

# CP-WX8240

INNOVATE  
The Future of Projection



## WXGA INSTALLATION LCD PROJECTOR

Our new CP-WX8240 projector is geared up for simple and user-friendly functionality in any environment. With a convenient motorised lens shift, and a central lens position, images can be seamlessly adjusted and moved at the touch of a button. Plus, with a wide range of optional lenses, the CP-WX8240 can adapt to any environment, from conference rooms and lecture theatres, to museums or anywhere requiring a creative solution.

### Performance

- WXGA resolution (1280 x 800)
- Light Output (Brightness):  
4000 ANSI Lumens (Normal Mode)
- 3000:1 Contrast ratio (Presentation Mode)
- Full connectivity including 2 x HDMI
- Input Source Naming
- Wide range of optional lenses
- PC-Less presentation
- 2 x 8W speakers
- Motorised zoom
- Motorised lens shift
- Central lens position
- Instant stacking for enhanced brightness levels

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

### Cost of ownership

- Long life lamp - lasts up to 4000 hours in Eco Mode
- High performance filter - lasts up to 15,000 hours in 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 SNMP
- Messenger function
- AMX Device Discovery
- 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
- Reduced power consumption - less than 0.35W in Standby Mode

*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.*



# CP-WX8240 Technical specifications

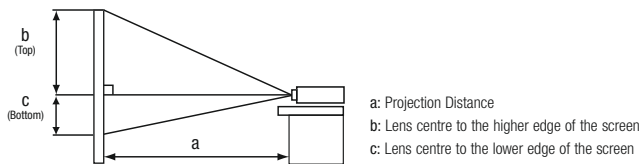
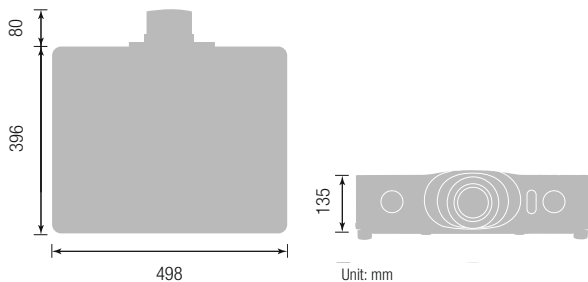
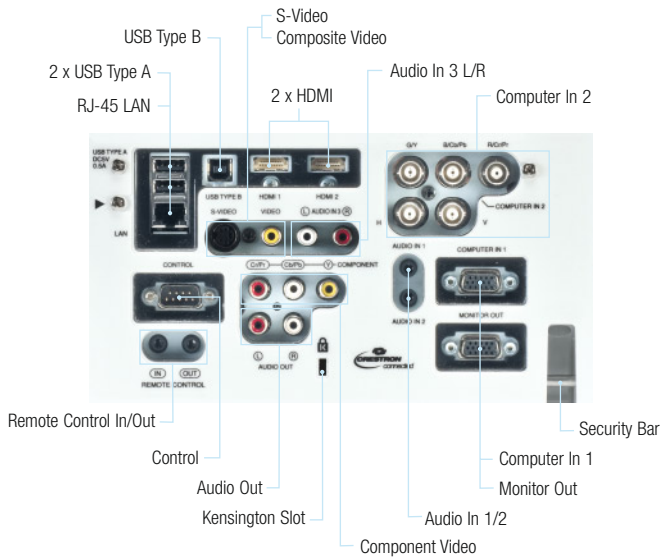


Image Size 16:10 - Standard Lens: SL-702

| Screen Size (Diagonal) | Projection Distance (a) |          | Screen Height (cm) |            |
|------------------------|-------------------------|----------|--------------------|------------|
|                        | Wide (m)                | Tele (m) | b (top)            | c (bottom) |
| 30" (0.8m)             | 1.0                     | 1.5      | 50                 | -10        |
| 40" (1.0m)             | 1.3                     | 2.0      | 67                 | -13        |
| 50" (1.3m)             | 1.6                     | 2.4      | 84                 | -17        |
| 60" (1.5m)             | 2.0                     | 2.9      | 101                | -20        |
| 70" (1.8m)             | 2.3                     | 3.4      | 118                | -24        |
| 80" (2.0m)             | 2.6                     | 3.9      | 135                | -27        |
| 90" (2.3m)             | 2.9                     | 4.4      | 151                | -30        |
| 100" (2.5m)            | 3.2                     | 4.9      | 168                | -34        |
| 150" (3.8m)            | 4.8                     | 7.3      | 252                | -50        |
| 200" (5.1m)            | 6.4                     | 9.7      | 337                | -67        |
| 250" (6.4m)            | 8.0                     | 12.1     | 421                | -84        |
| 300" (7.6m)            | 9.7                     | 14.6     | 505                | -101       |
| 500" (12.7m)           | 16.1                    | 24.3     | 841                | -168       |
| 600" (15.2m)           | 19.3                    | 29.1     | 1010               | -202       |



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\*The stated lamp 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 should achieve this figure. \*\*A free replacement lamp will be issued if the original lamp fails within 6 months from the date of purchase. 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 trademarks of Crestron Electronics, Inc. The specification above and photography is for reference only and may be subject to change.

