Pro Lux

PRO LUX LED 1950 MAGIC



Manufacturer	**Pro Lux**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**26, 50 channels**
Beam angle	**3-50°**
Pan range	**542.12°**
Tilt range	**271.05°**
Heads / cells	**5**
Size (W × H × D)	**348 × 257 × 348 mm**
GDTF fixture type	**620A19E7-6EDA-4EF8-991A-1E…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Haze or smoke output · Fixture reset · Service functions

DMX modes

26ch	26 ch
50ch v1	50 ch
50ch v2	50 ch

26ch

26 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	
6	Pan Rotate	0	0–63 Stop by SpinOut 64–127 Stop by ShortCut 128–188 CW max 189–189 CW min 190–193 Pause 194–254 CCW min 255–255 CCW max
7	Tilt Rotate	0	0–63 Stop by SpinOut 64–127 Stop by ShortCut 128–188 CW max 189–189 CW min 190–193 Pause 194–254 CCW min 255–255 CCW max
8	Red	232	
9	Red Fine	136	Fine byte of Red
10	Green	245	
11	Green Fine	252	Fine byte of Green
12	Blue	82	
13	Blue Fine	82	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Shutter / Strobe	32	0–31 Closed 32–63 open 64–94 ShutterStrobe · min 0.5–24.2 Hz 95–95 ShutterStrobe · max 25 Hz 118–127 open 128–158 ShutterPulse · min 0.5–24.2 Hz 159–159 ShutterPulse · max 25 Hz 181–191 open 192–222 ShutterRandom · min 0.5–24.2 Hz 223–223 ShutterRandom · max 25 Hz 246–255 open
17	Dimmer	0	
18	Dimmer Fine	0	Fine byte of Dimmer
19	C TC	0	0–21 No Fonction 22–42 8000K 43–63 7500K 64–84 7000K 85–105 6500K 106–126 6000K 127–147 5500K 148–168 5000K 169–189 4500K 190–210 4000K 211–231 3500K 232–255 2700K

26ch (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–2 Open (wheel slot 1) 3–3 LAVENDER TINT (wheel slot 2) 4–6 MEDIUM BASTARD AMBER (wheel slot 3) 7–7 PALE YELLOW (wheel slot 4) 8–8 DARK SALMON (wheel slot 5) 9–9 PALE AMBER GOLD (wheel slot 6) 10–12 MEDIUM YELLOW (wheel slot 7) 13–14 STRAW TINT (wheel slot 8) 15–16 DEEP STRAW (wheel slot 9) 17–19 SURPRISE PEACH (wheel slot 10) 20–20 MEDIUM AMBER (wheel slot 11) 21–21 GOLD AMBER (wheel slot 12) 22–23 DARK AMBER (wheel slot 13) 24–24 SCARLET (wheel slot 14) 25–25 SUNSET RED (wheel slot 15) 26–28 BRIGHT RED (wheel slot 16) 29–34 PALSA RED (wheel slot 17) 35–35 LIGHT PINK (wheel slot 18) 36–45 MEDIUM PINK (wheel slot 19) 46–47 DARK MAGENTA (wheel slot 20) 48–51 DARK PURPLE (wheel slot 21) 52–52 LIGHT LAVENDER (wheel slot 22) 53–57 PALE LAVENDER (wheel slot 23) 58–62 LAVENDER (wheel slot 24) 63–67 PALE BLUE (wheel slot 25) 68–70 SKY BLUE (wheel slot 26) 71–74 TOKIO BLUE (wheel slot 27) 75–78 EVENING BLUE (wheel slot 28) 79–84 JUST BLUE (wheel slot 29) 85–87 DEEPER BLUE (wheel slot 30) 88–88 LIME GREEN (wheel slot 31) 89–89 MOSS GREEN (wheel slot 32) 90–99 DARKYELLOW GREEN (wheel slot 33) 100–100 SPRING YELLOW (wheel slot 34) 101–101 YELLOW (wheel slot 35) 102–102 LIGHT AMBER (wheel slot 36) 103–103 STRAW (wheel slot 37) 104–104 DEEP AMBER (wheel slot 38) 105–105 ORANGE (wheel slot 39) 106–106 PRIMAY RED (wheel slot 40) 107–107 LIGHT ROSE (wheel slot 41) 108–108 ENGLISH ROSE (wheel slot 42) 109–109 LIGHT SALMON (wheel slot 43) 110–110 MIDDLE ROSE (wheel slot 44) 111–112 DARK PINK (wheel slot 45) 113–115 MAGENTA (wheel slot 46) 116–117 MEDIUM BLUE GREEN (wheel slot 47) 118–118 LIGHT BLUE (wheel slot 48) 119–119 DARK BLUE (wheel slot 49) 120–123 DEEP BLUE (wheel slot 50) 124–125 DARK GREEN (wheel slot 51) 126–126 MAUVE (wheel slot 52) 127–127 SMOKEY PINK (wheel slot 53) 128–131 BRIGHT PINK (wheel slot 54) 132–133 MEDIUM BLUE (wheel slot 55) 134–135 GOLDEN AMBER (wheel slot 56) 136–136 PALE LAVENDER 1 (wheel slot 57) 137–137 SPECIAL LAVENDER (wheel slot 58) 138–138 PALE GREEN (wheel slot 59) 139–139 PRIMARY GREEN (wheel slot 60) 140–140 SUMMER BLUE (wheel slot 61) 141–141 BRIGHT BLUE (wheel slot 62) 142–142 PALE VIOLET (wheel slot 63) 143–146 PALE NAVY BLUE (wheel slot 64)

