Ultimate Short Throw LCD Projectors

HITACHI
Inspire the Next

Town planning

Office building
Apartment building
Hospital
Street

• Projected image is a simulation.

ULTIMATE 究極
SHORT THROW
Large-screen projection even in small classrooms and meeting rooms

Ultimate Short Throw LCD Projectors

CP-AW252WN/CP-AW252WNM	**WXGA 2,500 Lumens**
CP-A302WN/CP-A302WNM	**XGA 3,000 Lumens**
CP-A222WN/CP-A222WNM	**XGA 2,200 Lumens**

Ultimate Interactive Short Throw LCD Projectors

| CP-AW2519N/CP-AW2519NM | **WXGA 2,500 Lumens** |

• Wall mount unit (HAS-K252): included with CP-AW252WNM/CP-A302WNM/CP-A222WNM.
  Wall mount unit (HAS-K250): included with CP-AW2519NM.
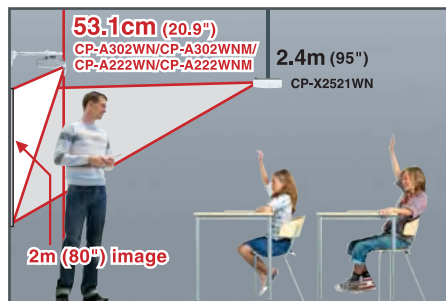• CP-AW2519N/CP-AW2519NM are not compatible with Crestron RoomView®.

AMX DEVICE DISCOVERY

CRESTRON connected

3LCD

Ultimate Short Throw and Network functions make lessons easier to conduct and easier to understand

Ultimate Short Throw LCD Projectors
CP-AW252WN/CP-AW252WNM
2,500 Lumens
WXGA

Ultimate Short Throw LCD Projectors
CP-A302WN/CP-A302WNM
3,000 Lumens
XGA

Ultimate Short Throw LCD Projectors
CP-A222WN/CP-A222WNM
2,200 Lumens
XGA

Ultimate Interactive Short Throw LCD Projectors
CP-AW2519N/CP-AW2519NM
2,500 Lumens
WXGA

● Wall mount unit (HAS-K252): included with CP-AW252WNM/CP-A302WNM/CP-A222WNM. Wall mount unit (HAS-K250): included with CP-AW2519NM.

ULTIMATE 究極
SHORT THROW

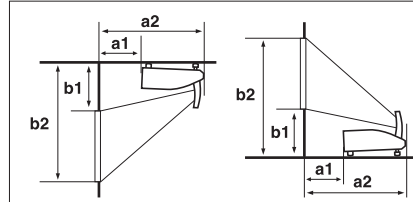## Ultimate Short Throw

■ Reduced Glare and Shadows

These projectors feature Ultimate Short Throw, for projecting a 2m (80 inches) image from only 53.1cm (20.9 inches)* onto a wall or whiteboard. Ultimate Short Throw greatly reduces glare from the projector's light source, making it easier for the teacher or presenter to see the audience. The audience also has a clearer view because the teacher's or presenter's hands and body shadows are minimized. The result is a better classroom or meeting room experience for both teachers or presenters and audience.

53.1cm (20.9")
CP-A302WN/CP-A302WNM/
CP-A222WN/CP-A222WNM
2.4m (95")
CP-X2521WN
2m (80") image

*CP-A302WN/CP-A302WNM/CP-A222WN/CP-A222WNM.
CP-AW252WN/CP-AW252WNM/CP-AW2519N/CP-AW2519NM
are 56.2cm (22.1 inches).

■ Precision Control Wall Mount Unit*.
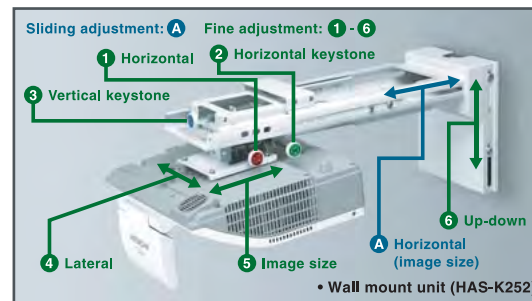
The wall mount unit ensures that the projector can be installed in exactly the right position. The entire unit slides horizontally, and fine adjustments can be made to each axis independently.

Sliding adjustment: A   Fine adjustment: 1 - 6
1 Horizontal   2 Horizontal keystone
3 Vertical keystone
4 Lateral   5 Image size
6 Up-down
A Horizontal (image size)
• Wall mount unit (HAS-K252)

* Wall mount unit (HAS-K252): included with CP-AW252WNM/CP-A302WNM/CP-A222WNM.
Wall mount unit (HAS-K250): included with CP-AW2519NM.
Do not attempt to install the projector yourself. Have your dealer or service center handle all installation work.

