel Slot 18 (wheel slot 19) 128–191 Wheel Slot 19 (wheel slot 20) 192–255 Wheel Slot 20 (wheel slot 21)
12	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
13	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
14	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

21 Ch Standard

21 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–190 050 191–254 075 255–255 100
2	Dimmer Fine	0	Fine byte of Dimmer
3	Dimmer	0	0–63 000 64–127 025 128–190 050 191–254 075 255–255 100
4	Dimmer Fine	0	Fine byte of Dimmer
5	Strobe Duration	0	0–5 No Function 6–66 001 67–127 025 128–188 050 189–249 075 250–250 100 251–255 No Function

21 Ch Standard (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Plate_01_RGBAL Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Plate_01_RGBAL Shutter1StrobePulse 1 · 050 2.82–4.... 22–22 Plate_01_RGBAL Shutter1StrobePulse 1 · 100 5 Hz 23–27 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 001... 28–32 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 050... 33–33 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 100... 34–39 Plate_01_RGBAL Shutter1StrobeOpen 1 · 001 1–2.82 ... 40–44 Plate_01_RGBAL Shutter1StrobeOpen 1 · 050 3.18–4.... 45–45 Plate_01_RGBAL Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 51–55 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 56–56 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 57–61 Plate_01_RGBAL Shutter1StrobeClosed 1 · 001 1–2.45... 62–67 Plate_01_RGBAL Shutter1StrobeClosed 1 · 050 2.82–4... 68–68 Plate_01_RGBAL Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 74–78 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 79–79 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 80–84 Plate_01_RGBAL Shutter1StrobeRandom 1 · 001 1–2.... 85–90 Plate_01_RGBAL Shutter1StrobeRandom 1 · 025 3.05... 91–95 Plate_01_RGBAL Shutter1StrobeRandom 1 · 050 5.5–... 96–101 Plate_01_RGBAL Shutter1StrobeRandom 1 · 075 7.5... 102–102 Plate_01_RGBAL Shutter1StrobeRandom 1 · 100 10... 103–114 Plate_01_RGBAL Shutter1StrobeEffect 1 · 001 1–2.8... 115–126 Plate_01_RGBAL Shutter1StrobeEffect 1 · 050 3–4.8... 127–127 Plate_01_RGBAL Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Plate_01_RGBAL Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Plate_01_RGBAL Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Plate_01_RGBAL Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Plate_01_RGBAL Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Plate_01_RGBAL Shutter1Strobe 1 · 100 20 Hz 251–255 Open
7	Strobe Duration	0	0–5 No Function 6–66 001 67–127 025 128–188 050 189–249 075 250–250 100 251–255 No Function

21 Ch Standard (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Plate_02_RGB Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Plate_02_RGB Shutter1StrobePulse 1 · 050 2.82–4.64 … 22–22 Plate_02_RGB Shutter1StrobePulse 1 · 100 5 Hz 23–27 Plate_02_RGB Shutter1StrobePulseRandom 1 · 001 1… 28–32 Plate_02_RGB Shutter1StrobePulseRandom 1 · 050 4.… 33–33 Plate_02_RGB Shutter1StrobePulseRandom 1 · 100 8 … 34–39 Plate_02_RGB Shutter1StrobeOpen 1 · 001 1–2.82 Hz 40–44 Plate_02_RGB Shutter1StrobeOpen 1 · 050 3.18–4.64 … 45–45 Plate_02_RGB Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 51–55 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 56–56 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 57–61 Plate_02_RGB Shutter1StrobeClosed 1 · 001 1–2.45 Hz 62–67 Plate_02_RGB Shutter1StrobeClosed 1 · 050 2.82–4.6… 68–68 Plate_02_RGB Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 74–78 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 79–79 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 80–84 Plate_02_RGB Shutter1StrobeRandom 1 · 001 1–2.64 … 85–90 Plate_02_RGB Shutter1StrobeRandom 1 · 025 3.05–5.… 91–95 Plate_02_RGB Shutter1StrobeRandom 1 · 050 5.5–7.1… 96–101 Plate_02_RGB Shutter1StrobeRandom 1 · 075 7.55–… 102–102 Plate_02_RGB Shutter1StrobeRandom 1 · 100 10 Hz 103–114 Plate_02_RGB Shutter1StrobeEffect 1 · 001 1–2.83 … 115–126 Plate_02_RGB Shutter1StrobeEffect 1 · 050 3–4.83 … 127–127 Plate_02_RGB Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Plate_02_RGB Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Plate_02_RGB Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Plate_02_RGB Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Plate_02_RGB Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Plate_02_RGB Shutter1Strobe 1 · 100 20 Hz 251–255 Open
9	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
10	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
11	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
12	Color Add RY	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
13	Color Add GY	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

21 Ch Standard (continued)

Ch	Function	Default	DMX values
14	Color Wheel	0	0–5 Wheel Slot 0 Open (wheel slot 1) 6–12 Wheel Slot 1 (wheel slot 2) 13–19 Wheel Slot 2 (wheel slot 3) 20–26 Wheel Slot 3 (wheel slot 4) 27–33 Wheel Slot 4 (wheel slot 5) 34–40 Wheel Slot 5 (wheel slot 6) 41–47 Wheel Slot 6 (wheel slot 7) 48–54 Wheel Slot 7 (wheel slot 8) 55–61 Wheel Slot 8 (wheel slot 9) 62–68 Wheel Slot 9 (wheel slot 10) 69–75 Wheel Slot 10 (wheel slot 11) 76–82 Wheel Slot 11 (wheel slot 12) 83–89 Wheel Slot 12 (wheel slot 13) 90–96 Wheel Slot 13 (wheel slot 14) 97–103 Wheel Slot 14 (wheel slot 15) 104–110 Wheel Slot 15 (wheel slot 16) 111–117 Wheel Slot 16 (wheel slot 17) 118–124 Wheel Slot 17 (wheel slot 18) 125–127 Wheel Slot 18 (wheel slot 19) 128–191 Wheel Slot 19 (wheel slot 20) 192–255 Wheel Slot 20 (wheel slot 21)
15	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
16	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
17	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
18	Color Wheel	0	0–15 Wheel Slot 0 Open (wheel slot 1) 16–31 Wheel Slot 1 (wheel slot 2) 32–47 Wheel Slot 2 (wheel slot 3) 48–63 Wheel Slot 3 (wheel slot 4) 64–79 Wheel Slot 4 (wheel slot 5) 80–95 Wheel Slot 5 (wheel slot 6) 96–111 Wheel Slot 6 (wheel slot 7) 112–127 Wheel Slot 7 (wheel slot 8) 128–143 Wheel Slot 8 (wheel slot 9) 144–159 Wheel Slot 9 (wheel slot 10) 160–175 Wheel Slot 10 (wheel slot 11) 176–191 Wheel Slot 11 (wheel slot 12) 192–207 Wheel Slot 12 (wheel slot 13) 208–223 Wheel Slot 13 (wheel slot 14) 224–239 Wheel Slot 14 (wheel slot 15) 240–255 Wheel Slot 15 (wheel slot 16)

