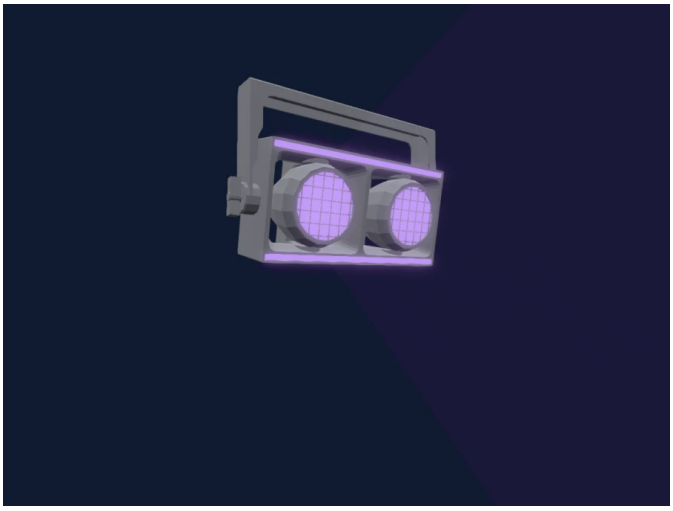
Leding

D-Bolt W



Manufacturer	**Leding**
Type	**PAR**
DMX modes	**13**
DMX footprint	**1, 2, 4, 5, 8, 11, 14, 16, 32, 34, 41, 43 channels**
Beam angle	**45.003586°**
Size (W × H × D)	**492 × 424 × 226 mm**
GDTF fixture type	**728CF24C-E14C-6A6A-4256-56…**

Controls

Extra LED colours · Strobe · Dimmer

DMX modes

1CH	1 ch
2CH	2 ch
4CH	4 ch
5CH	5 ch
8CH	8 ch
P8CH	8 ch
11CH	11 ch
14CH	14 ch
P16CH	16 ch
P32CH	32 ch
P34CH	34 ch
P41CH	41 ch
P43CH	43 ch

1CH

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open

2CH

2 channels

Ch	Function	Default	DMX values
1	Dimmer	255	0–254 closed 255–255 open
2	Dimmer	255	0–254 closed 255–255 open

4CH

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Dimmer Curve	0	0–51 From Menu 52–101 Linear 102–152 Square Law 153–203 Inverse Square Law 204–255 S-Curve
3	Dimmer Speed	0	0–42 From Menu 43–84 Speed 1 85–126 Speed 2 127–168 Speed 3 169–210 Speed 4 211–255 Halogen
4	Red Shift	0	0–84 From Menu 85–170 Redshift Off 171–255 Redshift On

5CH

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open

5CH (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	24	0–19 closed 20–24 open 25–64 Strobe 65–69 open 70–84 Pulse Open 85–89 open 90–104 Pulse Close 105–109 open 110–124 Random 125–129 open 130–144 Random Pulse Open 145–149 open 150–164 Random Pulse Close 165–169 open 170–184 Burst Pulse 185–189 open 190–204 Random Burst 205–209 open 210–224 Shutter1Strobe 2 · Sine Wave 225–229 open 230–244 Shutter1Strobe 2 · Burst 245–255 open
3	Strobe Duration	0	0–254 mim 255–255 max
4	Dimmer	255	0–254 closed 255–255 open
5	Dimmer	255	0–254 closed 255–255 open

8CH

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Shutter / Strobe	24	0–19 closed 20–24 open 25–64 Strobe 65–69 open 70–84 Pulse Open 85–89 open 90–104 Pulse Close 105–109 open 110–124 Random 125–129 open 130–144 Random Pulse Open 145–149 open 150–164 Random Pulse Close 165–169 open 170–184 Burst Pulse 185–189 open 190–204 Random Burst 205–209 open 210–224 Shutter1Strobe 2 · Sine Wave 225–229 open 230–244 Shutter1Strobe 2 · Burst 245–255 open
3	Strobe Duration	0	0–254 mim 255–255 max

8CH (continued)

