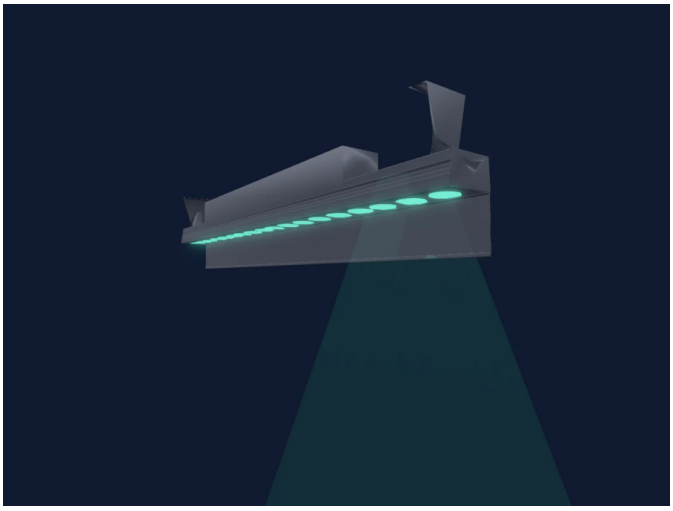
ADJ

Ultra LB18



Manufacturer	**ADJ**
Type	**Effect light**
DMX modes	**11**
DMX footprint	**5, 8, 10, 13, 16, 30, 33, 38, 41, 60, 71 channels**
Beam angle	**40°**
Heads / cells	**6**
Size (W × H × D)	**1003 × 203 × 89 mm**
GDTF fixture type	**F6709A2D-240B-439F-B2A1-CB…**

Controls

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

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

5Ch	5 ch
8ch	8 ch
10ch	10 ch
13ch	13 ch
16ch	16 ch
30ch	30 ch
33ch	33 ch
38ch	38 ch
41ch	41 ch
60ch	60 ch
71ch	71 ch

5Ch

5 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Add RY	0	
5	Color Add GY	0	

8ch

8 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Add RY	0	
5	Color Add GY	0	
6	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
7	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
8	Dimmer Fine	0	Fine byte of Dimmer

10ch

10 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	Color Add RY	0	
8	Color Add RY Fine	0	Fine byte of Color Add RY
9	Color Add GY	0	
10	Color Add GY Fine	0	Fine byte of Color Add GY

13ch

13 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Add RY	0	
5	Color Add GY	0	

13ch (continued)

Ch	Function	Default	DMX values
6	Color Wheel	0	0–0 Off (wheel slot 1) 1–4 Color Macro 1 (wheel slot 2) 5–8 Color Macro 2 (wheel slot 3) 9–12 Color Macro 3 (wheel slot 4) 13–16 Color Macro 4 (wheel slot 5) 17–20 Color Macro 5 (wheel slot 6) 21–24 Color Macro 6 (wheel slot 7) 25–28 Color Macro 7 (wheel slot 8) 29–32 Color Macro 8 (wheel slot 9) 33–36 Color Macro 9 (wheel slot 10) 37–40 Color Macro 10 (wheel slot 11) 41–44 Color Macro 11 (wheel slot 12) 45–48 Color Macro 12 (wheel slot 13) 49–52 Color Macro 13 (wheel slot 14) 53–56 Color Macro 14 (wheel slot 15) 57–60 Color Macro 15 (wheel slot 16) 61–64 Color Macron16 (wheel slot 17) 65–68 Color Macro 17 (wheel slot 18) 69–72 Color Macro 18 (wheel slot 19) 73–76 Color Macro 19 (wheel slot 20) 77–80 Color Macro 20 (wheel slot 21) 81–84 Color Macro 21 (wheel slot 22) 85–88 Color Macro 22 (wheel slot 23) 89–92 Color Macro 23 (wheel slot 24) 93–96 Color Macro 24 (wheel slot 25) 97–100 Color Macro 25 (wheel slot 26) 101–104 Color Macro 26 (wheel slot 27) 105–108 Color Macro 27 (wheel slot 28) 109–112 Color Macro 28 (wheel slot 29) 113–116 Color Macro 29 (wheel slot 30) 117–120 Color Macro 30 (wheel slot 31) 121–124 Color Macro 31 (wheel slot 32) 125–128 Color Macro 32 (wheel slot 33) 129–132 Color Macro 33 (wheel slot 34) 133–136 Color Macro 34 (wheel slot 35) 137–140 Color Macro 35 (wheel slot 36) 141–144 Color Macro 36 (wheel slot 37) 145–148 Color Macro 37 (wheel slot 38) 149–152 Color Macro 38 (wheel slot 39) 153–156 Color Macro 39 (wheel slot 40) 157–160 Color Macro 40 (wheel slot 41) 161–164 Color Macro 41 (wheel slot 42) 165–168 Color Macro 42 (wheel slot 43) 169–172 Color Macro 43 (wheel slot 44) 173–176 Color Macro 44 (wheel slot 45) 177–180 Color Macro 45 (wheel slot 46) 181–184 Color Macro 46 (wheel slot 47) 185–188 Color Macro 47 (wheel slot 48) 189–192 Color Macro 48 (wheel slot 49) 193–196 Color Macro 49 (wheel slot 50) 197–200 Color Macro 50 (wheel slot 51) 201–204 Color Macro 51 (wheel slot 52) 205–208 Color Macro 52 (wheel slot 53) 209–212 Color Macro 53 (wheel slot 54) 213–216 Color Macro 54 (wheel slot 55) 217–220 Color Macro 55 (wheel slot 56) 221–224 Color Macro 56 (wheel slot 57) 225–228 Color Macro 57 (wheel slot 58) 229–232 Color Macro 58 (wheel slot 59) 233–236 Color Macro 59 (wheel slot 60) 237–240 Color Macro 60 (wheel slot 61) 241–244 Color Macro 61 (wheel slot 62) 245–248 Color Macro 62 (wheel slot 63) 249–252 Color Macro 63 (wheel slot 64)