21 Ch Standard (continued)

Ch	Function	Default	DMX values
19	Effect	0	0–2 Wheel Slot 0 Open (wheel slot 1) 3–5 Wheel Slot 1 (wheel slot 2) 6–8 Wheel Slot 2 (wheel slot 3) 9–11 Wheel Slot 3 (wheel slot 4) 12–14 Wheel Slot 4 (wheel slot 5) 15–18 Wheel Slot 5 (wheel slot 6) 19–21 Wheel Slot 6 (wheel slot 7) 22–24 Wheel Slot 7 (wheel slot 8) 25–27 Wheel Slot 8 (wheel slot 9) 28–30 Wheel Slot 9 (wheel slot 10) 31–33 Wheel Slot 10 (wheel slot 11) 34–36 Wheel Slot 11 (wheel slot 12) 37–39 Wheel Slot 12 (wheel slot 13) 40–42 Wheel Slot 13 (wheel slot 14) 43–45 Wheel Slot 14 (wheel slot 15) 46–48 Wheel Slot 15 (wheel slot 16) 49–51 Wheel Slot 16 (wheel slot 17) 52–55 Wheel Slot 17 (wheel slot 18) 56–58 Wheel Slot 18 (wheel slot 19) 59–61 Wheel Slot 19 (wheel slot 20) 62–64 Wheel Slot 20 (wheel slot 21) 65–67 Wheel Slot 21 (wheel slot 22) 68–70 Wheel Slot 22 (wheel slot 23) 71–73 Wheel Slot 23 (wheel slot 24) 74–76 Wheel Slot 24 (wheel slot 25) 77–79 Wheel Slot 25 (wheel slot 26) 80–82 Wheel Slot 26 (wheel slot 27) 83–85 Wheel Slot 27 (wheel slot 28) 86–88 Wheel Slot 28 (wheel slot 29) 89–92 Wheel Slot 29 (wheel slot 30) 93–95 Wheel Slot 30 (wheel slot 31) 96–98 Wheel Slot 31 (wheel slot 32) 99–101 Wheel Slot 32 (wheel slot 33) 102–104 Wheel Slot 33 (wheel slot 34) 105–107 Wheel Slot 34 (wheel slot 35) 108–110 Wheel Slot 35 (wheel slot 36) 111–113 Wheel Slot 36 (wheel slot 37) 114–116 Wheel Slot 37 (wheel slot 38) 117–119 Wheel Slot 38 (wheel slot 39) 120–122 Wheel Slot 39 (wheel slot 40) 123–125 Wheel Slot 40 (wheel slot 41) 126–129 Wheel Slot 41 (wheel slot 42) 130–132 Wheel Slot 42 (wheel slot 43) 133–135 Wheel Slot 43 (wheel slot 44) 136–138 Wheel Slot 44 (wheel slot 45) 139–141 Wheel Slot 45 (wheel slot 46) 142–144 Wheel Slot 46 (wheel slot 47) 145–147 Wheel Slot 47 (wheel slot 48) 148–150 Wheel Slot 48 (wheel slot 49) 151–153 Wheel Slot 49 (wheel slot 50) 154–156 Wheel Slot 50 (wheel slot 51) 157–159 Wheel Slot 51 (wheel slot 52) 160–162 Wheel Slot 52 (wheel slot 53) 163–166 Wheel Slot 53 (wheel slot 54) 167–169 Wheel Slot 54 (wheel slot 55) 170–172 Wheel Slot 55 (wheel slot 56) 173–175 Wheel Slot 56 (wheel slot 57) 176–178 Wheel Slot 57 (wheel slot 58) 179–181 Wheel Slot 58 (wheel slot 59) 182–184 Wheel Slot 59 (wheel slot 60) 185–187 Wheel Slot 60 (wheel slot 61) 188–190 Wheel Slot 61 (wheel slot 62) 191–193 Wheel Slot 62 (wheel slot 63) 194–196 Wheel Slot 63 (wheel slot 64)

21 Ch Standard (continued)

Ch	Function	Default	DMX values
20	Effect Speed	0	0–0 000 1–63 001 64–127 025 128–191 050 192–254 075 255–255 100
21	Control1	26	0–5 Idle 6–15 Display On 16–25 Display Off 26–35 Idle 36–45 Linear (1s) 46–55 Square (1s) 56–65 Inverse Square (1s) 66–75 S-Curve (1s) 76–85 idle 86–95 LED Dimmer 96–105 Tungsten Dimmer 106–115 Idle 116–125 Auto 126–135 Normal 136–145 Silent 146–155 Idle 156–165 LED PWM Freq Hz 800 166–175 LED PWM Freq Hz 1200 176–185 LED PWM Freq Hz 2000 186–195 LED PWM Freq Hz 3600 196–205 LED PWM Freq Hz 6000 206–215 LED PWM Freq Hz 25000 216–255 Idle

24 Ch Standard

24 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–190 050 191–254 075 255–255 100
2	Dimmer Fine	0	Fine byte of Dimmer
3	Dimmer	0	0–63 000 64–127 025 128–190 050 191–254 075 255–255 100
4	Dimmer Fine	0	Fine byte of Dimmer
5	Strobe Duration	0	0–5 No Function 6–66 001 67–127 025 128–188 050 189–249 075 250–250 100 251–255 No Function

24 Ch Standard (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Plate_01_RGBAL Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Plate_01_RGBAL Shutter1StrobePulse 1 · 050 2.82–4.... 22–22 Plate_01_RGBAL Shutter1StrobePulse 1 · 100 5 Hz 23–27 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 001... 28–32 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 050... 33–33 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 100... 34–39 Plate_01_RGBAL Shutter1StrobeOpen 1 · 001 1–2.82 ... 40–44 Plate_01_RGBAL Shutter1StrobeOpen 1 · 050 3.18–4.... 45–45 Plate_01_RGBAL Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 51–55 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 56–56 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 57–61 Plate_01_RGBAL Shutter1StrobeClosed 1 · 001 1–2.45... 62–67 Plate_01_RGBAL Shutter1StrobeClosed 1 · 050 2.82–4... 68–68 Plate_01_RGBAL Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 74–78 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 79–79 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 80–84 Plate_01_RGBAL Shutter1StrobeRandom 1 · 001 1–2.... 85–90 Plate_01_RGBAL Shutter1StrobeRandom 1 · 025 3.05... 91–95 Plate_01_RGBAL Shutter1StrobeRandom 1 · 050 5.5–... 96–101 Plate_01_RGBAL Shutter1StrobeRandom 1 · 075 7.5... 102–102 Plate_01_RGBAL Shutter1StrobeRandom 1 · 100 10... 103–114 Plate_01_RGBAL Shutter1StrobeEffect 1 · 001 1–2.8... 115–126 Plate_01_RGBAL Shutter1StrobeEffect 1 · 050 3–4.8... 127–127 Plate_01_RGBAL Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Plate_01_RGBAL Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Plate_01_RGBAL Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Plate_01_RGBAL Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Plate_01_RGBAL Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Plate_01_RGBAL Shutter1Strobe 1 · 100 20 Hz 251–255 Open
7	Strobe Duration	0	0–5 No Function 6–66 001 67–127 025 128–188 050 189–249 075 250–250 100 251–255 No Function

24 Ch Standard (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Plate_02_RGB Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Plate_02_RGB Shutter1StrobePulse 1 · 050 2.82–4.64 … 22–22 Plate_02_RGB Shutter1StrobePulse 1 · 100 5 Hz 23–27 Plate_02_RGB Shutter1StrobePulseRandom 1 · 001 1… 28–32 Plate_02_RGB Shutter1StrobePulseRandom 1 · 050 4.… 33–33 Plate_02_RGB Shutter1StrobePulseRandom 1 · 100 8 … 34–39 Plate_02_RGB Shutter1StrobeOpen 1 · 001 1–2.82 Hz 40–44 Plate_02_RGB Shutter1StrobeOpen 1 · 050 3.18–4.64 … 45–45 Plate_02_RGB Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 51–55 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 56–56 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 57–61 Plate_02_RGB Shutter1StrobeClosed 1 · 001 1–2.45 Hz 62–67 Plate_02_RGB Shutter1StrobeClosed 1 · 050 2.82–4.6… 68–68 Plate_02_RGB Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 74–78 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 79–79 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 80–84 Plate_02_RGB Shutter1StrobeRandom 1 · 001 1–2.64 … 85–90 Plate_02_RGB Shutter1StrobeRandom 1 · 025 3.05–5.… 91–95 Plate_02_RGB Shutter1StrobeRandom 1 · 050 5.5–7.1… 96–101 Plate_02_RGB Shutter1StrobeRandom 1 · 075 7.55–… 102–102 Plate_02_RGB Shutter1StrobeRandom 1 · 100 10 Hz 103–114 Plate_02_RGB Shutter1StrobeEffect 1 · 001 1–2.83 … 115–126 Plate_02_RGB Shutter1StrobeEffect 1 · 050 3–4.83 … 127–127 Plate_02_RGB Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Plate_02_RGB Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Plate_02_RGB Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Plate_02_RGB Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Plate_02_RGB Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Plate_02_RGB Shutter1Strobe 1 · 100 20 Hz 251–255 Open
9	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
10	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
11	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
12	Color Add RY	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
13	Color Add GY	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

