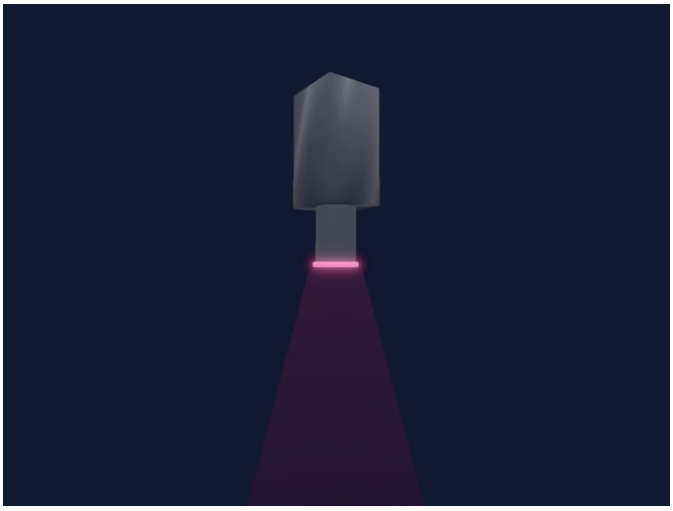
Leding

XPRESSION 250 RGBLA



Manufacturer	**Leding**
Type	**Effect light**
DMX modes	**4**
DMX footprint	**8, 9, 13, 19 channels**
Beam angle	**14-55°**
Size (W × H × D)	**284 × 510 × 260 mm**
GDTF fixture type	**B88EB988-5044-4ED2-8216-CE…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

HSIC	8 ch
SSP	9 ch
Tour	13 ch
TR16	19 ch

HSIC

8 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 CT	0	0–9 Color Mix 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 10–98 Strobe · Min 0–24.7 Hz 99–99 Strobe · Max 25 Hz 100–109 Open 110–178 Thunder strobe · Min 0–24.6 Hz 179–179 Thunder strobe · Max 25 Hz 180–189 NoFeature 5 190–254 Random Strobe · Min 0–24.6 Hz 255–255 Random Strobe · Max 25 Hz
7	Zoom	128	
8	Control1	0	0–60 No Function 61–70 Live 71–80 Studio 81–90 Power 91–100 NoFeature 3 101–110 Off 111–120 Dim 4 121–150 NoFeature 5 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 Zoom Reset 221–255 NoFeature 9

SSP

9 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	0	

SSP (continued)

Ch	Function	Default	DMX values
6	Color Add GY	0	
7	Shutter / Strobe	0	0–9 Open 10–98 Strobe · Min 0–24.7 Hz 99–99 Strobe · Max 25 Hz 100–109 Open 110–178 Thunder strobe · Min 0–24.6 Hz 179–179 Thunder strobe · Max 25 Hz 180–189 NoFeature 5 190–254 Random Strobe · Min 0–24.6 Hz 255–255 Random Strobe · Max 25 Hz
8	Zoom	128	
9	Control1	0	

