ADJ

Vizi Pix Z19



Manufacturer	**ADJ**
Type	**Moving head**
DMX modes	**7**
DMX footprint	**32, 43, 58, 123, 133, 203 channels**
Beam angle	**9-60°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**8**
Size (W × H × D)	**225 × 200 × 215 mm**
GDTF fixture type	**BFCCEC30-6023-4463-9603-B7…**

Controls

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

Safety-relevant functions

Built-in effect programmes

DMX modes

32 Ch	32 ch
43 Ch	43 ch
58Ch-A	58 ch
58Ch-B	58 ch
123 CH	123 ch
133 CH	133 ch
203 CH	203 ch

32 Ch

32 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	127	
3	Red	255	0–62 0 % RGBL 63–126 25 % RGBL 127–190 50 % RGBL 191–254 75 % RGBL 255–255 100 % RGBL
4	Green	255	0–62 0 % RGBL 63–126 25 % RGBL 127–190 50 % RGBL 191–254 75 % RGBL 255–255 100 % RGBL
5	Blue	255	0–62 0 % RGBL 63–126 25 % RGBL 127–190 50 % RGBL 191–254 75 % RGBL 255–255 100 % RGBL
6	Color Add GY	255	0–62 0 % RGBL 63–126 25 % RGBL 127–190 50 % RGBL 191–254 75 % RGBL 255–255 100 % RGBL
7	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
8	Color5	0	
9	Effect	0	0–0 Open 1–60 Macro 1 61–179 Macro 2 180–201 Macro 3 202–207 Macro 4 208–229 Macro 5 230–234 Macro 6 235–239 Macro 7 240–244 Macro 8 245–255 No Function
10	Effect Speed	0	
11	Effects1Fade	0	
12	Shutter / Strobe	50	0–31 Shutter Closed RGBL 32–63 Shutter Open RGBL 64–95 RGBL Strobe Effect Slow to Fast 96–127 RGBL No Function (Shutter Open) 128–159 RGBL Pulse-Effect in Sequences 160–191 Shutter Open RGBL 192–223 RGBL Random Strobe Effect Slow to Fast 224–255 Shutter Open RGBL

32 Ch (continued)

Ch	Function	Default	DMX values
13	Dimmer	0	0–62 0 % RGBL 63–126 25 % RGBL 127–190 50 % RGBL 191–254 75 % RGBL 255–255 100 % RGBL
14	Red	255	0–62 0 % Bkgrd LED 63–126 25 % Bkgrd LED 127–190 50 % Bkgrd LED 191–254 75 % Bkgrd LED 255–255 100 % Bkgrd LED
15	Green	255	0–62 0 % Bkgrd LED 63–126 25 % Bkgrd LED 127–190 50 % Bkgrd LED 191–254 75 % Bkgrd LED 255–255 100 % Bkgrd LED
16	Blue	255	0–62 0 % Bkgrd LED 63–126 25 % Bkgrd LED 127–190 50 % Bkgrd LED 191–254 75 % Bkgrd LED 255–255 100 % Bkgrd LED
17	Effect 2	0	0–0 Open bk grnd 1–60 Macro 1 bk grnd 61–179 Macro 2 bk grnd 180–201 Macro 3 bk grnd 202–207 Macro 4 bk grnd 208–229 Macro 5 bk grnd 230–234 Macro 6 bk grnd 235–239 Macro 7 bk grnd 240–244 Macro 8 bk grnd 245–255 No Function bk grnd
18	Effect Speed 2	0	
19	Effects2Fade	0	
20	Shutter / Strobe	50	0–31 Shutter Closed Bkgrd LED 32–63 Shutter Open Bkgrd LED 64–95 Bkgrd LED Strobe Effect Slow to Fast 96–127 Shutter Open Bkgrd LED 128–159 Bkgrd LED Pulse-Effect in Sequences 160–191 Shutter Open Bkgrd LED 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open Bkgrd LED
21	Dimmer	0	0–62 0 % Bkgrd LED 63–126 25 % Bkgrd LED 127–190 50 % Bkgrd LED 191–254 75 % Bkgrd LED 255–255 100 % Bkgrd LED
22	Red	255	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring
23	Green	255	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring

32 Ch (continued)

Ch	Function	Default	DMX values
24	Blue	255	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring
25	Shutter / Strobe	50	0–31 Shutter Closed Ring 32–63 Shutter Open Ring 64–95 Strobe Effect Slow to Fast Ring 96–127 Shutter Open Ring 128–159 Pulse-Effect in Sequences Ring 160–191 Shutter Open Ring 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open Ring
26	Dimmer	0	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring
27	Zoom	127	
28	Effect	0	0–9 No Function 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 No Function
29	Effect Speed	0	
30	Effects1Fade	0	
31	Position MSpeed	0	
32	Function	0	