24 Ch Standard (continued)

Ch	Function	Default	DMX values
14	Color Wheel	0	0–5 Wheel Slot 0 Open (wheel slot 1) 6–12 Wheel Slot 1 (wheel slot 2) 13–19 Wheel Slot 2 (wheel slot 3) 20–26 Wheel Slot 3 (wheel slot 4) 27–33 Wheel Slot 4 (wheel slot 5) 34–40 Wheel Slot 5 (wheel slot 6) 41–47 Wheel Slot 6 (wheel slot 7) 48–54 Wheel Slot 7 (wheel slot 8) 55–61 Wheel Slot 8 (wheel slot 9) 62–68 Wheel Slot 9 (wheel slot 10) 69–75 Wheel Slot 10 (wheel slot 11) 76–82 Wheel Slot 11 (wheel slot 12) 83–89 Wheel Slot 12 (wheel slot 13) 90–96 Wheel Slot 13 (wheel slot 14) 97–103 Wheel Slot 14 (wheel slot 15) 104–110 Wheel Slot 15 (wheel slot 16) 111–117 Wheel Slot 16 (wheel slot 17) 118–124 Wheel Slot 17 (wheel slot 18) 125–127 Wheel Slot 18 (wheel slot 19) 128–191 Wheel Slot 19 (wheel slot 20) 192–255 Wheel Slot 20 (wheel slot 21)
15	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
16	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
17	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
18	Color Wheel	0	0–15 Wheel Slot 0 Open (wheel slot 1) 16–31 Wheel Slot 1 (wheel slot 2) 32–47 Wheel Slot 2 (wheel slot 3) 48–63 Wheel Slot 3 (wheel slot 4) 64–79 Wheel Slot 4 (wheel slot 5) 80–95 Wheel Slot 5 (wheel slot 6) 96–111 Wheel Slot 6 (wheel slot 7) 112–127 Wheel Slot 7 (wheel slot 8) 128–143 Wheel Slot 8 (wheel slot 9) 144–159 Wheel Slot 9 (wheel slot 10) 160–175 Wheel Slot 10 (wheel slot 11) 176–191 Wheel Slot 11 (wheel slot 12) 192–207 Wheel Slot 12 (wheel slot 13) 208–223 Wheel Slot 13 (wheel slot 14) 224–239 Wheel Slot 14 (wheel slot 15) 240–255 Wheel Slot 15 (wheel slot 16)
19	Dimmer	255	0–63 Closed 64–127 25% 128–190 50% 191–254 75% 255–255 Open

24 Ch Standard (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–15 Wheel Slot 0 Open (wheel slot 1) 16–31 Wheel Slot 1 (wheel slot 2) 32–47 Wheel Slot 2 (wheel slot 3) 48–63 Wheel Slot 3 (wheel slot 4) 64–79 Wheel Slot 4 (wheel slot 5) 80–95 Wheel Slot 5 (wheel slot 6) 96–111 Wheel Slot 6 (wheel slot 7) 112–127 Wheel Slot 7 (wheel slot 8) 128–143 Wheel Slot 8 (wheel slot 9) 144–159 Wheel Slot 9 (wheel slot 10) 160–175 Wheel Slot 10 (wheel slot 11) 176–191 Wheel Slot 11 (wheel slot 12) 192–207 Wheel Slot 12 (wheel slot 13) 208–223 Wheel Slot 13 (wheel slot 14) 224–239 Wheel Slot 14 (wheel slot 15) 240–255 Wheel Slot 15 (wheel slot 16)
21	Dimmer	255	0–63 Closed 64–127 25% 128–190 50% 191–254 75% 255–255 Open

24 Ch Standard (continued)

Ch	Function	Default	DMX values
22	Effect	0	0–2 Wheel Slot 0 Open (wheel slot 1) 3–5 Wheel Slot 1 (wheel slot 2) 6–8 Wheel Slot 2 (wheel slot 3) 9–11 Wheel Slot 3 (wheel slot 4) 12–14 Wheel Slot 4 (wheel slot 5) 15–18 Wheel Slot 5 (wheel slot 6) 19–21 Wheel Slot 6 (wheel slot 7) 22–24 Wheel Slot 7 (wheel slot 8) 25–27 Wheel Slot 8 (wheel slot 9) 28–30 Wheel Slot 9 (wheel slot 10) 31–33 Wheel Slot 10 (wheel slot 11) 34–36 Wheel Slot 11 (wheel slot 12) 37–39 Wheel Slot 12 (wheel slot 13) 40–42 Wheel Slot 13 (wheel slot 14) 43–45 Wheel Slot 14 (wheel slot 15) 46–48 Wheel Slot 15 (wheel slot 16) 49–51 Wheel Slot 16 (wheel slot 17) 52–55 Wheel Slot 17 (wheel slot 18) 56–58 Wheel Slot 18 (wheel slot 19) 59–61 Wheel Slot 19 (wheel slot 20) 62–64 Wheel Slot 20 (wheel slot 21) 65–67 Wheel Slot 21 (wheel slot 22) 68–70 Wheel Slot 22 (wheel slot 23) 71–73 Wheel Slot 23 (wheel slot 24) 74–76 Wheel Slot 24 (wheel slot 25) 77–79 Wheel Slot 25 (wheel slot 26) 80–82 Wheel Slot 26 (wheel slot 27) 83–85 Wheel Slot 27 (wheel slot 28) 86–88 Wheel Slot 28 (wheel slot 29) 89–92 Wheel Slot 29 (wheel slot 30) 93–95 Wheel Slot 30 (wheel slot 31) 96–98 Wheel Slot 31 (wheel slot 32) 99–101 Wheel Slot 32 (wheel slot 33) 102–104 Wheel Slot 33 (wheel slot 34) 105–107 Wheel Slot 34 (wheel slot 35) 108–110 Wheel Slot 35 (wheel slot 36) 111–113 Wheel Slot 36 (wheel slot 37) 114–116 Wheel Slot 37 (wheel slot 38) 117–119 Wheel Slot 38 (wheel slot 39) 120–122 Wheel Slot 39 (wheel slot 40) 123–125 Wheel Slot 40 (wheel slot 41) 126–129 Wheel Slot 41 (wheel slot 42) 130–132 Wheel Slot 42 (wheel slot 43) 133–135 Wheel Slot 43 (wheel slot 44) 136–138 Wheel Slot 44 (wheel slot 45) 139–141 Wheel Slot 45 (wheel slot 46) 142–144 Wheel Slot 46 (wheel slot 47) 145–147 Wheel Slot 47 (wheel slot 48) 148–150 Wheel Slot 48 (wheel slot 49) 151–153 Wheel Slot 49 (wheel slot 50) 154–156 Wheel Slot 50 (wheel slot 51) 157–159 Wheel Slot 51 (wheel slot 52) 160–162 Wheel Slot 52 (wheel slot 53) 163–166 Wheel Slot 53 (wheel slot 54) 167–169 Wheel Slot 54 (wheel slot 55) 170–172 Wheel Slot 55 (wheel slot 56) 173–175 Wheel Slot 56 (wheel slot 57) 176–178 Wheel Slot 57 (wheel slot 58) 179–181 Wheel Slot 58 (wheel slot 59) 182–184 Wheel Slot 59 (wheel slot 60) 185–187 Wheel Slot 60 (wheel slot 61) 188–190 Wheel Slot 61 (wheel slot 62) 191–193 Wheel Slot 62 (wheel slot 63) 194–196 Wheel Slot 63 (wheel slot 64)

24 Ch Standard (continued)

Ch	Function	Default	DMX values
23	Effect Speed	0	0–0 000 1–63 001 64–127 025 128–191 050 192–254 075 255–255 100
24	Control1	26	0–5 Idle 6–15 Display On 16–25 Display Off 26–35 Idle 36–45 Linear (1s) 46–55 Square (1s) 56–65 Inverse Square (1s) 66–75 S-Curve (1s) 76–85 idle 86–95 LED Dimmer 96–105 Tungsten Dimmer 106–115 Idle 116–125 Auto 126–135 Normal 136–145 Silent 146–155 Idle 156–165 LED PWM Freq Hz 800 166–175 LED PWM Freq Hz 1200 176–185 LED PWM Freq Hz 2000 186–195 LED PWM Freq Hz 3600 196–205 LED PWM Freq Hz 6000 206–215 LED PWM Freq Hz 25000 216–255 Idle

235 Ch MA3 Ultra

235 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer	255	
3	Dimmer	255	
4	Strobe Duration	0	