13ch (continued)

Ch	Function	Default	DMX values
7	Color Wheel 2	0	0–15 N/A (wheel slot 1) 16–31 2300K (wheel slot 2) 32–47 2600K (wheel slot 3) 48–63 2800K (wheel slot 4) 64–79 3100K (wheel slot 5) 80–95 3400K (wheel slot 6) 96–111 3800K (wheel slot 7) 112–127 4100K (wheel slot 8) 128–143 4500K (wheel slot 9) 144–159 4900K (wheel slot 10) 160–175 5500K (wheel slot 11) 176–191 6000K (wheel slot 12) 192–207 7000K (wheel slot 13) 208–223 8000K (wheel slot 14) 224–239 9000K (wheel slot 15) 240–255 9900K (wheel slot 16)
8	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
9	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
10	Dimmer Fine	0	Fine byte of Dimmer
11	Effect	0	0–10 Off 11–26 Auto Program 1 27–43 Auto Program 2 44–60 Auto Program 3 61–76 Auto Program 4 77–93 Auto Program 5 94–110 Auto Program 6 111–126 Auto Program 7 127–143 Auto Program 8 144–160 Auto Program 9 161–176 Auto Program 10 177–193 Auto Program 11 194–210 Auto Program 12 211–226 Auto Program 13 227–255 No Function
12	Effect Speed	0	
13	Effects1Fade	0	

16ch

16 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Add RY	0	

16ch (continued)

Ch	Function	Default	DMX values
5	Color Add GY	0	

16ch (continued)

Ch	Function	Default	DMX values
6	Color Wheel	0	0–0 Off (wheel slot 1) 1–4 Color Macro 1 (wheel slot 2) 5–8 Color Macro 2 (wheel slot 3) 9–12 Color Macro 3 (wheel slot 4) 13–16 Color Macro 4 (wheel slot 5) 17–20 Color Macro 5 (wheel slot 6) 21–24 Color Macro 6 (wheel slot 7) 25–28 Color Macro 7 (wheel slot 8) 29–32 Color Macro 8 (wheel slot 9) 33–36 Color Macro 9 (wheel slot 10) 37–40 Color Macro 10 (wheel slot 11) 41–44 Color Macro 11 (wheel slot 12) 45–48 Color Macro 12 (wheel slot 13) 49–52 Color Macro 13 (wheel slot 14) 53–56 Color Macro 14 (wheel slot 15) 57–60 Color Macro 15 (wheel slot 16) 61–64 Color Macron16 (wheel slot 17) 65–68 Color Macro 17 (wheel slot 18) 69–72 Color Macro 18 (wheel slot 19) 73–76 Color Macro 19 (wheel slot 20) 77–80 Color Macro 20 (wheel slot 21) 81–84 Color Macro 21 (wheel slot 22) 85–88 Color Macro 22 (wheel slot 23) 89–92 Color Macro 23 (wheel slot 24) 93–96 Color Macro 24 (wheel slot 25) 97–100 Color Macro 25 (wheel slot 26) 101–104 Color Macro 26 (wheel slot 27) 105–108 Color Macro 27 (wheel slot 28) 109–112 Color Macro 28 (wheel slot 29) 113–116 Color Macro 29 (wheel slot 30) 117–120 Color Macro 30 (wheel slot 31) 121–124 Color Macro 31 (wheel slot 32) 125–128 Color Macro 32 (wheel slot 33) 129–132 Color Macro 33 (wheel slot 34) 133–136 Color Macro 34 (wheel slot 35) 137–140 Color Macro 35 (wheel slot 36) 141–144 Color Macro 36 (wheel slot 37) 145–148 Color Macro 37 (wheel slot 38) 149–152 Color Macro 38 (wheel slot 39) 153–156 Color Macro 39 (wheel slot 40) 157–160 Color Macro 40 (wheel slot 41) 161–164 Color Macro 41 (wheel slot 42) 165–168 Color Macro 42 (wheel slot 43) 169–172 Color Macro 43 (wheel slot 44) 173–176 Color Macro 44 (wheel slot 45) 177–180 Color Macro 45 (wheel slot 46) 181–184 Color Macro 46 (wheel slot 47) 185–188 Color Macro 47 (wheel slot 48) 189–192 Color Macro 48 (wheel slot 49) 193–196 Color Macro 49 (wheel slot 50) 197–200 Color Macro 50 (wheel slot 51) 201–204 Color Macro 51 (wheel slot 52) 205–208 Color Macro 52 (wheel slot 53) 209–212 Color Macro 53 (wheel slot 54) 213–216 Color Macro 54 (wheel slot 55) 217–220 Color Macro 55 (wheel slot 56) 221–224 Color Macro 56 (wheel slot 57) 225–228 Color Macro 57 (wheel slot 58) 229–232 Color Macro 58 (wheel slot 59) 233–236 Color Macro 59 (wheel slot 60) 237–240 Color Macro 60 (wheel slot 61) 241–244 Color Macro 61 (wheel slot 62) 245–248 Color Macro 62 (wheel slot 63) 249–252 Color Macro 63 (wheel slot 64)

