

## Specifications

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### Part numbers

Projector	<b>1080p 500:</b> 106-241, <b>with SDI:</b> 108-642, <b>1080p 250:</b> 106-242, <b>with SDI:</b> 108-641, <b>sx+ 500:</b> 105-925 <b>HD 500:</b> 105-948, <b>HD-250:</b> 106-240, <b>XG 500:</b> 106-239		
Power cable 10A, Europe	102-163	United Kingdom	102-180
Power cable 13A, North America	102-165	Rigging frame	104-923
Remote control	105-023	4x AAA batteries	105-922
Remote cable 5m	102-162		
User manual on CD	105-923	Important Information	105-924
Lamp module	001-742	Air filter	102-064

#### **Lenses sx+ 500**

0.73 : 1 fixed lens	105-607
1.2 : 1 fixed lens (3 - 15m)	105-608
1.2 : 1 fixed lens (1.2 - 2.0m)	105-609
1.26 - 1.61 : 1 zoom lens	109-236
1.5 - 2.02 : 1 zoom lens	105-610
2.02 - 2.77 : 1 zoom lens	105-611
2.77 - 4.51 : 1 zoom lens	105-612
4.51 - 7.53 : 1 zoom lens	105-613
7.5 - 11.2 : 1 zoom lens	109-235

#### **Lenses 1080p 500/250**

0.67 : 1 fixed lens	105-607
1.12 : 1 fixed lens (3 - 15m)	105-608
1.12 : 1 zoom lens (1.2 - 2m)	105-609
1.16 - 1.49 : 1 zoom lens	109-236
1.39 - 1.87 : 1 zoom lens	105-610
1.87 - 2.56 : 1 zoom lens	105-611
2.56 - 4.16 : 1 zoom lens	105-612
4.16 - 6.96 : 1 zoom lens	105-613
6.92 - 10.36 : 1 zoom lens	109-235

#### **Lenses HD 500/250**

0.63 : 1 fixed lens	001-734
0.96 : 1 fixed lens	001-735
1.2 - 1.44 : 1 zoom lens	001-736
1.44 - 1.8 : 1 zoom lens	001-737
1.8 - 2.4 : 1 zoom lens	001-738
2.4 - 3.6 : 1 zoom lens	001-739
3.6 - 5.6 : 1 zoom lens	001-740

#### **Lenses XG 500**

0.8 : 1 fixed lens	001-734
1.2 : 1 fixed lens	001-735
1.5 - 1.8 : 1 zoom lens	001-736
1.8 - 2.25 : 1 zoom lens	001-737
2.25 - 3.0 : 1 zoom lens	001-738
3.0 - 4.5 : 1 zoom lens	001-739
4.5 - 7.0 : 1 zoom lens	001-740

#### **High Brightness**

105-607
105-608
105-609
109-236
105-610
105-611
105-612
105-613
109-235

#### **High Contrast**

107-195
105-608
105-609
109-359
107-196
107-197
107-198
107-199
109-358

#### **High Brightness**

001-734
001-735
001-736
001-737
001-738
001-739
001-740

#### **High Contrast**

102-373
102-835
102-374
102-375
102-376
102-377
102-378

### Optical

Digital Light Processor

**1080p 500/250:** 3 x 0.95" Texas Instruments DMD™, resolution 1920 x 1080 pixels

**sx+ 500:** 3 x 0.94" Texas Instruments DMD™, resolution 1400 x 1050 pixels

**HD 500/250:** 3 x 0.8" Texas Instruments DMD™, resolution 1280 x 720 pixels

**XG 500:** 3 x 0.7" Texas Instruments DMD™, resolution 1024 x 768 pixels

Contrast Ratio	<b>1080p 500:</b> >2000:1 <b>250:</b> >5000:1 full field ( $\pm 10\%$ ) <b>sx+ 500:</b> >1600:1 full field ( $\pm 10\%$ ) <b>HD 500:</b> >1200:1 full field ( $\pm 10\%$ ) (High Brightness lens) <b>HD 250:</b> >4000:1 full field ( $\pm 10\%$ ) (High Contrast lens) <b>XG 500:</b> >1200:1 full field ( $\pm 10\%$ )
Pixel fill factor	<b>1080p:</b> 87%, <b>sx+, HD, XG:</b> 90%
Lamp power	<b>500:</b> 2 x 250W, <b>250:</b> 1 x 250W
Lamp life (typical)	<b>500:</b> 1500 hours in dual lamp mode , 3000 in single lamp mode <b>250:</b> 1500 in single lamp mode
Brightness	<b>1080p 500:</b> 6000 ANSI lumens ( $\pm 10\%$ ) in dual lamp mode <b>1080p 250:</b> 2000 ANSI lumens ( $\pm 10\%$ ) <b>sx+ 500:</b> 5500 ANSI lumens ( $\pm 10\%$ ) in dual lamp mode <b>HD 500:</b> 4500 ANSI lumens dual lamp (High Brightness lens) <b>HD 250:</b> 1600 ANSI lumens ( $\pm 10\%$ ) (High Contrast lens) <b>XG 500:</b> 4500 ANSI lumens ( $\pm 10\%$ ) in dual lamp mode
Colour temperature	Native: 7500°K ( $\pm 1000^\circ$ K), White balance adjustment: 3000°K - 10000°K

## Electrical

Inputs	RGB1, RGB2, DVI, Composite Video, S-Video, Component. <b>sx+ 500 and 1080p only:</b> and SDI
Pixel clock	up to 165MHz
Control inputs	1 x LAN 1 x wifi LAN (FCC ID: R68WIPORT) 1 x RS232 serial: 19200 baud, 8 bits, 1 stop bit, no parity 1 x remote control
Mains voltage	100-230 VAC $\pm 10\%$ , 48-62Hz (single phase)
Power consumption	<b>500:</b> 750 W, <b>250:</b> 500W
International Regulations	Meets FCC Class A requirements Meets EMC Directives (EN 55022, EN 55024, EN 55103) Meets Low Voltage Directive (EN60950)
Indicators	Input, Power, Shutter, Error, IR, Lamp 1, Lamp 2 ( <b>500</b> only)

## Physical

Operating Temperature	0 to 40°C
Storage Temperature	-10 to 50°C
Thermal Dissipation	<b>500:</b> 2600 BTU/hr, <b>250:</b> 1733 BTU/hr
Operating Humidity	20% to 80% non-condensing
Weight	approximately 27 kg (60 lbs)



FCC WIFI ID, R68WIPORT