43 Ch

43 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt

43 Ch (continued)

Ch	Function	Default	DMX values
5	Red	255	0–62 0 % RGBL 63–126 25 % RGBL 127–190 50 % RGBL 191–254 75 % RGBL 255–255 100 % RGBL
6	Green	255	0–62 0 % RGBL 63–126 25 % RGBL 127–190 50 % RGBL 191–254 75 % RGBL 255–255 100 % RGBL
7	Blue	255	0–62 0 % RGBL 63–126 25 % RGBL 127–190 50 % RGBL 191–254 75 % RGBL 255–255 100 % RGBL
8	Color Add GY	255	0–62 0 % RGBL 63–126 25 % RGBL 127–190 50 % RGBL 191–254 75 % RGBL 255–255 100 % RGBL
9	Color Wheel	0	
10	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
11	Color5	0	
12	Color3	0	
13	Effect	0	0–0 Open 1–60 Macro 1 61–179 Macro 2 180–201 Macro 3 202–207 Macro 4 208–229 Macro 5 230–234 Macro 6 235–239 Macro 7 240–244 Macro 8 245–255 No Function
14	Effect Speed	0	
15	Effects1Fade	0	
16	Shutter / Strobe	50	0–31 Shutter Closed RGBL 32–63 Shutter Open RGBL 64–95 RGBL Strobe Effect Slow to Fast 96–127 RGBL No Function (Shutter Open) 128–159 RGBL Pulse-Effect in Sequences 160–191 Shutter Open RGBL 192–223 RGBL Random Strobe Effect Slow to Fast 224–255 Shutter Open RGBL

43 Ch (continued)

Ch	Function	Default	DMX values
17	Dimmer	0	0–62 0 % RGBL 63–126 25 % RGBL 127–190 50 % RGBL 191–254 75 % RGBL 255–255 100 % RGBL
18	Dimmer Fine	0	Fine byte of Dimmer
19	Red	255	0–62 0 % Bkgrd LED 63–126 25 % Bkgrd LED 127–190 50 % Bkgrd LED 191–254 75 % Bkgrd LED 255–255 100 % Bkgrd LED
20	Green	255	0–62 0 % Bkgrd LED 63–126 25 % Bkgrd LED 127–190 50 % Bkgrd LED 191–254 75 % Bkgrd LED 255–255 100 % Bkgrd LED
21	Blue	255	0–62 0 % Bkgrd LED 63–126 25 % Bkgrd LED 127–190 50 % Bkgrd LED 191–254 75 % Bkgrd LED 255–255 100 % Bkgrd LED
22	Color4	0	
23	Effect 2	0	0–0 Open bk grnd 1–60 Macro 1 bk grnd 61–179 Macro 2 bk grnd 180–201 Macro 3 bk grnd 202–207 Macro 4 bk grnd 208–229 Macro 5 bk grnd 230–234 Macro 6 bk grnd 235–239 Macro 7 bk grnd 240–244 Macro 8 bk grnd 245–255 No Function bk grnd
24	Effect Speed 2	0	
25	Effects2Fade	0	
26	Shutter / Strobe	50	0–31 Shutter Closed Bkgrd LED 32–63 Shutter Open Bkgrd LED 64–95 Bkgrd LED Strobe Effect Slow to Fast 96–127 Shutter Open Bkgrd LED 128–159 Bkgrd LED Pulse-Effect in Sequences 160–191 Shutter Open Bkgrd LED 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open Bkgrd LED
27	Dimmer	0	0–62 0 % Bkgrd LED 63–126 25 % Bkgrd LED 127–190 50 % Bkgrd LED 191–254 75 % Bkgrd LED 255–255 100 % Bkgrd LED
28	Dimmer Fine	0	Fine byte of Dimmer
29	Red	255	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring
30	Green	255	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring

43 Ch (continued)

Ch	Function	Default	DMX values
31	Blue	255	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring
32	Shutter / Strobe	50	0–31 Shutter Closed Ring 32–63 Shutter Open Ring 64–95 Strobe Effect Slow to Fast Ring 96–127 Shutter Open Ring 128–159 Pulse-Effect in Sequences Ring 160–191 Shutter Open Ring 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open Ring
33	Dimmer	0	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring
34	Dimmer Fine	0	Fine byte of Dimmer
35	Zoom	127	
36	Zoom Fine	127	Fine byte of Zoom
37	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default
38	Dimmer Curve	0	0–20 No Function 21–40 Linear 41–60 Square 61–80 Inv Squa 81–100 S Curve 101–255 No Function