16ch (continued)

Ch	Function	Default	DMX values
7	Color Wheel 2	0	0–15 N/A (wheel slot 1) 16–31 2300K (wheel slot 2) 32–47 2600K (wheel slot 3) 48–63 2800K (wheel slot 4) 64–79 3100K (wheel slot 5) 80–95 3400K (wheel slot 6) 96–111 3800K (wheel slot 7) 112–127 4100K (wheel slot 8) 128–143 4500K (wheel slot 9) 144–159 4900K (wheel slot 10) 160–175 5500K (wheel slot 11) 176–191 6000K (wheel slot 12) 192–207 7000K (wheel slot 13) 208–223 8000K (wheel slot 14) 224–239 9000K (wheel slot 15) 240–255 9900K (wheel slot 16)
8	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
9	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
10	Dimmer Fine	0	Fine byte of Dimmer
11	Effect	0	0–10 Off 11–26 Auto Program 1 27–43 Auto Program 2 44–60 Auto Program 3 61–76 Auto Program 4 77–93 Auto Program 5 94–110 Auto Program 6 111–126 Auto Program 7 127–143 Auto Program 8 144–160 Auto Program 9 161–176 Auto Program 10 177–193 Auto Program 11 194–210 Auto Program 12 211–226 Auto Program 13 227–255 No Function
12	Effect Speed	0	
13	Effects1Fade	0	

16ch (continued)

Ch	Function	Default	DMX values
14	Dimmer Mode	0	0–20 Default to Unit Setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theater 121–140 Stage 2 141–141 0*1 second 142–142 0*2 seconds 143–143 0*3 seconds 144–144 0*4 seconds 145–145 0*5 seconds 146–146 0*6 seconds 147–147 0*7 seconds 148–148 0*8 seconds 149–149 0*9 seconds 150–150 1 second 151–151 1*5 seconds 152–152 2 seconds 153–153 3 seconds 154–154 4 seconds 155–155 5 seconds 156–156 6 seconds 157–157 7 seconds 158–158 8 seconds 159–159 9 seconds 160–160 10 seconds 161–255 Default to Unit Setting
15	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
16	L EDFrequency	0	0–15 Default 16–30 900 Hz 31–45 1000 Hz 46–60 1100 Hz 61–75 1200 Hz 76–90 1300 Hz 91–105 1400 Hz 106–120 1500 Hz 121–135 2500 Hz 136–150 4000 Hz 151–165 5000 Hz 166–180 10000 Hz 181–195 15000 Hz 196–210 20000 Hz 211–225 25000 Hz 226–255 No Function

30ch

30 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Add RY	0	
5	Color Add GY	0	
6	Red	0	

30ch (continued)

Ch	Function	Default	DMX values
7	Green	0	
8	Blue	0	
9	Color Add RY	0	
10	Color Add GY	0	
11	Red	0	
12	Green	0	
13	Blue	0	
14	Color Add RY	0	
15	Color Add GY	0	
16	Red	0	
17	Green	0	
18	Blue	0	
19	Color Add RY	0	
20	Color Add GY	0	
21	Red	0	
22	Green	0	
23	Blue	0	
24	Color Add RY	0	
25	Color Add GY	0	
26	Red	0	
27	Green	0	
28	Blue	0	
29	Color Add RY	0	
30	Color Add GY	0	

