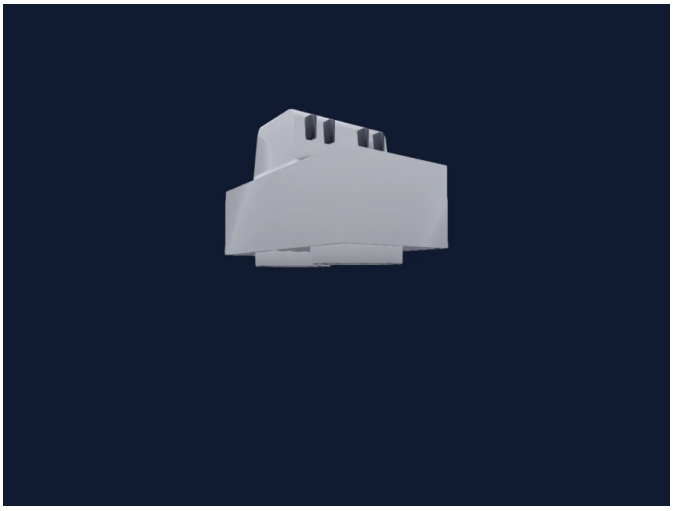
BeamZ Pro

SB 250 FC RGBAL IP65



Manufacturer	**BeamZ Pro**
Type	**Strobe**
DMX modes	**14**
DMX footprint	**6, 8, 11, 13, 16, 19 channels**
Beam angle	**48-65°**
Heads / cells	**2**
Size (W × H × D)	**400 × 243 × 200 mm**
GDTF fixture type	**A114CAA6-4EDC-4DBE-9768-9…**

Controls

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

Safety-relevant functions

Built-in effect programmes

DMX modes

6 Ch RGBAL + Macro	6 ch
8A Ch Simple FX	8 ch
8B Ch Simple RGB/AL	8 ch
11A Ch Basic FX	11 ch
11B Ch Basic RGB/AL	11 ch
13 Ch RGB/AL Control	13 ch
64 Ch + Virtual Dimmer Pixel Control	13 ch
64 Ch Pixel Control	13 ch
16 Ch + Virtual Dimmer Standard	16 ch
16 Ch Standard	16 ch
19 Ch + Virtual Dimmer Extended	19 ch
19 Ch Extended	19 ch
70 Ch + Virtual Dimmer Pixel Control	19 ch
70 Ch Pixel Control	19 ch

6 Ch RGBAL + Macro

6 channels

Ch	Function	Default	DMX values
1	Red	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Green	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 Max
3	Blue	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Color Add RY	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
5	Color Add GY	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Color Macro1	75	0–9 No Function (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 Cyan (wheel slot 9) 50–59 Magenta (wheel slot 7) 60–69 Yellow (wheel slot 8) 70–79 White (wheel slot 10) 80–99 ColorMacro Effects 1 (wheel slot 1) 100–119 ColorMacro Effects 2 (wheel slot 1) 120–139 ColorMacro Effects 3 (wheel slot 1) 140–159 ColorMacro Effects 4 (wheel slot 1) 160–179 ColorMacro Effects 5 (wheel slot 1) 180–199 ColorMacro Effects 6 (wheel slot 1) 200–219 ColorMacro Effects 7 (wheel slot 1) 220–255 ColorMacro Effects 8 (wheel slot 1)

8A Ch Simple FX

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Shutter / Strobe	0	0–0 Shutter Open 1–63 Shutter Strobe 1 · 001 3–2.51 Hz 64–127 Shutter Strobe 1 · 025 2.5–2.01 Hz 128–191 Shutter Strobe 1 · 050 2–1.5 Hz 192–254 Shutter Strobe 1 · 075 1.5–1.01 Hz 255–255 Shutter Strobe 1 · 100 1 Hz

8A Ch Simple FX (continued)

