Expolite

Tour-LED Pro 28 MKIII



Manufacturer	**Expolite**
Type	**PAR**
DMX modes	**10**
DMX footprint	**3, 4, 5, 6, 7, 12, 17, 25 channels**
Beam angle	**8-40°**
Heads / cells	**2**
Size (W × H × D)	**220 × 334 × 191 mm**
GDTF fixture type	**93636B83-B0A4-410F-ACF4-AD…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

ARC1	3 ch
HSV	3 ch
AR1 D	4 ch
ARC 2	4 ch
AR2 D	5 ch
AR2 S	6 ch
AR2 Z	7 ch
Tour	12 ch
TR 16	17 ch
Full	25 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	
2	H SBSaturation	0	
3	H SBBrightness	0	

AR1 D

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–62 20% 63–75 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

ARC 2

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	White	0	0–62 0% White 63–126 25% White 127–190 50% White 191–254 75% White 255–255 100% White

AR2 D

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–62 20% 63–75 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	White	0	0–62 0% White 63–126 25% White 127–190 50% White 191–254 75% White 255–255 100% White

AR2 S

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–62 20% 63–75 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	White	0	0–62 0% White 63–126 25% White 127–190 50% White 191–254 75% White 255–255 100% White
6	Shutter / Strobe	0	0–10 Shutter Open 11–125 Strobe Slow 126–252 Strobe Medium 253–255 Strobe Fast

AR2 Z

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–62 20% 63–75 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

AR2 Z (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	White	0	0–62 0% White 63–126 25% White 127–190 50% White 191–254 75% White 255–255 100% White
6	Zoom	128	0–127 narrow (8 Deg) 128–254 medium (24 Deg) 255–255 wide (40 Deg)
7	Zoom Reset	0	0–200 No Function (1) 201–220 Zoom Reset 221–255 No Function (2)

Tour

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–62 20% 63–75 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	White	0	0–62 0% White 63–126 25% White 127–190 50% White 191–254 75% White 255–255 100% White

Tour (continued)

Ch	Function	Default	DMX values
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	0–10 Shutter Open 11–125 Strobe Slow 126–252 Strobe Medium 253–255 Strobe Fast
8	Color Macro1	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 PR 01 151–160 PR 02 161–170 PR 03 171–180 PR 04 181–190 PR 05 191–200 PR 06 201–210 PR 07 211–220 PR 08 221–230 PR 09 231–255 PR 10
9	Color Macro1Rate	0	0–126 Color Marco Slow 127–252 Color Marco Medium 253–255 Color Marco Fast
10	Intensity MSpeed	0	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
11	Zoom	128	0–127 narrow (8 Deg) 128–254 medium (24 Deg) 255–255 wide (40 Deg)
12	Zoom Reset	0	0–200 No Function (1) 201–220 Zoom Reset 221–255 No Function (2)

TR 16

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–62 20% 63–75 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
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	White	0	0–62 0% White 63–126 25% White 127–190 50% White 191–254 75% White 255–255 100% White
10	White Fine	0	Fine byte of White
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)

TR 16 (continued)

Ch	Function	Default	DMX values
12	Shutter / Strobe	0	0–10 Shutter Open 11–125 Strobe Slow 126–252 Strobe Medium 253–255 Strobe Fast
13	Color Macro1	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 PR 01 151–160 PR 02 161–170 PR 03 171–180 PR 04 181–190 PR 05 191–200 PR 06 201–210 PR 07 211–220 PR 08 221–230 PR 09 231–255 PR 10
14	Color Macro1Rate	0	0–126 Color Marco Slow 127–252 Color Marco Medium 253–255 Color Marco Fast
15	Intensity MSpeed	0	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
16	Zoom	128	0–127 narrow (8 Deg) 128–254 medium (24 Deg) 255–255 wide (40 Deg)
17	Zoom Reset	0	0–200 No Function (1) 201–220 Zoom Reset 221–255 No Function (2)

Full

25 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–62 20% 63–75 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

Full (continued)

Ch	Function	Default	DMX values
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
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	White	0	0–62 0% White 63–126 25% White 127–190 50% White 191–254 75% White 255–255 100% White
10	White Fine	0	Fine byte of White
11	Red	255	0–62 0% Red 63–126 25% Red 127–190 50% Red 191–254 75% Red 255–255 100% Red
12	Red Fine	255	Fine byte of Red
13	Green	255	0–62 0% Green 63–126 25% Green 127–190 50% Green 191–254 75% Green 255–255 100% Green
14	Green Fine	255	Fine byte of Green
15	Blue	255	0–62 0% Blue 63–126 25% Blue 127–190 50% Blue 191–254 75% Blue 255–255 100% Blue
16	Blue Fine	255	Fine byte of Blue
17	White	0	0–62 0% White 63–126 25% White 127–190 50% White 191–254 75% White 255–255 100% White
18	White Fine	0	Fine byte of White

Full (continued)

Ch	Function	Default	DMX values
19	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)
20	Shutter / Strobe	0	0–10 Shutter Open 11–125 Strobe Slow 126–252 Strobe Medium 253–255 Strobe Fast
21	Color Macro1	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 PR 01 151–160 PR 02 161–170 PR 03 171–180 PR 04 181–190 PR 05 191–200 PR 06 201–210 PR 07 211–220 PR 08 221–230 PR 09 231–255 PR 10
22	Color Macro1Rate	0	0–126 Color Marco Slow 127–252 Color Marco Medium 253–255 Color Marco Fast
23	Intensity MSpeed	0	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
24	Zoom	128	0–127 narrow (8 Deg) 128–254 medium (24 Deg) 255–255 wide (40 Deg)
25	Zoom Reset	0	0–200 No Function (1) 201–220 Zoom Reset 221–255 No Function (2)