33ch

33 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Add RY	0	
5	Color Add GY	0	
6	Red	0	
7	Green	0	
8	Blue	0	
9	Color Add RY	0	
10	Color Add GY	0	
11	Red	0	
12	Green	0	
13	Blue	0	
14	Color Add RY	0	
15	Color Add GY	0	
16	Red	0	
17	Green	0	

33ch (continued)

Ch	Function	Default	DMX values
18	Blue	0	
19	Color Add RY	0	
20	Color Add GY	0	
21	Red	0	
22	Green	0	
23	Blue	0	
24	Color Add RY	0	
25	Color Add GY	0	
26	Red	0	
27	Green	0	
28	Blue	0	
29	Color Add RY	0	
30	Color Add GY	0	
31	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
32	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
33	Dimmer Fine	0	Fine byte of Dimmer

38ch

38 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Add RY	0	
5	Color Add GY	0	
6	Red	0	
7	Green	0	
8	Blue	0	
9	Color Add RY	0	
10	Color Add GY	0	
11	Red	0	
12	Green	0	
13	Blue	0	
14	Color Add RY	0	
15	Color Add GY	0	

38ch (continued)

Ch	Function	Default	DMX values
16	Red	0	
17	Green	0	
18	Blue	0	
19	Color Add RY	0	
20	Color Add GY	0	
21	Red	0	
22	Green	0	
23	Blue	0	
24	Color Add RY	0	
25	Color Add GY	0	
26	Red	0	
27	Green	0	
28	Blue	0	
29	Color Add RY	0	
30	Color Add GY	0	

38ch (continued)

Ch	Function	Default	DMX values
31	Color Wheel	0	0–0 Off (wheel slot 1) 1–4 Color Macro 1 (wheel slot 2) 5–8 Color Macro 2 (wheel slot 3) 9–12 Color Macro 3 (wheel slot 4) 13–16 Color Macro 4 (wheel slot 5) 17–20 Color Macro 5 (wheel slot 6) 21–24 Color Macro 6 (wheel slot 7) 25–28 Color Macro 7 (wheel slot 8) 29–32 Color Macro 8 (wheel slot 9) 33–36 Color Macro 9 (wheel slot 10) 37–40 Color Macro 10 (wheel slot 11) 41–44 Color Macro 11 (wheel slot 12) 45–48 Color Macro 12 (wheel slot 13) 49–52 Color Macro 13 (wheel slot 14) 53–56 Color Macro 14 (wheel slot 15) 57–60 Color Macro 15 (wheel slot 16) 61–64 Color Macron16 (wheel slot 17) 65–68 Color Macro 17 (wheel slot 18) 69–72 Color Macro 18 (wheel slot 19) 73–76 Color Macro 19 (wheel slot 20) 77–80 Color Macro 20 (wheel slot 21) 81–84 Color Macro 21 (wheel slot 22) 85–88 Color Macro 22 (wheel slot 23) 89–92 Color Macro 23 (wheel slot 24) 93–96 Color Macro 24 (wheel slot 25) 97–100 Color Macro 25 (wheel slot 26) 101–104 Color Macro 26 (wheel slot 27) 105–108 Color Macro 27 (wheel slot 28) 109–112 Color Macro 28 (wheel slot 29) 113–116 Color Macro 29 (wheel slot 30) 117–120 Color Macro 30 (wheel slot 31) 121–124 Color Macro 31 (wheel slot 32) 125–128 Color Macro 32 (wheel slot 33) 129–132 Color Macro 33 (wheel slot 34) 133–136 Color Macro 34 (wheel slot 35) 137–140 Color Macro 35 (wheel slot 36) 141–144 Color Macro 36 (wheel slot 37) 145–148 Color Macro 37 (wheel slot 38) 149–152 Color Macro 38 (wheel slot 39) 153–156 Color Macro 39 (wheel slot 40) 157–160 Color Macro 40 (wheel slot 41) 161–164 Color Macro 41 (wheel slot 42) 165–168 Color Macro 42 (wheel slot 43) 169–172 Color Macro 43 (wheel slot 44) 173–176 Color Macro 44 (wheel slot 45) 177–180 Color Macro 45 (wheel slot 46) 181–184 Color Macro 46 (wheel slot 47) 185–188 Color Macro 47 (wheel slot 48) 189–192 Color Macro 48 (wheel slot 49) 193–196 Color Macro 49 (wheel slot 50) 197–200 Color Macro 50 (wheel slot 51) 201–204 Color Macro 51 (wheel slot 52) 205–208 Color Macro 52 (wheel slot 53) 209–212 Color Macro 53 (wheel slot 54) 213–216 Color Macro 54 (wheel slot 55) 217–220 Color Macro 55 (wheel slot 56) 221–224 Color Macro 56 (wheel slot 57) 225–228 Color Macro 57 (wheel slot 58) 229–232 Color Macro 58 (wheel slot 59) 233–236 Color Macro 59 (wheel slot 60) 237–240 Color Macro 60 (wheel slot 61) 241–244 Color Macro 61 (wheel slot 62) 245–248 Color Macro 62 (wheel slot 63) 249–252 Color Macro 63 (wheel slot 64)

