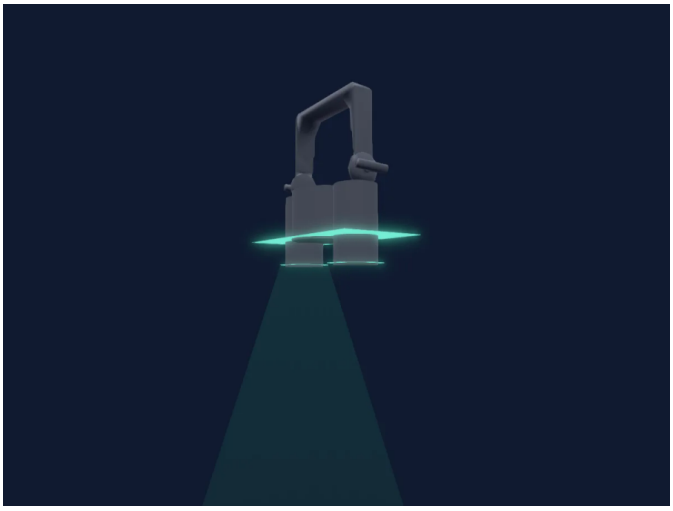
OGSON fixtures

ADJ Encore DBX



Manufacturer	**OGSON fixtures**
Type	**Effect light**
DMX modes	**26**
DMX footprint	**1, 2, 5, 8, 10, 11, 12, 13, 16, 18, 19, 21, 22, 24, 25, 26, 29, 31, 34,**
Beam angle	**25-50°**
Heads / cells	**3**
Size (W × H × D)	**420 × 236 × 210 mm**
GDTF fixture type	**522ACDBC-7C41-4197-B371-C9…**

Controls

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

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

1Ch	1 ch
2B Ch	1 ch
2A Ch	2 ch
4Ch	2 ch
5Ch	5 ch
8Ch	8 ch
10Ch	10 ch
11Ch	11 ch
12 Ch A	12 ch
12 Ch B	12 ch
13Ch	13 ch
16Ch	16 ch
18BCh	18 ch
18Ch	18 ch
19Ch	19 ch
21Ch	21 ch
22Ch	22 ch
24Ch	24 ch
25Ch	25 ch
26Ch	26 ch
29Ch	29 ch
31Ch	31 ch
34Ch	34 ch
35Ch	35 ch

40Ch	40 ch
41Ch	41 ch

1Ch

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

2B Ch

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

2A Ch

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

4Ch

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

5Ch

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	255	
5	White	255	

8Ch

8 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	255	
5	White	255	
6	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
7	Dimmer	0	0–254 Closed 255–255 Open

8Ch (continued)

Ch	Function	Default	DMX values
8	Dimmer Fine	0	Fine byte of Dimmer

10Ch

10 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
7	Green	255	0–63 0% 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
8	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
9	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
10	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

11Ch

11 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
7	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
8	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd

11Ch (continued)

Ch	Function	Default	DMX values
9	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 Macro 16 (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)

11Ch (continued)

Ch	Function	Default	DMX values
10	C TO	0	0–0 Off 1–255 2700K to 6500K
11	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–54 2700K (wheel slot 13) 55–109 3200K (wheel slot 18) 110–164 4000K (wheel slot 26) 165–219 5600K (wheel slot 42) 220–255 6500K (wheel slot 51)

12 Ch A

12 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
7	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
8	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd

12 Ch A (continued)

Ch	Function	Default	DMX values
9	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 Macro 16 (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)

12 Ch A (continued)

Ch	Function	Default	DMX values
10	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
11	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
12	Dimmer Fine	0	Fine byte of Dimmer

12 Ch B

12 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)

12 Ch B (continued)

Ch	Function	Default	DMX values
12	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

13Ch

13 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
7	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
8	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
9	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%

13Ch (continued)

Ch	Function	Default	DMX values
10	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
11	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
12	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
13	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd

16Ch

16 channels

Ch	Function	Default	DMX values
1	Red	0	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	0	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	0	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Color Add RY	0	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	White	0	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	

16Ch (continued)

