

# CPWX12WN

INNOVATE  
The Future of Projection



## PORTABLE LCD PROJECTOR

Hitachi's compact and light weight CPWX12WN WXGA Portable projector is perfect for the mobile business professional. Whether it is used in the office or visiting customers, the CPWX12WN combines simple usability with powerful performance enabling users to set up their presentations in seconds.

### Performance

- WXGA resolution (1280 x 800)
- 2600 ANSI Lumens (Normal Mode)
- Direct on and Auto off
- 2000:1 Contrast ratio
- Low noise level - 28dB in Eco Mode
- Lightweight at only 2.3Kg
- Daytime Mode
- Blackboard and Whiteboard Modes
- Anti Theft features:
  - Security bar
  - PIN-Lock
  - MyScreen PIN-Lock
  - Keypad Lock
  - Kensington Lock
  - Transition Detector

### Cost of ownership

- Extended Hybrid Filter life with up to 5000 hour filter
- Long lamp life 5000 Hours (Eco Mode)\*
- No additional filter cleaning costs
- Easy set up and installation
- Power saving mode
- Virtually maintenance free

### Advanced Network Features

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

### Environment

- The extended Hybrid Filter and lamp life means reduced electronic waste and reduced maintenance visits, resulting in an overall reduction in carbon footprint.
- Reduced power consumption - Less than 0.4W in Standby Mode
- Hitachi is committed towards eco-friendly solutions, using paint-free casing and lower amounts of packaging.

*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.*

†wireless is optional on this model  
(USB wireless adaptor sold separately)

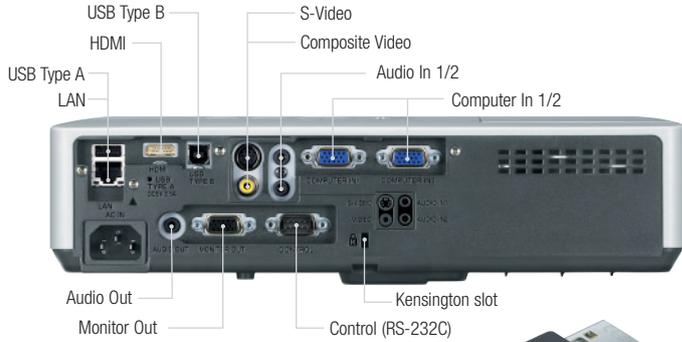


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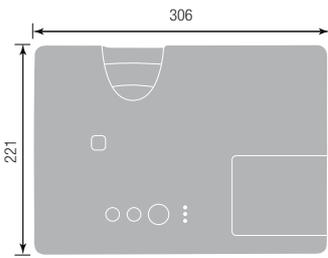
**HITACHI**  
Inspire the Next

# CPWX12WN

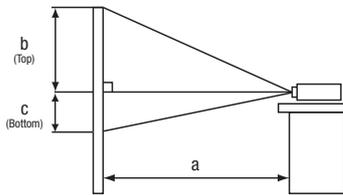
## Technical specifications



USB wireless adaptor (optional)



Unit: mm



a: Projection Distance (from front of lens)  
b: Lens centre to the higher edge of the screen  
c: Lens centre to the lower edge of the screen

### Image Size 16:10

Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	Wide. (m)	Tele. (m)	b (top)	c (bottom)
30" (0.8m)	0.9	1.1	38	3
40" (1.0m)	1.3	1.5	50	4
50" (1.3m)	1.6	1.9	63	5
60" (1.5m)	1.9	2.3	75	6
80" (2.0m)	2.6	3.1	100	8
100" (2.5m)	3.2	3.8	125	10
150" (3.8m)	4.8	5.8	188	14
200" (5.1m)	6.4	7.7	250	19
300" (7.6m)	9.6	11.6	375	29

### Image Size 4:3

Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	Wide. (m)	Tele. (m)	b (top)	c (bottom)
30" (0.8m)	1.1	1.3	42	3
40" (1.0m)	1.4	1.7	57	4
50" (1.3m)	1.8	2.2	71	5
60" (1.5m)	2.2	2.6	85	7
80" (2.0m)	2.9	3.5	113	9
100" (2.5m)	3.6	4.4	142	11
150" (3.8m)	5.4	6.5	212	16
200" (5.1m)	7.3	8.7	283	22
300" (7.6m)	10.9	13.1	425	33