Tour

13 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	0	
6	Color Add GY	0	

Tour (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–9 Color Mix 10–15 L176 - Loving Amber (wheel slot 1) 16–20 R40 - Light Salmon (wheel slot 2) 21–25 L24 - Scarlet (wheel slot 3) 26–30 L164 - Flame Red (wheel slot 4) 31–35 L747 - Easy White (wheel slot 5) 36–40 R303 - Warm Peach (wheel slot 6) 41–45 L08 - Dark Salmon (wheel slot 7) 46–50 L25 - Sunset Red (wheel slot 8) 51–55 L04 - Medium Bastard Amber (wheel slot 9) 56–60 L237 - CID (to Tungsten) (wheel slot 10) 61–65 R321 - Soft Golden Amber (wheel slot 11) 66–70 L652 - Urban Sodium (wheel slot 12) 71–75 L212 - LCT Yellow (wheel slot 13) 76–80 L765 - LEE Yellow (wheel slot 14) 81–85 L513 - Ice and a Slice (wheel slot 15) 86–90 L100 - Spring Yellow (wheel slot 16) 91–95 L244 - Lee Plus Green (wheel slot 17) 96–100 R4430 - Cal Color 30 Green (wheel slot 18) 101–105 L122 - Fern Green (wheel slot 19) 106–110 L90 - Dark Yellow Green (wheel slot 20) 111–115 L243 - LEE Fluorescent 3600K (wheel slot 21) 116–120 R92 - Turquoise (wheel slot 22) 121–125 R94 - Kelly Green (wheel slot 23) 126–130 L327 - Forest Green (wheel slot 24) 131–135 L191 - Cosmetic Aqua Blue (wheel slot 25) 136–140 L728 - Steel Green (wheel slot 26) 141–145 L117 - Steel Blue (wheel slot 27) 146–150 L354 - Special Steel Blue (wheel slot 28) 151–155 L53 - Paler Lavender (wheel slot 29) 156–160 L501 - New Color Blue (wheel slot 30) 161–165 L174 - Dark Steel Blue (wheel slot 31) 166–170 L165 - Daylight Blue (wheel slot 32) 171–175 L136 - Pale Lavender (wheel slot 33) 176–180 L194 - Surprise Pink (wheel slot 34) 181–185 L142 - Pale Violet (wheel slot 35) 186–190 L700 - Perfect Lavender (wheel slot 36) 191–195 L35 - Light Pink (wheel slot 37) 196–200 L794 - Pretty 'n Pink (wheel slot 38) 201–205 L328 - Follies Pink (wheel slot 39) 206–210 L795 - Magical Magenta (wheel slot 40) 211–215 L154 - Pale Rose (wheel slot 41) 216–220 L127 - Smokey Pink (wheel slot 42) 221–225 L192 - Flesh Pink (wheel slot 43) 226–230 L332 - Special Rose Pink (wheel slot 44) 231–235 L790 - Moroccan Pink (wheel slot 45) 236–240 L157 - Pink (wheel slot 46) 241–245 R332 - Cherry Rose (wheel slot 47) 246–250 L128 - Cool LED Bright Pink (wheel slot 48) 251–255 NoFeature 3

Tour (continued)

Ch	Function	Default	DMX values
8	C CT	0	0–9 Color Mix 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
9	Shutter / Strobe	0	0–9 Open 10–98 Strobe · Min 0–24.7 Hz 99–99 Strobe · Max 25 Hz 100–109 Open 110–178 Thunder strobe · Min 0–24.6 Hz 179–179 Thunder strobe · Max 25 Hz 180–189 NoFeature 5 190–254 Random Strobe · Min 0–24.6 Hz 255–255 Random Strobe · Max 25 Hz
10	Zoom	128	
11	Effect	0	0–40 No Function 41–50 Auto 1 51–60 Auto 2 61–70 Auto 3 71–80 Auto 4 81–90 Auto 5 91–100 Auto 6 101–110 Auto 7 111–120 Auto 8 121–130 Auto 9 131–140 Auto 10 141–150 Program 1 151–160 Program 2 161–255 NoFeature 3
12	Effect Speed	128	
13	Control1	0	0–60 No Function 61–70 Live 71–80 Studio 81–90 Power 91–100 NoFeature 3 101–110 Off 111–120 Dim 4 121–150 NoFeature 5 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 Zoom Reset 221–255 NoFeature 9

TR16

19 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	0	Fine byte of Color Add RY
11	Color Add GY	0	
12	Color Add GY Fine	0	Fine byte of Color Add GY