Projection Distance

Screen Size (16:10 Screen)	a1	a2	b1	b2
60 type (inch), 1.5m	0.120m (4.7")	0.426m (16.8")	0.295m (11.6")	1.102m (43.4")
70 type (inch), 1.8m	0.188m (7.4")	0.494m (19.5")	0.332m (13.1")	1.274m (50.2")
80 type (inch), 2.0m	0.256m (10.1")	0.562m (22.1")	0.369m (14.5")	1.446m (56.9")
90 type (inch), 2.3m	0.324m (12.8")	0.631m (24.8")	0.407m (16.0")	1.618m (63.7")
100 type (inch), 2.5m	0.392m (15.4")	0.699m (27.5")	0.444m (17.5")	1.791m (70.5")

CP-AW252WN/CP-AW252WNM/CP-AW2519N/CP-AW2519NM

Screen Size (4:3 Screen)	a1	a2	b1	b2
60 type (inch), 1.5m	0.096m (3.8")	0.403m (15.9")	0.281m (11.1")	1.196m (47.1")
70 type (inch), 1.8m	0.161m (6.3")	0.467m (18.4")	0.317m (12.5")	1.384m (54.5")
80 type (inch), 2.0m	0.225m (8.9")	0.531m (20.9")	0.352m (13.9")	1.571m (61.9")
90 type (inch), 2.3m	0.289m (11.4")	0.596m (23.4")	0.387m (15.2")	1.759m (69.2")
100 type (inch), 2.5m	0.353m (13.9")	0.660m (26.0")	0.423m (16.6")	1.947m (76.6")

CP-A302WN/CP-A302WNM/CP-A222WN/CP-A222WNM

• Manufacturer's recommended size is 60 type (inch), 1.5m – 100 type (inch), 2.5m.   • Tolerance ±8% (for projection distance a2)
• Final specifications may vary slightly.
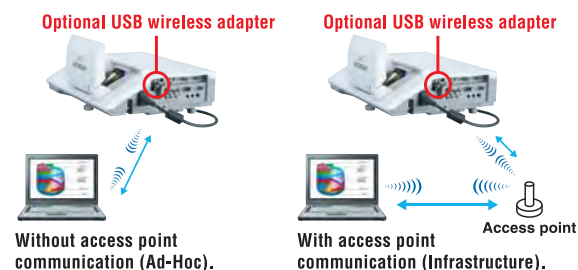
Advanced Network Functions*1

■ Wireless Capability (Option)*2

You can use a wireless network by connecting the projector to a computer using the optional USB wireless adapter. The adapter supports IEEE802.11b/g/n.
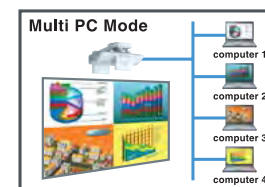
Wireless network functionality
Using the designated USB wireless adapter (option) enables the projector and computer to communicate in both the Ad-Hoc and Infrastructure modes.

Optional USB wireless adapter   Optional USB wireless adapter

Without access point communication (Ad-Hoc).
With access point communication (Infrastructure).   Access point

■ Network Presentations

You can project still or moving images from one or more networked computers. The Single PC mode lets you select one computer on the network, while the Multi PC mode lets you use up to four computers. Displaying various images from computers makes lessons and presentations much more effective.

Multi PC Mode
computer 1
computer 2
computer 3
computer 4

■ Messenger*3

The Messenger function transmits text data to the projector via a network, so the projector can display it. This is an easy and efficient way to send campus-wide announcements.
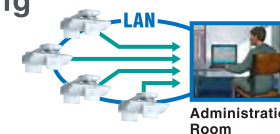
Messenger is ideal for:
• Campus Notifications • School Activities • Daily Schedules
• Community/Local News
• This function is not intended or guaranteed for the distribution of warning messages created by security systems.

■ Centralized Reporting

With just one computer in an administration room, you can collect reports from all projectors connected to the network.