43 Ch (continued)

Ch	Function	Default	DMX values
39	Effect	0	0–9 No Function 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 No Function
40	Effect Speed	0	
41	Effects1Fade	0	
42	Position MSpeed	0	
43	Function	0	

58Ch-A

58 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Red	255	0–62 0 % RGBL Ring 1 63–126 25 % RGBL Ring 1 127–190 50 % RGBL Ring 1 191–254 75 % RGBL Ring 1 255–255 100 % RGBL Ring 1
6	Green	255	0–62 0 % RGBL Ring 1 63–126 25 % RGBL Ring 1 127–190 50 % RGBL Ring 1 191–254 75 % RGBL Ring 1 255–255 100 % RGBL Ring 1
7	Blue	255	0–62 0 % RGBL Ring 1 63–126 25 % RGBL Ring 1 127–190 50 % RGBL Ring 1 191–254 75 % RGBL Ring 1 255–255 100 % RGBL Ring 1
8	Color Add GY	255	0–62 0 % RGBL Ring 1 63–126 25 % RGBL Ring 1 127–190 50 % RGBL Ring 1 191–254 75 % RGBL Ring 1 255–255 100 % RGBL Ring 1

58Ch-A (continued)

Ch	Function	Default	DMX values
9	Red	255	0–62 0 % RGBL Ring 3 63–126 25 % RGBL Ring 3 127–190 50 % RGBL Ring 3 191–254 75 % RGBL Ring 3 255–255 100 % RGBL Ring 3
10	Green	255	0–62 0 % RGBL Ring 3 63–126 25 % RGBL Ring 3 127–190 50 % RGBL Ring 3 191–254 75 % RGBL Ring 3 255–255 100 % RGBL Ring 3
11	Blue	255	0–62 0 % RGBL Ring 3 63–126 25 % RGBL Ring 3 127–190 50 % RGBL Ring 3 191–254 75 % RGBL Ring 3 255–255 100 % RGBL Ring 3
12	Color Add GY	255	0–62 0 % RGBL Ring 3 63–126 25 % RGBL Ring 3 127–190 50 % RGBL Ring 3 191–254 75 % RGBL Ring 3 255–255 100 % RGBL Ring 3
13	Red	255	0–62 0 % RGBL Ring 5 63–126 25 % RGBL Ring 5 127–190 50 % RGBL Ring 5 191–254 75 % RGBL Ring 5 255–255 100 % RGBL Ring 5
14	Green	255	0–62 0 % RGBL Ring 5 63–126 25 % RGBL Ring 5 127–190 50 % RGBL Ring 5 191–254 75 % RGBL Ring 5 255–255 100 % RGBL Ring 5
15	Blue	255	0–62 0 % RGBL Ring 5 63–126 25 % RGBL Ring 5 127–190 50 % RGBL Ring 5 191–254 75 % RGBL Ring 5 255–255 100 % RGBL Ring 5
16	Color Add GY	255	0–62 0 % RGBL Ring 5 63–126 25 % RGBL Ring 5 127–190 50 % RGBL Ring 5 191–254 75 % RGBL Ring 5 255–255 100 % RGBL Ring 5
17	Color Wheel	0	
18	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
19	Tint	128	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
20	Color5	0	
21	Color3	0	

58Ch-A (continued)