TR16 (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–9 ColorMix 10–15 L176 - Loving Amber (wheel slot 1) 16–20 R40 - Light Salmon (wheel slot 2) 21–25 L24 - Scarlet (wheel slot 3) 26–30 L164 - Flame Red (wheel slot 4) 31–35 L747 - Easy White (wheel slot 5) 36–40 R303 - Warm Peach (wheel slot 6) 41–45 L08 - Dark Salmon (wheel slot 7) 46–50 L25 - Sunset Red (wheel slot 8) 51–55 L04 - Medium Bastard Amber (wheel slot 9) 56–60 L237 - CID (to Tungsten) (wheel slot 10) 61–65 R321 - Soft Golden Amber (wheel slot 11) 66–70 L652 - Urban Sodium (wheel slot 12) 71–75 L212 - LCT Yellow (wheel slot 13) 76–80 L765 - LEE Yellow (wheel slot 14) 81–85 L513 - Ice and a Slice (wheel slot 15) 86–90 L100 - Spring Yellow (wheel slot 16) 91–95 L244 - Lee Plus Green (wheel slot 17) 96–100 R4430 - Cal Color 30 Green (wheel slot 18) 101–105 L122 - Fern Green (wheel slot 19) 106–110 L90 - Dark Yellow Green (wheel slot 20) 111–115 L243 - LEE Fluorescent 3600K (wheel slot 21) 116–120 R92 - Turquoise (wheel slot 22) 121–125 R94 - Kelly Green (wheel slot 23) 126–130 L327 - Forest Green (wheel slot 24) 131–135 L191 - Cosmetic Aqua Blue (wheel slot 25) 136–140 L728 - Steel Green (wheel slot 26) 141–145 L117 - Steel Blue (wheel slot 27) 146–150 L354 - Special Steel Blue (wheel slot 28) 151–155 L53 - Paler Lavender (wheel slot 29) 156–160 L501 - New Color Blue (wheel slot 30) 161–165 L174 - Dark Steel Blue (wheel slot 31) 166–170 L165 - Daylight Blue (wheel slot 32) 171–175 L136 - Pale Lavender (wheel slot 33) 176–180 L194 - Surprise Pink (wheel slot 34) 181–185 L142 - Pale Violet (wheel slot 35) 186–190 L700 - Perfect Lavender (wheel slot 36) 191–195 L35 - Light Pink (wheel slot 37) 196–200 L794 - Pretty 'n Pink (wheel slot 38) 201–205 L328 - Follies Pink (wheel slot 39) 206–210 L795 - Magical Magenta (wheel slot 40) 211–215 L154 - Pale Rose (wheel slot 41) 216–220 L127 - Smokey Pink (wheel slot 42) 221–225 L192 - Flesh Pink (wheel slot 43) 226–230 L332 - Special Rose Pink (wheel slot 44) 231–235 L790 - Moroccan Pink (wheel slot 45) 236–240 L157 - Pink (wheel slot 46) 241–245 R332 - Cherry Rose (wheel slot 47) 246–250 L128 - Cool LED Bright Pink (wheel slot 48) 251–255 NoFeature 3

TR16 (continued)

Ch	Function	Default	DMX values
14	C CT	0	0–9 Color Mix 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
15	Shutter / Strobe	0	0–9 Open 10–98 Strobe · Min 0–24.7 Hz 99–99 Strobe · Max 25 Hz 100–109 Open 110–178 Thunder strobe · Min 0–24.6 Hz 179–179 Thunder strobe · Max 25 Hz 180–189 NoFeature 5 190–254 Random Strobe · Min 0–24.6 Hz 255–255 Random Strobe · Max 25 Hz
16	Zoom	128	
17	Effect	0	0–40 No Function 41–50 Auto 1 51–60 Auto 2 61–70 Auto 3 71–80 Auto 4 81–90 Auto 5 91–100 Auto 6 101–110 Auto 7 111–120 Auto 8 121–130 Auto 9 131–140 Auto 10 141–150 Program 1 151–160 Program 2 161–255 NoFeature 3
18	Effect Speed	128	
19	Control1	0	0–60 No Function 61–70 Live 71–80 Studio 81–90 Power 91–100 NoFeature 3 101–110 Off 111–120 Dim 4 121–150 NoFeature 5 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 Zoom Reset 221–255 NoFeature 9