LAN
Administration Room

*1 Video transfer through network may not be supported depending on combination of computer hardware and software. For projecting video sources, video/computer cable is preferable.
*2 CP-AW252WN/CP-AW252WNM/CP-A302WN/CP-A302WNM/CP-A222WN/CP-A222WNM
*3 This function will be provided later by software updates from the website http://www.hitachi-america.us/digitalmedia

■ Hardware and software requirements for network capability

OS: One of the following. Windows® XP Home Edition/Professional Edition, Windows Vista® Home Basic/Home Premium/Business/Ultimate /Enterprise (Service Pack 1 or later), Windows® 7 Starter/Home Basic/Home Premium/Professional/Ultimate/Enterprise **CPU:** Pentium® 4 (2.8 GHz or higher) **Graphic card:** 16 bit, XGA or higher (When using the "LiveViewer" it is recommended that the display resolution of your computer be set to 1024 x 768.) **Memory:** 512 MB or higher **Hard disk space:** 100 MB or higher **Web browser:** Internet Explorer® 6.0 or higher **CD-ROM drive**
• If many computers are connected to the network or the connected computer is under excessive load, higher specifications may be required.

Wireless Pen Tablet for Hitachi Projectors* TB-1

The Wireless Pen Tablet gives you interactive functions such as the ability to write or draw over images from a compatible Hitachi projector. You do not need to install computer software so setup is quick and easy.

• No software installation necessary
• PC-less interactive functions
• Write or draw over images on screen
• Plug and Press (with supplied wireless adapter)
• Easy-to-use tool bar with 6 shortcut keys
• Projector control function

* Compatible projectors: CP-AW252WN/CP-AW252WNM/CP-A302WN/CP-A302WNM/CP-A222WN/CP-A222WNM.

Ultimate Short Throw and superior features let you upgrade the look of your business meetings

Superior Convenient Features

■ 4,000 : 1 High Contrast Ratio (Presentation Mode)*
* CP-AW252WN/CP-AW252WNM/CP-A302WN/CP-A302WNM/CP-A222WN/CP-A222WNM

■ WXGA (1280 x 800)* and 720p Capability
Featuring WXGA (1280 x 800) resolution, these projectors are capable of displaying wide and large images. * CP-AW252WN/CP-AW252WNM/CP-AW2519N/CP-AW2519NM

■ Approximately 3.8kg (8.4 lbs.)* Light Weight
Even with their many functions, these projectors are light, with a weight of only 3.8kg (8.4 lbs). * CP-AW252WN/CP-AW252WNM/CP-A302WN/CP-A302WNM/CP-A222WN/CP-A222WNM
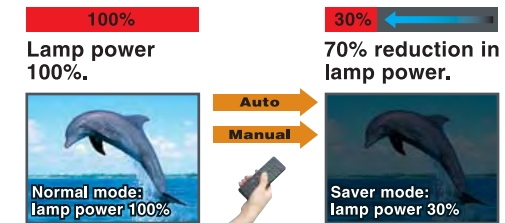
■ 16W* Internal Speaker
The projectors have a built-in 16W speaker.
* CP-AW252WN/CP-AW252WNM/CP-A302WN/CP-A302WNM

■ Saver Mode Based on ImageCare® Technology*
The Saver mode reduces lamp power by 70% compared to the normal mode, resulting in considerable energy savings. You can set the time for the Saver mode from 1 to 30 minutes. If the projected image does not change by the set time, the Saver mode is activated, reducing lamp brightness and lowering power consumption. You can also enter the Saver mode manually by pressing the My button.
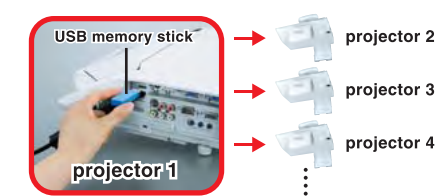* CP-AW252WN/CP-AW252WNM/CP-A302WN/CP-A302WNM/CP-A222WN/CP-A222WNM

100%
Lamp power 100%.

30%
70% reduction in lamp power.

Auto
Manual

Normal mode: lamp power 100%
Saver mode: lamp power 30%

■ Cloning*
Projector settings can be transferred to other projectors via a USB memory stick. This makes it easy to use other projectors without having to take the time to configure the settings.
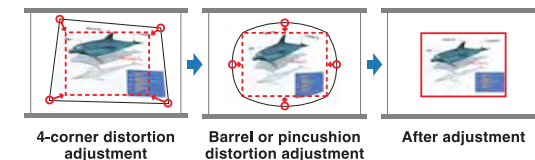* CP-AW252WN/CP-AW252WNM/CP-A302WN/CP-A302WNM/CP-A222WN/CP-A222WNM

USB memory stick
projector 1
projector 2
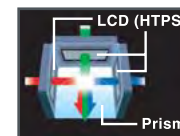projector 3
projector 4

■ Perfect Fit
Perfect Fit enables quick adjustment of the projected image by moving its four corners one at a time. In addition, barrel or pincushion distortion, which occur on rounded surfaces, can easily be corrected.
• Perfect Fit may decrease picture quality as a result of the compensation and resizing processes.