Ch	Function	Default	DMX values
22	Effect	0	0–0 Open 1–60 Macro 1 61–179 Macro 2 180–201 Macro 3 202–207 Macro 4 208–229 Macro 5 230–234 Macro 6 235–239 Macro 7 240–244 Macro 8 245–255 No Function
23	Effect Speed	0	
24	Effects1Fade	0	
25	Shutter / Strobe	50	0–31 Shutter Closed RGBL 32–63 Shutter Open RGBL 64–95 RGBL Strobe Effect Slow to Fast 96–127 RGBL No Function (Shutter Open) 128–159 RGBL Pulse-Effect in Sequences 160–191 Shutter Open RGBL 192–223 RGBL Random Strobe Effect Slow to Fast 224–255 Shutter Open RGBL
26	Dimmer	0	0–62 0 % RGBL 63–126 25 % RGBL 127–190 50 % RGBL 191–254 75 % RGBL 255–255 100 % RGBL
27	Dimmer Fine	0	Fine byte of Dimmer
28	Red	255	0–62 0 % Bkgrd LED Ring 2 63–126 25 % Bkgrd LED Ring 2 127–190 50 % Bkgrd LED Ring 2 191–254 75 % Bkgrd LED Ring 2 255–255 100 % Bkgrd LED Ring 2
29	Green	255	0–62 0 % Bkgrd LED Ring 2 63–126 25 % Bkgrd LED Ring 2 127–190 50 % Bkgrd LED Ring 2 191–254 75 % Bkgrd LED Ring 2 255–255 100 % Bkgrd LED Ring 2
30	Blue	255	0–62 0 % Bkgrd LED Ring 2 63–126 25 % Bkgrd LED Ring 2 127–190 50 % Bkgrd LED Ring 2 191–254 75 % Bkgrd LED Ring 2 255–255 100 % Bkgrd LED Ring 2
31	Red	255	0–62 0 % Bkgrd LED Ring 4 63–126 25 % Bkgrd LED Ring 4 127–190 50 % Bkgrd LED Ring 4 191–254 75 % Bkgrd LED Ring 4 255–255 100 % Bkgrd LED Ring 4
32	Green	255	0–62 0 % Bkgrd LED Ring 4 63–126 25 % Bkgrd LED Ring 4 127–190 50 % Bkgrd LED Ring 4 191–254 75 % Bkgrd LED Ring 4 255–255 100 % Bkgrd LED Ring 4
33	Blue	255	0–62 0 % Bkgrd LED Ring 4 63–126 25 % Bkgrd LED Ring 4 127–190 50 % Bkgrd LED Ring 4 191–254 75 % Bkgrd LED Ring 4 255–255 100 % Bkgrd LED Ring 4

58Ch-A (continued)

Ch	Function	Default	DMX values
34	Red	255	0–62 0 % Bkgrd LED Ring 6 63–126 25 % Bkgrd LED Ring 6 127–190 50 % Bkgrd LED Ring 6 191–254 75 % Bkgrd LED Ring 6 255–255 100 % Bkgrd LED Ring 6
35	Green	255	0–62 0 % Bkgrd LED Ring 6 63–126 25 % Bkgrd LED Ring 6 127–190 50 % Bkgrd LED Ring 6 191–254 75 % Bkgrd LED Ring 6 255–255 100 % Bkgrd LED Ring 6
36	Blue	255	0–62 0 % Bkgrd LED Ring 6 63–126 25 % Bkgrd LED Ring 6 127–190 50 % Bkgrd LED Ring 6 191–254 75 % Bkgrd LED Ring 6 255–255 100 % Bkgrd LED Ring 6
37	Color4	0	
38	Effect 2	0	0–0 Open bk grnd 1–60 Macro 1 bk grnd 61–179 Macro 2 bk grnd 180–201 Macro 3 bk grnd 202–207 Macro 4 bk grnd 208–229 Macro 5 bk grnd 230–234 Macro 6 bk grnd 235–239 Macro 7 bk grnd 240–244 Macro 8 bk grnd 245–255 No Function bk grnd
39	Effect Speed 2	0	
40	Effects2Fade	0	
41	Shutter / Strobe	50	0–31 Shutter Closed Bkgrd LED 32–63 Shutter Open Bkgrd LED 64–95 Bkgrd LED Strobe Effect Slow to Fast 96–127 Shutter Open Bkgrd LED 128–159 Bkgrd LED Pulse-Effect in Sequences 160–191 Shutter Open Bkgrd LED 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open Bkgrd LED
42	Dimmer	0	0–62 0 % Bkgrd LED 63–126 25 % Bkgrd LED 127–190 50 % Bkgrd LED 191–254 75 % Bkgrd LED 255–255 100 % Bkgrd LED
43	Dimmer Fine	0	Fine byte of Dimmer
44	Red	255	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring
45	Green	255	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring
46	Blue	255	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring

58Ch-A (continued)

Ch	Function	Default	DMX values
47	Shutter / Strobe	50	0–31 Shutter Closed Ring 32–63 Shutter Open Ring 64–95 Strobe Effect Slow to Fast Ring 96–127 Shutter Open Ring 128–159 Pulse-Effect in Sequences Ring 160–191 Shutter Open Ring 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open Ring
48	Dimmer	0	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring
49	Dimmer Fine	0	Fine byte of Dimmer
50	Zoom	127	
51	Zoom Fine	127	Fine byte of Zoom
52	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default
53	Dimmer Curve	0	0–20 No Function 21–40 Linear 41–60 Square 61–80 Inv Squa 81–100 S Curve 101–255 No Function

58Ch-A (continued)