38ch (continued)

Ch	Function	Default	DMX values
32	Color Wheel 2	0	0–15 N/A (wheel slot 1) 16–31 2300K (wheel slot 2) 32–47 2600K (wheel slot 3) 48–63 2800K (wheel slot 4) 64–79 3100K (wheel slot 5) 80–95 3400K (wheel slot 6) 96–111 3800K (wheel slot 7) 112–127 4100K (wheel slot 8) 128–143 4500K (wheel slot 9) 144–159 4900K (wheel slot 10) 160–175 5500K (wheel slot 11) 176–191 6000K (wheel slot 12) 192–207 7000K (wheel slot 13) 208–223 8000K (wheel slot 14) 224–239 9000K (wheel slot 15) 240–255 9900K (wheel slot 16)
33	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
34	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
35	Dimmer Fine	0	Fine byte of Dimmer
36	Dimmer Mode	0	0–20 Default to Unit Setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theater 121–140 Stage 2 141–141 0*1 second 142–142 0*2 seconds 143–143 0*3 seconds 144–144 0*4 seconds 145–145 0*5 seconds 146–146 0*6 seconds 147–147 0*7 seconds 148–148 0*8 seconds 149–149 0*9 seconds 150–150 1 second 151–151 1*5 seconds 152–152 2 seconds 153–153 3 seconds 154–154 4 seconds 155–155 5 seconds 156–156 6 seconds 157–157 7 seconds 158–158 8 seconds 159–159 9 seconds 160–160 10 seconds 161–255 Default to Unit Setting

38ch (continued)

Ch	Function	Default	DMX values
37	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
38	L EDFrequency	0	0–15 Default 16–30 900 Hz 31–45 1000 Hz 46–60 1100 Hz 61–75 1200 Hz 76–90 1300 Hz 91–105 1400 Hz 106–120 1500 Hz 121–135 2500 Hz 136–150 4000 Hz 151–165 5000 Hz 166–180 10000 Hz 181–195 15000 Hz 196–210 20000 Hz 211–225 25000 Hz 226–255 No Function

41ch

41 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Add RY	0	
5	Color Add GY	0	
6	Red	0	
7	Green	0	
8	Blue	0	
9	Color Add RY	0	
10	Color Add GY	0	
11	Red	0	
12	Green	0	
13	Blue	0	
14	Color Add RY	0	
15	Color Add GY	0	
16	Red	0	
17	Green	0	
18	Blue	0	
19	Color Add RY	0	
20	Color Add GY	0	
21	Red	0	
22	Green	0	
23	Blue	0	
24	Color Add RY	0	
25	Color Add GY	0	
26	Red	0	

41ch (continued)

Ch	Function	Default	DMX values
27	Green	0	
28	Blue	0	
29	Color Add RY	0	
30	Color Add GY	0	

41ch (continued)