Ch	Function	Default	DMX values
4	Dimmer	255	0–254 closed 255–255 open
5	Dimmer	255	0–254 closed 255–255 open
6	Dimmer Curve	0	0–51 From Menu 52–101 Linear 102–152 Square Law 153–203 Inverse Square Law 204–255 S-Curve
7	Dimmer Speed	0	0–42 From Menu 43–84 Speed 1 85–126 Speed 2 127–168 Speed 3 169–210 Speed 4 211–255 Halogen
8	Red Shift	0	0–84 From Menu 85–170 Redshift Off 171–255 Redshift On

P8CH

8 channels

Ch	Function	Default	DMX values
1	Color Add CW	255	0–254 mim 255–255 max
2	Color Add WW	255	0–254 mim 255–255 max
3	Color Add CW	255	0–254 mim 255–255 max
4	Color Add WW	255	0–254 mim 255–255 max
5	Color Add CW	255	0–254 mim 255–255 max
6	Color Add WW	255	0–254 mim 255–255 max
7	Color Add CW	255	0–254 mim 255–255 max
8	Color Add WW	255	0–254 mim 255–255 max

11CH

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open

11CH (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	24	0–19 closed 20–24 open 25–64 Strobe 65–69 open 70–84 Pulse Open 85–89 open 90–104 Pulse Close 105–109 open 110–124 Random 125–129 open 130–144 Random Pulse Open 145–149 open 150–164 Random Pulse Close 165–169 open 170–184 Burst Pulse 185–189 open 190–204 Random Burst 205–209 open 210–224 Shutter1Strobe 2 · Sine Wave 225–229 open 230–244 Shutter1Strobe 2 · Burst 245–255 open
3	Strobe Duration	0	0–254 mim 255–255 max
4	Dimmer	255	0–254 closed 255–255 open
5	Dimmer	255	0–254 closed 255–255 open
6	Dimmer Curve	0	0–51 From Menu 52–101 Linear 102–152 Square Law 153–203 Inverse Square Law 204–255 S-Curve
7	Dimmer Speed	0	0–42 From Menu 43–84 Speed 1 85–126 Speed 2 127–168 Speed 3 169–210 Speed 4 211–255 Halogen
8	Red Shift	0	0–84 From Menu 85–170 Redshift Off 171–255 Redshift On
9	A UTOPROGRAM	0	0–20 No Function 21–45 Auto 1 46–71 Auto 2 72–97 Auto 3 98–123 Auto 4 124–149 Auto 5 150–175 Auto 6 176–201 Auto 7 202–227 Auto 8 228–253 Auto 9 254–255 Auto 10

11CH (continued)

Ch	Function	Default	DMX values
10	A UTOSPEED	0	0–20 No Function 21–27 Auto Speed 1 28–55 Auto Speed 2 56–83 Auto Speed 3 84–111 Auto Speed 4 112–139 Auto Speed 5 140–167 Auto Speed 6 168–195 Auto Speed 7 196–223 Auto Speed 8 224–251 Auto Speed 9 252–255 Auto Speed 10
11	Control1	0	0–14 No Function 15–19 1 Khz 20–24 2 Khz 25–29 3 Khz 30–34 4 Khz 35–39 5 Khz 40–44 6 Khz 45–49 7 Khz 50–54 8 Khz 55–59 9 Khz 60–64 10 Khz 65–69 11 Khz 70–74 12 Khz 75–79 13 Khz 80–84 14 Khz 85–89 15 Khz 90–94 16 Khz 95–99 17 Khz 100–109 18 Khz 110–114 Fan Auto 115–119 Fan Silent 120–124 Fan Max Power 125–134 Fan off 135–139 Key lock off 140–174 Key lock on 175–179 Display Flip On 180–189 Display Flip Off 190–194 Display Back Light On 195–254 Display Back Light 30sec 255–255 Key lock off

14CH

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Dimmer Fine	0	Fine byte of Dimmer