4-corner distortion adjustment
Barrel or pincushion distortion adjustment
After adjustment

■ 3 LCD Panels with Inorganic Alignment Layers
These projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio.
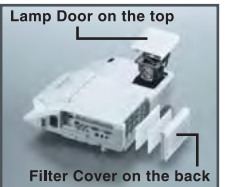
LCD (HTPS)
Prism

■ HDMI® Input
With signals transferred completely in the digital domain, lessons and presentations are assured of the highest image quality.

■ Easy Maintenance
The lamp door is on the top and the filter cover on the back, so maintenance and replacement of these parts can be done easily.

Lamp Door on the top
Filter Cover on the back

■ Hybrid Filter
The Hybrid Filter has an electrostatic design with hybrid protection filter layers, protecting the optics from dust, dirt and chalk particles. It also has a longer life than previous filters, so the projector requires less frequent maintenance.

■ Versatile Security Functions
The projectors are equipped with a security bar, PIN Lock, MyScreen Lock and Transition Detector functions.

Security bar

■ More Convenient Features
• 2 USB Type A Inputs*1 • Low Noise of 28dB*2 (Eco Mode) • MAC Address Label • Display via USB • Audio Pass Through*3 • Power Saving Mode • Template Function*4 • Daytime Mode • My Button • My Memory • Input Source Naming • 4-Second Quick Start • Direct Power On/Off • Closed Caption • Compatible with AMX Device Discovery • Compatible with Crestron RoomView®*1

*1 CP-AW252WN/CP-AW252WNM/CP-A302WN/CP-A302WNM/CP-A222WN/CP-A222WNM
*2 Typical. Tested in 23°C environmental conditions.
*3 When in Normal mode at standby setting. It doesnot function in Saving mode.
*4 Patent pending

Tabletop Use
The optional tapletop use kit (TT-251) allows the projector to be used vertically. You can project a 1.5m (60") image down onto a table.
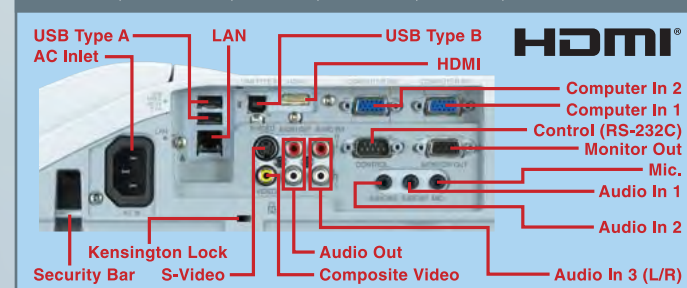
Optional Tabletop Use Kit
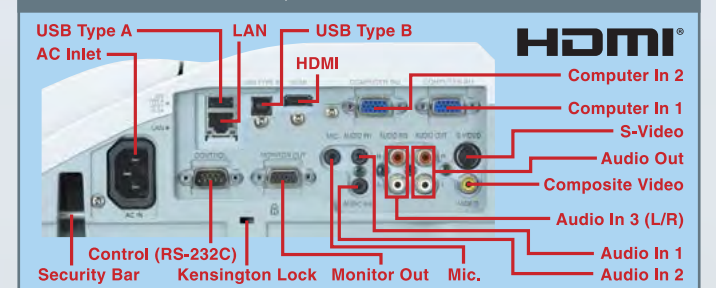Tabletop use kit (TT-251)

Fixing clamp
• Can be used for tables 25-50mm (1"-2") thick.

CP-AW252WN/CP-AW252WNM/CP-A302WN/CP-A302WNM/CP-A222WN/CP-A222WNM TERMINALS
USB Type A
AC Inlet
LAN
USB Type B
HDMI
Computer In 2
Computer In 1
Control (RS-232C)
Monitor Out
Mic.
Audio In 1
Audio In 2
Kensington Lock
Security Bar
S-Video
Audio Out
Composite Video
Audio In 3 (L/R)

CP-AW2519N/CP-AW2519NM TERMINALS
USB Type A
AC Inlet
LAN
USB Type B
HDMI
Computer In 2
Computer In 1
S-Video
Audio Out
Composite Video
Audio In 3 (L/R)
Audio In 1
Audio In 2
Control (RS-232C)
Security Bar
Kensington Lock
Monitor Out
Mic.