26ch (continued)

Ch	Function	Default	DMX values
21	Color Preset Crossfade	0	
22	Color Preset Crossfade Speed	0	
23	Zoom	127	
24	Zoom Fine	255	Fine byte of Zoom
25	No Feature	0	
26	Control1	0	0–4 Unused 5–9 Display Off 10–14 Display On 15–19 Display Inv Off 20–24 Display Inv On 25–26 Auto Fan 27–28 Stage Fan 29–30 Silence Fan 31–32 Super Silence Fan 33–34 Constant Fan OFF 35–36 Constant Fan ON 37–44 unused 45–49 Square Law 50–54 Linear 55–57 1200 Hz 58–60 2400 Hz 61–63 16000 Hz 64–69 25000 Hz 70–71 Tungsten lamp simulation 500W 72–73 Tungsten lamp simulation 1000W 74–75 Tungsten lamp simulation 2500W 76–77 Tungsten lamp simulation 5000W 78–79 Tungsten lamp simulation OFF 80–84 All Motor Reset 85–87 P/T Motor Reset 88–90 ZoomMotor Reset 91–93 Pan/Tilt speed Fast 94–96 Pan/Tilt speed Medium 97–99 Pan/Tilt speed Slow 100–105 Pan/Tilt speed Tracking 360 106–108 Fog Fan Off 109–111 Fog Fan Auto 112–114 Fog Fan On 115–117 Pan Degree 540 118–120 Pan Degree 630 121–123 Pan Degree 360SC 124–126 Tilt Degree 540 127–129 Tilt Degree 270 130–255 Tilt Degree 360SC

50ch v1

50 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	

50ch v1 (continued)

