Expolite

AkkuLED Power Compact



Manufacturer	**Expolite**
Type	**PAR**
DMX modes	**8**
DMX footprint	**3, 4, 5, 6, 10, 15 channels**
Beam angle	**13°**
Size (W × H × D)	**154 × 286 × 154 mm**
GDTF fixture type	**8AA8FDD9-0D82-4D6C-8387-4…**

Controls

Extra LED colours · Hue and saturation · RGB colour mixing · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Strobe

DMX modes

ARC1	3 ch
HSV	3 ch
AR1d	4 ch
ARC2	4 ch
AR2d	5 ch
AR2S	6 ch
TOUR	10 ch
TR16	15 ch

ARC1

3 channels

Ch	Function	Default	DMX values
1	Red	255	0–62 0% Red 63–126 25% Red 127–190 50% Red 191–254 75% Red 255–255 100% Red
2	Green	255	0–62 0% Green 63–126 25% Green 127–190 50% Green 191–254 75% Green 255–255 100% Green
3	Blue	255	0–62 0% Blue 63–126 25% Blue 127–190 50% Blue 191–254 75% Blue 255–255 100% Blue

HSV

3 channels

Ch	Function	Default	DMX values
1	H SBHue	0	0–41 Red 42–84 Yellow 85–126 Green 127–169 Cyan 170–211 Blue 212–254 Magenta 255–255 Red
2	H SBSaturation	0	0–126 0% 127–254 50% 255–255 100%
3	H SBBrightness	0	0–126 0% 127–254 50% 255–255 100%

AR1d

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–126 40% 127–152 50% 153–177 60% 178–190 70% 191–203 75% 204–228 80% 229–254 90% 255–255 100%
2	Red	255	0–62 0% Red 63–126 25% Red 127–190 50% Red 191–254 75% Red 255–255 100% Red

AR1d (continued)

Ch	Function	Default	DMX values
3	Green	255	0–62 0% Green 63–126 25% Green 127–190 50% Green 191–254 75% Green 255–255 100% Green
4	Blue	255	0–62 0% Blue 63–126 25% Blue 127–190 50% Blue 191–254 75% Blue 255–255 100% Blue

ARC2

4 channels

Ch	Function	Default	DMX values
1	Red	255	0–62 0% Red 63–126 25% Red 127–190 50% Red 191–254 75% Red 255–255 100% Red
2	Green	255	0–62 0% Green 63–126 25% Green 127–190 50% Green 191–254 75% Green 255–255 100% Green
3	Blue	255	0–62 0% Blue 63–126 25% Blue 127–190 50% Blue 191–254 75% Blue 255–255 100% Blue
4	Color Add RY	255	0–62 0% Amber 63–126 25% Amber 127–190 50% Amber 191–254 75% Amber 255–255 100% Amber

AR2d

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–126 40% 127–152 50% 153–177 60% 178–190 70% 191–203 75% 204–228 80% 229–254 90% 255–255 100%
2	Red	255	0–62 0% Red 63–126 25% Red 127–190 50% Red 191–254 75% Red 255–255 100% Red

AR2d (continued)

Ch	Function	Default	DMX values
3	Green	255	0–62 0% Green 63–126 25% Green 127–190 50% Green 191–254 75% Green 255–255 100% Green
4	Blue	255	0–62 0% Blue 63–126 25% Blue 127–190 50% Blue 191–254 75% Blue 255–255 100% Blue
5	Color Add RY	255	0–62 0% Amber 63–126 25% Amber 127–190 50% Amber 191–254 75% Amber 255–255 100% Amber

AR2S

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–126 40% 127–152 50% 153–177 60% 178–190 70% 191–203 75% 204–228 80% 229–254 90% 255–255 100%
2	Red	255	0–62 0% Red 63–126 25% Red 127–190 50% Red 191–254 75% Red 255–255 100% Red
3	Green	255	0–62 0% Green 63–126 25% Green 127–190 50% Green 191–254 75% Green 255–255 100% Green
4	Blue	255	0–62 0% Blue 63–126 25% Blue 127–190 50% Blue 191–254 75% Blue 255–255 100% Blue
5	Color Add RY	255	0–62 0% Amber 63–126 25% Amber 127–190 50% Amber 191–254 75% Amber 255–255 100% Amber
6	Shutter / Strobe	0	0–9 Open 10–132 Strobe Slow 133–253 Strobe Medium 254–255 Strobe Fast

