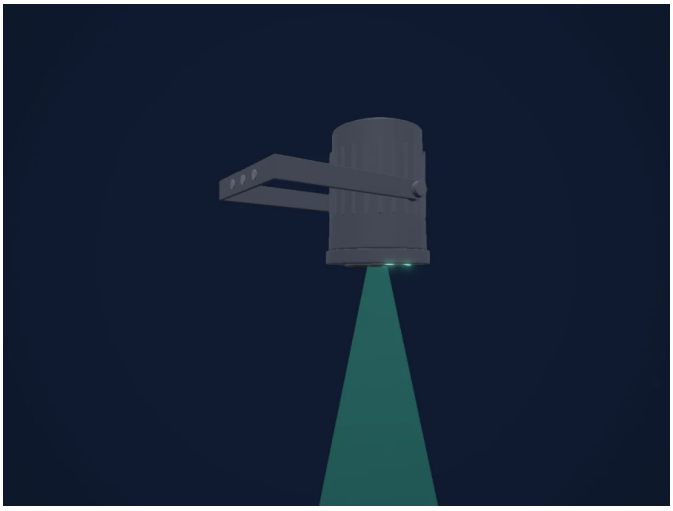
Showtec

Spectral M1500 Zoom



Manufacturer	**Showtec**
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)	**224 × 263 × 362 mm**
GDTF fixture type	**4A8A1B4B-07A6-5D2D-AC3D-D…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

ARC1 3 channels	3 ch
HSV 3 channels	3 ch
AR1.D 4 channels	4 ch
ARC.2 4 channels	4 ch
AR2.D 5 channels	5 ch
AR2.S 6 channels	6 ch
AR2.Z 7 channels	7 ch
TOUR 12 channels	12 ch
TR16 17 channels	17 ch
FULL 25 channels	25 ch

ARC1 3 channels

3 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	

HSV 3 channels

3 channels

Ch	Function	Default	DMX values
1	H SBHue	0	
2	H SBSaturation	0	
3	H SBBrightness	0	

AR1.D 4 channels

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	0	
3	Green	0	
4	Blue	0	

ARC.2 4 channels

4 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	

AR2.D 5 channels

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	0	
3	Green	0	
4	Blue	0	
5	White	0	

AR2.S 6 channels

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	0	
3	Green	0	
4	Blue	0	
5	White	0	
6	Shutter / Strobe	0	0–9 Strobe off (Not functional) 10–255 Strobe flash frequency, from slow to fast 1–20 Hz

AR2.Z 7 channels

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	0	
3	Green	0	
4	Blue	0	
5	White	0	
6	Zoom	0	
7	Zoom Reset	0	0–200 Not functional 201–220 Zoom reset 221–255 Not functional

TOUR 12 channels

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	0	
3	Green	0	
4	Blue	0	
5	White	0	
6	Color Macro1	0	0–10 No macro (Not functional) 11–30 Red 100% / Green Up / Blue 0% 31–50 Red Down / Green 100% / Blue 0% 51–70 Red 0% / Green 100% / Blue Up 71–90 Red 0% / Green Down / Blue 100% 91–110 Red Up / Green 0% / Blue 100% 111–130 Red 100% / Green 0% / Blue Down 131–150 Red 100% / Green Up / Blue Up 151–170 Red Down / Green Down / Blue 100% 171–200 Red 100% / Green 100% / Blue 100% / White 100% 201–205 White 1: 3200K 206–210 White 2: 3400K 211–215 White 3: 4200K 216–220 White 4: 4900K 221–225 White 5: 5600K 226–230 White 6: 5900K 231–235 White 7: 6500K 236–240 White 8: 7200K 241–245 White 9: 8000K 246–250 White 10: 8500K 251–255 White 11: 10000K
7	Shutter / Strobe	0	0–9 Strobe off (Not functional) 10–255 Strobe flash frequency, from slow to fast 1–20 Hz

TOUR 12 channels (continued)

Ch	Function	Default	DMX values
8	Effect	0	0–40 Programs off (Not functional) 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 Custom 1 151–160 Custom 2 161–170 Custom 3 171–180 Custom 4 181–190 Custom 5 191–200 Custom 6 201–210 Custom 7 211–220 Custom 8 221–230 Custom 9 231–255 Custom 10
9	Effect Speed	0	
10	Dimmer Curve	0	0–9 Preset dimmer speed from the device's menu 10–29 Linear dimmer 30–69 Non-linear dimmer 1 (fastest) 70–129 Non-linear dimmer 2 130–189 Non-linear dimmer 3 190–255 Non-linear dimmer 4 (slowest)
11	Zoom	0	
12	Zoom Reset	0	0–200 Not functional 201–220 Zoom reset 221–255 Not functional

