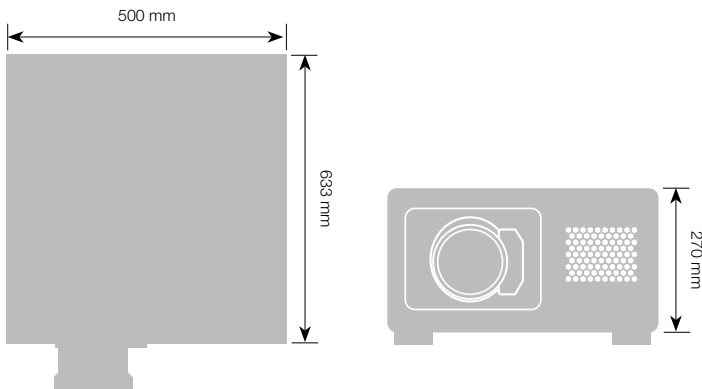


CP-WU13K

Technical Specifications

HITACHI
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| Projection distances for lenses (16:10) | | | | | | | | | | | | | | |
|---|-------|-------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Screen size | | | FL-K01 | | FL-K02 | | SL-K03 | | ML-K04 | | LL-K05 | | UL-K06 | |
| Diagonal | H (m) | V (m) | Fixed (m) | Fixed (m) | Min. (m) | Max. (m) | Min. (m) | Max. (m) | Min. (m) | Max. (m) | Min. (m) | Max. (m) | Min. (m) | Max. (m) |
| 80" (2.0m) | 1.6 | 1.2 | 1.2 | - | - | - | - | - | - | - | - | - | - | - |
| 100" (2.5m) | 2.0 | 1.5 | 1.4 | - | - | - | 4.0 | 5.5 | - | - | - | - | - | - |
| 150" (3.8m) | 3.0 | 2.3 | 2.2 | 3.6 | 4.5 | 6.0 | 6.0 | 8.3 | - | - | - | 13.4 | 22.5 | - |
| 200" (5.0m) | 4.1 | 3.0 | 2.9 | 4.8 | 6.0 | 8.1 | 8.1 | 11.0 | 11.0 | 17.9 | 17.9 | 30.0 | - | - |
| 300" (7.6m) | 6.1 | 4.6 | - | 7.2 | 9.0 | 12.1 | 12.1 | 16.5 | 16.5 | 26.9 | 26.9 | 45.0 | - | - |
| 400" (10.1m) | 8.1 | 6.1 | - | 9.6 | 12.0 | 16.1 | 16.1 | 22.1 | 22.1 | 35.8 | 35.8 | 60.0 | - | - |
| 500" (12.7m) | 10.2 | 7.6 | - | 12.1 | 15.0 | 20.1 | - | - | 27.6 | 44.8 | 44.8 | 75.0 | - | - |
| Throw ratio | | | 0.67 | 1.11 | 1.39 | 1.87 | 1.87 | 2.56 | 2.56 | 4.16 | 4.16 | 6.96 | | |

OPTICAL

| | | |
|------------------------------|-------------|--|
| Panel | | 0.96" (2.4cm) DMD x 3 |
| Resolution | | 1920 x 1200 |
| Brightness | Normal Mode | 13,000 ANSI Lumens |
| | Eco Mode | 10,060 ANSI Lumens |
| Contrast ratio | | 2000:1 |
| Lens | | Lens not supplied (see optional lenses) |
| Lamp | | 465W x 2 (Normal Mode)/360W x 2 (Eco Mode) |
| Lamp life | | 2000 hours (Normal Mode)/2500 hours (Eco Mode)* |
| Diagonal display size | | 100"~400" (2.54m~10.16m) (Standard lens: ML-K04) |
| Lens shift | | Vertical: -25~+50% (excluding FL-K01 optional lens) Horizontal: -10~+10% (excluding FL-K01 optional lens) |
| Number of colours | | 1.07 billion colours |
| Focus distance | | 4.0m~24m (Standard lens: ML-K04) |
| Distance to width ratio (:1) | | 1.87~2.56 (Standard lens: ML-K04) |

