CP-AW252WNM

ULTIMATE
究極 SHORT THROW



ULTIMATE SHORT THROW WXGA LCD PROJECTOR

The light weight and compact CP-AW252WNM 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-AW252WNM the ideal solution for any education or corporate environment.

Performance

- WXGA resolution (1280 x 800)
- 80" (2m) image from only 53cm*
- 2500 ANSI Lumens (Normal 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
- 16W 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 (Eco 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

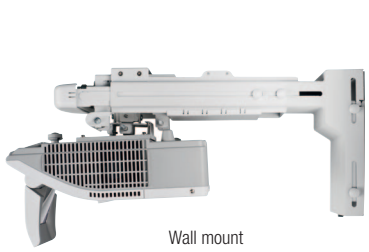
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CP-AW252WNM

Technical Specifications

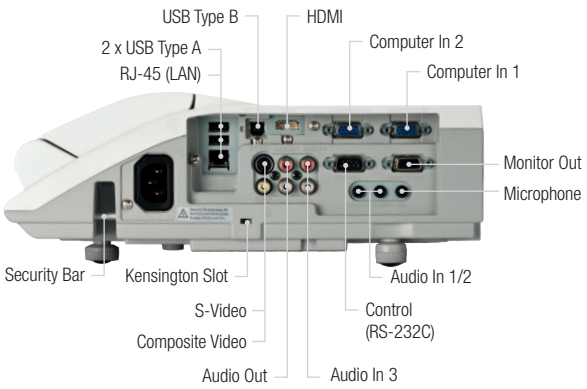


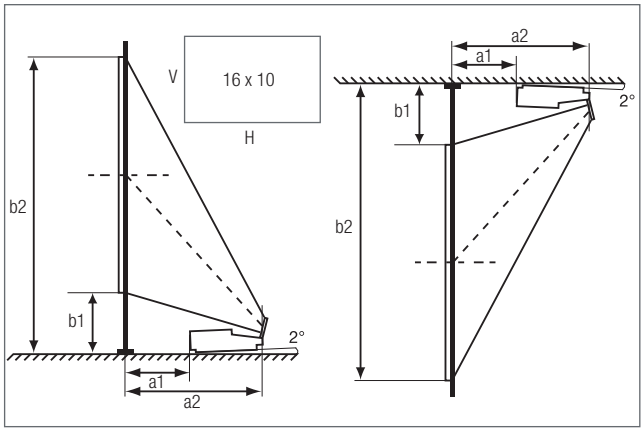


Wall mount



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)	1.3	0.8	0.120	0.396	0.295	1.102
70" (1.8m)	1.5	0.9	0.188	0.464	0.332	1.274
80" (2.0m)	1.7	1.1	0.256	0.532	0.369	1.446
90" (2.3m)	1.9	1.2	0.324	0.601	0.407	1.618
100" (2.5m)	2.2	1.3	0.392	0.669	0.444	1.791

OPTICAL	
LCD panel	0.59" (1.5cm) P-Si TFT x3
Resolution	WXGA (1280 x 800)
Light output (brightness)	2500 ANSI Lumens (Normal Mode)/1600 ANSI Lumens (Eco Mode)
Colour light output (colour brightness)	2500 ANSI Lumens (Normal Mode)/1600 ANSI Lumens (Eco Mode)
Contrast ratio	4000:1
Lens	Free shaped lens and motorised free shaped mirror
Lamp Wattage	215 W
Lamp life	3000 Hours (Normal Mode)/5000 Hours (Eco 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, 5.2:-1 upward shift, Normal at +68.3° projection angle
COMPATIBILITY	
Computer compatibility	IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, WSXGA+, 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	16W 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	310W (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 (Normal Mode)/28dB (Eco Mode)
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-K252), 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	6 Months/5000 Hours**

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