235 Ch MA3 Ultra (continued)

Ch	Function	Default	DMX values
5	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Plate_01_RGBAL Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Plate_01_RGBAL Shutter1StrobePulse 1 · 050 2.82–4.... 22–22 Plate_01_RGBAL Shutter1StrobePulse 1 · 100 5 Hz 23–27 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 001... 28–32 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 050... 33–33 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 100... 34–39 Plate_01_RGBAL Shutter1StrobeOpen 1 · 001 1–2.82 ... 40–44 Plate_01_RGBAL Shutter1StrobeOpen 1 · 050 3.18–4.... 45–45 Plate_01_RGBAL Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 51–55 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 56–56 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 57–61 Plate_01_RGBAL Shutter1StrobeClosed 1 · 001 1–2.45... 62–67 Plate_01_RGBAL Shutter1StrobeClosed 1 · 050 2.82–4... 68–68 Plate_01_RGBAL Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 74–78 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 79–79 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 80–84 Plate_01_RGBAL Shutter1StrobeRandom 1 · 001 1–2.... 85–90 Plate_01_RGBAL Shutter1StrobeRandom 1 · 025 3.05... 91–95 Plate_01_RGBAL Shutter1StrobeRandom 1 · 050 5.5–... 96–101 Plate_01_RGBAL Shutter1StrobeRandom 1 · 075 7.5... 102–102 Plate_01_RGBAL Shutter1StrobeRandom 1 · 100 10... 103–114 Plate_01_RGBAL Shutter1StrobeEffect 1 · 001 1–2.8... 115–126 Plate_01_RGBAL Shutter1StrobeEffect 1 · 050 3–4.8... 127–127 Plate_01_RGBAL Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Plate_01_RGBAL Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Plate_01_RGBAL Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Plate_01_RGBAL Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Plate_01_RGBAL Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Plate_01_RGBAL Shutter1Strobe 1 · 100 20 Hz 251–255 Open
6	Strobe Duration	0	

235 Ch MA3 Ultra (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Plate_02_RGB Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Plate_02_RGB Shutter1StrobePulse 1 · 050 2.82–4.64 ... 22–22 Plate_02_RGB Shutter1StrobePulse 1 · 100 5 Hz 23–27 Plate_02_RGB Shutter1StrobePulseRandom 1 · 001 1... 28–32 Plate_02_RGB Shutter1StrobePulseRandom 1 · 050 4.... 33–33 Plate_02_RGB Shutter1StrobePulseRandom 1 · 100 8 ... 34–39 Plate_02_RGB Shutter1StrobeOpen 1 · 001 1–2.82 Hz 40–44 Plate_02_RGB Shutter1StrobeOpen 1 · 050 3.18–4.64 ... 45–45 Plate_02_RGB Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · ... 51–55 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · ... 56–56 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · ... 57–61 Plate_02_RGB Shutter1StrobeClosed 1 · 001 1–2.45 Hz 62–67 Plate_02_RGB Shutter1StrobeClosed 1 · 050 2.82–4.6... 68–68 Plate_02_RGB Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · ... 74–78 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · ... 79–79 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · ... 80–84 Plate_02_RGB Shutter1StrobeRandom 1 · 001 1–2.64 ... 85–90 Plate_02_RGB Shutter1StrobeRandom 1 · 025 3.05–5.... 91–95 Plate_02_RGB Shutter1StrobeRandom 1 · 050 5.5–7.1... 96–101 Plate_02_RGB Shutter1StrobeRandom 1 · 075 7.55–... 102–102 Plate_02_RGB Shutter1StrobeRandom 1 · 100 10 Hz 103–114 Plate_02_RGB Shutter1StrobeEffect 1 · 001 1–2.83 ... 115–126 Plate_02_RGB Shutter1StrobeEffect 1 · 050 3–4.83 ... 127–127 Plate_02_RGB Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Plate_02_RGB Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Plate_02_RGB Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Plate_02_RGB Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Plate_02_RGB Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Plate_02_RGB Shutter1Strobe 1 · 100 20 Hz 251–255 Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	Color Add RY	255	
12	Color Add GY	255	
13	Red	255	
14	Green	255	
15	Blue	255	
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	

235 Ch MA3 Ultra (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	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	

235 Ch MA3 Ultra (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	Reserved 110	0	
111	Reserved 111	0	
112	Reserved 112	0	
113	Reserved 113	0	
114	Reserved 114	0	
115	Reserved 115	0	
116	Reserved 116	0	
117	Reserved 117	0	
118	Reserved 118	0	

235 Ch MA3 Ultra (continued)

Ch	Function	Default	DMX values
119	Reserved 119	0	
120	Reserved 120	0	
121	Reserved 121	0	
122	Reserved 122	0	
123	Reserved 123	0	
124	Reserved 124	0	
125	Reserved 125	0	
126	Reserved 126	0	
127	Reserved 127	0	
128	Reserved 128	0	
129	Reserved 129	0	
130	Reserved 130	0	
131	Reserved 131	0	
132	Reserved 132	0	
133	Reserved 133	0	
134	Reserved 134	0	
135	Reserved 135	0	
136	Reserved 136	0	
137	Reserved 137	0	
138	Reserved 138	0	
139	Reserved 139	0	
140	Reserved 140	0	
141	Reserved 141	0	
142	Reserved 142	0	
143	Reserved 143	0	
144	Reserved 144	0	
145	Reserved 145	0	
146	Reserved 146	0	
147	Reserved 147	0	
148	Reserved 148	0	
149	Reserved 149	0	
150	Reserved 150	0	
151	Reserved 151	0	
152	Reserved 152	0	
153	Reserved 153	0	
154	Reserved 154	0	
155	Reserved 155	0	
156	Reserved 156	0	
157	Reserved 157	0	
158	Reserved 158	0	
159	Reserved 159	0	
160	Reserved 160	0	
161	Reserved 161	0	
162	Reserved 162	0	
163	Reserved 163	0	

235 Ch MA3 Ultra (continued)

Ch	Function	Default	DMX values
164	Reserved 164	0	
165	Reserved 165	0	
166	Reserved 166	0	
167	Reserved 167	0	
168	Reserved 168	0	
169	Reserved 169	0	
170	Reserved 170	0	
171	Reserved 171	0	
172	Reserved 172	0	
173	Reserved 173	0	
174	Reserved 174	0	
175	Reserved 175	0	
176	Reserved 176	0	
177	Reserved 177	0	
178	Reserved 178	0	
179	Reserved 179	0	
180	Reserved 180	0	
181	Reserved 181	0	
182	Reserved 182	0	
183	Reserved 183	0	
184	Reserved 184	0	
185	Reserved 185	0	
186	Reserved 186	0	
187	Reserved 187	0	
188	Reserved 188	0	
189	Reserved 189	0	
190	Reserved 190	0	
191	Reserved 191	0	
192	Reserved 192	0	
193	Reserved 193	0	
194	Reserved 194	0	
195	Reserved 195	0	
196	Reserved 196	0	
197	Reserved 197	0	
198	Reserved 198	0	
199	Reserved 199	0	
200	Reserved 200	0	
201	Reserved 201	0	
202	Reserved 202	0	
203	Reserved 203	0	
204	Reserved 204	0	
205	Reserved 205	0	
206	Reserved 206	0	
207	Reserved 207	0	
208	Reserved 208	0	

235 Ch MA3 Ultra (continued)

Ch	Function	Default	DMX values
209	Reserved 209	0	
210	Reserved 210	0	
211	Reserved 211	0	
212	Reserved 212	0	
213	Reserved 213	0	
214	Reserved 214	0	
215	Reserved 215	0	
216	Reserved 216	0	
217	Reserved 217	0	
218	Reserved 218	0	
219	Reserved 219	0	
220	Reserved 220	0	
221	Reserved 221	0	
222	Reserved 222	0	
223	Reserved 223	0	
224	Reserved 224	0	
225	Reserved 225	0	
226	Reserved 226	0	
227	Reserved 227	0	
228	Reserved 228	0	
229	Color Wheel	0	0–15 Wheel Slot 0 Open (wheel slot 1) 16–31 Wheel Slot 1 (wheel slot 2) 32–47 Wheel Slot 2 (wheel slot 3) 48–63 Wheel Slot 3 (wheel slot 4) 64–79 Wheel Slot 4 (wheel slot 5) 80–95 Wheel Slot 5 (wheel slot 6) 96–111 Wheel Slot 6 (wheel slot 7) 112–127 Wheel Slot 7 (wheel slot 8) 128–143 Wheel Slot 8 (wheel slot 9) 144–159 Wheel Slot 9 (wheel slot 10) 160–175 Wheel Slot 10 (wheel slot 11) 176–191 Wheel Slot 11 (wheel slot 12) 192–207 Wheel Slot 12 (wheel slot 13) 208–223 Wheel Slot 13 (wheel slot 14) 224–239 Wheel Slot 14 (wheel slot 15) 240–255 Wheel Slot 15 (wheel slot 16)
230	Dimmer	255	
231	Color Wheel	0	0–15 Wheel Slot 0 Open (wheel slot 1) 16–31 Wheel Slot 1 (wheel slot 2) 32–47 Wheel Slot 2 (wheel slot 3) 48–63 Wheel Slot 3 (wheel slot 4) 64–79 Wheel Slot 4 (wheel slot 5) 80–95 Wheel Slot 5 (wheel slot 6) 96–111 Wheel Slot 6 (wheel slot 7) 112–127 Wheel Slot 7 (wheel slot 8) 128–143 Wheel Slot 8 (wheel slot 9) 144–159 Wheel Slot 9 (wheel slot 10) 160–175 Wheel Slot 10 (wheel slot 11) 176–191 Wheel Slot 11 (wheel slot 12) 192–207 Wheel Slot 12 (wheel slot 13) 208–223 Wheel Slot 13 (wheel slot 14) 224–239 Wheel Slot 14 (wheel slot 15) 240–255 Wheel Slot 15 (wheel slot 16)
232	Dimmer	255	