Ch	Function	Default	DMX values
11	Red	0	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
12	Red Fine	0	Fine byte of Red
13	Green	0	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
14	Green Fine	0	Fine byte of Green
15	Blue	0	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
16	Blue Fine	0	Fine byte of Blue

18BCh

18 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
7	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%

18BCh (continued)

Ch	Function	Default	DMX values
8	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
9	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
10	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
11	Shutter / Strobe	50	0–31 Shutter Closed Cell 32–63 No Function (Shutter Open) Cell 64–95 Strobe Effect Slow to Fast Cell 96–127 No Function (Shutter Open) Cell 128–159 Pulse-Effect in Sequences Cell 160–191 No Function (Shutter Open) Cell 192–223 Random Strobe Effect Slow to Fast Cell 224–255 No Function (Shutter Open) Cell
12	Dimmer	0	0–62 0 % Cell 1 63–126 25 % Cell 1 127–190 50 % Cell 1 191–254 75 % Cell 1 255–255 100 % Cell 1
13	Dimmer	0	0–62 0 % Cell 2 63–126 25 % Cell 2 127–190 50 % Cell 2 191–254 75 % Cell 2 255–255 100 % Cell 2
14	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
15	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
16	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
17	Shutter / Strobe	50	0–31 Shutter Closed Background 32–63 No Function (Shutter Open) Background 64–95 Strobe Effect Slow to Fast Background 96–127 No Function (Shutter Open) Background 128–159 Pulse-Effect in Sequences Background 160–191 No Function (Shutter Open) Background 192–223 Random Strobe Effect Slow to Fast Background 224–255 No Function (Shutter Open) Background

18BCh (continued)

Ch	Function	Default	DMX values
18	Dimmer	0	0–62 0 % Background 63–126 25 % Background 127–190 50 % Background 191–254 75 % Background 255–255 100 % Background

18Ch

18 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	255	
5	White	255	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Red	255	
12	Green	255	
13	Blue	255	
14	C TO	0	0–0 Off 1–255 2700K to 6500K
15	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–54 2700K (wheel slot 13) 55–109 3200K (wheel slot 18) 110–164 4000K (wheel slot 26) 165–219 5600K (wheel slot 42) 220–255 6500K (wheel slot 51)
16	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
17	Dimmer	255	0–254 Closed 255–255 Open
18	Dimmer Fine	255	Fine byte of Dimmer

19Ch

19 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%

19Ch (continued)

Ch	Function	Default	DMX values
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 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 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
12	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
13	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd

19Ch (continued)

Ch	Function	Default	DMX values
14	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 Macro 16 (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)

19Ch (continued)

Ch	Function	Default	DMX values
15	C TO	0	0–0 Off 1–255 2700K to 6500K
16	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–54 2700K (wheel slot 13) 55–109 3200K (wheel slot 18) 110–164 4000K (wheel slot 26) 165–219 5600K (wheel slot 42) 220–255 6500K (wheel slot 51)
17	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
18	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
19	Dimmer Fine	0	Fine byte of Dimmer

21Ch

21 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	

21Ch (continued)

Ch	Function	Default	DMX values
11	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
12	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
13	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
14	C TO	0	0–0 Off 1–255 2700K to 6500K
15	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–54 2700K (wheel slot 13) 55–109 3200K (wheel slot 18) 110–164 4000K (wheel slot 26) 165–219 5600K (wheel slot 42) 220–255 6500K (wheel slot 51)
16	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
17	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
18	Dimmer Fine	0	Fine byte of Dimmer

21Ch (continued)

Ch	Function	Default	DMX values
19	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
20	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
21	Function	100	0–15 Default to Unit Setting 16–30 900HZ 31–45 1000HZ 46–60 1100HZ 61–75 1200HZ 76–90 1300HZ 91–105 1400HZ 106–120 1500HZ 121–135 2500HZ 136–150 4000HZ 151–165 5000HZ 166–180 6000HZ 181–195 10000KHZ 196–210 15000KHZ 211–225 20000KHZ 226–229 25000KHZ 230–233 Enable Bluetooth (Hold 3s) 234–238 Disable Bluetooth (Hold 3s) 239–243 Enable Pixel Flip (Hold 3s) 244–248 Disable Pixel Flip (Hold 3s) 249–255 No Function