Projectors that previously only projected images now have interactive functions that surpass conventional uses

ULTIMATE 究極 SHORT THROW

Ultimate Interactive Short Throw LCD Projectors

CP-AW2519N/CP-AW2519NM

WXGA 2,500 Lumens
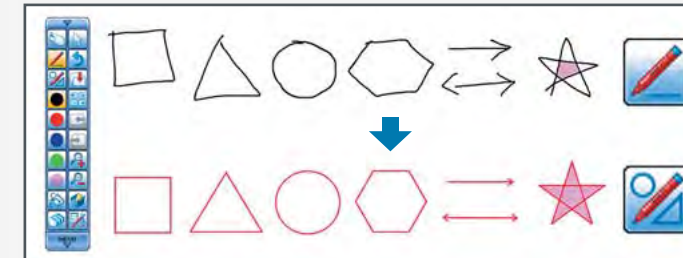• Wall mount unit (HAS-K250): included with CP-AW2519NM.

StarBoard® Software Included.
• StarBoard® is a registered trademark of Hitachi Solutions, Ltd. in Japan and other countries.

Excellent Interactive Functions for Business Use*

*All interactive functions require StarBoard Software.

■ Meeting room walls become interactive spaces

With these projectors, as in the past you can write comments on a separate whiteboard while projecting images for effective meetings, and furthermore you can also write directly over the projected image on a wall using the StarBoard Software. What's more, the interactive function works on many types of surfaces: flat walls, whiteboards and even chalkboards.

■ Write Directly with the StarBoard Software

You can write letters or draw shapes directly on the image with the interactive pen using the StarBoard Software and of course use it to erase what you have added. You can erase or change pen color or thickness from the floating tool bar.

● **Interactive Pen**

The interactive pen lets you select three mode variations. The Normal pen mode is best for annotations and freehand, Intelli-pen mode is best for writing notes and drawing shapes, and Pointer pen mode works like a laser pointer.

■ Operating a Mouse with the StarBoard Software

Using the supplied interactive pen as a mouse lets you perform computer operations on the projected image using the StarBoard Software.

■ Save Handwritten Data

You can save what you have written or drawn on the image using the StarBoard Software in PNG, JPEG, BMP, HTML or PDF formats. This is handy for retaining meeting notes, and for sharing them via email or printing them out.

■ Simple Calibration

Initial setup is faster and easier, because you can perform calibration just by touching nine locations with the supplied interactive pen.

■ You can use Microsoft® Word, Microsoft Excel® and Microsoft PowerPoint® with the StarBoard Software and Interactive Pen

■ Conference Mode

You can share the StarBoard Software whiteboard with people in remote locations.
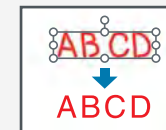
Useful Interactive Functions for Education Use*

*All interactive functions require StarBoard Software.

■ Neatly Convert Letters or Figures with the StarBoard Software

You can automatically convert freehand shapes into geometric objects and handwriting into text on the projected image using the StarBoard Software. These operations are easily accomplished with the interactive pen.

AB,CD → ABCD

■ Clip Art, Adobe® Flash® Learning Objects

The StarBoard Software includes clip art. You can drag 3D shapes and other images onto the page and then move, resize and rotate them. There are many interactive Adobe Flash files, which are useful for lessons. Math and science are already included in Clip Art.
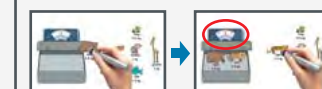
Adobe Flash file: adding 1 digit numbers
Select a number and drag it into the box. / Click the pen on the answer box and the answer appears.

Adobe Flash file: adding decimal masses
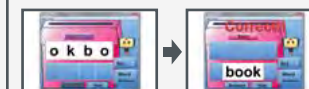Drag the animals onto the scale. / As each animal is added, the numbers on the scale change.

■ Subject Toolbox

There are four subject toolboxes: Geography, Language Arts, Math and Science. You can choose one from the toolbar for display on the screen, and use the various tools to hold the students' attention and improve their comprehension of the subject.
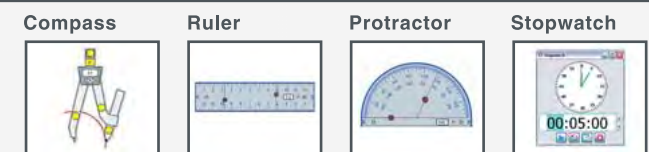
Language Arts: Anagrams
okbo → book
Have a student drag the random letters into the correct order. / You can give a hint, and when the word is correct, the word Correct! appears.
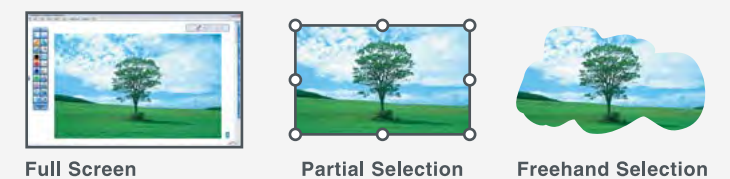
■ Select a Variety of Useful Tools

The interactive pen lets you operate a compass, ruler, protractor, stopwatch and other useful tools on the projected image using the StarBoard Software, making lessons even easier to understand.