235 Ch MA3 Ultra (continued)

Ch	Function	Default	DMX values
233	Effect	0	0–2 Wheel Slot 0 Open (wheel slot 1) 3–5 Wheel Slot 1 (wheel slot 2) 6–8 Wheel Slot 2 (wheel slot 3) 9–11 Wheel Slot 3 (wheel slot 4) 12–14 Wheel Slot 4 (wheel slot 5) 15–18 Wheel Slot 5 (wheel slot 6) 19–21 Wheel Slot 6 (wheel slot 7) 22–24 Wheel Slot 7 (wheel slot 8) 25–27 Wheel Slot 8 (wheel slot 9) 28–30 Wheel Slot 9 (wheel slot 10) 31–33 Wheel Slot 10 (wheel slot 11) 34–36 Wheel Slot 11 (wheel slot 12) 37–39 Wheel Slot 12 (wheel slot 13) 40–42 Wheel Slot 13 (wheel slot 14) 43–45 Wheel Slot 14 (wheel slot 15) 46–48 Wheel Slot 15 (wheel slot 16) 49–51 Wheel Slot 16 (wheel slot 17) 52–55 Wheel Slot 17 (wheel slot 18) 56–58 Wheel Slot 18 (wheel slot 19) 59–61 Wheel Slot 19 (wheel slot 20) 62–64 Wheel Slot 20 (wheel slot 21) 65–67 Wheel Slot 21 (wheel slot 22) 68–70 Wheel Slot 22 (wheel slot 23) 71–73 Wheel Slot 23 (wheel slot 24) 74–76 Wheel Slot 24 (wheel slot 25) 77–79 Wheel Slot 25 (wheel slot 26) 80–82 Wheel Slot 26 (wheel slot 27) 83–85 Wheel Slot 27 (wheel slot 28) 86–88 Wheel Slot 28 (wheel slot 29) 89–92 Wheel Slot 29 (wheel slot 30) 93–95 Wheel Slot 30 (wheel slot 31) 96–98 Wheel Slot 31 (wheel slot 32) 99–101 Wheel Slot 32 (wheel slot 33) 102–104 Wheel Slot 33 (wheel slot 34) 105–107 Wheel Slot 34 (wheel slot 35) 108–110 Wheel Slot 35 (wheel slot 36) 111–113 Wheel Slot 36 (wheel slot 37) 114–116 Wheel Slot 37 (wheel slot 38) 117–119 Wheel Slot 38 (wheel slot 39) 120–122 Wheel Slot 39 (wheel slot 40) 123–125 Wheel Slot 40 (wheel slot 41) 126–129 Wheel Slot 41 (wheel slot 42) 130–132 Wheel Slot 42 (wheel slot 43) 133–135 Wheel Slot 43 (wheel slot 44) 136–138 Wheel Slot 44 (wheel slot 45) 139–141 Wheel Slot 45 (wheel slot 46) 142–144 Wheel Slot 46 (wheel slot 47) 145–147 Wheel Slot 47 (wheel slot 48) 148–150 Wheel Slot 48 (wheel slot 49) 151–153 Wheel Slot 49 (wheel slot 50) 154–156 Wheel Slot 50 (wheel slot 51) 157–159 Wheel Slot 51 (wheel slot 52) 160–162 Wheel Slot 52 (wheel slot 53) 163–166 Wheel Slot 53 (wheel slot 54) 167–169 Wheel Slot 54 (wheel slot 55) 170–172 Wheel Slot 55 (wheel slot 56) 173–175 Wheel Slot 56 (wheel slot 57) 176–178 Wheel Slot 57 (wheel slot 58) 179–181 Wheel Slot 58 (wheel slot 59) 182–184 Wheel Slot 59 (wheel slot 60) 185–187 Wheel Slot 60 (wheel slot 61) 188–190 Wheel Slot 61 (wheel slot 62) 191–193 Wheel Slot 62 (wheel slot 63) 194–196 Wheel Slot 63 (wheel slot 64)

235 Ch MA3 Ultra (continued)

Ch	Function	Default	DMX values
234	Effect Speed	0	
235	Control1	26	

235 Ch Ultra

235 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer	255	
3	Dimmer	255	
4	Strobe Duration	0	
5	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Plate_01_RGBAL Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Plate_01_RGBAL Shutter1StrobePulse 1 · 050 2.82–4.... 22–22 Plate_01_RGBAL Shutter1StrobePulse 1 · 100 5 Hz 23–27 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 001... 28–32 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 050... 33–33 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 100... 34–39 Plate_01_RGBAL Shutter1StrobeOpen 1 · 001 1–2.82 ... 40–44 Plate_01_RGBAL Shutter1StrobeOpen 1 · 050 3.18–4.... 45–45 Plate_01_RGBAL Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 51–55 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 56–56 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 57–61 Plate_01_RGBAL Shutter1StrobeClosed 1 · 001 1–2.45... 62–67 Plate_01_RGBAL Shutter1StrobeClosed 1 · 050 2.82–4... 68–68 Plate_01_RGBAL Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 74–78 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 79–79 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 80–84 Plate_01_RGBAL Shutter1StrobeRandom 1 · 001 1–2.... 85–90 Plate_01_RGBAL Shutter1StrobeRandom 1 · 025 3.05... 91–95 Plate_01_RGBAL Shutter1StrobeRandom 1 · 050 5.5–... 96–101 Plate_01_RGBAL Shutter1StrobeRandom 1 · 075 7.5... 102–102 Plate_01_RGBAL Shutter1StrobeRandom 1 · 100 10... 103–114 Plate_01_RGBAL Shutter1StrobeEffect 1 · 001 1–2.8... 115–126 Plate_01_RGBAL Shutter1StrobeEffect 1 · 050 3–4.8... 127–127 Plate_01_RGBAL Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Plate_01_RGBAL Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Plate_01_RGBAL Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Plate_01_RGBAL Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Plate_01_RGBAL Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Plate_01_RGBAL Shutter1Strobe 1 · 100 20 Hz 251–255 Open
6	Strobe Duration	0	

235 Ch Ultra (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Plate_02_RGB Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Plate_02_RGB Shutter1StrobePulse 1 · 050 2.82–4.64 … 22–22 Plate_02_RGB Shutter1StrobePulse 1 · 100 5 Hz 23–27 Plate_02_RGB Shutter1StrobePulseRandom 1 · 001 1… 28–32 Plate_02_RGB Shutter1StrobePulseRandom 1 · 050 4.… 33–33 Plate_02_RGB Shutter1StrobePulseRandom 1 · 100 8 … 34–39 Plate_02_RGB Shutter1StrobeOpen 1 · 001 1–2.82 Hz 40–44 Plate_02_RGB Shutter1StrobeOpen 1 · 050 3.18–4.64 … 45–45 Plate_02_RGB Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 51–55 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 56–56 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 57–61 Plate_02_RGB Shutter1StrobeClosed 1 · 001 1–2.45 Hz 62–67 Plate_02_RGB Shutter1StrobeClosed 1 · 050 2.82–4.6… 68–68 Plate_02_RGB Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 74–78 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 79–79 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 80–84 Plate_02_RGB Shutter1StrobeRandom 1 · 001 1–2.64 … 85–90 Plate_02_RGB Shutter1StrobeRandom 1 · 025 3.05–5.… 91–95 Plate_02_RGB Shutter1StrobeRandom 1 · 050 5.5–7.1… 96–101 Plate_02_RGB Shutter1StrobeRandom 1 · 075 7.55–… 102–102 Plate_02_RGB Shutter1StrobeRandom 1 · 100 10 Hz 103–114 Plate_02_RGB Shutter1StrobeEffect 1 · 001 1–2.83 … 115–126 Plate_02_RGB Shutter1StrobeEffect 1 · 050 3–4.83 … 127–127 Plate_02_RGB Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Plate_02_RGB Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Plate_02_RGB Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Plate_02_RGB Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Plate_02_RGB Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Plate_02_RGB Shutter1Strobe 1 · 100 20 Hz 251–255 Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	Color Add RY	255	
12	Color Add GY	255	
13	Red	255	
14	Green	255	
15	Blue	255	
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	

