**Actual lamp life will vary by individual lamp and based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.**

**Actual filter life will vary by individual filter and based on environmental conditions, selected operating mode, user settings and usage. Hours of average filter life specified are not guaranteed and do not constitute part of the product warranty.**

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### Accessories and Lenses

**Supplied Accessories**
- Remote control
- Power cord
- Computer cable
- AA batteries x2
- Lens cover
- Adapter cover
- Security label
- User’s manual CD
- User’s manual
- Application CD

**Optional Accessories**
- Wireless adapter (USBWL11N)
- HAS-9110 bracket
- HAS-204L standard adapter
- HAS-304H long adapter
- Wired remote HL03131

### Replacement Parts

- **Lamp**
  - DT01931

- **Remote Control**
  - HL03037

- **Filter**
  - UX41161

### Specifications

#### Display

- **Projection Technology**
  - 3LCD, 3 chip technology

- **Resolution**
  - WXGA 1920 x 1200

- **White Light Output**
  - 5,200 ANSI lumens

- **Color Light Output**
  - 5,200 ANSI lumens

- **Colors**
  - 16.7 million colors

- **Aspect Ratio**
  - Native 16:10 / 4:3, 14:9 and 16:9 compatible

- **Contrast Ratio**
  - 10,000 : 1 (using active IRIS)

- **Throw Ratio (distance : width)**
  - 1:4 - 2.3 : 1

- **Focus Distance**
  - 33" - 597"

- **Display Size**
  - 30" - 300"

#### Lens & Operation

- **Lens**
  - f = 19.8 - 33.9, x 1.7 manual zoom, focus & lens shift

- **Lamp Wattage**
  - 300W

- **Expected Lamp Life**
  - Approximately 4,000 hours (standard mode)

- **Expected Filter Life**
  - Approximately 10,000 hours

- **Speaker Output**
  - 16W

- **Keystone**
  - H and V: +/- 30º

#### Compatibility

- **Computer**
  - VGA, SVGA, XGA, WXGA, WXGA+/SXGA/SXGA+/WSXGA+/UXGA/WXGA, MAC 16"

- **H-Sync**
  - 15 kHz - 106 kHz

- **V-Sync**
  - 50 Hz - 120 Hz

- **Composite Video**
  - NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM

- **Component Video**
  - 480i, 480p, 576i, 720p, 1080i, 1080p

- **HDMI**
  - 480i, 480p, 576i, 720p, 1080i, 1080p

#### Connectors

- **Digital Input**
  - HDMI x 2, HDBaseT x 1

- **HDMI Output**
  - HDMI x 1

- **Computer Input 1**
  - 15-pin mini D-sub x 1

- **Computer Monitor Output**
  - 15-pin mini D-sub x 1, HDMI x 1

- **Video Input**
  - S-Video
  - RCA jack x 1

- **Composite Video**
  - RCA jack x 1

- **Component Video**
  - 15-pin mini D-sub x 1 (shared with computer input)

- **Audio Input**
  - 3.5 mm stereo mini jack x 1, RCA jack (L/R) x 1

- **Audio Output**
  - 3.5 mm stereo mini jack x 1

- **Network LAN Wired**
  - RJ-45 port (10 base-T / 100 base-TX)

- **Network LAN Wireless**
  - USB-A, IEEE802.11 b/g/n - optional wireless adapter required

- **HDBaseT**
  - RJ-45 port x 1

- **USB**
  - Type A x 1 (wireless network)

- **Control Terminals**
  - 9-pin D-sub x 1 [RS-232 control]

#### Ratings & Warranty

- **Power Supply**
  - AC 100-120V/220-240V, 50/60Hz

- **Power Consumption**
  - 440W / 420W

- **Operating Temperature**
  - 32°F - 95°F (0°C-35°C) (Standard)
  - 32°F - 104°F (0°C-40°C) (Eco Mode)

- **Dimensions (W x D x H)**
  - 18.1" x 13.1" x 5.4" (excluding protruding parts)

- **Weight**
  - Approximately 14 lbs.

- **Approvals**
  - UL 60950-1 / cUL, FCC Part 15 subpart B class A

- **Warranty**
  - 3 year limited parts and labor

* Extended Service Contract available (additional cost)

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**Projection Throw Chart (In inches)**

<table>
<thead>
<tr>
<th>Screen Size 16:10</th>
<th>Throw Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Diagonal</td>
</tr>
<tr>
<td>30</td>
<td>25</td>
</tr>
<tr>
<td>60</td>
<td>51</td>
</tr>
<tr>
<td>80</td>
<td>68</td>
</tr>
<tr>
<td>100</td>
<td>85</td>
</tr>
<tr>
<td>200</td>
<td>170</td>
</tr>
<tr>
<td>300</td>
<td>254</td>
</tr>
</tbody>
</table>

Throw Ratio: 1.4 - 2.3 :1 (distance : width)