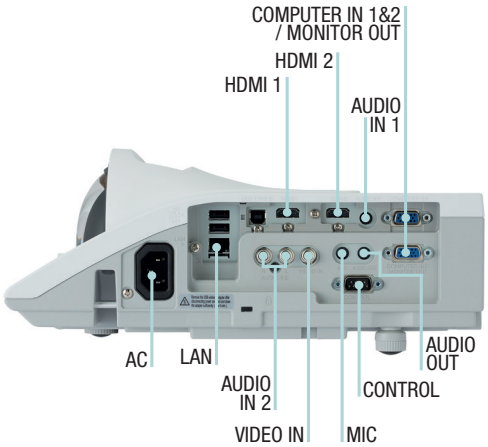
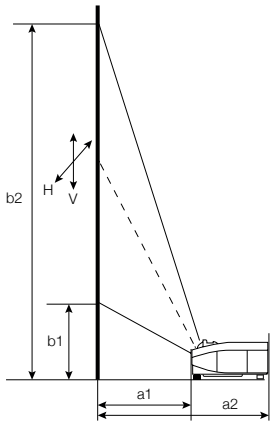
# CP-CX251N

HITACHI
Inspire the Next

## Technical Specifications




| THROW DISTANCE – XGA 4:3 | | | | | | |
|---|---|---|---|---|---|---|
| Screen size (diagonal) | H x V | | a1 | a2 | b1 | b2 |
| | (m) | (m) | (m) | (m) | (m) | (m) |
| 60" (1.52m) | 1.2 | 0.9 | 0.691 | 0.994 | 0.155 | 1.069 |
| 70" (1.78m) | 1.4 | 1.1 | 0.818 | 1.121 | 0.171 | 1.237 |
| 80" (2.03m) | 1.6 | 1.2 | 0.946 | 1.249 | 0.186 | 1.405 |
| 90" (2.29m) | 1.8 | 1.4 | 1.073 | 1.376 | 0.202 | 1.573 |
| 100" (2.54m) | 2.0 | 1.5 | 1.201 | 1.504 | 0.217 | 1.741 |
| 120" (3.05m) | 2.4 | 1.8 | 1.456 | 1.759 | 0.249 | 2.077 |
| 150" (3.81m | 3.0 | 2.3 | 1.838 | 2.141 | 0.295 | 2.581 |

| OPTICAL | |
|---|---|
| LCD panel | 0.63" (1.6cm) P-Si TFT x 3 |
| Resolution | XGA (1024 x 768) |
| White light output (brightness) | 2500 ANSI Lumens (Normal Mode) / 2050 ANSI Lumens (Eco Mode 1) / 1675 ANSI Lumens (ECO mode 2) |
| Colour light output (colour brightness) | 2500 ANSI Lumens(Normal Mode) / 2050 ANSI Lumens (Eco Mode 1) / 1675 ANSI Lumens (ECO mode 2) |
| Contrast ratio | 2000:1 |
| Lens | Manual focus, zoom: digital x 1.35 |
| Lamp wattage | 225W |
| Lamp life* | 5000 hours (Normal) / 8000 hours (Eco1) / 10000 (Eco2) |
| Diagonal display size | 60"-100" |
| Number of colours | 16.7 million |
| Keystone | Fixed 11.1:-1 upward shift |
| Focus distance | 0.691 ~ 1.838m |
| Distance to width ratio | 0.6:1 |

| COMPATIBILITY | |
|---|---|
| Computer compatibility | IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC 16" |
| Composite / S-Video | NTSC, PAL, SECAM, PAL-M, PAL-N, NTSC4.43 |
| Component video | 525i(480i), 525p(480p), 625i(576i), 1125i (1080i@50/60), 750p (720p@50/60), 1125p(1080p@50/60) |
| HDMI video | 525i(480i), 525p(480p), 625i(576i), 1125i (1080i@50/60), 750p (720p@50/60), 1125p(1080p@50/60) |
| Plug & play | DDC2B for computer 1 and HDMI input |