22Ch

22 channels

Ch	Function	Default	DMX values

22Ch (continued)

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
7	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
8	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd

22Ch (continued)

Ch	Function	Default	DMX values
9	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 Macro 16 (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)

22Ch (continued)

Ch	Function	Default	DMX values
10	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–54 2700K (wheel slot 13) 55–109 3200K (wheel slot 18) 110–164 4000K (wheel slot 26) 165–219 5600K (wheel slot 42) 220–255 6500K (wheel slot 51)
11	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
12	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
13	Dimmer Fine	0	Fine byte of Dimmer
14	Effect	0	0–19 Off 20–50 Auto Program 1 51–80 Auto Program 2 81–110 Auto Program 3 111–140 Auto Program 4 141–170 Auto Program 5 171–200 Auto Program 6 201–230 Auto Program 7 231–255 Auto Program 0
15	Effect Speed	0	
16	Effects1Fade	0	
17	Effect	0	0–19 Off Background 20–50 Auto Program 1 Background 51–80 Auto Program 2 Background 81–110 Auto Program 3 Background 111–140 Auto Program 4 Background 141–170 Auto Program 5 Background 171–200 Auto Program 6 Background 201–230 Auto Program 7 Background 231–255 Auto Program 0 Background
18	Effect Speed	0	
19	Effects1Fade	0	

22Ch (continued)

Ch	Function	Default	DMX values
20	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
21	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
22	Function	100	0–15 Default to Unit Setting 16–30 900HZ 31–45 1000HZ 46–60 1100HZ 61–75 1200HZ 76–90 1300HZ 91–105 1400HZ 106–120 1500HZ 121–135 2500HZ 136–150 4000HZ 151–165 5000HZ 166–180 6000HZ 181–195 10000KHZ 196–210 15000KHZ 211–225 20000KHZ 226–229 25000KHZ 230–233 Enable Bluetooth (Hold 3s) 234–238 Disable Bluetooth (Hold 3s) 239–243 Enable Pixel Flip (Hold 3s) 244–248 Disable Pixel Flip (Hold 3s) 249–255 No Function

24Ch

24 channels

Ch	Function	Default	DMX values

24Ch (continued)

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
7	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
8	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
9	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
10	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
11	Shutter / Strobe	50	0–31 Shutter Closed Cell 32–63 No Function (Shutter Open) Cell 64–95 Strobe Effect Slow to Fast Cell 96–127 No Function (Shutter Open) Cell 128–159 Pulse-Effect in Sequences Cell 160–191 No Function (Shutter Open) Cell 192–223 Random Strobe Effect Slow to Fast Cell 224–255 No Function (Shutter Open) Cell

24Ch (continued)

Ch	Function	Default	DMX values
12	Dimmer	0	0–62 0 % Cell 1 63–126 25 % Cell 1 127–190 50 % Cell 1 191–254 75 % Cell 1 255–255 100 % Cell 1
13	Dimmer	0	0–62 0 % Cell 2 63–126 25 % Cell 2 127–190 50 % Cell 2 191–254 75 % Cell 2 255–255 100 % Cell 2
14	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
15	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
16	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
17	Shutter / Strobe	50	0–31 Shutter Closed Background 32–63 No Function (Shutter Open) Background 64–95 Strobe Effect Slow to Fast Background 96–127 No Function (Shutter Open) Background 128–159 Pulse-Effect in Sequences Background 160–191 No Function (Shutter Open) Background 192–223 Random Strobe Effect Slow to Fast Background 224–255 No Function (Shutter Open) Background
18	Dimmer	0	0–62 0 % Background 63–126 25 % Background 127–190 50 % Background 191–254 75 % Background 255–255 100 % Background

24Ch (continued)

Ch	Function	Default	DMX values
19	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 Macro 16 (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)

24Ch (continued)

Ch	Function	Default	DMX values
20	C TO	0	0–0 Off 1–255 2700K to 6500K
21	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–54 2700K (wheel slot 13) 55–109 3200K (wheel slot 18) 110–164 4000K (wheel slot 26) 165–219 5600K (wheel slot 42) 220–255 6500K (wheel slot 51)
22	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
23	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function