14CH (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	24	0–19 closed 20–24 open 25–64 Strobe 65–69 open 70–84 Pulse Open 85–89 open 90–104 Pulse Close 105–109 open 110–124 Random 125–129 open 130–144 Random Pulse Open 145–149 open 150–164 Random Pulse Close 165–169 open 170–184 Burst Pulse 185–189 open 190–204 Random Burst 205–209 open 210–224 Shutter1Strobe 2 · Sine Wave 225–229 open 230–244 Shutter1Strobe 2 · Burst 245–255 open
4	Strobe Duration	0	0–254 mim 255–255 max
5	Dimmer	255	0–254 closed 255–255 open
6	Dimmer Fine	255	Fine byte of Dimmer
7	Dimmer	255	0–254 closed 255–255 open
8	Dimmer Fine	255	Fine byte of Dimmer
9	Dimmer Curve	0	0–51 From Menu 52–101 Linear 102–152 Square Law 153–203 Inverse Square Law 204–255 S-Curve
10	Dimmer Speed	0	0–42 From Menu 43–84 Speed 1 85–126 Speed 2 127–168 Speed 3 169–210 Speed 4 211–255 Halogen
11	Red Shift	0	0–84 From Menu 85–170 Redshift Off 171–255 Redshift On
12	A UTOPROGRAM	0	0–20 No Function 21–45 Auto 1 46–71 Auto 2 72–97 Auto 3 98–123 Auto 4 124–149 Auto 5 150–175 Auto 6 176–201 Auto 7 202–227 Auto 8 228–253 Auto 9 254–255 Auto 10

14CH (continued)

Ch	Function	Default	DMX values
13	A UTOSPEED	0	0–20 No Function 21–27 Auto Speed 1 28–55 Auto Speed 2 56–83 Auto Speed 3 84–111 Auto Speed 4 112–139 Auto Speed 5 140–167 Auto Speed 6 168–195 Auto Speed 7 196–223 Auto Speed 8 224–251 Auto Speed 9 252–255 Auto Speed 10
14	Control1	0	0–14 No Function 15–19 1 Khz 20–24 2 Khz 25–29 3 Khz 30–34 4 Khz 35–39 5 Khz 40–44 6 Khz 45–49 7 Khz 50–54 8 Khz 55–59 9 Khz 60–64 10 Khz 65–69 11 Khz 70–74 12 Khz 75–79 13 Khz 80–84 14 Khz 85–89 15 Khz 90–94 16 Khz 95–99 17 Khz 100–109 18 Khz 110–114 Fan Auto 115–119 Fan Silent 120–124 Fan Max Power 125–134 Fan off 135–139 Key lock off 140–174 Key lock on 175–179 Display Flip On 180–189 Display Flip Off 190–194 Display Back Light On 195–254 Display Back Light 30sec 255–255 Key lock off

P16CH

16 channels

Ch	Function	Default	DMX values
1	Color Add CW	255	0–254 mim 255–255 max
2	Color Add WW	255	0–254 mim 255–255 max
3	Color Add CW	255	0–254 mim 255–255 max
4	Color Add WW	255	0–254 mim 255–255 max
5	Color Add CW	255	0–254 mim 255–255 max
6	Color Add WW	255	0–254 mim 255–255 max
7	Color Add CW	255	0–254 mim 255–255 max

P16CH (continued)

Ch	Function	Default	DMX values
8	Color Add WW	255	0–254 mim 255–255 max
9	Color Add CW	255	0–254 mim 255–255 max
10	Color Add WW	255	0–254 mim 255–255 max
11	Color Add CW	255	0–254 mim 255–255 max
12	Color Add WW	255	0–254 mim 255–255 max
13	Color Add CW	255	0–254 mim 255–255 max
14	Color Add WW	255	0–254 mim 255–255 max
15	Color Add CW	255	0–254 mim 255–255 max
16	Color Add WW	255	0–254 mim 255–255 max

P32CH

32 channels

Ch	Function	Default	DMX values
1	Color Add CW	255	0–254 mim 255–255 max
2	Color Add WW	255	0–254 mim 255–255 max
3	Color Add CW	255	0–254 mim 255–255 max
4	Color Add WW	255	0–254 mim 255–255 max
5	Color Add CW	255	0–254 mim 255–255 max
6	Color Add WW	255	0–254 mim 255–255 max
7	Color Add CW	255	0–254 mim 255–255 max
8	Color Add WW	255	0–254 mim 255–255 max
9	Color Add CW	255	0–254 mim 255–255 max
10	Color Add WW	255	0–254 mim 255–255 max
11	Color Add CW	255	0–254 mim 255–255 max
12	Color Add WW	255	0–254 mim 255–255 max
13	Color Add CW	255	0–254 mim 255–255 max
14	Color Add WW	255	0–254 mim 255–255 max
15	Color Add CW	255	0–254 mim 255–255 max