Ch	Function	Default	DMX values
3	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 Max
5	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Color Add RY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
7	Color Add GY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
8	Color Macro1	0	0–9 No Function (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 Cyan (wheel slot 9) 50–59 Magenta (wheel slot 7) 60–69 Yellow (wheel slot 8) 70–79 White (wheel slot 10) 80–99 ColorMacro Effects 1 (wheel slot 1) 100–119 ColorMacro Effects 2 (wheel slot 1) 120–139 ColorMacro Effects 3 (wheel slot 1) 140–159 ColorMacro Effects 4 (wheel slot 1) 160–179 ColorMacro Effects 5 (wheel slot 1) 180–199 ColorMacro Effects 6 (wheel slot 1) 200–219 ColorMacro Effects 7 (wheel slot 1) 220–255 ColorMacro Effects 8 (wheel slot 1)

8B Ch Simple RGB/AL

8 channels

Ch	Function	Default	DMX values
1	Red	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Green	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 Max

8B Ch Simple RGB/AL (continued)

Ch	Function	Default	DMX values
3	Blue	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Color Add RY	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
5	Color Add GY	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
7	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
8	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

11A Ch Basic FX

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Shutter / Strobe	0	0–0 Shutter Open 1–63 Shutter Strobe 1 · 001 3–2.51 Hz 64–127 Shutter Strobe 1 · 025 2.5–2.01 Hz 128–191 Shutter Strobe 1 · 050 2–1.5 Hz 192–254 Shutter Strobe 1 · 075 1.5–1.01 Hz 255–255 Shutter Strobe 1 · 100 1 Hz
3	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 Max

11A Ch Basic FX (continued)

Ch	Function	Default	DMX values
5	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Color Add RY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
7	Color Add GY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
8	Color Macro1	3	0–9 No Function (wheel slot 1) 10–29 Red (wheel slot 2) 30–49 Green (wheel slot 3) 50–69 Blue (wheel slot 4) 70–89 Amber (wheel slot 5) 90–109 Lime (wheel slot 6) 110–129 Magenta (wheel slot 7) 130–149 Yellow (wheel slot 8) 150–169 Cyan (wheel slot 9) 170–189 White (wheel slot 10) 190–255 No Function (wheel slot 1)
9	Effect	0	0–100 No Function 101–125 000 126–149 050 150–150 100 151–175 000 176–199 050 200–200 100 201–225 000 226–254 050 255–255 100
10	Effect Speed	0	0–0 000 1–1 001 2–63 No Function 64–64 025 65–127 No Function 128–128 050 129–191 No Function 192–192 075 193–254 No Function 255–255 100

11A Ch Basic FX (continued)

Ch	Function	Default	DMX values
11	Color Macro1	0	0–9 No Function (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 Cyan (wheel slot 9) 50–59 Magenta (wheel slot 7) 60–69 Yellow (wheel slot 8) 70–79 White (wheel slot 10) 80–99 ColorMacro Effects 1 (wheel slot 1) 100–119 ColorMacro Effects 2 (wheel slot 1) 120–139 ColorMacro Effects 3 (wheel slot 1) 140–159 ColorMacro Effects 4 (wheel slot 1) 160–179 ColorMacro Effects 5 (wheel slot 1) 180–199 ColorMacro Effects 6 (wheel slot 1) 200–219 ColorMacro Effects 7 (wheel slot 1) 220–255 ColorMacro Effects 8 (wheel slot 1)

11B Ch Basic RGB/AL

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Shutter / Strobe	0	0–0 Shutter Open 1–63 Shutter Strobe 1 · 001 3–2.51 Hz 64–127 Shutter Strobe 1 · 025 2.5–2.01 Hz 128–191 Shutter Strobe 1 · 050 2–1.5 Hz 192–254 Shutter Strobe 1 · 075 1.5–1.01 Hz 255–255 Shutter Strobe 1 · 100 1 Hz
3	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 Max
5	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Color Add RY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
7	Color Add GY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

11B Ch Basic RGB/AL (continued)