24Ch (continued)

Ch	Function	Default	DMX values
24	Function	100	0–15 Default to Unit Setting 16–30 900HZ 31–45 1000HZ 46–60 1100HZ 61–75 1200HZ 76–90 1300HZ 91–105 1400HZ 106–120 1500HZ 121–135 2500HZ 136–150 4000HZ 151–165 5000HZ 166–180 6000HZ 181–195 10000KHZ 196–210 15000KHZ 211–225 20000KHZ 226–229 25000KHZ 230–233 Enable Bluetooth (Hold 3s) 234–238 Disable Bluetooth (Hold 3s) 239–243 Enable Pixel Flip (Hold 3s) 244–248 Disable Pixel Flip (Hold 3s) 249–255 No Function

25Ch

25 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	

25Ch (continued)

Ch	Function	Default	DMX values
11	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
12	Red Fine	255	Fine byte of Red
13	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
14	Green Fine	255	Fine byte of Green
15	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
16	Blue Fine	255	Fine byte of Blue

25Ch (continued)

Ch	Function	Default	DMX values
17	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 Macro 16 (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)

25Ch (continued)

Ch	Function	Default	DMX values
18	C TO	0	0–0 Off 1–255 2700K to 6500K
19	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–54 2700K (wheel slot 13) 55–109 3200K (wheel slot 18) 110–164 4000K (wheel slot 26) 165–219 5600K (wheel slot 42) 220–255 6500K (wheel slot 51)
20	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
21	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
22	Dimmer Fine	0	Fine byte of Dimmer
23	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
24	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function

25Ch (continued)

Ch	Function	Default	DMX values
25	Function	100	0–15 Default to Unit Setting 16–30 900HZ 31–45 1000HZ 46–60 1100HZ 61–75 1200HZ 76–90 1300HZ 91–105 1400HZ 106–120 1500HZ 121–135 2500HZ 136–150 4000HZ 151–165 5000HZ 166–180 6000HZ 181–195 10000KHZ 196–210 15000KHZ 211–225 20000KHZ 226–229 25000KHZ 230–233 Enable Bluetooth (Hold 3s) 234–238 Disable Bluetooth (Hold 3s) 239–243 Enable Pixel Flip (Hold 3s) 244–248 Disable Pixel Flip (Hold 3s) 249–255 No Function

26Ch

26 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Red Fine	255	Fine byte of Red
3	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Green Fine	255	Fine byte of Green
5	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Blue Fine	255	Fine byte of Blue
7	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
8	Color Add RY Fine	255	Fine byte of Color Add RY
9	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
10	White Fine	255	Fine byte of White
11	Reserved 11	0	
12	Reserved 12	0	

26Ch (continued)

Ch	Function	Default	DMX values
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	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
22	Red Fine	255	Fine byte of Red
23	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
24	Green Fine	255	Fine byte of Green
25	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
26	Blue Fine	255	Fine byte of Blue

29Ch

29 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Red Fine	255	Fine byte of Red
3	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Green Fine	255	Fine byte of Green
5	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Blue Fine	255	Fine byte of Blue
7	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%

29Ch (continued)

Ch	Function	Default	DMX values
8	Color Add RY Fine	255	Fine byte of Color Add RY
9	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
10	White Fine	255	Fine byte of White
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	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
22	Red Fine	255	Fine byte of Red
23	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
24	Green Fine	255	Fine byte of Green
25	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
26	Blue Fine	255	Fine byte of Blue
27	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
28	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
29	Dimmer Fine	0	Fine byte of Dimmer

31Ch

31 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 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 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
12	Red Fine	255	Fine byte of Red
13	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
14	Green Fine	255	Fine byte of Green
15	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
16	Blue Fine	255	Fine byte of Blue

31Ch (continued)

Ch	Function	Default	DMX values
17	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 Macro 16 (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)

31Ch (continued)