235 Ch Ultra (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	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	

235 Ch Ultra (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	Reserved 110	0	
111	Reserved 111	0	
112	Reserved 112	0	
113	Reserved 113	0	
114	Reserved 114	0	
115	Reserved 115	0	
116	Reserved 116	0	
117	Reserved 117	0	
118	Reserved 118	0	

235 Ch Ultra (continued)

Ch	Function	Default	DMX values
119	Reserved 119	0	
120	Reserved 120	0	
121	Reserved 121	0	
122	Reserved 122	0	
123	Reserved 123	0	
124	Reserved 124	0	
125	Reserved 125	0	
126	Reserved 126	0	
127	Reserved 127	0	
128	Reserved 128	0	
129	Reserved 129	0	
130	Reserved 130	0	
131	Reserved 131	0	
132	Reserved 132	0	
133	Reserved 133	0	
134	Reserved 134	0	
135	Reserved 135	0	
136	Reserved 136	0	
137	Reserved 137	0	
138	Reserved 138	0	
139	Reserved 139	0	
140	Reserved 140	0	
141	Reserved 141	0	
142	Reserved 142	0	
143	Reserved 143	0	
144	Reserved 144	0	
145	Reserved 145	0	
146	Reserved 146	0	
147	Reserved 147	0	
148	Reserved 148	0	
149	Reserved 149	0	
150	Reserved 150	0	
151	Reserved 151	0	
152	Reserved 152	0	
153	Reserved 153	0	
154	Reserved 154	0	
155	Reserved 155	0	
156	Reserved 156	0	
157	Reserved 157	0	
158	Reserved 158	0	
159	Reserved 159	0	
160	Reserved 160	0	
161	Reserved 161	0	
162	Reserved 162	0	
163	Reserved 163	0	

235 Ch Ultra (continued)

Ch	Function	Default	DMX values
164	Reserved 164	0	
165	Reserved 165	0	
166	Reserved 166	0	
167	Reserved 167	0	
168	Reserved 168	0	
169	Reserved 169	0	
170	Reserved 170	0	
171	Reserved 171	0	
172	Reserved 172	0	
173	Reserved 173	0	
174	Reserved 174	0	
175	Reserved 175	0	
176	Reserved 176	0	
177	Reserved 177	0	
178	Reserved 178	0	
179	Reserved 179	0	
180	Reserved 180	0	
181	Reserved 181	0	
182	Reserved 182	0	
183	Reserved 183	0	
184	Reserved 184	0	
185	Reserved 185	0	
186	Reserved 186	0	
187	Reserved 187	0	
188	Reserved 188	0	
189	Reserved 189	0	
190	Reserved 190	0	
191	Reserved 191	0	
192	Reserved 192	0	
193	Reserved 193	0	
194	Reserved 194	0	
195	Reserved 195	0	
196	Reserved 196	0	
197	Reserved 197	0	
198	Reserved 198	0	
199	Reserved 199	0	
200	Reserved 200	0	
201	Reserved 201	0	
202	Reserved 202	0	
203	Reserved 203	0	
204	Reserved 204	0	
205	Reserved 205	0	
206	Reserved 206	0	
207	Reserved 207	0	
208	Reserved 208	0	

235 Ch Ultra (continued)

Ch	Function	Default	DMX values
209	Reserved 209	0	
210	Reserved 210	0	
211	Reserved 211	0	
212	Reserved 212	0	
213	Reserved 213	0	
214	Reserved 214	0	
215	Reserved 215	0	
216	Reserved 216	0	
217	Reserved 217	0	
218	Reserved 218	0	
219	Reserved 219	0	
220	Reserved 220	0	
221	Reserved 221	0	
222	Reserved 222	0	
223	Reserved 223	0	
224	Reserved 224	0	
225	Reserved 225	0	
226	Reserved 226	0	
227	Reserved 227	0	
228	Reserved 228	0	
229	Color Wheel	0	0–15 Wheel Slot 0 Open (wheel slot 1) 16–31 Wheel Slot 1 (wheel slot 2) 32–47 Wheel Slot 2 (wheel slot 3) 48–63 Wheel Slot 3 (wheel slot 4) 64–79 Wheel Slot 4 (wheel slot 5) 80–95 Wheel Slot 5 (wheel slot 6) 96–111 Wheel Slot 6 (wheel slot 7) 112–127 Wheel Slot 7 (wheel slot 8) 128–143 Wheel Slot 8 (wheel slot 9) 144–159 Wheel Slot 9 (wheel slot 10) 160–175 Wheel Slot 10 (wheel slot 11) 176–191 Wheel Slot 11 (wheel slot 12) 192–207 Wheel Slot 12 (wheel slot 13) 208–223 Wheel Slot 13 (wheel slot 14) 224–239 Wheel Slot 14 (wheel slot 15) 240–255 Wheel Slot 15 (wheel slot 16)
230	Dimmer	255	
231	Color Wheel	0	0–15 Wheel Slot 0 Open (wheel slot 1) 16–31 Wheel Slot 1 (wheel slot 2) 32–47 Wheel Slot 2 (wheel slot 3) 48–63 Wheel Slot 3 (wheel slot 4) 64–79 Wheel Slot 4 (wheel slot 5) 80–95 Wheel Slot 5 (wheel slot 6) 96–111 Wheel Slot 6 (wheel slot 7) 112–127 Wheel Slot 7 (wheel slot 8) 128–143 Wheel Slot 8 (wheel slot 9) 144–159 Wheel Slot 9 (wheel slot 10) 160–175 Wheel Slot 10 (wheel slot 11) 176–191 Wheel Slot 11 (wheel slot 12) 192–207 Wheel Slot 12 (wheel slot 13) 208–223 Wheel Slot 13 (wheel slot 14) 224–239 Wheel Slot 14 (wheel slot 15) 240–255 Wheel Slot 15 (wheel slot 16)
232	Dimmer	255	

235 Ch Ultra (continued)

Ch	Function	Default	DMX values
233	Effect	0	0–2 Wheel Slot 0 Open (wheel slot 1) 3–5 Wheel Slot 1 (wheel slot 2) 6–8 Wheel Slot 2 (wheel slot 3) 9–11 Wheel Slot 3 (wheel slot 4) 12–14 Wheel Slot 4 (wheel slot 5) 15–18 Wheel Slot 5 (wheel slot 6) 19–21 Wheel Slot 6 (wheel slot 7) 22–24 Wheel Slot 7 (wheel slot 8) 25–27 Wheel Slot 8 (wheel slot 9) 28–30 Wheel Slot 9 (wheel slot 10) 31–33 Wheel Slot 10 (wheel slot 11) 34–36 Wheel Slot 11 (wheel slot 12) 37–39 Wheel Slot 12 (wheel slot 13) 40–42 Wheel Slot 13 (wheel slot 14) 43–45 Wheel Slot 14 (wheel slot 15) 46–48 Wheel Slot 15 (wheel slot 16) 49–51 Wheel Slot 16 (wheel slot 17) 52–55 Wheel Slot 17 (wheel slot 18) 56–58 Wheel Slot 18 (wheel slot 19) 59–61 Wheel Slot 19 (wheel slot 20) 62–64 Wheel Slot 20 (wheel slot 21) 65–67 Wheel Slot 21 (wheel slot 22) 68–70 Wheel Slot 22 (wheel slot 23) 71–73 Wheel Slot 23 (wheel slot 24) 74–76 Wheel Slot 24 (wheel slot 25) 77–79 Wheel Slot 25 (wheel slot 26) 80–82 Wheel Slot 26 (wheel slot 27) 83–85 Wheel Slot 27 (wheel slot 28) 86–88 Wheel Slot 28 (wheel slot 29) 89–92 Wheel Slot 29 (wheel slot 30) 93–95 Wheel Slot 30 (wheel slot 31) 96–98 Wheel Slot 31 (wheel slot 32) 99–101 Wheel Slot 32 (wheel slot 33) 102–104 Wheel Slot 33 (wheel slot 34) 105–107 Wheel Slot 34 (wheel slot 35) 108–110 Wheel Slot 35 (wheel slot 36) 111–113 Wheel Slot 36 (wheel slot 37) 114–116 Wheel Slot 37 (wheel slot 38) 117–119 Wheel Slot 38 (wheel slot 39) 120–122 Wheel Slot 39 (wheel slot 40) 123–125 Wheel Slot 40 (wheel slot 41) 126–129 Wheel Slot 41 (wheel slot 42) 130–132 Wheel Slot 42 (wheel slot 43) 133–135 Wheel Slot 43 (wheel slot 44) 136–138 Wheel Slot 44 (wheel slot 45) 139–141 Wheel Slot 45 (wheel slot 46) 142–144 Wheel Slot 46 (wheel slot 47) 145–147 Wheel Slot 47 (wheel slot 48) 148–150 Wheel Slot 48 (wheel slot 49) 151–153 Wheel Slot 49 (wheel slot 50) 154–156 Wheel Slot 50 (wheel slot 51) 157–159 Wheel Slot 51 (wheel slot 52) 160–162 Wheel Slot 52 (wheel slot 53) 163–166 Wheel Slot 53 (wheel slot 54) 167–169 Wheel Slot 54 (wheel slot 55) 170–172 Wheel Slot 55 (wheel slot 56) 173–175 Wheel Slot 56 (wheel slot 57) 176–178 Wheel Slot 57 (wheel slot 58) 179–181 Wheel Slot 58 (wheel slot 59) 182–184 Wheel Slot 59 (wheel slot 60) 185–187 Wheel Slot 60 (wheel slot 61) 188–190 Wheel Slot 61 (wheel slot 62) 191–193 Wheel Slot 62 (wheel slot 63) 194–196 Wheel Slot 63 (wheel slot 64)