P32CH (continued)

Ch	Function	Default	DMX values
16	Color Add WW	255	0–254 mim 255–255 max
17	Color Add CW	255	0–254 mim 255–255 max
18	Color Add WW	255	0–254 mim 255–255 max
19	Color Add CW	255	0–254 mim 255–255 max
20	Color Add WW	255	0–254 mim 255–255 max
21	Color Add CW	255	0–254 mim 255–255 max
22	Color Add WW	255	0–254 mim 255–255 max
23	Color Add CW	255	0–254 mim 255–255 max
24	Color Add WW	255	0–254 mim 255–255 max
25	Color Add CW	255	0–254 mim 255–255 max
26	Color Add WW	255	0–254 mim 255–255 max
27	Color Add CW	255	0–254 mim 255–255 max
28	Color Add WW	255	0–254 mim 255–255 max
29	Color Add CW	255	0–254 mim 255–255 max
30	Color Add WW	255	0–254 mim 255–255 max
31	Color Add CW	255	0–254 mim 255–255 max
32	Color Add WW	255	0–254 mim 255–255 max

P34CH

34 channels

Ch	Function	Default	DMX values
1	Dimmer	255	0–254 closed 255–255 open
2	Dimmer	255	0–254 closed 255–255 open
3	Color Add CW	255	0–254 mim 255–255 max
4	Color Add WW	255	0–254 mim 255–255 max
5	Color Add CW	255	0–254 mim 255–255 max
6	Color Add WW	255	0–254 mim 255–255 max
7	Color Add CW	255	0–254 mim 255–255 max

P34CH (continued)

Ch	Function	Default	DMX values
8	Color Add WW	255	0–254 mim 255–255 max
9	Color Add CW	255	0–254 mim 255–255 max
10	Color Add WW	255	0–254 mim 255–255 max
11	Color Add CW	255	0–254 mim 255–255 max
12	Color Add WW	255	0–254 mim 255–255 max
13	Color Add CW	255	0–254 mim 255–255 max
14	Color Add WW	255	0–254 mim 255–255 max
15	Color Add CW	255	0–254 mim 255–255 max
16	Color Add WW	255	0–254 mim 255–255 max
17	Color Add CW	255	0–254 mim 255–255 max
18	Color Add WW	255	0–254 mim 255–255 max
19	Color Add CW	255	0–254 mim 255–255 max
20	Color Add WW	255	0–254 mim 255–255 max
21	Color Add CW	255	0–254 mim 255–255 max
22	Color Add WW	255	0–254 mim 255–255 max
23	Color Add CW	255	0–254 mim 255–255 max
24	Color Add WW	255	0–254 mim 255–255 max
25	Color Add CW	255	0–254 mim 255–255 max
26	Color Add WW	255	0–254 mim 255–255 max
27	Color Add CW	255	0–254 mim 255–255 max
28	Color Add WW	255	0–254 mim 255–255 max
29	Color Add CW	255	0–254 mim 255–255 max
30	Color Add WW	255	0–254 mim 255–255 max
31	Color Add CW	255	0–254 mim 255–255 max
32	Color Add WW	255	0–254 mim 255–255 max
33	Color Add CW	255	0–254 mim 255–255 max

P34CH (continued)