Ch	Function	Default	DMX values
54	Effect	0	0–9 No Function 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 No Function
55	Effect Speed	0	
56	Effects1Fade	0	
57	Position MSpeed	0	
58	Function	0	

58Ch-B

58 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Red	255	0–62 0 % RGBL Ring 1 63–126 25 % RGBL Ring 1 127–190 50 % RGBL Ring 1 191–254 75 % RGBL Ring 1 255–255 100 % RGBL Ring 1
6	Green	255	0–62 0 % RGBL Ring 1 63–126 25 % RGBL Ring 1 127–190 50 % RGBL Ring 1 191–254 75 % RGBL Ring 1 255–255 100 % RGBL Ring 1
7	Blue	255	0–62 0 % RGBL Ring 1 63–126 25 % RGBL Ring 1 127–190 50 % RGBL Ring 1 191–254 75 % RGBL Ring 1 255–255 100 % RGBL Ring 1
8	Color Add GY	255	0–62 0 % RGBL Ring 1 63–126 25 % RGBL Ring 1 127–190 50 % RGBL Ring 1 191–254 75 % RGBL Ring 1 255–255 100 % RGBL Ring 1

58Ch-B (continued)

Ch	Function	Default	DMX values
9	Red	255	0–62 0 % RGBL Ring 2 63–126 25 % RGBL Ring 2 127–190 50 % RGBL Ring 2 191–254 75 % RGBL Ring 2 255–255 100 % RGBL Ring 2
10	Green	255	0–62 0 % RGBL Ring 2 63–126 25 % RGBL Ring 2 127–190 50 % RGBL Ring 2 191–254 75 % RGBL Ring 2 255–255 100 % RGBL Ring 2
11	Blue	255	0–62 0 % RGBL Ring 2 63–126 25 % RGBL Ring 2 127–190 50 % RGBL Ring 2 191–254 75 % RGBL Ring 2 255–255 100 % RGBL Ring 2
12	Color Add GY	255	0–62 0 % RGBL Ring 2 63–126 25 % RGBL Ring 2 127–190 50 % RGBL Ring 2 191–254 75 % RGBL Ring 2 255–255 100 % RGBL Ring 2
13	Red	255	0–62 0 % RGBL Ring 3 63–126 25 % RGBL Ring 3 127–190 50 % RGBL Ring 3 191–254 75 % RGBL Ring 3 255–255 100 % RGBL Ring 3
14	Green	255	0–62 0 % RGBL Ring 3 63–126 25 % RGBL Ring 3 127–190 50 % RGBL Ring 3 191–254 75 % RGBL Ring 3 255–255 100 % RGBL Ring 3
15	Blue	255	0–62 0 % RGBL Ring 3 63–126 25 % RGBL Ring 3 127–190 50 % RGBL Ring 3 191–254 75 % RGBL Ring 3 255–255 100 % RGBL Ring 3
16	Color Add GY	255	0–62 0 % RGBL Ring 3 63–126 25 % RGBL Ring 3 127–190 50 % RGBL Ring 3 191–254 75 % RGBL Ring 3 255–255 100 % RGBL Ring 3
17	Color Wheel	0	
18	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
19	Tint	128	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
20	Color5	0	
21	Color3	0	

58Ch-B (continued)

