CP-X5022WN/CP-X4022WN/CP-WX4022WN
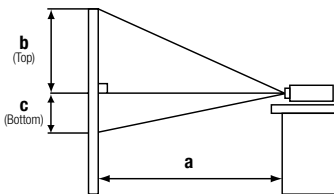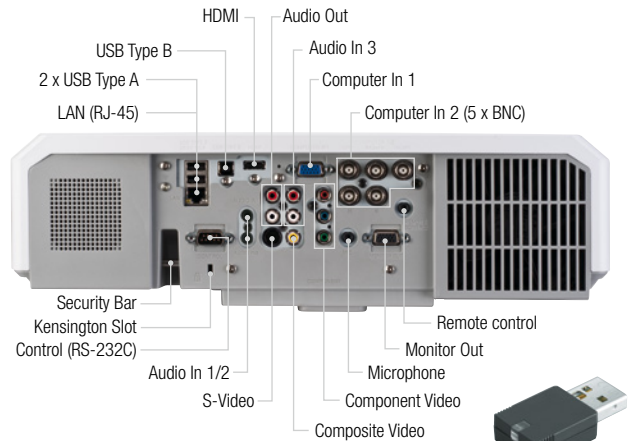## Technical Specifications

HITACHI
Inspire the Next

Stackable (projectors sold separately)
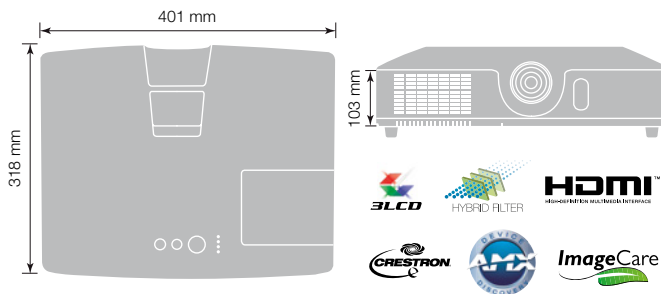
HDMI
Audio Out
USB Type B
Audio In 3
2 x USB Type A
Computer In 1
LAN (RJ-45)
Computer In 2 (5 x BNC)

Security Bar
Kensington Slot
Control (RS-232C)
Audio In 1/2
Remote control
Monitor Out
Microphone
S-Video
Component Video
Composite Video

USB wireless adapter
USB-WL-11N (Optional)
for wireless presentations

b (Top)
c (Bottom)
a

a: Projection distance
b: Lens centre to the higher edge of the screen
c: Lens centre to the lower edge of the screen

CP-X4022WN/CP-X5022WN

Image size 4:3 (from front of lens to screen)				
Screen size (diagonal)	Projection distance (a)		Screen height (cm)	
	Wide (m)	Tele (m)	b (top)	c (bottom)
30" (0.8m)	0.9	1.5	46	0
40" (1.0m)	1.2	2.0	61	0
50" (1.3m)	1.5	2.5	76	0
60" (1.5m)	1.8	3.0	91	0
100" (2.5m)	3.0	5.0	152	0
200" (5.1m)	6.1	10.1	305	0
300" (7.6m)	9.2	15.2	457	0

CP-WX4022WN

Image size 16:10 (from front of lens to screen)				
Screen size (diagonal)	Projection distance (a)		Screen height (cm)	
	Wide (m)	Tele (m)	b (top)	c (bottom)
30" (0.8m)	0.9	1.6	44	-4
40" (1.0m)	1.3	2.1	59	-5
50" (1.3m)	1.6	2.6	74	-7
60" (1.5m)	1.9	3.2	89	-8
100" (2.5m)	3.2	5.3	148	-13
200" (5.1m)	6.5	10.7	296	-27
300" (7.6m)	9.7	16.1	444	-40

401 mm
318 mm
103 mm

3LCD
HYBRID FILTER
HDMI High-Definition Multimedia Interface
CRESTRON
DEVICE DISCOVERY
ImageCare

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 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. 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.

OPTICAL

Resolution	CP-X5022WN/CP-X4022WN: XGA, CP-WX4022WN: WXGA
LCD panel	XGA: 0.63" (1.6cm) P-Si TFT x 3, WXGA: 0.59" (1.5cm) P-Si TFT x3
Brightness Normal Mode	CP-X5022WN: 5000 ANSI Lumens
	CP-X4022WN/CP-WX4022WN: 4000 ANSI Lumens
Eco Mode	CP-X5022WN: 3500 ANSI Lumens
	CP-X4022WN/CP-WX4022WN: 2800 ANSI Lumens
Colour light output	CP-X5022WN: 5000 ANSI Lumens
	CP-X4022WN/CP-WX4022WN: 4000 ANSI Lumens
Contrast ratio	3000:1
Lens	Manual focus, manual zoom x 1.7
Lamp wattage	245W UHP
Lamp life	3000 hours (Normal Mode)/5000 hours (Eco Mode)*
Diagonal display size	30~300" (76~762cm)
Number of colours	8 Bit/colour, 16.7M colours
Lens shift	XGA: Vertical 10:0~4:1, Horizontal 1.2:1~1:1.2
	WXGA: Vertical 11:-1~6:1, Horizontal 1.2:1~1:1.2
Optical keystone	CP-X4022WN/CP-X5022WN: 10:1~4:1 Upward shift
	CP-WX4022WN: 11:-1~6:1 Upward shift
Focus distance	CP-X4022WN/CP-X5022WN: 0.9m~9.1m (Wide), 1.5m~15.1m (Tele)
	CP-WX4022WN: 0.9m~9.7m (Wide), 1.5m~16.1m (Tele)
Distance to width ratio (:1)	1.5 (Wide), 2.5 (Tele)