Ch	Function	Default	DMX values
6	Pan Rotate	0	0–63 Stop by SpinOut 64–127 Stop by ShortCut 128–188 CW max 189–189 CW min 190–193 Pause 194–254 CCW min 255–255 CCW max
7	Tilt Rotate	0	0–63 Stop by SpinOut 64–127 Stop by ShortCut 128–188 CW max 189–189 CW min 190–193 Pause 194–254 CCW min 255–255 CCW max
8	Red	232	
9	Red Fine	136	Fine byte of Red
10	Green	245	
11	Green Fine	252	Fine byte of Green
12	Blue	82	
13	Blue Fine	82	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Shutter / Strobe	32	0–31 Closed 32–63 open 64–94 ShutterStrobe · min 0.5–24.2 Hz 95–95 ShutterStrobe · max 25 Hz 118–127 open 128–158 ShutterPulse · min 0.5–24.2 Hz 159–159 ShutterPulse · max 25 Hz 181–191 open 192–222 ShutterRandom · min 0.5–24.2 Hz 223–223 ShutterRandom · max 25 Hz 246–255 open
17	Dimmer	255	
18	Dimmer Fine	255	Fine byte of Dimmer
19	C TC	0	0–21 No Fonction 22–42 8000K 43–63 7500K 64–84 7000K 85–105 6500K 106–126 6000K 127–147 5500K 148–168 5000K 169–189 4500K 190–210 4000K 211–231 3500K 232–255 2700K

50ch v1 (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–2 Open (wheel slot 1) 3–3 LAVENDER TINT (wheel slot 2) 4–6 MEDIUM BASTARD AMBER (wheel slot 3) 7–7 PALE YELLOW (wheel slot 4) 8–8 DARK SALMON (wheel slot 5) 9–9 PALE AMBER GOLD (wheel slot 6) 10–12 MEDIUM YELLOW (wheel slot 7) 13–14 STRAW TINT (wheel slot 8) 15–16 DEEP STRAW (wheel slot 9) 17–19 SURPRISE PEACH (wheel slot 10) 20–20 MEDIUM AMBER (wheel slot 11) 21–21 GOLD AMBER (wheel slot 12) 22–23 DARK AMBER (wheel slot 13) 24–24 SCARLET (wheel slot 14) 25–25 SUNSET RED (wheel slot 15) 26–28 BRIGHT RED (wheel slot 16) 29–34 PALSA RED (wheel slot 17) 35–35 LIGHT PINK (wheel slot 18) 36–45 MEDIUM PINK (wheel slot 19) 46–47 DARK MAGENTA (wheel slot 20) 48–51 DARK PURPLE (wheel slot 21) 52–52 LIGHT LAVENDER (wheel slot 22) 53–57 PALE LAVENDER (wheel slot 23) 58–62 LAVENDER (wheel slot 24) 63–67 PALE BLUE (wheel slot 25) 68–70 SKY BLUE (wheel slot 26) 71–74 TOKIO BLUE (wheel slot 27) 75–78 EVENING BLUE (wheel slot 28) 79–84 JUST BLUE (wheel slot 29) 85–87 DEEPER BLUE (wheel slot 30) 88–88 LIME GREEN (wheel slot 31) 89–89 MOSS GREEN (wheel slot 32) 90–99 DARKYELLOW GREEN (wheel slot 33) 100–100 SPRING YELLOW (wheel slot 34) 101–101 YELLOW (wheel slot 35) 102–102 LIGHT AMBER (wheel slot 36) 103–103 STRAW (wheel slot 37) 104–104 DEEP AMBER (wheel slot 38) 105–105 ORANGE (wheel slot 39) 106–106 PRIMAY RED (wheel slot 40) 107–107 LIGHT ROSE (wheel slot 41) 108–108 ENGLISH ROSE (wheel slot 42) 109–109 LIGHT SALMON (wheel slot 43) 110–110 MIDDLE ROSE (wheel slot 44) 111–112 DARK PINK (wheel slot 45) 113–115 MAGENTA (wheel slot 46) 116–117 MEDIUM BLUE GREEN (wheel slot 47) 118–118 LIGHT BLUE (wheel slot 48) 119–119 DARK BLUE (wheel slot 49) 120–123 DEEP BLUE (wheel slot 50) 124–125 DARK GREEN (wheel slot 51) 126–126 MAUVE (wheel slot 52) 127–127 SMOKEY PINK (wheel slot 53) 128–131 BRIGHT PINK (wheel slot 54) 132–133 MEDIUM BLUE (wheel slot 55) 134–135 GOLDEN AMBER (wheel slot 56) 136–136 PALE LAVENDER 1 (wheel slot 57) 137–137 SPECIAL LAVENDER (wheel slot 58) 138–138 PALE GREEN (wheel slot 59) 139–139 PRIMARY GREEN (wheel slot 60) 140–140 SUMMER BLUE (wheel slot 61) 141–141 BRIGHT BLUE (wheel slot 62) 142–142 PALE VIOLET (wheel slot 63) 143–146 PALE NAVY BLUE (wheel slot 64)