Ch	Function	Default	DMX values
34	Color Add WW	255	0–254 mim 255–255 max

P41CH

41 channels

Ch	Function	Default	DMX values
1	Dimmer	255	0–254 closed 255–255 open
2	Shutter / Strobe	24	0–19 closed 20–24 open 25–64 Strobe 65–69 open 70–84 Pulse Open 85–89 open 90–104 Pulse Close 105–109 open 110–124 Random 125–129 open 130–144 Random Pulse Open 145–149 open 150–164 Random Pulse Close 165–169 open 170–184 Burst Pulse 185–189 open 190–204 Random Burst 205–209 open 210–224 Shutter1Strobe 2 · Sine Wave 225–229 open 230–244 Shutter1Strobe 2 · Burst 245–255 open
3	Strobe Duration	0	0–254 mim 255–255 max
4	Dimmer Curve	0	0–51 From Menu 52–101 Linear 102–152 Square Law 153–203 Inverse Square Law 204–255 S-Curve
5	Dimmer Speed	0	0–42 From Menu 43–84 Speed 1 85–126 Speed 2 127–168 Speed 3 169–210 Speed 4 211–255 Halogen
6	Red Shift	0	0–84 From Menu 85–170 Redshift Off 171–255 Redshift On
7	Dimmer	255	0–254 closed 255–255 open
8	Dimmer	255	0–254 closed 255–255 open
9	Color Add CW	255	0–254 mim 255–255 max
10	Color Add WW	255	0–254 mim 255–255 max
11	Color Add CW	255	0–254 mim 255–255 max

P41CH (continued)

Ch	Function	Default	DMX values
12	Color Add WW	255	0–254 mim 255–255 max
13	Color Add CW	255	0–254 mim 255–255 max
14	Color Add WW	255	0–254 mim 255–255 max
15	Color Add CW	255	0–254 mim 255–255 max
16	Color Add WW	255	0–254 mim 255–255 max
17	Color Add CW	255	0–254 mim 255–255 max
18	Color Add WW	255	0–254 mim 255–255 max
19	Color Add CW	255	0–254 mim 255–255 max
20	Color Add WW	255	0–254 mim 255–255 max
21	Color Add CW	255	0–254 mim 255–255 max
22	Color Add WW	255	0–254 mim 255–255 max
23	Color Add CW	255	0–254 mim 255–255 max
24	Color Add WW	255	0–254 mim 255–255 max
25	Color Add CW	255	0–254 mim 255–255 max
26	Color Add WW	255	0–254 mim 255–255 max
27	Color Add CW	255	0–254 mim 255–255 max
28	Color Add WW	255	0–254 mim 255–255 max
29	Color Add CW	255	0–254 mim 255–255 max
30	Color Add WW	255	0–254 mim 255–255 max
31	Color Add CW	255	0–254 mim 255–255 max
32	Color Add WW	255	0–254 mim 255–255 max
33	Color Add CW	255	0–254 mim 255–255 max
34	Color Add WW	255	0–254 mim 255–255 max
35	Color Add CW	255	0–254 mim 255–255 max
36	Color Add WW	255	0–254 mim 255–255 max
37	Color Add CW	255	0–254 mim 255–255 max

P41CH (continued)

Ch	Function	Default	DMX values
38	Color Add WW	255	0–254 mim 255–255 max
39	Color Add CW	255	0–254 mim 255–255 max
40	Color Add WW	255	0–254 mim 255–255 max
41	Control1	0	0–14 No Function 15–19 1 Khz 20–24 2 Khz 25–29 3 Khz 30–34 4 Khz 35–39 5 Khz 40–44 6 Khz 45–49 7 Khz 50–54 8 Khz 55–59 9 Khz 60–64 10 Khz 65–69 11 Khz 70–74 12 Khz 75–79 13 Khz 80–84 14 Khz 85–89 15 Khz 90–94 16 Khz 95–99 17 Khz 100–109 18 Khz 110–114 Fan Auto 115–119 Fan Silent 120–124 Fan Max Power 125–134 Fan off 135–139 Key lock off 140–174 Key lock on 175–179 Display Flip On 180–189 Display Flip Off 190–194 Display Back Light On 195–254 Display Back Light 30sec 255–255 Key lock off

