# CP-A222WNM

# ULTIMATE
究極 SHORT THROW

## ULTIMATE SHORT THROW XGA LCD PROJECTOR

The light weight and compact CP-A222WNM Ultimate Short Throw projector offers the highest quality images with a compelling design and low cost of ownership. With the bundled wall mount and optional table top kit you can project onto any existing whiteboard, wall or table top. Easy to install and flexible to use with optional wireless networking making the CP-A222WNM the ideal solution for any education or corporate environment.

### Performance

- XGA resolution (1024 x 768)
- 80" (2m) image from only 50cm*
- 2200 ANSI Lumens (Bright Mode)
- Full connectivity including HDMI
- Perfect Fit – adjust all four corners and sides of the image individually to achieve a square image
- Input Source Naming
- My Button
- Table top mount facility
- 10W speaker
- Anti theft features including:
  - PIN-Lock
  - MyScreen Lock
  - Transition Detector
  - Security bar

### Cost of ownership

- Extended Hybrid Filter life: 4000hr cleaning cycle
- Extended lamp life: 5000hrs (Normal Mode)
- Virtually maintenance free
- Easy set up and installation - New on screen installation guide
- Power Saving Mode (ImageCare™)
- Wall mount included in the box

### Advanced Network Features

- Full connectivity including 1 x RJ-45
- Optional wireless networking†
- Configure and control projector via network with a web browser
- Projector management via SNMP
- Content via LAN
- AMX Device Discovery
- Messenger
- Cloning function
- PJ Link™
- Network Bridge
- iOS Connectivity

### Environment

- The extended Hybrid Filter life means reduced electronic waste and reduced maintenance visits, resulting in an overall reduction in carbon footprint
- ImageCare™ - The combination of Eco and Saver Modes conserve energy

*Hitachi have formulated an "Environmental Vision" to contribute towards building a sustainable society through business and product development.*

*Our goal is to develop life-enhancing technology that will contribute to and realise a truly sustainable society for current and future generations.*

*From centre of mirror to screen.
†Wireless is optional on this model (USB wireless adapter sold separately).

3LCD HYBRID FILTER HDMI AMX DEVICE DISCOVERY LAN ImageCare

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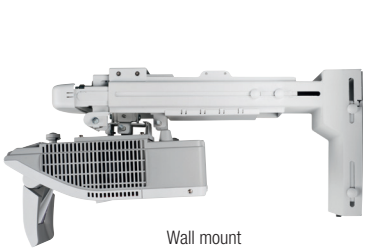
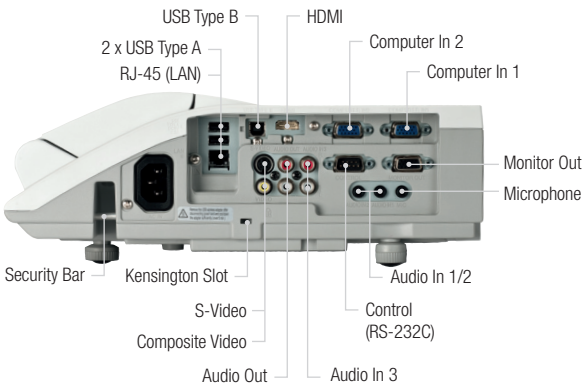
# CP-A222WNM

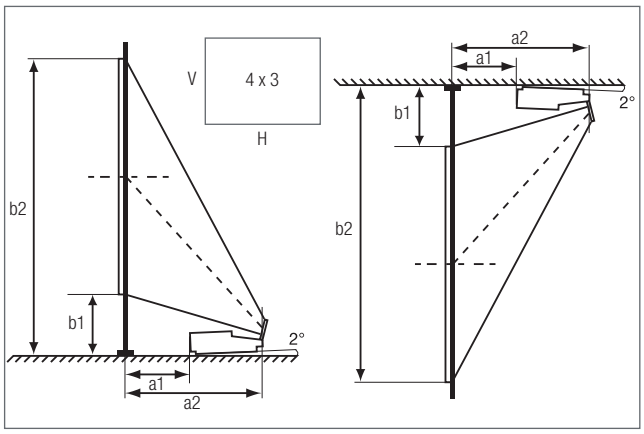
## Technical Specifications



Wall mount

Table mount (optional)




| Throw distance (from the top of the lens) | | | | | | |
|---|---|---|---|---|---|---|
| Screen size (diagonal) | H x V | | a1 | a2 | b1 | b2 |
| | (m) | (m) | (m) | (m) | (m) | (m) |
| 60" (1.5m) | 1.2 | 0.9 | 0.096 | 0.373 | 0.281 | 1.196 |
| 70" (1.8m) | 1.4 | 1.1 | 0.161 | 0.437 | 0.317 | 1.384 |
| 80" (2.0m) | 1.6 | 1.2 | 0.225 | 0.501 | 0.352 | 1.571 |
| 90" (2.3m) | 1.8 | 1.4 | 0.289 | 0.566 | 0.387 | 1.759 |
| 100" (2.5m) | 2.0 | 1.5 | 0.353 | 0.630 | 0.423 | 1.947 |