50ch v1 (continued)

Ch	Function	Default	DMX values
21	Color Preset Crossfade	0	
22	Color Preset Crossfade Speed	0	
23	Zoom	127	
24	Zoom Fine	255	Fine byte of Zoom
25	Liquid Size	128	
26	Control1	0	0–4 Unused 5–9 Display Off 10–14 Display On 15–19 Display Inv Off 20–24 Display Inv On 25–26 Auto Fan 27–28 Stage Fan 29–30 Silence Fan 31–32 Super Silence Fan 33–34 Constant Fan OFF 35–36 Constant Fan ON 37–44 unused 45–49 Square Law 50–54 Linear 55–57 1200 Hz 58–60 2400 Hz 61–63 16000 Hz 64–69 25000 Hz 70–71 Tungsten lamp simulation 500W 72–73 Tungsten lamp simulation 1000W 74–75 Tungsten lamp simulation 2500W 76–77 Tungsten lamp simulation 5000W 78–79 Tungsten lamp simulation OFF 80–84 All Motor Reset 85–87 P/T Motor Reset 88–90 ZoomMotor Reset 91–93 Pan/Tilt speed Fast 94–96 Pan/Tilt speed Medium 97–99 Pan/Tilt speed Slow 100–105 Pan/Tilt speed Tracking 360 106–108 Fog Fan Off 109–111 Fog Fan Auto 112–114 Fog Fan On 115–117 Pan Degree 540 118–120 Pan Degree 630 121–123 Pan Degree 360SC 124–126 Tilt Degree 540 127–129 Tilt Degree 270 130–255 Tilt Degree 360SC
27	Chase Patterns	0	0–9 Chse OFF 10–14 Chase 1 15–19 Chase 2 20–24 Chase 3 25–29 Chase 4 30–34 Chase 5 35–39 Chase 6 40–44 Chase Fix 45–255 NoFeature 1
28	Chase Speed	0	0–125 Fast to Slow Backward 126–130 Empty Channel Set 131–255 Slow to Fast Forward
29	Chase Fade	0	
30	Chase Size	0	
31	Red	255	

50ch v1 (continued)

Ch	Function	Default	DMX values
32	Green	255	
33	Blue	255	
34	White	255	
35	Dimmer	0	
36	Back Chase Dimmer	0	
37	Shutter / Strobe 2	32	0–31 Chase dimmer OFF 32–63 Chase Dimmer ON 64–95 Shutter1Strobe 3 96–127 NoFeature 4 128–159 Shutter1StrobePulse 5 160–191 NoFeature 6 192–223 Shutter1StrobeRandom 7 224–255 NoFeature 8
38	Liquid Control	0	0–9 React to Zonda Effect chase 10–19 React to Main LED 20–29 React to ArtNet or sACN 30–255 Reserved
39	Dimmer	255	
40	Dimmer Fine	255	Fine byte of Dimmer
41	Red	255	
42	Green	255	
43	Blue	255	
44	Liquid Patterns	0	0–9 OFF 10–119 Effect 120–120 Effect Channel Set 121–255 Effect
45	Liquid Effect	0	
46	Liquid Speed	0	0–62 <<< 63–124 << 125–125 < 126–130 Stop (Speed=0) 131–190 > 191–254 >> 255–255 >>>
47	Dimmer	0	
48	Red	255	
49	Green	255	
50	Blue	255	

50ch v2

50 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	

50ch v2 (continued)