P43CH

43 channels

Ch	Function	Default	DMX values
1	Dimmer	255	0–254 closed 255–255 open

P43CH (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	24	0–19 closed 20–24 open 25–64 Strobe 65–69 open 70–84 Pulse Open 85–89 open 90–104 Pulse Close 105–109 open 110–124 Random 125–129 open 130–144 Random Pulse Open 145–149 open 150–164 Random Pulse Close 165–169 open 170–184 Burst Pulse 185–189 open 190–204 Random Burst 205–209 open 210–224 Shutter1Strobe 2 · Sine Wave 225–229 open 230–244 Shutter1Strobe 2 · Burst 245–255 open
3	Strobe Duration	0	0–254 mim 255–255 max
4	Dimmer Curve	0	0–51 From Menu 52–101 Linear 102–152 Square Law 153–203 Inverse Square Law 204–255 S-Curve
5	Dimmer Speed	0	0–42 From Menu 43–84 Speed 1 85–126 Speed 2 127–168 Speed 3 169–210 Speed 4 211–255 Halogen
6	Red Shift	0	0–84 From Menu 85–170 Redshift Off 171–255 Redshift On
7	Dimmer	255	0–254 closed 255–255 open
8	Dimmer	255	0–254 closed 255–255 open
9	Color Add CW	255	0–254 mim 255–255 max
10	Color Add WW	255	0–254 mim 255–255 max
11	Color Add CW	255	0–254 mim 255–255 max
12	Color Add WW	255	0–254 mim 255–255 max
13	Color Add CW	255	0–254 mim 255–255 max
14	Color Add WW	255	0–254 mim 255–255 max
15	Color Add CW	255	0–254 mim 255–255 max

P43CH (continued)

Ch	Function	Default	DMX values
16	Color Add WW	255	0–254 mim 255–255 max
17	Color Add CW	255	0–254 mim 255–255 max
18	Color Add WW	255	0–254 mim 255–255 max
19	Color Add CW	255	0–254 mim 255–255 max
20	Color Add WW	255	0–254 mim 255–255 max
21	Color Add CW	255	0–254 mim 255–255 max
22	Color Add WW	255	0–254 mim 255–255 max
23	Color Add CW	255	0–254 mim 255–255 max
24	Color Add WW	255	0–254 mim 255–255 max
25	Color Add CW	255	0–254 mim 255–255 max
26	Color Add WW	255	0–254 mim 255–255 max
27	Color Add CW	255	0–254 mim 255–255 max
28	Color Add WW	255	0–254 mim 255–255 max
29	Color Add CW	255	0–254 mim 255–255 max
30	Color Add WW	255	0–254 mim 255–255 max
31	Color Add CW	255	0–254 mim 255–255 max
32	Color Add WW	255	0–254 mim 255–255 max
33	Color Add CW	255	0–254 mim 255–255 max
34	Color Add WW	255	0–254 mim 255–255 max
35	Color Add CW	255	0–254 mim 255–255 max
36	Color Add WW	255	0–254 mim 255–255 max
37	Color Add CW	255	0–254 mim 255–255 max
38	Color Add WW	255	0–254 mim 255–255 max
39	Color Add CW	255	0–254 mim 255–255 max
40	Color Add WW	255	0–254 mim 255–255 max

P43CH (continued)

Ch	Function	Default	DMX values
41	A UTOPROGRAM	0	0–20 No Function 21–45 Auto 1 46–71 Auto 2 72–97 Auto 3 98–123 Auto 4 124–149 Auto 5 150–175 Auto 6 176–201 Auto 7 202–227 Auto 8 228–253 Auto 9 254–255 Auto 10
42	A UTOSPEED	0	0–20 No Function 21–27 Auto Speed 1 28–55 Auto Speed 2 56–83 Auto Speed 3 84–111 Auto Speed 4 112–139 Auto Speed 5 140–167 Auto Speed 6 168–195 Auto Speed 7 196–223 Auto Speed 8 224–251 Auto Speed 9 252–255 Auto Speed 10
43	Control1	0	0–14 No Function 15–19 1 Khz 20–24 2 Khz 25–29 3 Khz 30–34 4 Khz 35–39 5 Khz 40–44 6 Khz 45–49 7 Khz 50–54 8 Khz 55–59 9 Khz 60–64 10 Khz 65–69 11 Khz 70–74 12 Khz 75–79 13 Khz 80–84 14 Khz 85–89 15 Khz 90–94 16 Khz 95–99 17 Khz 100–109 18 Khz 110–114 Fan Auto 115–119 Fan Silent 120–124 Fan Max Power 125–134 Fan off 135–139 Key lock off 140–174 Key lock on 175–179 Display Flip On 180–189 Display Flip Off 190–194 Display Back Light On 195–254 Display Back Light 30sec 255–255 Key lock off