Ch	Function	Default	DMX values
18	C TO	0	0–0 Off 1–255 2700K to 6500K
19	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–54 2700K (wheel slot 13) 55–109 3200K (wheel slot 18) 110–164 4000K (wheel slot 26) 165–219 5600K (wheel slot 42) 220–255 6500K (wheel slot 51)
20	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
21	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
22	Dimmer Fine	0	Fine byte of Dimmer
23	Effect	0	0–19 Off 20–50 Auto Program 1 51–80 Auto Program 2 81–110 Auto Program 3 111–140 Auto Program 4 141–170 Auto Program 5 171–200 Auto Program 6 201–230 Auto Program 7 231–255 Auto Program 0
24	Effect Speed	0	
25	Effects1Fade	0	
26	Effect	0	0–19 Off Background 20–50 Auto Program 1 Background 51–80 Auto Program 2 Background 81–110 Auto Program 3 Background 111–140 Auto Program 4 Background 141–170 Auto Program 5 Background 171–200 Auto Program 6 Background 201–230 Auto Program 7 Background 231–255 Auto Program 0 Background
27	Effect Speed	0	
28	Effects1Fade	0	

31Ch (continued)

Ch	Function	Default	DMX values
29	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
30	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
31	Function	100	0–15 Default to Unit Setting 16–30 900HZ 31–45 1000HZ 46–60 1100HZ 61–75 1200HZ 76–90 1300HZ 91–105 1400HZ 106–120 1500HZ 121–135 2500HZ 136–150 4000HZ 151–165 5000HZ 166–180 6000HZ 181–195 10000KHZ 196–210 15000KHZ 211–225 20000KHZ 226–229 25000KHZ 230–233 Enable Bluetooth (Hold 3s) 234–238 Disable Bluetooth (Hold 3s) 239–243 Enable Pixel Flip (Hold 3s) 244–248 Disable Pixel Flip (Hold 3s) 249–255 No Function

34Ch

34 channels

Ch	Function	Default	DMX values

34Ch (continued)

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Red Fine	255	Fine byte of Red
3	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Green Fine	255	Fine byte of Green
5	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Blue Fine	255	Fine byte of Blue
7	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
8	Color Add RY Fine	255	Fine byte of Color Add RY
9	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
10	White Fine	255	Fine byte of White
11	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
12	Red Fine	255	Fine byte of Red
13	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
14	Green Fine	255	Fine byte of Green
15	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
16	Blue Fine	255	Fine byte of Blue
17	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
18	Color Add RY Fine	255	Fine byte of Color Add RY

34Ch (continued)

Ch	Function	Default	DMX values
19	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
20	White Fine	255	Fine byte of White
21	Shutter / Strobe	50	0–31 Shutter Closed Cell 32–63 No Function (Shutter Open) Cell 64–95 Strobe Effect Slow to Fast Cell 96–127 No Function (Shutter Open) Cell 128–159 Pulse-Effect in Sequences Cell 160–191 No Function (Shutter Open) Cell 192–223 Random Strobe Effect Slow to Fast Cell 224–255 No Function (Shutter Open) Cell
22	Dimmer	0	0–62 0 % Cell 1 63–126 25 % Cell 1 127–190 50 % Cell 1 191–254 75 % Cell 1 255–255 100 % Cell 1
23	Dimmer Fine	0	Fine byte of Dimmer
24	Dimmer	0	0–62 0 % Cell 2 63–126 25 % Cell 2 127–190 50 % Cell 2 191–254 75 % Cell 2 255–255 100 % Cell 2
25	Dimmer Fine	0	Fine byte of Dimmer
26	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
27	Red Fine	255	Fine byte of Red
28	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
29	Green Fine	255	Fine byte of Green
30	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
31	Blue Fine	255	Fine byte of Blue
32	Shutter / Strobe	50	0–31 Shutter Closed Background 32–63 No Function (Shutter Open) Background 64–95 Strobe Effect Slow to Fast Background 96–127 No Function (Shutter Open) Background 128–159 Pulse-Effect in Sequences Background 160–191 No Function (Shutter Open) Background 192–223 Random Strobe Effect Slow to Fast Background 224–255 No Function (Shutter Open) Background
33	Dimmer	0	0–62 0 % Background 63–126 25 % Background 127–190 50 % Background 191–254 75 % Background 255–255 100 % Background