Compass | Ruler | Protractor | Stopwatch 00:05:00

■ Screen Capture

In addition to Full Screen capture, you can also select Partial and Freehand capture.

Full Screen | Partial Selection | Freehand Selection

Windows®:

■ StarBoard Software Requirement Specifications

CPU: Intel® Pentium® 4 1.8GHz or faster **Free hard drive space:** 600 MB or more **RAM:** 1GB or more **Display colors:** 32 bits **Operating system (OS):** Windows XP 32bit/Windows Vista® 32bit/Windows 7 32/64bit (StarBoard Software has been tested with the latest service pack at release) (Tablet PC Edition and Server Edition are not supported) **Software required:** Internet Explorer® 7.0/8.0/9.0 (for using Internet search functions) Microsoft Word 2002/2003/2007/2010 (for viewing Word documents) Microsoft Excel 2002/2003/2007/2010 (for viewing Excel documents) Microsoft PowerPoint 2002/2003/2007/2010 (for viewing PowerPoint documents) Adobe Reader® 8.0/9.0/X (for viewing PDF documents) Adobe Flash Player 10 (for using Flash object) **Others:** DVD drive; Video card with hardware overlay feature (for using movie features)

For Webcam playback and capturing feature
• DV (Digital video, DV cameras, D-VHS, etc.) • Capture devices which support DirectShow (with WDM drivers)
For Conference host feature
CPU: Intel® Core™ 2 Duo 2.0GHz or faster **Free hard drive space:** 2GB or more **RAM:** 2GB or more **Others:** TCP/IP 54Mbps or above
For i-learn: math toolbox
Display resolution: 1024 x 768 or higher **Software required:** Adobe Reader **Others:** 3D graphics card with 32-bit color

■ Recommended for efficient use of the CP-AW2519N/CP-AW2519NM interactive functions

CPU: Intel Core 2 Duo 2.0GHz or faster **Memory:** 1GB or more (Windows Vista or Windows 7: 2GB or more **Free hard drive space:** 600MB or more **Display colors:** 32 bits **Web browser:** Internet Explorer 7.0/8.0/9.0 **Others:** For movie playback, hardware overlay is necessary for the video card. For web camera playback and capture, a DV capture device (digital video, DVD camera, etc.) that supports DirectShow with WDM device is necessary.
• Actual operating environment depends on the computer.

Macintosh®:

■ StarBoard Software Requirement Specifications

CPU: Intel CPU **Free hard drive space:** 600MB or more **RAM:** 1GB or more **Display colors:** High Color (16 bit) or higher **Operating system (OS):** Mac OS® X 10.5 / 10.6 / 10.7.2 **Software required:** Microsoft PowerPoint 2004/2008/2011 for Mac® (for viewing PowerPoint documents) Apple® QuickTime® 7.1 or above (for using movie features) Adobe Flash Player 10 (for using Flash object) **Others:** DVD drive
For Conference host feature
CPU: Intel Core 2 Duo 2.0GHz or faster **Free hard drive space:** 2GB or more **RAM:** 2GB or more **Others:** TCP/IP 54Mbps or above
For i-learn: math toolbox
Display resolution: 1024 x 768 or higher **Software required:** Adobe Reader **Others:** 3D graphics card with 32-bit color

■ Recommended for efficient use of the CP-AW2519N/CP-AW2519NM interactive functions

CPU: Intel Core 2 Duo 2.0GHz or faster **Memory:** 2GB or more
• Actual operating environment depends on the computer.