## OPTICAL

|                                  |   |
|----------------------------------|---|
| LCD panel Resolution             | 0.59" (1.5cm) P-Si TFT x3 WXGA (1280 x 800)                   |
| Light output (Brightness)        | 4000 ANSI Lumens (Normal Mode)/2700 ANSI Lumens (Eco Mode)    |
| Colour light output (Brightness) | 4000 ANSI Lumens (Normal Mode)/2700 ANSI Lumens (Eco Mode)    |
| Contrast Ratio                   | 3000:1 (Presentation Mode)                                    |
| Lens                             | Powered Zoom x 1.5, Powered Focus                             |
| Lamp Wattage                     | 245W UHP  |
| Lamp life                        | 2500 Hours (Normal Mode)/4000 Hours (Eco Mode)*               |
| Distance to width ratio (:1)     | 1.5 (Wide), 2.2 (Tele)  |
| Diagonal display Size            | 30"~600" (76cm~1,524cm)                                       |
| Number of colours                | 8 Bit/colour, 16.7M colours                                   |
| Keystone                         | Vertical 5:-1 shift, Normal at + 17.7°~11.9° projection angle |

## COMPATIBILITY

|                        |  |
|------------------------|--|
| Computer compatibility | VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16"                                      |
| Composite/S-Video      | NTSC, PAL, SECAM, PAL-M, PAL-N, NTSC4.43   |
| Component Video/HDMI   | 525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60) |

## FEATURES

|                     |   |
|---------------------|---|
| Speakers            | 2 x 8W (stereo)   |
| Basic functions     | Freeze, Magnifying, Blank, Auto adjustment, Search  |
| Picture adjustments | Equalising digital gamma correction, 2-3 Pull Down for NTSC, progressive scan, noise reduction, Mirror Reverse Image, Up-side Down Image, Equalising colour temperature adjustment, Frame lock, Perfect Fit   |
| Digital keystone    | Auto Vertical & Horizontal Keystone correction ±35°   |
| Advanced features   | Audio pass through, Audio ports assign, Auto Eco Mode, Closed caption (NTSC & 480i), Filter timer, Lens memory, My Button, My Memory, My Text, MyScreen, PC-less presentation, Picture modes (normal, cinema, dynamic, blackboard, greenboard, whiteboard, daytime, DICOM simulation), Resolution setting, Source naming (English), Template, Instant Stack, Picture by Picture, iOS Connectivity   |
| Outward             | Easy lamp replace from side, Easy filter replace from side  |
| Power on & off      | Direct power on, Auto power off   |
| Security systems    | PIN Security Lock, MyScreen Password Lock, Transition Detector, My Text Password Lock, Key Lock (keypad, remote control), Lens Lock, Security bar   |
| Network             | AMX Device Discovery, Command control via the network, Configuring and controlling the projector via a web browser, Controlling the projector via scheduling, Crestron RoomView® (not accessible through the wireless adaptor), Displaying text data with audio alarm transferred via network, Failure and warning alerts via email, My Image (still image transfer) Display, Network Bridge, Network Presentation (PC still/moving picture transfer), PJLink™, Projector management via SNMP |
| OSD languages       | English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkey, Arabian, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil), Indonesian, Vietnamese   |

## CONNECTIONS

|                      |   |
|----------------------|---|
| Digital Input        | 2 x HDMI (HDCP Compliant)   |
| Computer Input       | 1 x 15-pin Mini D-sub, 1 x BNC  |
| Monitor output       | 1 x 15-pin Mini D-sub   |
| Video Input          | 1 x S-Video, 1 x RCA Composite Video, 3 x RCA Component Video   |
| Audio Input          | 2 x Stereo Mini Jack, 2 x RCA Jack(L/R)   |
| Audio output         | 2 x RCA Jack (L/R)  |
| Control              | 1 x 9-pin D-sub for RS232 control   |
| USB                  | 2 x USB type A (PC-less presentation or optional wireless adaptor)<br>1 x USB type B (USB mouse control or USB display) |
| Wired remote control | Input: 1 x Stereo Mini Jack, Output: 1 x Stereo Mini Jack   |
| Wired network        | 1 x RJ-45 (10BASE-T/100BASE-TX)   |
| Wireless network     | IEEE802.11b/g/n (Optional USB wireless adaptor is required)   |

## POWER

|                           |                          |
|---------------------------|--------------------------|
| Power supply              | AC100-120V/AC220-240V    |
| Power consumption/Standby | 355W/<0.35W (AC220-240V) |

## PHYSICAL

|                        |   |
|------------------------|---|
| Dimensions (W x H x D) | 498 x 135 x 396mm (excluding feet and extrusions) |
| Weight                 | Approximately 8.4Kg                               |
| Noise level            | 35dB (Normal)/29dB (Eco)                          |
| Air filter             | Hybrid (up to 15,000 hours)                       |

## MISCELLANEOUS

LED lamps (power, lamp, temperature, security, filter, shade), Serial number label on side

## CERTIFICATION

UL 60950-1/cUL, FCC Part15 subpart B class A, CE Marking EN61000-3-2, EN61000-3-3, EN55022 class A, EN55024 (EMC directive), EN60950-1 (Low voltage directive), WEEE/RoHS/ErP (lot 6 stage 2) compliant, c-tick class A, GOST-R

## ACCESSORIES SUPPLIED

Remote control with batteries (HL02801), RGB cable, power cord, lens cover, security label, user manual (detail & concise), Application CD, Adaptor cover

## OPTIONAL ACCESSORIES

|                      |  |
|----------------------|--|
| Replacement lamp     | DT01281  |
| Filter set           | MU06642  |
| USB wireless adaptor | USB-WL-11N   |
| Solution products    | TB-1 wireless interactive tablet, IM-1P interactive camera unit, MS-1WL wireless multi-functional switcher, MS-1 multi-functional switcher   |
| Optional lenses      | FL-701 - Motorized (focus only) - Fixed lens, Zoom x 1<br>ML-703 - Motorized - Middle throw lens, Zoom x 2<br>LL-704 - Motorized - Long throw lens, Zoom x 1.7<br>UL-705 - Motorized - Ultra long throw lens, Zoom x 1.7 |

## WARRANTY

|                |                    |
|----------------|--------------------|
| Projector/Lamp | 3 Years/6 Months** |
|----------------|--------------------|