### OPTICAL

LCD Panel	0.59" (1.5cm) P-Si TFT x 3
Resolution	WXGA (1280 x 800)
Brightness	Normal Mode
	Eco Mode
Colour light output	2600 ANSI Lumens
Contrast ratio	1700 ANSI Lumens
	2600 ANSI Lumens
	2000:1
Lens	Manual focus, manual zoom x 1.2
Lamp wattage	215W UHP (New lamp) with Intelligent ECO
Lamp life	3000 Hours (Normal Mode)/5000 Hours (Eco Mode)*
Distance to width ratio	1.5 (Wide), 1.8 (Tele)
Diagonal display size	30~300" (76~762cm)
Number of colours	8 Bit/colour, 16.7M colours
Keystone correction	13:1 upward shift, fixed

### COMPATIBILITY

Computer compatibility	IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16" (Up to UXGA)
Video compatibility	NTSC/ PAL/ SECAM/ PAL-M,N/ NTSC4.43/PAL60 SDTV: 480i, 480p, 576i, 576p HDTV: 720p(@50/60Hz), 1080i(@50/60Hz), 1080p(@50/60Hz)
Plug & Play	DDC2B

### FEATURES

Speakers	1W mono
Basic functions	Freeze, Magnifying, Blank, Auto adjustment, Search, Page Up & Down (for USB mouse function)
Picture adjustments	Equalizing Gamma Correction, 2-3 pull down, Progressive Scan, Noise Reduction
Digital keystone	Auto vertical keystone $\pm 30$ degrees(@WXGA 60Hz)
Advanced features	My Screen, My Memory, My Button/Eco Button, My Text, My Source, blackboard/whiteboard mode, Daytime mode, input source naming (English), resolution setting, Template, Closed Caption(for NTSC & component 480i only), Audio pass through
Outward	Easy lamp replace from top, air filter replace from side
Power on & off	Direct On, Auto Off
Security systems	Security Bar, PIN-Lock, MyScreen Password, Keypad Lock, Kensington slot, Transition Detector, My Text, Security label
Network	Campus Notification System, Moderator Control Mode, Multi-Projector Mode, Configure and control projector via web browser, receive alerts via e-mail, projector management via SNMP, Crestron RoomView®, Scheduling, My Image, displaying text data transferred via the network, Command Control via network, AMX Device Discovery, PJ Link™, Network Bridge
OSD languages	English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkish, Arabian, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil), Indonesian, Vietnamese

### CONNECTIONS

Digital input	1 x HDMI
Computer input	2 x 15-pin Mini D-sub
Computer output	1 x 15-pin Mini D-sub
Video input	2 x Component D-sub (shared with analogue RGB)
	1 x RCA for composite
	1 x Mini-DIN for S-Video
Audio input	2 x Stereo Mini Jack
Audio output	1 x Stereo Mini Jack
USB Type A	1 x USB Type A (for PC-less presentation or wireless adaptor)
USB Type B	1 x USB Type B (for USB display or USB mouse control)
Wired Network	1 x RJ-45
Wireless Network	Option, IEEE801.11b/g/n ready
Control	1 x 9-pin D-sub for RS-232C control

### POWER

Power supply	100-120V/220-240V, auto switching
Power Consumption/Standby	310W/<0.4W (AC220-240V)

### PHYSICAL

Dimensions (W x H x D)	306 x 77 x 221mm (excluding feet and extrusions)
Weight	2.3Kg
Noise level	35dB (Normal Mode)/28dB (Eco Mode)
Air filter	Hybrid

### MISCELLANEOUS

Lamp indicator light, Power light, Ceiling mount image, Rear projection image, Serial number label on side

### CERTIFICATION

UL60950/C-UL, FCC Part 15 Class B, CE, AS/NZS CISPR22 Class B

### ACCESSORIES SUPPLIED

Remote control with batteries (HL02771), Computer cable, Power cord, Lens cap, Soft case, Security label, User manual (detail & concise)

### OPTIONAL ACCESSORIES

Replacement lamp	DT01191
USB wireless adaptor	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. The specification above and photography is for reference only and may be subject to change.