Specifications

Model name	CP-AW252WN/CP-AW252WNM	CP-A302WN/CP-A302WNM	CP-A222WN/CP-A222WNM	CP-AW2519N/CP-AW2519NM
Liquid crystal panel	0.59 type (inch), 1.5cm polysilicon active-matrix TFT x 3	0.63 type (inch), 1.6cm polysilicon active-matrix TFT x 3		0.59 type (inch), 1.5cm polysilicon active-matrix TFT x 3
Number of pixels	1,024,000 pixels (H1280 x V800)	786,432 pixels (H1024 x V768)		1,024,000 pixels (H1280 x V800)
Resolution	1280 x 800 color pixels (WXGA)	1024 x 768 color pixels (XGA)		1280 x 800 color pixels (WXGA)
Digital zoom	x1.35			
Lamp	215W UHP			210W UHP
Light output (brightness)	2,500 Lumens	3,000 Lumens	2,200 Lumens	2,500 Lumens
Contrast ratio	4,000:1 (Presentation mode)			2,000:1 (Presentation mode)
Audio	16W		10W	
Keystone correction	Manual Horizontal/Vertical Keystone			
Power supply	AC100-120V/AC220-240V			
Operating temperature	0-40°C/32-104°F 35-40°C/95-104°F (The brightness of lamp is reduced automatically.)			5-35°C/41-95°F (For interactive function: 16-35°C/61-95°F)*1

Input signals	Computer input	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, WSXGA+, UXGA, MAC16"	VGA, SVGA, XGA, WXGA, WXGA+,SXGA, SXGA+, UXGA, MAC16"		VGA, SVGA, XGA, WXGA, WXGA+, SXGA, WSXGA+, UXGA, MAC16"
	Video input	NTSC, NTSC4.43, PAL, SECAM, PAL-M, PAL-N, PAL (60Hz) 480i@60, 480p@60, 576i@50, 576p@50, 720p@50/60, 1080i@50/60, 1080p@50/60			
Input/output terminals	Video input x 3	S-Video: mini DIN 4 pin x 1, Composite video: RCA x 1, Component video: via D-sub 15 pin mini x 2			
	Audio input x 3	Stereo mini x 2, RCA x 2 (L/R)			
	Computer input x 2	Analog RGB: D-sub 15 pin mini x 2			
	HDMI input x 1	HDMI Connector x 1 (HDCP compliant)			
	Audio output x 1	RCA x 2 (L/R)			
	Monitor output x 1	Analog RGB: D-sub 15 pin mini x 1			
	USB	USB type A x 2 (for PC-less presentation or wireless adapter), USB type B x 1 (for USB display or USB mouse control)			USB type A x 1 (for PC-less presentation), USB type B x 1 (for USB display or USB mouse control, and interactive function)
	Control	D-sub 9 pin x 1 for RS232C			
	Wireless network	Option with USB wireless adapter (USB-WL-11N)			—
	Wired network (LAN)	RJ45 x 1			
	Mic. input	Mono mini x 1 (compatible with dynamic microphones and unbalanced signal lines)			
Agency certifications		UL/cUL, FCC Part15 class B, AS/NZS CISPR22 class B, CE, RoHS, GOST-R			UL/cUL, FCC Part15 class A, AS/NZS CISPR22 class A, CE, RoHS, GOST-R
Dimensions (WxHxD)		345 x 85 x 303mm (13.6" x 3.3" x 11.9") [excluding protruding part, when mirror is closed.]			345 x 102 x 303mm (13.6" x 4.0" x 11.9") [excluding protruding part, when mirror is closed.]
Weight		Approximately 3.8kg (8.4 lbs.)			Approximately 4.1kg (9.0 lbs.)
Standard accessories*2		Remote control (Part#: HL02882) with two AA batteries, Power cord, Computer cable, Cable cover, User's manuals, Security label, Application CD, Wall mount unit (HAS-K252) and user's manual*3, Adapter cover			Remote control (Part#: HL02772) with two AA batteries, Power cord, Computer cable, USB cable, Interactive Pen*4, two AAA batteries and the tip of the pen for exchange, Cable cover, User's manuals, Security label, Software applications (CD x 1, DVD x 1), Wall mount unit (HAS-K250) and user's manual*5, Sensor cover
Optional accessories		Lamp: DT01381, Filter set: UX37191, Laser remote control: HL02651 (RC-R008), Tabletop use kit: TT-251, USB wireless adapter: USB-WL-11N			Lamp: DT01251, Filter set: UX37191, Laser remote control: HL02651 (RC-R008), Tabletop use kit: TT-251