Ch	Function	Default	DMX values
8	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
9	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
10	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
11	Color Macro1	0	0–9 No Function (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 Cyan (wheel slot 9) 50–59 Magenta (wheel slot 7) 60–69 Yellow (wheel slot 8) 70–79 White (wheel slot 10) 80–99 ColorMacro Effects 1 (wheel slot 1) 100–119 ColorMacro Effects 2 (wheel slot 1) 120–139 ColorMacro Effects 3 (wheel slot 1) 140–159 ColorMacro Effects 4 (wheel slot 1) 160–179 ColorMacro Effects 5 (wheel slot 1) 180–199 ColorMacro Effects 6 (wheel slot 1) 200–219 ColorMacro Effects 7 (wheel slot 1) 220–255 ColorMacro Effects 8 (wheel slot 1)

13 Ch RGB/AL Control

13 channels

Ch	Function	Default	DMX values
1	Red	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Green	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 Max
3	Blue	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Color Add RY	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

13 Ch RGB/AL Control (continued)

Ch	Function	Default	DMX values
5	Color Add GY	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
12	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

64 Ch + Virtual Dimmer Pixel Control

13 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 Max
3	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Color Add RY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
5	Color Add GY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Reserved 6	0	
7	Reserved 7	0	

64 Ch + Virtual Dimmer Pixel Control (continued)

Ch	Function	Default	DMX values
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Red	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
12	Green	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	Blue	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

64 Ch Pixel Control

13 channels

Ch	Function	Default	DMX values
1	Red	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Green	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 Max
3	Blue	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Color Add RY	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
5	Color Add GY	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	

64 Ch Pixel Control (continued)

Ch	Function	Default	DMX values
11	Red	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
12	Green	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	Blue	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

16 Ch + Virtual Dimmer Standard

16 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Shutter / Strobe	0	0–0 Shutter Open 1–63 Shutter Strobe 1 · 001 3–2.51 Hz 64–127 Shutter Strobe 1 · 025 2.5–2.01 Hz 128–191 Shutter Strobe 1 · 050 2–1.5 Hz 192–254 Shutter Strobe 1 · 075 1.5–1.01 Hz 255–255 Shutter Strobe 1 · 100 1 Hz
3	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 Max
5	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Color Add RY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
7	Color Add GY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
8	Reserved 8	0	
9	Reserved 9	0	

16 Ch + Virtual Dimmer Standard (continued)

Ch	Function	Default	DMX values
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Color Macro1	3	0–9 No Function (wheel slot 1) 10–29 Red (wheel slot 2) 30–49 Green (wheel slot 3) 50–69 Blue (wheel slot 4) 70–89 Amber (wheel slot 5) 90–109 Lime (wheel slot 6) 110–129 Magenta (wheel slot 7) 130–149 Yellow (wheel slot 8) 150–169 Cyan (wheel slot 9) 170–189 White (wheel slot 10) 190–255 No Function (wheel slot 1)
14	Effect	0	0–100 No Function 101–125 000 126–149 050 150–150 100 151–175 000 176–199 050 200–200 100 201–225 000 226–254 050 255–255 100
15	Effect Speed	0	0–0 000 1–1 001 2–63 No Function 64–64 025 65–127 No Function 128–128 050 129–191 No Function 192–192 075 193–254 No Function 255–255 100
16	Color Macro1	0	0–9 No Function (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 Cyan (wheel slot 9) 50–59 Magenta (wheel slot 7) 60–69 Yellow (wheel slot 8) 70–79 White (wheel slot 10) 80–99 ColorMacro Effects 1 (wheel slot 1) 100–119 ColorMacro Effects 2 (wheel slot 1) 120–139 ColorMacro Effects 3 (wheel slot 1) 140–159 ColorMacro Effects 4 (wheel slot 1) 160–179 ColorMacro Effects 5 (wheel slot 1) 180–199 ColorMacro Effects 6 (wheel slot 1) 200–219 ColorMacro Effects 7 (wheel slot 1) 220–255 ColorMacro Effects 8 (wheel slot 1)