34Ch (continued)

Ch	Function	Default	DMX values
34	Dimmer Fine	0	Fine byte of Dimmer

35Ch

35 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Red Fine	255	Fine byte of Red
3	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Green Fine	255	Fine byte of Green
5	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Blue Fine	255	Fine byte of Blue
7	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
8	Color Add RY Fine	255	Fine byte of Color Add RY
9	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
10	White Fine	255	Fine byte of White
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	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
22	Red Fine	255	Fine byte of Red

35Ch (continued)

Ch	Function	Default	DMX values
23	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
24	Green Fine	255	Fine byte of Green
25	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
26	Blue Fine	255	Fine byte of Blue

35Ch (continued)

Ch	Function	Default	DMX values
27	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 Macro 16 (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)

35Ch (continued)

Ch	Function	Default	DMX values
28	C TO	0	0–0 Off 1–255 2700K to 6500K
29	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–54 2700K (wheel slot 13) 55–109 3200K (wheel slot 18) 110–164 4000K (wheel slot 26) 165–219 5600K (wheel slot 42) 220–255 6500K (wheel slot 51)
30	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
31	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
32	Dimmer Fine	0	Fine byte of Dimmer
33	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
34	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function

35Ch (continued)

Ch	Function	Default	DMX values
35	Function	100	0–15 Default to Unit Setting 16–30 900HZ 31–45 1000HZ 46–60 1100HZ 61–75 1200HZ 76–90 1300HZ 91–105 1400HZ 106–120 1500HZ 121–135 2500HZ 136–150 4000HZ 151–165 5000HZ 166–180 6000HZ 181–195 10000KHZ 196–210 15000KHZ 211–225 20000KHZ 226–229 25000KHZ 230–233 Enable Bluetooth (Hold 3s) 234–238 Disable Bluetooth (Hold 3s) 239–243 Enable Pixel Flip (Hold 3s) 244–248 Disable Pixel Flip (Hold 3s) 249–255 No Function

40Ch

40 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Red Fine	255	Fine byte of Red
3	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Green Fine	255	Fine byte of Green
5	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Blue Fine	255	Fine byte of Blue
7	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
8	Color Add RY Fine	255	Fine byte of Color Add RY
9	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
10	White Fine	255	Fine byte of White

40Ch (continued)

Ch	Function	Default	DMX values
11	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
12	Red Fine	255	Fine byte of Red
13	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
14	Green Fine	255	Fine byte of Green
15	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
16	Blue Fine	255	Fine byte of Blue
17	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
18	Color Add RY Fine	255	Fine byte of Color Add RY
19	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
20	White Fine	255	Fine byte of White
21	Shutter / Strobe	50	0–31 Shutter Closed Cell 32–63 No Function (Shutter Open) Cell 64–95 Strobe Effect Slow to Fast Cell 96–127 No Function (Shutter Open) Cell 128–159 Pulse-Effect in Sequences Cell 160–191 No Function (Shutter Open) Cell 192–223 Random Strobe Effect Slow to Fast Cell 224–255 No Function (Shutter Open) Cell
22	Dimmer	0	0–62 0 % Cell 1 63–126 25 % Cell 1 127–190 50 % Cell 1 191–254 75 % Cell 1 255–255 100 % Cell 1
23	Dimmer Fine	0	Fine byte of Dimmer
24	Dimmer	0	0–62 0 % Cell 2 63–126 25 % Cell 2 127–190 50 % Cell 2 191–254 75 % Cell 2 255–255 100 % Cell 2
25	Dimmer Fine	0	Fine byte of Dimmer
26	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
27	Red Fine	255	Fine byte of Red

40Ch (continued)

Ch	Function	Default	DMX values
28	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
29	Green Fine	255	Fine byte of Green
30	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
31	Blue Fine	255	Fine byte of Blue
32	Shutter / Strobe	50	0–31 Shutter Closed Background 32–63 No Function (Shutter Open) Background 64–95 Strobe Effect Slow to Fast Background 96–127 No Function (Shutter Open) Background 128–159 Pulse-Effect in Sequences Background 160–191 No Function (Shutter Open) Background 192–223 Random Strobe Effect Slow to Fast Background 224–255 No Function (Shutter Open) Background
33	Dimmer	0	0–62 0 % Background 63–126 25 % Background 127–190 50 % Background 191–254 75 % Background 255–255 100 % Background
34	Dimmer Fine	0	Fine byte of Dimmer