*1 If the mouse cursor or drawing image does not match the actual pen tip point perfectly, please calibrate again to optimize the interactive system.
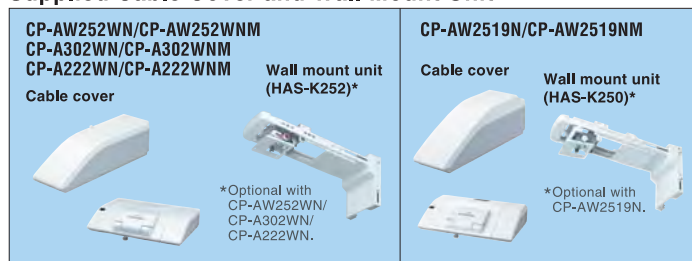*2 Standard accessories, like power cord, vary across regions or countries.
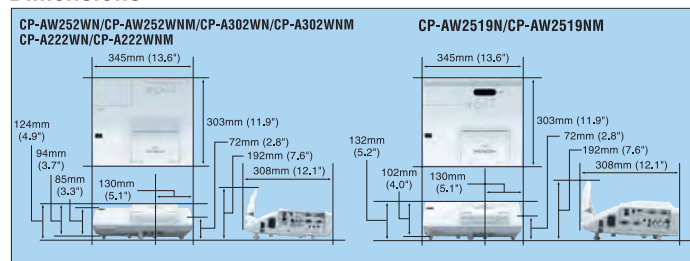*3 Optional with CP-AW252WN/CP-A302WN/CP-A222WN
*4 Depending on surface textures of screens or walls, etc. where images are projected, abrasion of the interactive pen tip may be accelerated, resulting in the need for pen tip exchange.
*5 Optional with CP-AW2519N

Supplied Cable Cover and Wall Mount Unit

CP-AW252WN/CP-AW252WNM
CP-A302WN/CP-A302WNM
CP-A222WN/CP-A222WNM
Cable cover

Wall mount unit (HAS-K252)*

*Optional with CP-AW252WN/ CP-A302WN/ CP-A222WN.

CP-AW2519N/CP-AW2519NM
Cable cover

Wall mount unit (HAS-K250)*

*Optional with CP-AW2519N.

Dimensions

CP-AW252WN/CP-AW252WNM/CP-A302WN/CP-A302WNM CP-A222WN/CP-A222WNM

345mm (13.6")
124mm (4.9")
94mm (3.7")
85mm (3.3")
303mm (11.9")
72mm (2.8")
192mm (7.6")
308mm (12.1")
130mm (5.1")

CP-AW2519N/CP-AW2519NM

345mm (13.6")
132mm (5.2")
102mm (4.0")
130mm (5.1")
303mm (11.9")
72mm (2.8")
192mm (7.6")
308mm (12.1")

Consideration for the Environment

■ Compliance with EU Directive RoHS*1

*1 RoHS is the acronym of "DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment".

■ Reduction of resin usage in production

Use of hot runners in molds for making upper housing in order to reduce mill ends.

■ Reduction of CO_2 emissions

Carton volume has been cut down to 60% (CP-AW2519N)/40% (CP-AW252WN/ CP-A302WN/CP-A222WN)*2, reducing CO_2 emissions during transport.
*2 Compared to Hitachi CP-A100 ultra-short throw projector on the basis of one carton box.

■ Power saving mode engaged during standby

■ Eco mode

Eco mode provides power saving.

• Design and specifications are subject to change without notice.
• The projected images and comparison photos in this catalog are simulations.
• LCD panels, polarizers and other optical components and cooling fans may need replacement after prolonged usage. For more details, please consult a Hitachi sales representative.
• Do not use in places where there is a lot of water, dampness, steam, dust, soot or tobacco smoke. This may result in fire or malfunction.
• Optical components (lamp, LCD panel, polarizing plate, PBS [polarizer beam splitter]) have limited service lives. They must be repaired or replaced if they are used for a long period of time.
• These projectors use a mercury lamp with high internal pressure. Because of its properties, this lamp may burst with a loud noise or burn out if struck or after it has been used for a period of time. The time until it bursts or burns out varies greatly according to differences between lamps and usage conditions. Turning the lamp's power on and off frequently shortens its service life.
• Optical components other than the lamp: If the projector is used for six hours or more per day, they may need to be replaced in less than a year.
• LCD panel: If the projector is used continuously for six hours or more, its replacement cycle may be shortened.
• Do not turn projector on again for ten minutes after shutdown. Neglect can shorten the lifetime of the lamp. During use and immediately after use, do not touch anywhere near the lamp and the vents as these parts are extremely hot.
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Remote control warning: Do not look into the laser beam. Class 2 Laser product; maximum output 1mW; wavelength 650nm.

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ImageCare

• ImageCare® is applicable to CP-AW252WN/CP-AW252WNM, CP-A302WN/CP-A302WNM and CP-A222WN/CP-A222WNM.

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Printed in Japan (H) **NM-E377** 0912