COMPATIBILITY

| | |
|----------------------------|--|
| Computer compatibility | IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, WSXGA+, UXGA, WUXGA, MAC 16" |
| Component video/HDMI video | 525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 1125p(1080p@50/60), 750p(720p@50/60) |
| 3D DVI | 1920x1080@120Hz, 1920x1080@100Hz, 1920x1080@60Hz, 1920x1200@120Hz, 1920x1200@100Hz, 1920x1200@60Hz |
| SDI | NTSC, PAL, 1035i@60Hz, 1080i@59Hz, 1080i@60Hz, 1080P@30Hz, 1080P@25Hz, 1080i@50Hz, 1080P@24Hz, 720P@60Hz, 720P@50Hz, 1080Sf@25Hz, 1080Sf@30Hz, 1080P@50(3G_A)*, 1080P@59(3G_A), 1080P@60(3G_A), 1080P@50(3G_B), 1080P@59(3G_B), 1080P@60(3G_B) |
| Plug & Play | DDC2B |

FEATURES

| | |
|-----------------------------|---|
| Basic functions | Auto signal search |
| Picture adjustments | Aspect selection, Mirror reverse image, Progressive scan |
| Digital keystone correction | Vertical $\pm 20^\circ$, Horizontal $\pm 35^\circ$ |
| Advanced features | 3D display, Edge blend, Framelock, Gamma correction selection, Lamp mode (Normal, Eco, power), Picture by Picture, Picture in Picture, Shutter by remote control, Warp (geometric correction), Dual lamp, DICOM Simulation Mode |
| Power on & off | Auto off |
| OSD languages | English, French, German, Spanish, Japanese, Simplified Chinese, Traditional Chinese, Korean, Portuguese |

CONNECTIONS

| | |
|--------------------|---|
| Digital input | 2 x HDMI (HDCP compatible), 1 x 3D DVI, 1 x SDI |
| Digital output | 1 x SDI |
| Computer input | 1 x 15-pin Mini D-sub, 1 x 5 BNC |
| Video input | 1 x 3 RCA, 1 x 15-pin Mini D-sub, 1 x 5 BNC |
| USB | 1 x USB Type B |
| 3D synchronization | 1 x BNC (in), 1 x BNC (out) |
| 12V trigger | 2 x Stereo mini jack |
| Control | 1 x 9-pin D-sub for RS-232C |
| Network | 1 x RJ-45 |

POWER

| | |
|---------------------------|----------------------------------|
| Power supply | AC90-143V / AC180-264V (50/60Hz) |
| Power consumption/Standby | 1250W/<3W (220V/AC/5.3A) |

PHYSICAL

| | |
|------------------------|---|
| Dimensions (W x H x D) | 500 x 633 x 270mm (excluding feet and extrusions) |
| Weight | 34kg (excluding lens) |
| Ambient temperature | Operating: 0~40°C/Storage: -20~60°C |
| Noise level | 46dB (Normal Mode)/42dB (Eco mode) |
| Filter | 10,000hrs |

CERTIFICATION

UL60950-1/cUL, FCC Part 15 subpart B class A, CE Marking: EN61000-3-2, EN61000-3-3, EN55022, EN55024 (EMC Directive), EN60950-1 (Low voltage directive), WEEE/RoHS/ErP (lot6, lot19) compliant, TUV GS, RCM class A, EAC

ACCESSORIES SUPPLIED

Remote control with batteries (HL03051), Power cord, RS-232C cable, EAC document, User manual (CD-ROM & printed sheet)

OPTIONAL ACCESSORIES

| | |
|------------------|---|
| Replacement lamp | DT01591 |
| Filter set | MU08321 (for front) MU08331 (for rear) |
| Lenses | FL-K01 (Ultra short throw lens) FL-K02 (Short throw lens) SL-K03 (Short throw zoom lens) ML-K04 (Standard zoom lens) LL-K05 (Long throw zoom lens) UL-K06 (Ultra long throw zoom lens) |

WARRANTY

| | |
|----------------|--------------------|
| Projector/Lamp | 3 Years/6 Months** |
|----------------|--------------------|



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*1. The stated lamp life refers to the average life expected in ideal operating conditions with usage in accordance with the manual. The majority of, but not all lamps and filters should achieve this figure. *2. 3G_A=3G LEVEL A, 3G_B=3G LEVEL B *3. Where a lamp fails within warranty and a replacement lamp is taken, the warranty for the replacement lamp will be a maximum of 6 months (dependent on warranty hours stated). HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. The specification above and photography is for reference only and may be subject to change.