235 Ch Ultra (continued)

Ch	Function	Default	DMX values
234	Effect Speed	0	
235	Control1	26	

235 Ch Ultra + Virtual Dimmer

235 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer	255	
3	Dimmer	255	
4	Strobe Duration	0	
5	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Plate_01_RGBAL Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Plate_01_RGBAL Shutter1StrobePulse 1 · 050 2.82–4.... 22–22 Plate_01_RGBAL Shutter1StrobePulse 1 · 100 5 Hz 23–27 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 001... 28–32 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 050... 33–33 Plate_01_RGBAL Shutter1StrobePulseRandom 1 · 100... 34–39 Plate_01_RGBAL Shutter1StrobeOpen 1 · 001 1–2.82 ... 40–44 Plate_01_RGBAL Shutter1StrobeOpen 1 · 050 3.18–4.... 45–45 Plate_01_RGBAL Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 51–55 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 56–56 Plate_01_RGBAL Shutter1StrobeRandomPulseOpen 1... 57–61 Plate_01_RGBAL Shutter1StrobeClosed 1 · 001 1–2.45... 62–67 Plate_01_RGBAL Shutter1StrobeClosed 1 · 050 2.82–4... 68–68 Plate_01_RGBAL Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 74–78 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 79–79 Plate_01_RGBAL Shutter1StrobeRandomPulseClose 1... 80–84 Plate_01_RGBAL Shutter1StrobeRandom 1 · 001 1–2.... 85–90 Plate_01_RGBAL Shutter1StrobeRandom 1 · 025 3.05... 91–95 Plate_01_RGBAL Shutter1StrobeRandom 1 · 050 5.5–... 96–101 Plate_01_RGBAL Shutter1StrobeRandom 1 · 075 7.5... 102–102 Plate_01_RGBAL Shutter1StrobeRandom 1 · 100 10... 103–114 Plate_01_RGBAL Shutter1StrobeEffect 1 · 001 1–2.8... 115–126 Plate_01_RGBAL Shutter1StrobeEffect 1 · 050 3–4.8... 127–127 Plate_01_RGBAL Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Plate_01_RGBAL Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Plate_01_RGBAL Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Plate_01_RGBAL Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Plate_01_RGBAL Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Plate_01_RGBAL Shutter1Strobe 1 · 100 20 Hz 251–255 Open
6	Strobe Duration	0	

235 Ch Ultra + Virtual Dimmer (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–15 Plate_02_RGB Shutter1StrobePulse 1 · 001 1–2.45 Hz 16–21 Plate_02_RGB Shutter1StrobePulse 1 · 050 2.82–4.64 … 22–22 Plate_02_RGB Shutter1StrobePulse 1 · 100 5 Hz 23–27 Plate_02_RGB Shutter1StrobePulseRandom 1 · 001 1… 28–32 Plate_02_RGB Shutter1StrobePulseRandom 1 · 050 4.… 33–33 Plate_02_RGB Shutter1StrobePulseRandom 1 · 100 8 … 34–39 Plate_02_RGB Shutter1StrobeOpen 1 · 001 1–2.82 Hz 40–44 Plate_02_RGB Shutter1StrobeOpen 1 · 050 3.18–4.64 … 45–45 Plate_02_RGB Shutter1StrobeOpen 1 · 100 5 Hz 46–50 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 51–55 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 56–56 Plate_02_RGB Shutter1StrobeRandomPulseOpen 1 · … 57–61 Plate_02_RGB Shutter1StrobeClosed 1 · 001 1–2.45 Hz 62–67 Plate_02_RGB Shutter1StrobeClosed 1 · 050 2.82–4.6… 68–68 Plate_02_RGB Shutter1StrobeClosed 1 · 100 5 Hz 69–73 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 74–78 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 79–79 Plate_02_RGB Shutter1StrobeRandomPulseClose 1 · … 80–84 Plate_02_RGB Shutter1StrobeRandom 1 · 001 1–2.64 … 85–90 Plate_02_RGB Shutter1StrobeRandom 1 · 025 3.05–5.… 91–95 Plate_02_RGB Shutter1StrobeRandom 1 · 050 5.5–7.1… 96–101 Plate_02_RGB Shutter1StrobeRandom 1 · 075 7.55–… 102–102 Plate_02_RGB Shutter1StrobeRandom 1 · 100 10 Hz 103–114 Plate_02_RGB Shutter1StrobeEffect 1 · 001 1–2.83 … 115–126 Plate_02_RGB Shutter1StrobeEffect 1 · 050 3–4.83 … 127–127 Plate_02_RGB Shutter1StrobeEffect 1 · 100 5 Hz 128–158 Plate_02_RGB Shutter1Strobe 1 · 001 1–5.67 Hz 159–188 Plate_02_RGB Shutter1Strobe 1 · 025 5.83–10.3 Hz 189–219 Plate_02_RGB Shutter1Strobe 1 · 050 10.5–15.2 Hz 220–249 Plate_02_RGB Shutter1Strobe 1 · 075 15.3–19.8 Hz 250–250 Plate_02_RGB Shutter1Strobe 1 · 100 20 Hz 251–255 Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	Color Add RY	255	
12	Color Add GY	255	
13	Red	255	
14	Green	255	
15	Blue	255	
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	

235 Ch Ultra + Virtual Dimmer (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	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	

235 Ch Ultra + Virtual Dimmer (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	Reserved 110	0	
111	Reserved 111	0	
112	Reserved 112	0	
113	Reserved 113	0	
114	Reserved 114	0	
115	Reserved 115	0	
116	Reserved 116	0	
117	Reserved 117	0	
118	Reserved 118	0	

235 Ch Ultra + Virtual Dimmer (continued)

Ch	Function	Default	DMX values
119	Reserved 119	0	
120	Reserved 120	0	
121	Reserved 121	0	
122	Reserved 122	0	
123	Reserved 123	0	
124	Reserved 124	0	
125	Reserved 125	0	
126	Reserved 126	0	
127	Reserved 127	0	
128	Reserved 128	0	
129	Reserved 129	0	
130	Reserved 130	0	
131	Reserved 131	0	
132	Reserved 132	0	
133	Reserved 133	0	
134	Reserved 134	0	
135	Reserved 135	0	
136	Reserved 136	0	
137	Reserved 137	0	
138	Reserved 138	0	
139	Reserved 139	0	
140	Reserved 140	0	
141	Reserved 141	0	
142	Reserved 142	0	
143	Reserved 143	0	
144	Reserved 144	0	
145	Reserved 145	0	
146	Reserved 146	0	
147	Reserved 147	0	
148	Reserved 148	0	
149	Reserved 149	0	
150	Reserved 150	0	
151	Reserved 151	0	
152	Reserved 152	0	
153	Reserved 153	0	
154	Reserved 154	0	
155	Reserved 155	0	
156	Reserved 156	0	
157	Reserved 157	0	
158	Reserved 158	0	
159	Reserved 159	0	
160	Reserved 160	0	
161	Reserved 161	0	
162	Reserved 162	0	
163	Reserved 163	0	