Ch	Function	Default	DMX values
31	Color Wheel	0	0–0 Off (wheel slot 1) 1–4 Color Macro 1 (wheel slot 2) 5–8 Color Macro 2 (wheel slot 3) 9–12 Color Macro 3 (wheel slot 4) 13–16 Color Macro 4 (wheel slot 5) 17–20 Color Macro 5 (wheel slot 6) 21–24 Color Macro 6 (wheel slot 7) 25–28 Color Macro 7 (wheel slot 8) 29–32 Color Macro 8 (wheel slot 9) 33–36 Color Macro 9 (wheel slot 10) 37–40 Color Macro 10 (wheel slot 11) 41–44 Color Macro 11 (wheel slot 12) 45–48 Color Macro 12 (wheel slot 13) 49–52 Color Macro 13 (wheel slot 14) 53–56 Color Macro 14 (wheel slot 15) 57–60 Color Macro 15 (wheel slot 16) 61–64 Color Macron16 (wheel slot 17) 65–68 Color Macro 17 (wheel slot 18) 69–72 Color Macro 18 (wheel slot 19) 73–76 Color Macro 19 (wheel slot 20) 77–80 Color Macro 20 (wheel slot 21) 81–84 Color Macro 21 (wheel slot 22) 85–88 Color Macro 22 (wheel slot 23) 89–92 Color Macro 23 (wheel slot 24) 93–96 Color Macro 24 (wheel slot 25) 97–100 Color Macro 25 (wheel slot 26) 101–104 Color Macro 26 (wheel slot 27) 105–108 Color Macro 27 (wheel slot 28) 109–112 Color Macro 28 (wheel slot 29) 113–116 Color Macro 29 (wheel slot 30) 117–120 Color Macro 30 (wheel slot 31) 121–124 Color Macro 31 (wheel slot 32) 125–128 Color Macro 32 (wheel slot 33) 129–132 Color Macro 33 (wheel slot 34) 133–136 Color Macro 34 (wheel slot 35) 137–140 Color Macro 35 (wheel slot 36) 141–144 Color Macro 36 (wheel slot 37) 145–148 Color Macro 37 (wheel slot 38) 149–152 Color Macro 38 (wheel slot 39) 153–156 Color Macro 39 (wheel slot 40) 157–160 Color Macro 40 (wheel slot 41) 161–164 Color Macro 41 (wheel slot 42) 165–168 Color Macro 42 (wheel slot 43) 169–172 Color Macro 43 (wheel slot 44) 173–176 Color Macro 44 (wheel slot 45) 177–180 Color Macro 45 (wheel slot 46) 181–184 Color Macro 46 (wheel slot 47) 185–188 Color Macro 47 (wheel slot 48) 189–192 Color Macro 48 (wheel slot 49) 193–196 Color Macro 49 (wheel slot 50) 197–200 Color Macro 50 (wheel slot 51) 201–204 Color Macro 51 (wheel slot 52) 205–208 Color Macro 52 (wheel slot 53) 209–212 Color Macro 53 (wheel slot 54) 213–216 Color Macro 54 (wheel slot 55) 217–220 Color Macro 55 (wheel slot 56) 221–224 Color Macro 56 (wheel slot 57) 225–228 Color Macro 57 (wheel slot 58) 229–232 Color Macro 58 (wheel slot 59) 233–236 Color Macro 59 (wheel slot 60) 237–240 Color Macro 60 (wheel slot 61) 241–244 Color Macro 61 (wheel slot 62) 245–248 Color Macro 62 (wheel slot 63) 249–252 Color Macro 63 (wheel slot 64)

41ch (continued)

Ch	Function	Default	DMX values
32	Color Wheel 2	0	0–15 N/A (wheel slot 1) 16–31 2300K (wheel slot 2) 32–47 2600K (wheel slot 3) 48–63 2800K (wheel slot 4) 64–79 3100K (wheel slot 5) 80–95 3400K (wheel slot 6) 96–111 3800K (wheel slot 7) 112–127 4100K (wheel slot 8) 128–143 4500K (wheel slot 9) 144–159 4900K (wheel slot 10) 160–175 5500K (wheel slot 11) 176–191 6000K (wheel slot 12) 192–207 7000K (wheel slot 13) 208–223 8000K (wheel slot 14) 224–239 9000K (wheel slot 15) 240–255 9900K (wheel slot 16)
33	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
34	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
35	Dimmer Fine	0	Fine byte of Dimmer
36	Effect	0	0–10 Off 11–26 Auto Program 1 27–43 Auto Program 2 44–60 Auto Program 3 61–76 Auto Program 4 77–93 Auto Program 5 94–110 Auto Program 6 111–126 Auto Program 7 127–143 Auto Program 8 144–160 Auto Program 9 161–176 Auto Program 10 177–193 Auto Program 11 194–210 Auto Program 12 211–226 Auto Program 13 227–255 No Function
37	Position Effect Rate	0	
38	Effects1Fade	0	

41ch (continued)

Ch	Function	Default	DMX values
39	Dimmer Mode	0	0–20 Default to Unit Setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theater 121–140 Stage 2 141–141 0*1 second 142–142 0*2 seconds 143–143 0*3 seconds 144–144 0*4 seconds 145–145 0*5 seconds 146–146 0*6 seconds 147–147 0*7 seconds 148–148 0*8 seconds 149–149 0*9 seconds 150–150 1 second 151–151 1*5 seconds 152–152 2 seconds 153–153 3 seconds 154–154 4 seconds 155–155 5 seconds 156–156 6 seconds 157–157 7 seconds 158–158 8 seconds 159–159 9 seconds 160–160 10 seconds 161–255 Default to Unit Setting
40	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
41	L EDFrequency	0	0–15 Default 16–30 900 Hz 31–45 1000 Hz 46–60 1100 Hz 61–75 1200 Hz 76–90 1300 Hz 91–105 1400 Hz 106–120 1500 Hz 121–135 2500 Hz 136–150 4000 Hz 151–165 5000 Hz 166–180 10000 Hz 181–195 15000 Hz 196–210 20000 Hz 211–225 25000 Hz 226–255 No Function

60ch

60 channels

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

60ch (continued)