40Ch (continued)

Ch	Function	Default	DMX values
35	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 Macro 16 (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)

40Ch (continued)

Ch	Function	Default	DMX values
36	C TO	0	0–0 Off 1–255 2700K to 6500K
37	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–54 2700K (wheel slot 13) 55–109 3200K (wheel slot 18) 110–164 4000K (wheel slot 26) 165–219 5600K (wheel slot 42) 220–255 6500K (wheel slot 51)
38	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
39	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function

40Ch (continued)

Ch	Function	Default	DMX values
40	Function	100	0–15 Default to Unit Setting 16–30 900HZ 31–45 1000HZ 46–60 1100HZ 61–75 1200HZ 76–90 1300HZ 91–105 1400HZ 106–120 1500HZ 121–135 2500HZ 136–150 4000HZ 151–165 5000HZ 166–180 6000HZ 181–195 10000KHZ 196–210 15000KHZ 211–225 20000KHZ 226–229 25000KHZ 230–233 Enable Bluetooth (Hold 3s) 234–238 Disable Bluetooth (Hold 3s) 239–243 Enable Pixel Flip (Hold 3s) 244–248 Disable Pixel Flip (Hold 3s) 249–255 No Function

41Ch

41 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Red Fine	255	Fine byte of Red
3	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Green Fine	255	Fine byte of Green
5	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Blue Fine	255	Fine byte of Blue
7	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
8	Color Add RY Fine	255	Fine byte of Color Add RY
9	White	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
10	White Fine	255	Fine byte of White
11	Reserved 11	0	
12	Reserved 12	0	

41Ch (continued)

Ch	Function	Default	DMX values
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	Red	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
22	Red Fine	255	Fine byte of Red
23	Green	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
24	Green Fine	255	Fine byte of Green
25	Blue	255	0–63 0% Bkgrd 64–127 25% Bkgrd 128–190 50% Bkgrd 191–254 75% Bkgrd 255–255 100% Bkgrd
26	Blue Fine	255	Fine byte of Blue

41Ch (continued)

Ch	Function	Default	DMX values
27	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 Macro 16 (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
28	C TO	0	0–0 Off 1–255 2700K to 6500K
29	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–54 2700K (wheel slot 13) 55–109 3200K (wheel slot 18) 110–164 4000K (wheel slot 26) 165–219 5600K (wheel slot 42) 220–255 6500K (wheel slot 51)
30	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
31	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
32	Dimmer Fine	0	Fine byte of Dimmer
33	Effect	0	0–19 Off 20–50 Auto Program 1 51–80 Auto Program 2 81–110 Auto Program 3 111–140 Auto Program 4 141–170 Auto Program 5 171–200 Auto Program 6 201–230 Auto Program 7 231–255 Auto Program 0
34	Effect Speed	0	
35	Effects1Fade	0	
36	Effect	0	0–19 Off Background 20–50 Auto Program 1 Background 51–80 Auto Program 2 Background 81–110 Auto Program 3 Background 111–140 Auto Program 4 Background 141–170 Auto Program 5 Background 171–200 Auto Program 6 Background 201–230 Auto Program 7 Background 231–255 Auto Program 0 Background
37	Effect Speed	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	Function	100	0–15 Default to Unit Setting 16–30 900HZ 31–45 1000HZ 46–60 1100HZ 61–75 1200HZ 76–90 1300HZ 91–105 1400HZ 106–120 1500HZ 121–135 2500HZ 136–150 4000HZ 151–165 5000HZ 166–180 6000HZ 181–195 10000KHZ 196–210 15000KHZ 211–225 20000KHZ 226–229 25000KHZ 230–233 Enable Bluetooth (Hold 3s) 234–238 Disable Bluetooth (Hold 3s) 239–243 Enable Pixel Flip (Hold 3s) 244–248 Disable Pixel Flip (Hold 3s) 249–255 No Function