235 Ch Ultra + Virtual Dimmer (continued)

Ch	Function	Default	DMX values
164	Reserved 164	0	
165	Reserved 165	0	
166	Reserved 166	0	
167	Reserved 167	0	
168	Reserved 168	0	
169	Reserved 169	0	
170	Reserved 170	0	
171	Reserved 171	0	
172	Reserved 172	0	
173	Reserved 173	0	
174	Reserved 174	0	
175	Reserved 175	0	
176	Reserved 176	0	
177	Reserved 177	0	
178	Reserved 178	0	
179	Reserved 179	0	
180	Reserved 180	0	
181	Reserved 181	0	
182	Reserved 182	0	
183	Reserved 183	0	
184	Reserved 184	0	
185	Reserved 185	0	
186	Reserved 186	0	
187	Reserved 187	0	
188	Reserved 188	0	
189	Reserved 189	0	
190	Reserved 190	0	
191	Reserved 191	0	
192	Reserved 192	0	
193	Reserved 193	0	
194	Reserved 194	0	
195	Reserved 195	0	
196	Reserved 196	0	
197	Reserved 197	0	
198	Reserved 198	0	
199	Reserved 199	0	
200	Reserved 200	0	
201	Reserved 201	0	
202	Reserved 202	0	
203	Reserved 203	0	
204	Reserved 204	0	
205	Reserved 205	0	
206	Reserved 206	0	
207	Reserved 207	0	
208	Reserved 208	0	

235 Ch Ultra + Virtual Dimmer (continued)

Ch	Function	Default	DMX values
209	Reserved 209	0	
210	Reserved 210	0	
211	Reserved 211	0	
212	Reserved 212	0	
213	Reserved 213	0	
214	Reserved 214	0	
215	Reserved 215	0	
216	Reserved 216	0	
217	Reserved 217	0	
218	Reserved 218	0	
219	Reserved 219	0	
220	Reserved 220	0	
221	Reserved 221	0	
222	Reserved 222	0	
223	Reserved 223	0	
224	Reserved 224	0	
225	Reserved 225	0	
226	Reserved 226	0	
227	Reserved 227	0	
228	Reserved 228	0	
229	Color Wheel	0	0–15 Wheel Slot 0 Open (wheel slot 1) 16–31 Wheel Slot 1 (wheel slot 2) 32–47 Wheel Slot 2 (wheel slot 3) 48–63 Wheel Slot 3 (wheel slot 4) 64–79 Wheel Slot 4 (wheel slot 5) 80–95 Wheel Slot 5 (wheel slot 6) 96–111 Wheel Slot 6 (wheel slot 7) 112–127 Wheel Slot 7 (wheel slot 8) 128–143 Wheel Slot 8 (wheel slot 9) 144–159 Wheel Slot 9 (wheel slot 10) 160–175 Wheel Slot 10 (wheel slot 11) 176–191 Wheel Slot 11 (wheel slot 12) 192–207 Wheel Slot 12 (wheel slot 13) 208–223 Wheel Slot 13 (wheel slot 14) 224–239 Wheel Slot 14 (wheel slot 15) 240–255 Wheel Slot 15 (wheel slot 16)
230	Dimmer	255	
231	Color Wheel	0	0–15 Wheel Slot 0 Open (wheel slot 1) 16–31 Wheel Slot 1 (wheel slot 2) 32–47 Wheel Slot 2 (wheel slot 3) 48–63 Wheel Slot 3 (wheel slot 4) 64–79 Wheel Slot 4 (wheel slot 5) 80–95 Wheel Slot 5 (wheel slot 6) 96–111 Wheel Slot 6 (wheel slot 7) 112–127 Wheel Slot 7 (wheel slot 8) 128–143 Wheel Slot 8 (wheel slot 9) 144–159 Wheel Slot 9 (wheel slot 10) 160–175 Wheel Slot 10 (wheel slot 11) 176–191 Wheel Slot 11 (wheel slot 12) 192–207 Wheel Slot 12 (wheel slot 13) 208–223 Wheel Slot 13 (wheel slot 14) 224–239 Wheel Slot 14 (wheel slot 15) 240–255 Wheel Slot 15 (wheel slot 16)
232	Dimmer	255	

235 Ch Ultra + Virtual Dimmer (continued)

Ch	Function	Default	DMX values
233	Effect	0	0–2 Wheel Slot 0 Open (wheel slot 1) 3–5 Wheel Slot 1 (wheel slot 2) 6–8 Wheel Slot 2 (wheel slot 3) 9–11 Wheel Slot 3 (wheel slot 4) 12–14 Wheel Slot 4 (wheel slot 5) 15–18 Wheel Slot 5 (wheel slot 6) 19–21 Wheel Slot 6 (wheel slot 7) 22–24 Wheel Slot 7 (wheel slot 8) 25–27 Wheel Slot 8 (wheel slot 9) 28–30 Wheel Slot 9 (wheel slot 10) 31–33 Wheel Slot 10 (wheel slot 11) 34–36 Wheel Slot 11 (wheel slot 12) 37–39 Wheel Slot 12 (wheel slot 13) 40–42 Wheel Slot 13 (wheel slot 14) 43–45 Wheel Slot 14 (wheel slot 15) 46–48 Wheel Slot 15 (wheel slot 16) 49–51 Wheel Slot 16 (wheel slot 17) 52–55 Wheel Slot 17 (wheel slot 18) 56–58 Wheel Slot 18 (wheel slot 19) 59–61 Wheel Slot 19 (wheel slot 20) 62–64 Wheel Slot 20 (wheel slot 21) 65–67 Wheel Slot 21 (wheel slot 22) 68–70 Wheel Slot 22 (wheel slot 23) 71–73 Wheel Slot 23 (wheel slot 24) 74–76 Wheel Slot 24 (wheel slot 25) 77–79 Wheel Slot 25 (wheel slot 26) 80–82 Wheel Slot 26 (wheel slot 27) 83–85 Wheel Slot 27 (wheel slot 28) 86–88 Wheel Slot 28 (wheel slot 29) 89–92 Wheel Slot 29 (wheel slot 30) 93–95 Wheel Slot 30 (wheel slot 31) 96–98 Wheel Slot 31 (wheel slot 32) 99–101 Wheel Slot 32 (wheel slot 33) 102–104 Wheel Slot 33 (wheel slot 34) 105–107 Wheel Slot 34 (wheel slot 35) 108–110 Wheel Slot 35 (wheel slot 36) 111–113 Wheel Slot 36 (wheel slot 37) 114–116 Wheel Slot 37 (wheel slot 38) 117–119 Wheel Slot 38 (wheel slot 39) 120–122 Wheel Slot 39 (wheel slot 40) 123–125 Wheel Slot 40 (wheel slot 41) 126–129 Wheel Slot 41 (wheel slot 42) 130–132 Wheel Slot 42 (wheel slot 43) 133–135 Wheel Slot 43 (wheel slot 44) 136–138 Wheel Slot 44 (wheel slot 45) 139–141 Wheel Slot 45 (wheel slot 46) 142–144 Wheel Slot 46 (wheel slot 47) 145–147 Wheel Slot 47 (wheel slot 48) 148–150 Wheel Slot 48 (wheel slot 49) 151–153 Wheel Slot 49 (wheel slot 50) 154–156 Wheel Slot 50 (wheel slot 51) 157–159 Wheel Slot 51 (wheel slot 52) 160–162 Wheel Slot 52 (wheel slot 53) 163–166 Wheel Slot 53 (wheel slot 54) 167–169 Wheel Slot 54 (wheel slot 55) 170–172 Wheel Slot 55 (wheel slot 56) 173–175 Wheel Slot 56 (wheel slot 57) 176–178 Wheel Slot 57 (wheel slot 58) 179–181 Wheel Slot 58 (wheel slot 59) 182–184 Wheel Slot 59 (wheel slot 60) 185–187 Wheel Slot 60 (wheel slot 61) 188–190 Wheel Slot 61 (wheel slot 62) 191–193 Wheel Slot 62 (wheel slot 63) 194–196 Wheel Slot 63 (wheel slot 64)

235 Ch Ultra + Virtual Dimmer (continued)

Ch	Function	Default	DMX values
234	Effect Speed	0	
235	Control1	26	