COMPATIBILITY

Computer compatibility	CP-X4022WN/CP-X5022WN: IBM Compatible VGA, SVGA, XGA, WXGA, SXGA, WXGA+, SXGA+, UXGA (compressed), MAC 16"
	CP-WX4022WN: IBM Compatible VGA, SVGA, XGA, WXGA, SXGA, WXGA+, 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), 625p (576p), 1125i(1080i@50/60), 1125p(1080p@50/60), 750p(720p@50/60)
Plug & Play	DDC2B

FEATURES

Speakers	8W x 2 Mono
Basic functions	Freeze, Magnifying, Blank, Auto adjustment, Search, Auto signal search, Auto eco mode
Picture adjustments	Equalizing digital gamma correction, 2-3 pull down for NTSC, Progressive scan, Noise reduction, Overscan, Perfect Fit
Digital keystone	Horizontal keystone ±35 degrees, Auto vertical keystone ±37.5 degrees
Advanced features	MyScreen, My Memory, My Button (by remote control), My Text, My Source, Picture mode (normal, cinema, dynamic, daytime, black/white/greenboard modes, photo), PC-less presentation, DICOM Simulation, Input source naming (English), Resolution setting, Template, Closed Caption (for NTSC & component 480i only), Audio pass through, Framelock, Audio ports assign, Cloning, Drawing function (Optional wireless pen tablet TB-1 is necessary), Eco Mode (normal, eco, intelligent eco, saver), Instant stack, iOS Connectivity, ImageCare™
Outward	Easy lamp replace from top, Air filter on side
Power on & off	Direct on, Auto off
Security systems	Security bar, PIN-lock, MyScreen password lock, Key lock (key pad, remote control), Kensington slot, Transition detector, My Text password lock, Stack lock, Security label
Network	Network presentation (PC still/moving picture transfer), 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	33, including: English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Swedish, Russian, Finnish, Polish, Turkish, Arabic, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian

CONNECTIONS

Digital input	1 x HDMI (HDCP compatible)
Computer input	1 x 15-pin Mini D-sub, 5 x BNC
Monitor output	1 x 15-pin Mini D-sub (RCA combination)
Video input	1 x RCA for composite, 1 x Mini-DIN for S-Video, 3 x RCA for component, 1 x 15-pin Mini D-sub (shared with analogue computer in 1)
Audio input	2 x Stereo Mini Jack, 1 x RCA (L/R) pair, 1 x Microphone Jack (stereo mini)
Audio output	1 x pair RCA (L/R)
USB Type A	2 x USB Type A (for PC-less presentation or optional wireless pen tablet TB-1)
USB Type B	1 x USB Type B (for USB display or USB mouse control)
Wired Network	1 x RJ-45
Wireless Network	IEEE802.11b/g/n (optional USB wireless adapter required)
Control	1 x 9-pin D-sub for RS-232C control

POWER

Power supply	100-120V/220-240V, auto switching
Power Consumption/Standby	350W/<0.5W (AC 220-240V)

PHYSICAL

Dimensions (W x H x D)	401 x 103 x 318mm (excluding feet and extrusions)
Weight	4.6Kg
Noise level	30dB (Eco Mode)/36dB (Normal Mode)
Air filter	Hybrid (Up to 5000 hours)

MISCELLANEOUS

Indicator lights (lamp, temp, power, security), Serial number label on side, MAC address label on side

CERTIFICATION

UL60950-1/cUL, FCC Part 15 subpart B class B, CE, WEEE, RoHS, ErP (lot6) compliant, c-tick

ACCESSORIES SUPPLIED

Remote control with batteries (HL02774), Computer cable, Power cord, Lens cap, Security label, Adapter cover, User manual (detail & concise), Application CD

OPTIONAL ACCESSORIES

Replacement lamp	DT01171
USB wireless adapter	USB-WL-11N
Solution products	TB-1 wireless interactive tablet, IM-1P interactive camera unit, MS-1WL wireless multi-functional switcher, CS-1WL wireless switcher with camera

WARRANTY

Projector warranty	3 Years
Lamp warranty	6 Months**
	For education and extended warranties please contact your local dealer