Ch	Function	Default	DMX values
22	Effect	0	0–0 Open 1–60 Macro 1 61–179 Macro 2 180–201 Macro 3 202–207 Macro 4 208–229 Macro 5 230–234 Macro 6 235–239 Macro 7 240–244 Macro 8 245–255 No Function
23	Effect Speed	0	
24	Effects1Fade	0	
25	Shutter / Strobe	50	0–31 Shutter Closed RGBL 32–63 Shutter Open RGBL 64–95 RGBL Strobe Effect Slow to Fast 96–127 RGBL No Function (Shutter Open) 128–159 RGBL Pulse-Effect in Sequences 160–191 Shutter Open RGBL 192–223 RGBL Random Strobe Effect Slow to Fast 224–255 Shutter Open RGBL
26	Dimmer	0	0–62 0 % RGBL 63–126 25 % RGBL 127–190 50 % RGBL 191–254 75 % RGBL 255–255 100 % RGBL
27	Dimmer Fine	0	Fine byte of Dimmer
28	Red	255	0–62 0 % Bkgrd LED Ring 4 63–126 25 % Bkgrd LED Ring 4 127–190 50 % Bkgrd LED Ring 4 191–254 75 % Bkgrd LED Ring 4 255–255 100 % Bkgrd LED Ring 4
29	Green	255	0–62 0 % Bkgrd LED Ring 4 63–126 25 % Bkgrd LED Ring 4 127–190 50 % Bkgrd LED Ring 4 191–254 75 % Bkgrd LED Ring 4 255–255 100 % Bkgrd LED Ring 4
30	Blue	255	0–62 0 % Bkgrd LED Ring 4 63–126 25 % Bkgrd LED Ring 4 127–190 50 % Bkgrd LED Ring 4 191–254 75 % Bkgrd LED Ring 4 255–255 100 % Bkgrd LED Ring 4
31	Red	255	0–62 0 % Bkgrd LED Ring 5 63–126 25 % Bkgrd LED Ring 5 127–190 50 % Bkgrd LED Ring 5 191–254 75 % Bkgrd LED Ring 5 255–255 100 % Bkgrd LED Ring 5
32	Green	255	0–62 0 % Bkgrd LED Ring 5 63–126 25 % Bkgrd LED Ring 5 127–190 50 % Bkgrd LED Ring 5 191–254 75 % Bkgrd LED Ring 5 255–255 100 % Bkgrd LED Ring 5
33	Blue	255	0–62 0 % Bkgrd LED Ring 5 63–126 25 % Bkgrd LED Ring 5 127–190 50 % Bkgrd LED Ring 5 191–254 75 % Bkgrd LED Ring 5 255–255 100 % Bkgrd LED Ring 5

58Ch-B (continued)

Ch	Function	Default	DMX values
34	Red	255	0–62 0 % Bkgrd LED Ring 6 63–126 25 % Bkgrd LED Ring 6 127–190 50 % Bkgrd LED Ring 6 191–254 75 % Bkgrd LED Ring 6 255–255 100 % Bkgrd LED Ring 6
35	Green	255	0–62 0 % Bkgrd LED Ring 6 63–126 25 % Bkgrd LED Ring 6 127–190 50 % Bkgrd LED Ring 6 191–254 75 % Bkgrd LED Ring 6 255–255 100 % Bkgrd LED Ring 6
36	Blue	255	0–62 0 % Bkgrd LED Ring 6 63–126 25 % Bkgrd LED Ring 6 127–190 50 % Bkgrd LED Ring 6 191–254 75 % Bkgrd LED Ring 6 255–255 100 % Bkgrd LED Ring 6
37	Color4	0	
38	Effect 2	0	0–0 Open bk grnd 1–60 Macro 1 bk grnd 61–179 Macro 2 bk grnd 180–201 Macro 3 bk grnd 202–207 Macro 4 bk grnd 208–229 Macro 5 bk grnd 230–234 Macro 6 bk grnd 235–239 Macro 7 bk grnd 240–244 Macro 8 bk grnd 245–255 No Function bk grnd
39	Effect Speed 2	0	
40	Effects2Fade	0	
41	Shutter / Strobe	50	0–31 Shutter Closed Bkgrd LED 32–63 Shutter Open Bkgrd LED 64–95 Bkgrd LED Strobe Effect Slow to Fast 96–127 Shutter Open Bkgrd LED 128–159 Bkgrd LED Pulse-Effect in Sequences 160–191 Shutter Open Bkgrd LED 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open Bkgrd LED
42	Dimmer	0	0–62 0 % Bkgrd LED 63–126 25 % Bkgrd LED 127–190 50 % Bkgrd LED 191–254 75 % Bkgrd LED 255–255 100 % Bkgrd LED
43	Dimmer Fine	0	Fine byte of Dimmer
44	Red	255	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring
45	Green	255	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring
46	Blue	255	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring

58Ch-B (continued)

Ch	Function	Default	DMX values
47	Shutter / Strobe	50	0–31 Shutter Closed Ring 32–63 Shutter Open Ring 64–95 Strobe Effect Slow to Fast Ring 96–127 Shutter Open Ring 128–159 Pulse-Effect in Sequences Ring 160–191 Shutter Open Ring 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open Ring
48	Dimmer	0	0–62 0 % Ring 63–126 25 % Ring 127–190 50 % Ring 191–254 75 % Ring 255–255 100 % Ring
49	Dimmer Fine	0	Fine byte of Dimmer
50	Zoom	127	
51	Zoom Fine	127	Fine byte of Zoom
52	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default
53	Dimmer Curve	0	0–20 No Function 21–40 Linear 41–60 Square 61–80 Inv Squa 81–100 S Curve 101–255 No Function

58Ch-B (continued)

Ch	Function	Default	DMX values
54	Effect	0	0–9 No Function 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 No Function
55	Effect Speed	0	
56	Effects1Fade	0	
57	Position MSpeed	0	
58	Function	0	