Ch	Function	Default	DMX values
6	Pan Rotate	0	0–63 Stop by SpinOut 64–127 Stop by ShortCut 128–188 CW max 189–189 CW min 190–193 Pause 194–254 CCW min 255–255 CCW max
7	Tilt Rotate	0	0–63 Stop by SpinOut 64–127 Stop by ShortCut 128–188 CW max 189–189 CW min 190–193 Pause 194–254 CCW min 255–255 CCW max
8	Red	232	
9	Red Fine	136	Fine byte of Red
10	Green	245	
11	Green Fine	252	Fine byte of Green
12	Blue	82	
13	Blue Fine	82	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Shutter / Strobe	32	0–31 Closed 32–63 open 64–94 ShutterStrobe · min 0.5–24.2 Hz 95–95 ShutterStrobe · max 25 Hz 118–127 open 128–158 ShutterPulse · min 0.5–24.2 Hz 159–159 ShutterPulse · max 25 Hz 181–191 open 192–222 ShutterRandom · min 0.5–24.2 Hz 223–223 ShutterRandom · max 25 Hz 246–255 open
17	Dimmer	255	
18	Dimmer Fine	255	Fine byte of Dimmer
19	C TC	0	0–21 No Fonction 22–42 8000K 43–63 7500K 64–84 7000K 85–105 6500K 106–126 6000K 127–147 5500K 148–168 5000K 169–189 4500K 190–210 4000K 211–231 3500K 232–255 2700K

50ch v2 (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–2 Open (wheel slot 1) 3–3 LAVENDER TINT (wheel slot 2) 4–6 MEDIUM BASTARD AMBER (wheel slot 3) 7–7 PALE YELLOW (wheel slot 4) 8–8 DARK SALMON (wheel slot 5) 9–9 PALE AMBER GOLD (wheel slot 6) 10–12 MEDIUM YELLOW (wheel slot 7) 13–14 STRAW TINT (wheel slot 8) 15–16 DEEP STRAW (wheel slot 9) 17–19 SURPRISE PEACH (wheel slot 10) 20–20 MEDIUM AMBER (wheel slot 11) 21–21 GOLD AMBER (wheel slot 12) 22–23 DARK AMBER (wheel slot 13) 24–24 SCARLET (wheel slot 14) 25–25 SUNSET RED (wheel slot 15) 26–28 BRIGHT RED (wheel slot 16) 29–34 PALSA RED (wheel slot 17) 35–35 LIGHT PINK (wheel slot 18) 36–45 MEDIUM PINK (wheel slot 19) 46–47 DARK MAGENTA (wheel slot 20) 48–51 DARK PURPLE (wheel slot 21) 52–52 LIGHT LAVENDER (wheel slot 22) 53–57 PALE LAVENDER (wheel slot 23) 58–62 LAVENDER (wheel slot 24) 63–67 PALE BLUE (wheel slot 25) 68–70 SKY BLUE (wheel slot 26) 71–74 TOKIO BLUE (wheel slot 27) 75–78 EVENING BLUE (wheel slot 28) 79–84 JUST BLUE (wheel slot 29) 85–87 DEEPER BLUE (wheel slot 30) 88–88 LIME GREEN (wheel slot 31) 89–89 MOSS GREEN (wheel slot 32) 90–99 DARKYELLOW GREEN (wheel slot 33) 100–100 SPRING YELLOW (wheel slot 34) 101–101 YELLOW (wheel slot 35) 102–102 LIGHT AMBER (wheel slot 36) 103–103 STRAW (wheel slot 37) 104–104 DEEP AMBER (wheel slot 38) 105–105 ORANGE (wheel slot 39) 106–106 PRIMAY RED (wheel slot 40) 107–107 LIGHT ROSE (wheel slot 41) 108–108 ENGLISH ROSE (wheel slot 42) 109–109 LIGHT SALMON (wheel slot 43) 110–110 MIDDLE ROSE (wheel slot 44) 111–112 DARK PINK (wheel slot 45) 113–115 MAGENTA (wheel slot 46) 116–117 MEDIUM BLUE GREEN (wheel slot 47) 118–118 LIGHT BLUE (wheel slot 48) 119–119 DARK BLUE (wheel slot 49) 120–123 DEEP BLUE (wheel slot 50) 124–125 DARK GREEN (wheel slot 51) 126–126 MAUVE (wheel slot 52) 127–127 SMOKEY PINK (wheel slot 53) 128–131 BRIGHT PINK (wheel slot 54) 132–133 MEDIUM BLUE (wheel slot 55) 134–135 GOLDEN AMBER (wheel slot 56) 136–136 PALE LAVENDER 1 (wheel slot 57) 137–137 SPECIAL LAVENDER (wheel slot 58) 138–138 PALE GREEN (wheel slot 59) 139–139 PRIMARY GREEN (wheel slot 60) 140–140 SUMMER BLUE (wheel slot 61) 141–141 BRIGHT BLUE (wheel slot 62) 142–142 PALE VIOLET (wheel slot 63) 143–146 PALE NAVY BLUE (wheel slot 64)