16 Ch Standard

16 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

16 Ch Standard (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	0	0–0 Shutter Open 1–63 Shutter Strobe 1 · 001 3–2.51 Hz 64–127 Shutter Strobe 1 · 025 2.5–2.01 Hz 128–191 Shutter Strobe 1 · 050 2–1.5 Hz 192–254 Shutter Strobe 1 · 075 1.5–1.01 Hz 255–255 Shutter Strobe 1 · 100 1 Hz
3	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 Max
5	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Color Add RY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
7	Color Add GY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Color Macro1	3	0–9 No Function (wheel slot 1) 10–29 Red (wheel slot 2) 30–49 Green (wheel slot 3) 50–69 Blue (wheel slot 4) 70–89 Amber (wheel slot 5) 90–109 Lime (wheel slot 6) 110–129 Magenta (wheel slot 7) 130–149 Yellow (wheel slot 8) 150–169 Cyan (wheel slot 9) 170–189 White (wheel slot 10) 190–255 No Function (wheel slot 1)
14	Effect	0	0–100 No Function 101–125 000 126–149 050 150–150 100 151–175 000 176–199 050 200–200 100 201–225 000 226–254 050 255–255 100

16 Ch Standard (continued)

Ch	Function	Default	DMX values
15	Effect Speed	0	0–0 000 1–1 001 2–63 No Function 64–64 025 65–127 No Function 128–128 050 129–191 No Function 192–192 075 193–254 No Function 255–255 100
16	Color Macro1	0	0–9 No Function (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 Cyan (wheel slot 9) 50–59 Magenta (wheel slot 7) 60–69 Yellow (wheel slot 8) 70–79 White (wheel slot 10) 80–99 ColorMacro Effects 1 (wheel slot 1) 100–119 ColorMacro Effects 2 (wheel slot 1) 120–139 ColorMacro Effects 3 (wheel slot 1) 140–159 ColorMacro Effects 4 (wheel slot 1) 160–179 ColorMacro Effects 5 (wheel slot 1) 180–199 ColorMacro Effects 6 (wheel slot 1) 200–219 ColorMacro Effects 7 (wheel slot 1) 220–255 ColorMacro Effects 8 (wheel slot 1)

19 Ch + Virtual Dimmer Extended

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Shutter / Strobe	0	0–0 Shutter Open 1–63 Shutter Strobe 1 · 001 3–2.51 Hz 64–127 Shutter Strobe 1 · 025 2.5–2.01 Hz 128–191 Shutter Strobe 1 · 050 2–1.5 Hz 192–254 Shutter Strobe 1 · 075 1.5–1.01 Hz 255–255 Shutter Strobe 1 · 100 1 Hz
3	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 Max
5	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

19 Ch + Virtual Dimmer Extended (continued)

Ch	Function	Default	DMX values
6	Color Add RY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
7	Color Add GY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Color Macro1	3	0–9 No Function (wheel slot 1) 10–29 Red (wheel slot 2) 30–49 Green (wheel slot 3) 50–69 Blue (wheel slot 4) 70–89 Amber (wheel slot 5) 90–109 Lime (wheel slot 6) 110–129 Magenta (wheel slot 7) 130–149 Yellow (wheel slot 8) 150–169 Cyan (wheel slot 9) 170–189 White (wheel slot 10) 190–255 No Function (wheel slot 1)
14	Effect	0	0–100 No Function 101–125 000 126–149 050 150–150 100 151–175 000 176–199 050 200–200 100 201–225 000 226–254 050 255–255 100
15	Effect Speed	0	0–0 000 1–1 001 2–63 No Function 64–64 025 65–127 No Function 128–128 050 129–191 No Function 192–192 075 193–254 No Function 255–255 100
16	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
17	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