123 CH

123 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Cyan	0	
6	Magenta	0	
7	Yellow	0	
8	Color Wheel	0	
9	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
10	Tint	128	
11	Color5	0	
12	Color3	0	

123 CH (continued)

Ch	Function	Default	DMX values
13	Effect	0	0–0 Open 1–60 Macro 1 61–179 Macro 2 180–201 Macro 3 202–207 Macro 4 208–229 Macro 5 230–234 Macro 6 235–239 Macro 7 240–244 Macro 8 245–255 No Function
14	Effect Speed	0	
15	Effects1Fade	0	
16	Shutter / Strobe	50	0–31 Shutter Closed RGBL 32–63 Shutter Open RGBL 64–95 RGBL Strobe Effect Slow to Fast 96–127 RGBL No Function (Shutter Open) 128–159 RGBL Pulse-Effect in Sequences 160–191 Shutter Open RGBL 192–223 RGBL Random Strobe Effect Slow to Fast 224–255 Shutter Open RGBL
17	Dimmer	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	

123 CH (continued)

Ch	Function	Default	DMX values
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	
91	Reserved 91	0	

123 CH (continued)

Ch	Function	Default	DMX values
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	Color4	0	
109	Effect 2	0	0–0 Open bk grnd 1–60 Macro 1 bk grnd 61–179 Macro 2 bk grnd 180–201 Macro 3 bk grnd 202–207 Macro 4 bk grnd 208–229 Macro 5 bk grnd 230–234 Macro 6 bk grnd 235–239 Macro 7 bk grnd 240–244 Macro 8 bk grnd 245–255 No Function bk grnd
110	Effect Speed 2	0	
111	Effects2Fade	0	
112	Shutter / Strobe	50	0–31 Shutter Closed Bkgrd LED 32–63 Shutter Open Bkgrd LED 64–95 Bkgrd LED Strobe Effect Slow to Fast 96–127 Shutter Open Bkgrd LED 128–159 Bkgrd LED Pulse-Effect in Sequences 160–191 Shutter Open Bkgrd LED 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open Bkgrd LED
113	Dimmer	0	
114	Red	255	
115	Green	255	
116	Blue	255	
117	Shutter / Strobe	50	0–31 Shutter Closed Ring 32–63 Shutter Open Ring 64–95 Strobe Effect Slow to Fast Ring 96–127 Shutter Open Ring 128–159 Pulse-Effect in Sequences Ring 160–191 Shutter Open Ring 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open Ring
118	Dimmer	0	
119	Zoom	127	
120	Dimmer Mode	0	

123 CH (continued)

Ch	Function	Default	DMX values
121	Dimmer Curve	0	
122	Position MSpeed	0	
123	Function	0	

133 CH

133 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Red	255	
6	Green	255	
7	Blue	255	
8	Magenta Fine	0	
9	Yellow	0	
10	Yellow Fine	0	Fine byte of Yellow
11	Color Wheel	0	
12	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
13	Tint	128	
14	Color5	0	
15	Color3	0	
16	Effect	0	0–0 Open 1–60 Macro 1 61–179 Macro 2 180–201 Macro 3 202–207 Macro 4 208–229 Macro 5 230–234 Macro 6 235–239 Macro 7 240–244 Macro 8 245–255 No Function
17	Effect Speed	0	
18	Effects1Fade	0	
19	Shutter / Strobe	50	0–31 Shutter Closed RGBL 32–63 Shutter Open RGBL 64–95 RGBL Strobe Effect Slow to Fast 96–127 RGBL No Function (Shutter Open) 128–159 RGBL Pulse-Effect in Sequences 160–191 Shutter Open RGBL 192–223 RGBL Random Strobe Effect Slow to Fast 224–255 Shutter Open RGBL
20	Dimmer	0	

133 CH (continued)

Ch	Function	Default	DMX values
21	Dimmer Fine	0	Fine byte of Dimmer
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
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	

133 CH (continued)

Ch	Function	Default	DMX values
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	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	