Ch	Function	Default	DMX values
7	Color Add RY	0	
8	Color Add RY Fine	0	Fine byte of Color Add RY
9	Color Add GY	0	
10	Color Add GY Fine	0	Fine byte of Color Add GY
11	Red	0	
12	Red Fine	0	Fine byte of Red
13	Green	0	
14	Green Fine	0	Fine byte of Green
15	Blue	0	
16	Blue Fine	0	Fine byte of Blue
17	Color Add RY	0	
18	Color Add RY Fine	0	Fine byte of Color Add RY
19	Color Add GY	0	
20	Color Add GY Fine	0	Fine byte of Color Add GY
21	Red	0	
22	Red Fine	0	Fine byte of Red
23	Green	0	
24	Green Fine	0	Fine byte of Green
25	Blue	0	
26	Blue Fine	0	Fine byte of Blue
27	Color Add RY	0	
28	Color Add RY Fine	0	Fine byte of Color Add RY
29	Color Add GY	0	
30	Color Add GY Fine	0	Fine byte of Color Add GY
31	Red	0	
32	Red Fine	0	Fine byte of Red
33	Green	0	
34	Green Fine	0	Fine byte of Green
35	Blue	0	
36	Blue Fine	0	Fine byte of Blue
37	Color Add RY	0	
38	Color Add RY Fine	0	Fine byte of Color Add RY
39	Color Add GY	0	
40	Color Add GY Fine	0	Fine byte of Color Add GY
41	Red	0	
42	Red Fine	0	Fine byte of Red
43	Green	0	
44	Green Fine	0	Fine byte of Green
45	Blue	0	
46	Blue Fine	0	Fine byte of Blue
47	Color Add RY	0	
48	Color Add RY Fine	0	Fine byte of Color Add RY
49	Color Add GY	0	
50	Color Add GY Fine	0	Fine byte of Color Add GY
51	Red	0	

60ch (continued)

Ch	Function	Default	DMX values
52	Red Fine	0	Fine byte of Red
53	Green	0	
54	Green Fine	0	Fine byte of Green
55	Blue	0	
56	Blue Fine	0	Fine byte of Blue
57	Color Add RY	0	
58	Color Add RY Fine	0	Fine byte of Color Add RY
59	Color Add GY	0	
60	Color Add GY Fine	0	Fine byte of Color Add GY

71ch

71 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	Color Add RY	0	
8	Color Add RY Fine	0	Fine byte of Color Add RY
9	Color Add GY	0	
10	Color Add GY Fine	0	Fine byte of Color Add GY
11	Red	0	
12	Red Fine	0	Fine byte of Red
13	Green	0	
14	Green Fine	0	Fine byte of Green
15	Blue	0	
16	Blue Fine	0	Fine byte of Blue
17	Color Add RY	0	
18	Color Add RY Fine	0	Fine byte of Color Add RY
19	Color Add GY	0	
20	Color Add GY Fine	0	Fine byte of Color Add GY
21	Red	0	
22	Red Fine	0	Fine byte of Red
23	Green	0	
24	Green Fine	0	Fine byte of Green
25	Blue	0	
26	Blue Fine	0	Fine byte of Blue
27	Color Add RY	0	
28	Color Add RY Fine	0	Fine byte of Color Add RY
29	Color Add GY	0	
30	Color Add GY Fine	0	Fine byte of Color Add GY
31	Red	0	
32	Red Fine	0	Fine byte of Red

71ch (continued)

Ch	Function	Default	DMX values
33	Green	0	
34	Green Fine	0	Fine byte of Green
35	Blue	0	
36	Blue Fine	0	Fine byte of Blue
37	Color Add RY	0	
38	Color Add RY Fine	0	Fine byte of Color Add RY
39	Color Add GY	0	
40	Color Add GY Fine	0	Fine byte of Color Add GY
41	Red	0	
42	Red Fine	0	Fine byte of Red
43	Green	0	
44	Green Fine	0	Fine byte of Green
45	Blue	0	
46	Blue Fine	0	Fine byte of Blue
47	Color Add RY	0	
48	Color Add RY Fine	0	Fine byte of Color Add RY
49	Color Add GY	0	
50	Color Add GY Fine	0	Fine byte of Color Add GY
51	Red	0	
52	Red Fine	0	Fine byte of Red
53	Green	0	
54	Green Fine	0	Fine byte of Green
55	Blue	0	
56	Blue Fine	0	Fine byte of Blue
57	Color Add RY	0	
58	Color Add RY Fine	0	Fine byte of Color Add RY
59	Color Add GY	0	
60	Color Add GY Fine	0	Fine byte of Color Add GY

71ch (continued)

