Leding

Xpression 250 C6



Manufacturer	**Leding**
Type	**Effect light**
DMX modes	**6**
DMX footprint	**3, 7, 8, 10, 13, 20 channels**
Beam angle	**32.5°**
Size (W × H × D)	**364 × 667 × 519 mm**
GDTF fixture type	**44FB36FE-E610-4D3F-A1A6-65…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

Basic	3 ch
HSIC	7 ch
SSP	8 ch
CMY	10 ch
Tour	13 ch
TR16	20 ch

Basic

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Color Macro1	0	
3	C TO	0	0–9 Open 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K

HSIC

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	H SBHue	0	
3	H SBHue Fine	0	Fine byte of H SBHue
4	H SBSaturation	0	
5	C TO	0	0–9 Open 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K
6	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Shutter1StrobePulse 4 · Lightning 1–15 Hz 180–189 Open 190–255 Random

HSIC (continued)

Ch	Function	Default	DMX values
7	Control1	0	0–10 No Function 11–60 Reserved 61–70 Live 71–80 Studio 81–90 Power 91–100 Reserved 101–110 Dimmer Off 111–120 Dimmer Mode 121–150 Reserved 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 Reset Fixture 211–255 Reserved

SSP

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	255	
6	Color Add GY	255	
7	Color Add C	255	
8	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Shutter1StrobePulse 4 · Lightning 1–15 Hz 180–189 Open 190–255 Random

CMY

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	0	
3	Green	0	
4	Blue	0	
5	Color Macro1	0	

CMY (continued)

Ch	Function	Default	DMX values
6	C TO	0	0–9 Open 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K
7	Effect	0	0–40 No Function 41–50 Auto Show 1 51–60 Auto Show 2 61–70 Auto Show 3 71–80 Auto Show 4 81–90 Auto Show 5 91–100 Auto Show 6 101–110 Auto Show 7 111–120 Auto Show 8 121–130 Auto Show 9 131–140 Auto Show 10 141–150 Program 1 151–160 Program 2 161–255 No Function
8	Effect Speed	0	
9	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Shutter1StrobePulse 4 · Lightning 1–15 Hz 180–189 Open 190–255 Random
10	Control1	0	0–10 No Function 11–60 Reserved 61–70 Live 71–80 Studio 81–90 Power 91–100 Reserved 101–110 Dimmer Off 111–120 Dimmer Mode 121–150 Reserved 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 Reset Fixture 211–255 Reserved

Tour

13 channels

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

Tour (continued)

Ch	Function	Default	DMX values
3	Green	255	
4	Blue	255	
5	Color Add RY	255	
6	Color Add GY	255	
7	Color Add C	255	
8	Color Macro1	0	
9	C TO	0	0–9 Open 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K
10	Effect	0	0–40 No Function 41–50 Auto Show 1 51–60 Auto Show 2 61–70 Auto Show 3 71–80 Auto Show 4 81–90 Auto Show 5 91–100 Auto Show 6 101–110 Auto Show 7 111–120 Auto Show 8 121–130 Auto Show 9 131–140 Auto Show 10 141–150 Program 1 151–160 Program 2 161–255 No Function
11	Effect Speed	0	
12	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Shutter1StrobePulse 4 · Lightning 1–15 Hz 180–189 Open 190–255 Random
13	Control1	0	0–10 No Function 11–60 Reserved 61–70 Live 71–80 Studio 81–90 Power 91–100 Reserved 101–110 Dimmer Off 111–120 Dimmer Mode 121–150 Reserved 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 Reset Fixture 211–255 Reserved

TR16

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add RY	0	
10	Color Add RY Fine	255	Fine byte of Color Add RY
11	Color Add GY	0	
12	Color Add GY Fine	255	Fine byte of Color Add GY
13	Color Add C	0	
14	Color Add C Fine	255	Fine byte of Color Add C
15	Color Macro1	0	
16	C TO	0	0–9 Open 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K
17	Effect	0	0–40 No Function 41–50 Auto Show 1 51–60 Auto Show 2 61–70 Auto Show 3 71–80 Auto Show 4 81–90 Auto Show 5 91–100 Auto Show 6 101–110 Auto Show 7 111–120 Auto Show 8 121–130 Auto Show 9 131–140 Auto Show 10 141–150 Program 1 151–160 Program 2 161–255 No Function
18	Effect Speed	0	
19	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Shutter1StrobePulse 4 · Lightning 1–15 Hz 180–189 Open 190–255 Random

TR16 (continued)

Ch	Function	Default	DMX values
20	Control1	0	0–10 No Function 11–60 Reserved 61–70 Live 71–80 Studio 81–90 Power 91–100 Reserved 101–110 Dimmer Off 111–120 Dimmer Mode 121–150 Reserved 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 Reset Fixture 211–255 Reserved