TR16 17 channels

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	0	
4	Red Fine	0	Fine byte of Red
5	Green	0	
6	Green Fine	0	Fine byte of Green
7	Blue	0	
8	Blue Fine	0	Fine byte of Blue
9	White	0	
10	White Fine	0	Fine byte of White

TR16 17 channels (continued)

Ch	Function	Default	DMX values
11	Color Macro1	0	0–10 No macro (Not functional) 11–30 Red 100% / Green Up / Blue 0% 31–50 Red Down / Green 100% / Blue 0% 51–70 Red 0% / Green 100% / Blue Up 71–90 Red 0% / Green Down / Blue 100% 91–110 Red Up / Green 0% / Blue 100% 111–130 Red 100% / Green 0% / Blue Down 131–150 Red 100% / Green Up / Blue Up 151–170 Red Down / Green Down / Blue 100% 171–200 Red 100% / Green 100% / Blue 100% / White 100% 201–205 White 1: 3200K 206–210 White 2: 3400K 211–215 White 3: 4200K 216–220 White 4: 4900K 221–225 White 5: 5600K 226–230 White 6: 5900K 231–235 White 7: 6500K 236–240 White 8: 7200K 241–245 White 9: 8000K 246–250 White 10: 8500K 251–255 White 11: 10000K
12	Shutter / Strobe	0	0–10 Strobe off (Not functional) 11–255 Strobe flash frequency, from slow to fast 1–20 Hz
13	Effect	0	0–40 Programs off (Not functional) 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 Custom 1 151–160 Custom 2 161–170 Custom 3 171–180 Custom 4 181–190 Custom 5 191–200 Custom 6 201–210 Custom 7 211–220 Custom 8 221–230 Custom 9 231–255 Custom 10
14	Effect Speed	0	
15	Dimmer Curve	0	0–9 Preset dimmer speed from the device's menu 10–29 Linear dimmer 30–69 Non-linear dimmer 1 (fastest) 70–129 Non-linear dimmer 2 130–189 Non-linear dimmer 3 190–255 Non-linear dimmer 4 (slowest)
16	Zoom	0	
17	Zoom Reset	0	0–200 Not functional 201–220 Zoom reset 221–255 Not functional

FULL 25 channels

25 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	0	
4	Red Fine	0	Fine byte of Red
5	Green	0	
6	Green Fine	0	Fine byte of Green
7	Blue	0	
8	Blue Fine	0	Fine byte of Blue
9	White	0	
10	White Fine	0	Fine byte of White
11	Red	0	
12	Red Fine	0	Fine byte of Red
13	Green	0	
14	Green Fine	0	Fine byte of Green
15	Blue	0	
16	Blue Fine	0	Fine byte of Blue
17	White	0	
18	White Fine	0	Fine byte of White
19	Color Macro1	0	0–10 No macro (Not functional) 11–30 Red 100% / Green Up / Blue 0% 31–50 Red Down / Green 100% / Blue 0% 51–70 Red 0% / Green 100% / Blue Up 71–90 Red 0% / Green Down / Blue 100% 91–110 Red Up / Green 0% / Blue 100% 111–130 Red 100% / Green 0% / Blue Down 131–150 Red 100% / Green Up / Blue Up 151–170 Red Down / Green Down / Blue 100% 171–200 Red 100% / Green 100% / Blue 100% / White 100% 201–205 White 1: 3200K 206–210 White 2: 3400K 211–215 White 3: 4200K 216–220 White 4: 4900K 221–225 White 5: 5600K 226–230 White 6: 5900K 231–235 White 7: 6500K 236–240 White 8: 7200K 241–245 White 9: 8000K 246–250 White 10: 8500K 251–255 White 11: 10000K
20	Shutter / Strobe	0	0–9 Strobe off (Not functional) 10–255 Strobe flash frequency, from slow to fast 1–20 Hz

FULL 25 channels (continued)

Ch	Function	Default	DMX values
21	Effect	0	0–40 Programs off (Not functional) 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 Custom 1 151–160 Custom 2 161–170 Custom 3 171–180 Custom 4 181–190 Custom 5 191–200 Custom 6 201–210 Custom 7 211–220 Custom 8 221–230 Custom 9 231–255 Custom 10
22	Effect Speed	0	
23	Dimmer Curve	0	0–9 Preset dimmer speed from the device's menu 10–29 Linear dimmer 30–69 Non-linear dimmer 1 (fastest) 70–129 Non-linear dimmer 2 130–189 Non-linear dimmer 3 190–255 Non-linear dimmer 4 (slowest)
24	Zoom	0	
25	Zoom Reset	0	0–200 Not functional 201–220 Zoom reset 221–255 Not functional

Fixture model: gdtf-showtec-spectral-m1500-zoom-2611098201
Original HitLight geometry, scripted locally by the HitLight fixture agent from the manufacturer manual's published dimension and line drawin…
Creator: HitLight