19 Ch + Virtual Dimmer Extended (continued)

Ch	Function	Default	DMX values
18	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
19	Color Macro1	0	0–9 No Function (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 Cyan (wheel slot 9) 50–59 Magenta (wheel slot 7) 60–69 Yellow (wheel slot 8) 70–79 White (wheel slot 10) 80–99 ColorMacro Effects 1 (wheel slot 1) 100–119 ColorMacro Effects 2 (wheel slot 1) 120–139 ColorMacro Effects 3 (wheel slot 1) 140–159 ColorMacro Effects 4 (wheel slot 1) 160–179 ColorMacro Effects 5 (wheel slot 1) 180–199 ColorMacro Effects 6 (wheel slot 1) 200–219 ColorMacro Effects 7 (wheel slot 1) 220–255 ColorMacro Effects 8 (wheel slot 1)

19 Ch Extended

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Shutter / Strobe	0	0–0 Shutter Open 1–63 Shutter Strobe 1 · 001 3–2.51 Hz 64–127 Shutter Strobe 1 · 025 2.5–2.01 Hz 128–191 Shutter Strobe 1 · 050 2–1.5 Hz 192–254 Shutter Strobe 1 · 075 1.5–1.01 Hz 255–255 Shutter Strobe 1 · 100 1 Hz
3	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 Max
5	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Color Add RY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

19 Ch Extended (continued)

Ch	Function	Default	DMX values
7	Color Add GY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Color Macro1	3	0–9 No Function (wheel slot 1) 10–29 Red (wheel slot 2) 30–49 Green (wheel slot 3) 50–69 Blue (wheel slot 4) 70–89 Amber (wheel slot 5) 90–109 Lime (wheel slot 6) 110–129 Magenta (wheel slot 7) 130–149 Yellow (wheel slot 8) 150–169 Cyan (wheel slot 9) 170–189 White (wheel slot 10) 190–255 No Function (wheel slot 1)
14	Effect	0	0–100 No Function 101–125 000 126–149 050 150–150 100 151–175 000 176–199 050 200–200 100 201–225 000 226–254 050 255–255 100
15	Effect Speed	0	0–0 000 1–1 001 2–63 No Function 64–64 025 65–127 No Function 128–128 050 129–191 No Function 192–192 075 193–254 No Function 255–255 100
16	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
17	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
18	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

19 Ch Extended (continued)

Ch	Function	Default	DMX values
19	Color Macro1	0	0–9 No Function (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 Cyan (wheel slot 9) 50–59 Magenta (wheel slot 7) 60–69 Yellow (wheel slot 8) 70–79 White (wheel slot 10) 80–99 ColorMacro Effects 1 (wheel slot 1) 100–119 ColorMacro Effects 2 (wheel slot 1) 120–139 ColorMacro Effects 3 (wheel slot 1) 140–159 ColorMacro Effects 4 (wheel slot 1) 160–179 ColorMacro Effects 5 (wheel slot 1) 180–199 ColorMacro Effects 6 (wheel slot 1) 200–219 ColorMacro Effects 7 (wheel slot 1) 220–255 ColorMacro Effects 8 (wheel slot 1)

70 Ch + Virtual Dimmer Pixel Control

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Shutter / Strobe	0	0–0 Shutter Open 1–63 Shutter Strobe 1 · 001 3–2.51 Hz 64–127 Shutter Strobe 1 · 025 2.5–2.01 Hz 128–191 Shutter Strobe 1 · 050 2–1.5 Hz 192–254 Shutter Strobe 1 · 075 1.5–1.01 Hz 255–255 Shutter Strobe 1 · 100 1 Hz
3	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 Max
5	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Color Add RY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
7	Color Add GY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
8	Reserved 8	0	
9	Reserved 9	0	