50ch v2 (continued)

Ch	Function	Default	DMX values
21	Color Preset Crossfade	0	
22	Color Preset Crossfade Speed	0	
23	Zoom	127	
24	Zoom Fine	255	Fine byte of Zoom
25	Reserved 25	0	
26	Control1	0	0–4 Unused 5–9 Display Off 10–14 Display On 15–19 Display Inv Off 20–24 Display Inv On 25–26 Auto Fan 27–28 Stage Fan 29–30 Silence Fan 31–32 Super Silence Fan 33–34 Constant Fan OFF 35–36 Constant Fan ON 37–44 unused 45–49 Square Law 50–54 Linear 55–57 1200 Hz 58–60 2400 Hz 61–63 16000 Hz 64–69 25000 Hz 70–71 Tungsten lamp simulation 500W 72–73 Tungsten lamp simulation 1000W 74–75 Tungsten lamp simulation 2500W 76–77 Tungsten lamp simulation 5000W 78–79 Tungsten lamp simulation OFF 80–84 All Motor Reset 85–87 P/T Motor Reset 88–90 ZoomMotor Reset 91–93 Pan/Tilt speed Fast 94–96 Pan/Tilt speed Medium 97–99 Pan/Tilt speed Slow 100–105 Pan/Tilt speed Tracking 360 106–108 Fog Fan Off 109–111 Fog Fan Auto 112–114 Fog Fan On 115–117 Pan Degree 540 118–120 Pan Degree 630 121–123 Pan Degree 360SC 124–126 Tilt Degree 540 127–129 Tilt Degree 270 130–255 Tilt Degree 360SC
27	Chase Patterns	0	0–9 Chse OFF 10–14 Chase 1 15–19 Chase 2 20–24 Chase 3 25–29 Chase 4 30–34 Chase 5 35–39 Chase 6 40–44 Chase Fix 45–255 NoFeature 1
28	Chase Speed	0	0–125 Fast to Slow Backward 126–130 Empty Channel Set 131–255 Slow to Fast Forward
29	Chase Fade	0	
30	Chase Size	0	
31	Red	255	

50ch v2 (continued)

Ch	Function	Default	DMX values
32	Green	255	
33	Blue	255	
34	White	255	
35	Dimmer	0	
36	Back Chase Dimmer	0	
37	Shutter / Strobe 2	32	0–31 Chase dimmer OFF 32–63 Chase Dimmer ON 64–95 Shutter1Strobe 3 96–127 NoFeature 4 128–159 Shutter1StrobePulse 5 160–191 NoFeature 6 192–223 Shutter1StrobeRandom 7 224–255 NoFeature 8
38	Led Control	128	0–127 Full Control 128–254 Middle 255–255 Pixel Control
39	Red	255	
40	Green	255	
41	Blue	255	
42	White	255	
43	Red	255	
44	Green	255	
45	Blue	255	
46	White	255	
47	Red	255	
48	Green	255	
49	Blue	255	
50	White	255	