Ch	Function	Default	DMX values
61	Color Wheel	0	0–0 Off (wheel slot 1) 1–4 Color Macro 1 (wheel slot 2) 5–8 Color Macro 2 (wheel slot 3) 9–12 Color Macro 3 (wheel slot 4) 13–16 Color Macro 4 (wheel slot 5) 17–20 Color Macro 5 (wheel slot 6) 21–24 Color Macro 6 (wheel slot 7) 25–28 Color Macro 7 (wheel slot 8) 29–32 Color Macro 8 (wheel slot 9) 33–36 Color Macro 9 (wheel slot 10) 37–40 Color Macro 10 (wheel slot 11) 41–44 Color Macro 11 (wheel slot 12) 45–48 Color Macro 12 (wheel slot 13) 49–52 Color Macro 13 (wheel slot 14) 53–56 Color Macro 14 (wheel slot 15) 57–60 Color Macro 15 (wheel slot 16) 61–64 Color Macron16 (wheel slot 17) 65–68 Color Macro 17 (wheel slot 18) 69–72 Color Macro 18 (wheel slot 19) 73–76 Color Macro 19 (wheel slot 20) 77–80 Color Macro 20 (wheel slot 21) 81–84 Color Macro 21 (wheel slot 22) 85–88 Color Macro 22 (wheel slot 23) 89–92 Color Macro 23 (wheel slot 24) 93–96 Color Macro 24 (wheel slot 25) 97–100 Color Macro 25 (wheel slot 26) 101–104 Color Macro 26 (wheel slot 27) 105–108 Color Macro 27 (wheel slot 28) 109–112 Color Macro 28 (wheel slot 29) 113–116 Color Macro 29 (wheel slot 30) 117–120 Color Macro 30 (wheel slot 31) 121–124 Color Macro 31 (wheel slot 32) 125–128 Color Macro 32 (wheel slot 33) 129–132 Color Macro 33 (wheel slot 34) 133–136 Color Macro 34 (wheel slot 35) 137–140 Color Macro 35 (wheel slot 36) 141–144 Color Macro 36 (wheel slot 37) 145–148 Color Macro 37 (wheel slot 38) 149–152 Color Macro 38 (wheel slot 39) 153–156 Color Macro 39 (wheel slot 40) 157–160 Color Macro 40 (wheel slot 41) 161–164 Color Macro 41 (wheel slot 42) 165–168 Color Macro 42 (wheel slot 43) 169–172 Color Macro 43 (wheel slot 44) 173–176 Color Macro 44 (wheel slot 45) 177–180 Color Macro 45 (wheel slot 46) 181–184 Color Macro 46 (wheel slot 47) 185–188 Color Macro 47 (wheel slot 48) 189–192 Color Macro 48 (wheel slot 49) 193–196 Color Macro 49 (wheel slot 50) 197–200 Color Macro 50 (wheel slot 51) 201–204 Color Macro 51 (wheel slot 52) 205–208 Color Macro 52 (wheel slot 53) 209–212 Color Macro 53 (wheel slot 54) 213–216 Color Macro 54 (wheel slot 55) 217–220 Color Macro 55 (wheel slot 56) 221–224 Color Macro 56 (wheel slot 57) 225–228 Color Macro 57 (wheel slot 58) 229–232 Color Macro 58 (wheel slot 59) 233–236 Color Macro 59 (wheel slot 60) 237–240 Color Macro 60 (wheel slot 61) 241–244 Color Macro 61 (wheel slot 62) 245–248 Color Macro 62 (wheel slot 63) 249–252 Color Macro 63 (wheel slot 64)

71ch (continued)

Ch	Function	Default	DMX values
62	Color Wheel 2	0	0–15 N/A (wheel slot 1) 16–31 2300K (wheel slot 2) 32–47 2600K (wheel slot 3) 48–63 2800K (wheel slot 4) 64–79 3100K (wheel slot 5) 80–95 3400K (wheel slot 6) 96–111 3800K (wheel slot 7) 112–127 4100K (wheel slot 8) 128–143 4500K (wheel slot 9) 144–159 4900K (wheel slot 10) 160–175 5500K (wheel slot 11) 176–191 6000K (wheel slot 12) 192–207 7000K (wheel slot 13) 208–223 8000K (wheel slot 14) 224–239 9000K (wheel slot 15) 240–255 9900K (wheel slot 16)
63	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
64	Dimmer	0	
65	Dimmer Fine	0	Fine byte of Dimmer
66	Effect	0	0–10 Off 11–26 Auto Program 1 27–43 Auto Program 2 44–60 Auto Program 3 61–76 Auto Program 4 77–93 Auto Program 5 94–110 Auto Program 6 111–126 Auto Program 7 127–143 Auto Program 8 144–160 Auto Program 9 161–176 Auto Program 10 177–193 Auto Program 11 194–210 Auto Program 12 211–226 Auto Program 13 227–255 No Function
67	Effect Speed	0	
68	Effects1Fade	0	
69	Dimmer Mode	0	
70	Dimmer Curve	0	
71	L EDFrequency	0	