70 Ch + Virtual Dimmer Pixel Control (continued)

Ch	Function	Default	DMX values
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Color Macro1	3	0–9 No Function (wheel slot 1) 10–29 Red (wheel slot 2) 30–49 Green (wheel slot 3) 50–69 Blue (wheel slot 4) 70–89 Amber (wheel slot 5) 90–109 Lime (wheel slot 6) 110–129 Magenta (wheel slot 7) 130–149 Yellow (wheel slot 8) 150–169 Cyan (wheel slot 9) 170–189 White (wheel slot 10) 190–255 No Function (wheel slot 1)
14	Effect	0	0–100 No Function 101–125 000 126–149 050 150–150 100 151–175 000 176–199 050 200–200 100 201–225 000 226–254 050 255–255 100
15	Effect Speed	0	0–0 000 1–1 001 2–63 No Function 64–64 025 65–127 No Function 128–128 050 129–191 No Function 192–192 075 193–254 No Function 255–255 100
16	Color Macro1	0	0–9 No Function (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 Cyan (wheel slot 9) 50–59 Magenta (wheel slot 7) 60–69 Yellow (wheel slot 8) 70–79 White (wheel slot 10) 80–99 ColorMacro Effects 1 (wheel slot 1) 100–119 ColorMacro Effects 2 (wheel slot 1) 120–139 ColorMacro Effects 3 (wheel slot 1) 140–159 ColorMacro Effects 4 (wheel slot 1) 160–179 ColorMacro Effects 5 (wheel slot 1) 180–199 ColorMacro Effects 6 (wheel slot 1) 200–219 ColorMacro Effects 7 (wheel slot 1) 220–255 ColorMacro Effects 8 (wheel slot 1)
17	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
18	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

70 Ch + Virtual Dimmer Pixel Control (continued)

Ch	Function	Default	DMX values
19	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

70 Ch Pixel Control

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Shutter / Strobe	0	0–0 Shutter Open 1–63 Shutter Strobe 1 · 001 3–2.51 Hz 64–127 Shutter Strobe 1 · 025 2.5–2.01 Hz 128–191 Shutter Strobe 1 · 050 2–1.5 Hz 192–254 Shutter Strobe 1 · 075 1.5–1.01 Hz 255–255 Shutter Strobe 1 · 100 1 Hz
3	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 Max
5	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Color Add RY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
7	Color Add GY	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	

70 Ch Pixel Control (continued)

Ch	Function	Default	DMX values
13	Color Macro1	3	0–9 No Function (wheel slot 1) 10–29 Red (wheel slot 2) 30–49 Green (wheel slot 3) 50–69 Blue (wheel slot 4) 70–89 Amber (wheel slot 5) 90–109 Lime (wheel slot 6) 110–129 Magenta (wheel slot 7) 130–149 Yellow (wheel slot 8) 150–169 Cyan (wheel slot 9) 170–189 White (wheel slot 10) 190–255 No Function (wheel slot 1)
14	Effect	0	0–100 No Function 101–125 000 126–149 050 150–150 100 151–175 000 176–199 050 200–200 100 201–225 000 226–254 050 255–255 100
15	Effect Speed	0	0–0 000 1–1 001 2–63 No Function 64–64 025 65–127 No Function 128–128 050 129–191 No Function 192–192 075 193–254 No Function 255–255 100
16	Color Macro1	0	0–9 No Function (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 Cyan (wheel slot 9) 50–59 Magenta (wheel slot 7) 60–69 Yellow (wheel slot 8) 70–79 White (wheel slot 10) 80–99 ColorMacro Effects 1 (wheel slot 1) 100–119 ColorMacro Effects 2 (wheel slot 1) 120–139 ColorMacro Effects 3 (wheel slot 1) 140–159 ColorMacro Effects 4 (wheel slot 1) 160–179 ColorMacro Effects 5 (wheel slot 1) 180–199 ColorMacro Effects 6 (wheel slot 1) 200–219 ColorMacro Effects 7 (wheel slot 1) 220–255 ColorMacro Effects 8 (wheel slot 1)
17	Red	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
18	Green	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

70 Ch Pixel Control (continued)

Ch	Function	Default	DMX values
19	Blue	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100