| OPTICAL | |
|---|---|
| LCD panel | 0.63" (1.6cm) P-Si TFT x3 |
| Resolution | XGA (1024 x 768) |
| Light output (brightness) | 2200 ANSI Lumens (Bright Mode)/1500 ANSI Lumens (Normal Mode) |
| Colour light output (colour brightness) | 2200 ANSI Lumens (Bright Mode)/1500 ANSI Lumens (Normal Mode) |
| Contrast ratio | 4000:1 |
| Lens | Free shaped lens and motorised free shaped mirror |
| Lamp Wattage | 215 W |
| Lamp life | 3000 Hours (Bright Mode)/5000 Hours (Normal Mode)* |
| Focus distance | 0.4m~0.7m (from mirror top to screen plane) |
| Distance to width ratio (:1) | 0.3:1 (fixed) |
| Diagonal display size | 60~100" (152~254cm) |
| Number of colours | 8 Bit/colour, 16.7M colours |
| Keystone | Fixed, 6.1:-1 upward shift, Normal at 71.1° projection angle |
| **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), 1125p(1080p@50/60), 750p(720p@50/60) |
| HDMI | 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60) |
| Plug & Play | DDC2B |
| **FEATURES** | |
| Speakers | 10W x 1 Mono |
| Basic functions | Freeze, Magnifying, Blank, Auto adjustment, Mirror reverse image, Up-side down image, Auto signal search |
| Picture adjustments | Digital Zoom x 1.35, Equalising Digital Gamma Correction, 2-3 pull down for NTSC, Progressive Scan, Noise reduction, Aspect selection 4:3/16:9/16:10/14:9/Native - dependant on source, Equalising colour temperature adjustment, Perfect Fit |
| Digital keystone | Horizontal ±5°, Vertical ±5° |
| Advanced features | Drawing function (optional wireless tablet TB-1 required), My Screen, My Memory, My Button by remote control, My Source, My Text, Picture mode (8 modes), Source naming (English), Resolution setting, Template, Saving mode, Audio pass through, Cloning, Audio sound mixing, Audio out (standby) and monitor out/selectable source with menu, Eco Mode (Normal, Eco, Intelligent Eco, Saver), Filter timer/selectable interval time, PC-less Presentation (JPEG, PNG, BMP, GIF, AVI, MOV), Stand-by Audio, On screen installation guide, iOS Connectivity |
| Outward | Easy Lamp replace from Top, Rear intake air filter |
| Power on & off | Direct on, Auto off, Auto eco mode |
| Security systems | PIN Security Lock, Myscreen Password Lock, Transition Detector, My Text Password Lock, Key Lock (key pad, remote control), Kensington slot, Security bar, Lens door lock |
| Network | Configure and control projector via web browser, Failure and warning alerts via e-mail, Scheduling, My Image (still image transfer display), Displaying text data transferred via the network, Command Control via network, Crestron RoomView® (not accessible through wireless adapter), AMX Device Discovery, Projector management via SNMP, PJ Link™, Network Bridge, Network Presentation (PC still picture transfer), MAC address on side, USB Display |
| OSD languages options | 33, including: English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Swedish, Russian, Finnish, Polish, Turkey, Arabic, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian |
| **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 | 1 x RCA Jack (for composite), 1 x S-Video Jack, 2 x Component D-sub (shared with analogue computer in 1/2) |
| Audio input | 2 x Stereo Mini Jack, 1 x pair RCA (L/R), 1 x Microphone Jack |
| Audio output | 1 x pair RCA (L/R) |
| Control | 1 x 9-pin D-sub for RS232 control |
| USB | 2 x USB type A, 1 x USB type B |
| Wired network | 1 x RJ-45 |
| Wireless network | Option, IEEE801.11b/g/n ready (optional wireless adapter required) |
| **POWER** | |
| Power supply | AC100-120V/220-240V, auto switching |
| Power consumption/standby | 300W (AC220-240V)/<0.35W |
| **PHYSICAL** | |
| Dimensions (W x H x D) | 345 x 85 x 303mm (excluding feet and extrusions when mirror is closed) |
| Weight | 3.8Kg |
| Noise level | 34dB (Bright)/28dB (Normal) |
| Ambient temperature | Operating 0°C~40°C, Storage -20°C~60°C |
| Air filter | Hybrid |
| **MISCELLANEOUS** | |
| Lamp indicator light, power light, ceiling mount image, rear projection image, serial number label on side, Tabletop use (optional stand is required) | |
| **CERTIFICATION** | |
| UL60950-1/ cUL, FCC Part15 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 (Australia/New Zealand), GOST-R (Russia) | |
| **ACCESSORIES SUPPLIED** | |
| Remote control with batteries, RGB cable, power cord, cable cover, security label, user manual (detail & concise), application CD, wall mount (HAS-K250), adapter cover | |
| **OPTIONAL ACCESSORIES** | |
| Replacement lamp | DT01381 |
| Table top stand | TT-251 |
| Wireless pen tablet | TB-1 |
| Interactive camera unit | IM-1 |
| USB wireless adapter | USB-WL-11N |
| **WARRANTY** | |
| Projector warranty | 3 Years |
| Lamp warranty | 3 Years** |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*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 3 years (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. The specification above and photography is for reference only and may be subject to change.