TOUR

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–126 40% 127–152 50% 153–177 60% 178–190 70% 191–203 75% 204–228 80% 229–254 90% 255–255 100%
2	Red	255	0–62 0% Red 63–126 25% Red 127–190 50% Red 191–254 75% Red 255–255 100% Red
3	Green	255	0–62 0% Green 63–126 25% Green 127–190 50% Green 191–254 75% Green 255–255 100% Green
4	Blue	255	0–62 0% Blue 63–126 25% Blue 127–190 50% Blue 191–254 75% Blue 255–255 100% Blue
5	Color Add RY	255	0–62 0% Amber 63–126 25% Amber 127–190 50% Amber 191–254 75% Amber 255–255 100% Amber
6	Color Wheel	0	0–10 Open (wheel slot 1) 11–30 Yellow (wheel slot 2) 31–50 Fern Green (wheel slot 3) 51–70 Sea Green (wheel slot 4) 71–90 Lavender (wheel slot 5) 91–110 Violet (wheel slot 6) 111–130 Pink (wheel slot 7) 131–150 light Red (wheel slot 8) 151–170 light Blue (wheel slot 9) 171–200 White RGBW (wheel slot 10) 201–205 3200K (wheel slot 11) 206–210 3400K (wheel slot 12) 211–215 4200K (wheel slot 13) 216–220 4900K (wheel slot 14) 221–225 5600K (wheel slot 15) 226–230 5900K (wheel slot 16) 231–235 6500K (wheel slot 17) 236–240 7200K (wheel slot 18) 241–245 8000K (wheel slot 19) 246–250 8500K (wheel slot 20) 251–255 10000K (wheel slot 21)
7	Shutter / Strobe	0	0–9 Open 10–132 Strobe Slow 133–253 Strobe Medium 254–255 Strobe Fast

TOUR (continued)

Ch	Function	Default	DMX values
8	Color Macro1	0	0–20 No Function 21–30 Auto 1 31–40 Auto 2 41–50 Auto 3 51–60 Auto 4 61–70 Auto 5 71–80 Auto 6 81–90 Auto 7 91–100 Auto 8 101–110 Auto 9 111–120 Auto 10 121–130 PR 01 131–140 PR 02 141–150 PR 03 151–160 PR 04 161–170 PR 05 171–180 PR 06 181–190 PR 07 191–200 PR 08 201–210 PR 09 211–220 PR 10 221–255 No Function
9	Color Macro1Rate	0	0–126 Color Marco Slow 127–252 Color Marco Medium 253–255 Color Marco Fast
10	Intensity MSpeed	10	0–9 Preset Dimmer Speed from Display Menu 10–29 Linear Dimmer 30–69 Non Linear Dimmer 1 Fast 70–129 Non Linear Dimmer 2 130–189 Non Linear Dimmer 3 190–255 Non Linear Dimmer 4 Slow

TR16

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–126 40% 127–152 50% 153–177 60% 178–190 70% 191–203 75% 204–228 80% 229–254 90% 255–255 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–62 0% Red 63–126 25% Red 127–190 50% Red 191–254 75% Red 255–255 100% Red
4	Red Fine	255	Fine byte of Red

TR16 (continued)

Ch	Function	Default	DMX values
5	Green	255	0–62 0% Green 63–126 25% Green 127–190 50% Green 191–254 75% Green 255–255 100% Green
6	Green Fine	255	Fine byte of Green
7	Blue	255	0–62 0% Blue 63–126 25% Blue 127–190 50% Blue 191–254 75% Blue 255–255 100% Blue
8	Blue Fine	255	Fine byte of Blue
9	Color Add RY	255	0–63 0% Amber 64–127 25% Amber 128–190 50% Amber 191–254 75% Amber 255–255 100% Amber
10	Color Add RY Fine	255	Fine byte of Color Add RY
11	Color Wheel	0	0–10 Open (wheel slot 1) 11–30 Yellow (wheel slot 2) 31–50 Fern Green (wheel slot 3) 51–70 Sea Green (wheel slot 4) 71–90 Lavender (wheel slot 5) 91–110 Violet (wheel slot 6) 111–130 Pink (wheel slot 7) 131–150 light Red (wheel slot 8) 151–170 light Blue (wheel slot 9) 171–200 White RGBW (wheel slot 10) 201–205 3200K (wheel slot 11) 206–210 3400K (wheel slot 12) 211–215 4200K (wheel slot 13) 216–220 4900K (wheel slot 14) 221–225 5600K (wheel slot 15) 226–230 5900K (wheel slot 16) 231–235 6500K (wheel slot 17) 236–240 7200K (wheel slot 18) 241–245 8000K (wheel slot 19) 246–250 8500K (wheel slot 20) 251–255 10000K (wheel slot 21)
12	Shutter / Strobe	0	0–9 Open 10–132 Strobe Slow 133–253 Strobe Medium 254–255 Strobe Fast

TR16 (continued)

Ch	Function	Default	DMX values
13	Color Macro1	0	0–20 No Function 21–30 Auto 1 31–40 Auto 2 41–50 Auto 3 51–60 Auto 4 61–70 Auto 5 71–80 Auto 6 81–90 Auto 7 91–100 Auto 8 101–110 Auto 9 111–120 Auto 10 121–130 PR 01 131–140 PR 02 141–150 PR 03 151–160 PR 04 161–170 PR 05 171–180 PR 06 181–190 PR 07 191–200 PR 08 201–210 PR 09 211–220 PR 10 221–255 No Function
14	Color Macro1Rate	0	0–126 Color Marco Slow 127–252 Color Marco Medium 253–255 Color Marco Fast
15	Intensity MSpeed	10	0–9 Preset Dimmer Speed from Display Menu 10–29 Linear Dimmer 30–69 Non Linear Dimmer 1 Fast 70–129 Non Linear Dimmer 2 130–189 Non Linear Dimmer 3 190–255 Non Linear Dimmer 4 Slow