133 CH (continued)

Ch	Function	Default	DMX values
111	Reserved 111	0	
112	Color4	0	
113	Effect 2	0	0–0 Open bk grnd 1–60 Macro 1 bk grnd 61–179 Macro 2 bk grnd 180–201 Macro 3 bk grnd 202–207 Macro 4 bk grnd 208–229 Macro 5 bk grnd 230–234 Macro 6 bk grnd 235–239 Macro 7 bk grnd 240–244 Macro 8 bk grnd 245–255 No Function bk grnd
114	Effect Speed 2	0	
115	Effects2Fade	0	
116	Shutter / Strobe	50	0–31 Shutter Closed Bkgrd LED 32–63 Shutter Open Bkgrd LED 64–95 Bkgrd LED Strobe Effect Slow to Fast 96–127 Shutter Open Bkgrd LED 128–159 Bkgrd LED Pulse-Effect in Sequences 160–191 Shutter Open Bkgrd LED 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open Bkgrd LED
117	Dimmer	0	
118	Dimmer Fine	0	Fine byte of Dimmer
119	Red	255	
120	Green	255	
121	Blue	255	
122	Shutter / Strobe	50	0–31 Shutter Closed Ring 32–63 Shutter Open Ring 64–95 Strobe Effect Slow to Fast Ring 96–127 Shutter Open Ring 128–159 Pulse-Effect in Sequences Ring 160–191 Shutter Open Ring 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open Ring
123	Dimmer	0	
124	Dimmer Fine	0	Fine byte of Dimmer
125	Zoom	127	
126	Zoom Fine	127	Fine byte of Zoom
127	Dimmer Mode	0	
128	Dimmer Curve	0	

133 CH (continued)

Ch	Function	Default	DMX values
129	Effect	0	0–9 No Function 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 No Function
130	Effect Speed	0	
131	Effects1Fade	0	
132	Position MSpeed	0	
133	Function	0	

203 CH

203 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	

203 CH (continued)

Ch	Function	Default	DMX values
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
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	

203 CH (continued)

Ch	Function	Default	DMX values
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Color Wheel	0	
82	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
83	Tint	128	
84	Color5	0	
85	Color3	0	
86	Effect	0	0–0 Open 1–60 Macro 1 61–179 Macro 2 180–201 Macro 3 202–207 Macro 4 208–229 Macro 5 230–234 Macro 6 235–239 Macro 7 240–244 Macro 8 245–255 No Function
87	Effect Speed	0	
88	Effects1Fade	0	
89	Shutter / Strobe	50	0–31 Shutter Closed RGBL 32–63 Shutter Open RGBL 64–95 RGBL Strobe Effect Slow to Fast 96–127 RGBL No Function (Shutter Open) 128–159 RGBL Pulse-Effect in Sequences 160–191 Shutter Open RGBL 192–223 RGBL Random Strobe Effect Slow to Fast 224–255 Shutter Open RGBL
90	Dimmer	0	
91	Dimmer Fine	0	Fine byte of Dimmer
92	Reserved 92	0	
93	Reserved 93	0	

203 CH (continued)

Ch	Function	Default	DMX values
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	
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	

203 CH (continued)

Ch	Function	Default	DMX values
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	
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	Color4	0	

203 CH (continued)

Ch	Function	Default	DMX values
183	Effect 2	0	0–0 Open bk grnd 1–60 Macro 1 bk grnd 61–179 Macro 2 bk grnd 180–201 Macro 3 bk grnd 202–207 Macro 4 bk grnd 208–229 Macro 5 bk grnd 230–234 Macro 6 bk grnd 235–239 Macro 7 bk grnd 240–244 Macro 8 bk grnd 245–255 No Function bk grnd
184	Effect Speed 2	0	
185	Effects2Fade	0	
186	Shutter / Strobe	50	0–31 Shutter Closed Bkgrd LED 32–63 Shutter Open Bkgrd LED 64–95 Bkgrd LED Strobe Effect Slow to Fast 96–127 Shutter Open Bkgrd LED 128–159 Bkgrd LED Pulse-Effect in Sequences 160–191 Shutter Open Bkgrd LED 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open Bkgrd LED
187	Dimmer	0	
188	Dimmer Fine	0	Fine byte of Dimmer
189	Red	255	
190	Green	255	
191	Blue	255	
192	Shutter / Strobe	50	0–31 Shutter Closed Ring 32–63 Shutter Open Ring 64–95 Strobe Effect Slow to Fast Ring 96–127 Shutter Open Ring 128–159 Pulse-Effect in Sequences Ring 160–191 Shutter Open Ring 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open Ring
193	Dimmer	0	
194	Dimmer Fine	0	Fine byte of Dimmer
195	Zoom	127	
196	Zoom Fine	127	Fine byte of Zoom
197	Dimmer Mode	0	
198	Dimmer Curve	0	

203 CH (continued)

Ch	Function	Default	DMX values
199	Effect	0	0–9 No Function 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 No Function
200	Effect Speed	0	
201	Effects1Fade	0	
202	Position MSpeed	0	
203	Function	0	