| FEATURES | |
|---|---|
| Speakers | 1W x 1 (mono) |
| Basic functions | Freeze, magnifying, blank, auto-power off, auto ECO mode, audio out, auto signal search, direct power on |
| Picture adjustments | Aspect selection (video, data, HDMI), equalizing digital gamma correction, equalizing colour temperature adjustment, 2-3 pull down for NTSC, mirror reverse image, up-side down image, progressive scan |
| Digital keystone correction | Vertical +/- 5 degrees |
| Advanced features | MyScreen, My Memory, My Button (by remote control), My Text, My Source, picture modes (normal, cinema, dynamic, blackboard, whiteboard, greenboard, daytime, photo), source naming (English), whiteboard, greenboard, daytime, photo), source naming (English), resolution setting, filter timer, stand-by audio, template, closed caption (for NTSC & component 480i only), framelock, eco mode (normal, eco, intelligent eco, saver), ImageCare™, ECO-1, ECO-2 |
| Outward | Easy lamp replace from top, easy access air filter |
| Power on & off | Direct on, auto off |
| Security systems | Security bar, PIN-lock, MyScreen password, key lock (key pad and remote control), Kensington slot, My Text password |
| Network | Projector Monitoring (Wired LAN), control from a remote location (Wired LAN), E-Mail alerts (Wired LAN), cloning function, easy schedule setting |
| OSD languages | 33 languages (English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkey, Arabian, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil), Indonesian, Vietnamese |

| CONNECTIONS | |
|---|---|
| Digital input | 1 x HDMI (HDCP compatible) |
| Computer input | 2 x 15-pin Mini D-sub |
| Monitor output | 1 x 15-pin Mini D-sub |
| Video input | RCA connector x 1 |
| Audio output | RCA (L/R) connector x 1 |
| Control | 1 x 9-pin D-sub for RS-232C control |
| USB | 1 x USB Type B |
| Network | 1 x RJ-45 |

| POWER | |
|---|---|
| Power supply | AC 100~120V/AC 220~240V (50/60 Hz) |
| Power consumption / standby | 290W/<0.5W (AC 220-240V) |

| PHYSICAL | |
|---|---|
| Dimensions (W x H x D) | 345 x 85 x 303mm (excluding feet and extrusions) |
| Weight | Approx 3.4kg |
| Noise level | 36dB (Normal Mode) / 32dB (Eco1) / 29dB (Eco2) |
| Air filter* | Hybrid (4000hrs) |

**MISCELLANEOUS**

Indicator lights (lamp, temp, power), ceiling mount image, rear projection image, serial number label on front, MAC address displayed on the side of projector

**CERTIFICATION**

UL60950-1/CUL, FCC PART 15 SUBPART B CLASS B, CE MARKING: EN61000-3-2, EN61000-3-3, EN55022 (CLASS B), EN55024 (EMC DIRECTIVE), EN60950-1 (LOW VOLTAGE DIRECTIVE), WEEE, ROHS, ERP (LOT6) COMPLIANT, C-TICK CLASS B

**ACCESSORIES SUPPLIED**

Power cable, computer cable, remote control with batteries, lens cover and cap, security label, user's manual (CD and book)

| OPTIONAL ACCESSORIES | |
|---|---|
| Replacement lamp | DT01511 |
| Remote Control | HL03035 |

| Warranty | |
|---|---|
| Projector / lamp | 3 Years / 6 Months** (For education and extended warranties please contact your local dealer) |

*The stated lamp and filter 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. **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. AMX and the AMX logo, and Device Discovery are all registered trademarks of AMX. Crestron® and RoomView™ are registered trademarks or trademark of Crestron Electronics, Inc. The specification above and photography is for reference only and may be subject to change.

HITACHI DIGITAL MEDIA, Hitachi Europe Ltd, Whitebrook Park, Lower Cookham Road, Maidenhead, Berkshire, SL6 8YA, UNITED KINGDOM
Tel: +44 (0)1628 585 000 Fax: +44 (0)1628 585 163 www.hitachidigitalmedia.com

The specification above and photography is for reference only and may be subject to change.