

CP-EX300N

Technical Specifications

HITACHI
Inspire the Next

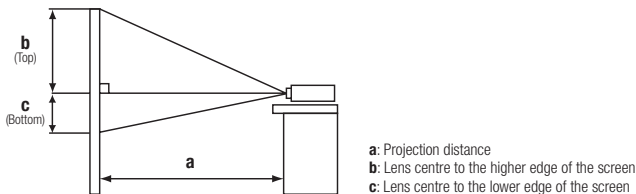
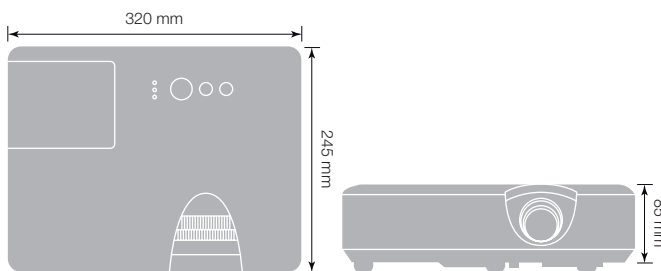
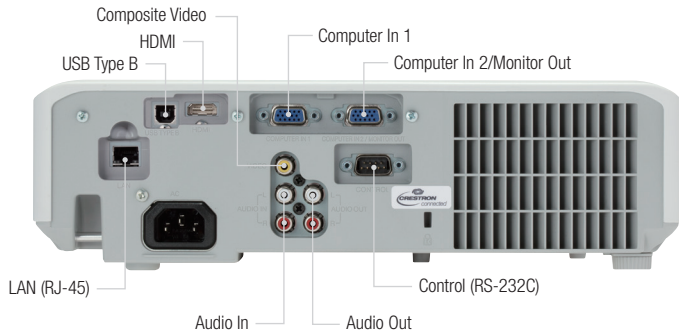


Image size 4:3 (from projector's end)

| Screen size (diagonal) | Projection distance (a) | | Screen height (cm) | |
|------------------------|-------------------------|----------|--------------------|------------|
| | Wide (m) | Tele (m) | b (top) | c (bottom) |
| 30" (0.8m) | 0.9 | 1.0 | 39 | 7 |
| 40" (1.0m) | 1.2 | 1.4 | 52 | 9 |
| 50" (1.3m) | 1.5 | 1.8 | 65 | 11 |
| 60" (1.5m) | 1.8 | 2.1 | 78 | 13 |
| 100" (2.5m) | 3.0 | 3.6 | 131 | 22 |
| 200" (5.1m) | 6.0 | 7.2 | 261 | 44 |
| 300" (7.6m) | 9.1 | 10.9 | 392 | 65 |

Image size 16:9 (from projector's end)

| Screen size (diagonal) | Projection distance (a) | | Screen height (cm) | |
|------------------------|-------------------------|----------|--------------------|------------|
| | Wide (m) | Tele (m) | b (top) | c (bottom) |
| 30" (0.8m) | 0.9 | 1.1 | 36 | 1 |
| 40" (1.0m) | 1.3 | 1.5 | 49 | 1 |
| 50" (1.3m) | 1.6 | 1.9 | 61 | 1 |
| 60" (1.5m) | 1.9 | 2.3 | 73 | 2 |
| 100" (2.5m) | 3.3 | 3.9 | 122 | 3 |
| 200" (5.1m) | 6.6 | 7.9 | 243 | 6 |
| 300" (7.6m) | 9.9 | 11.9 | 365 | 9 |



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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 3 years (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. 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

| | |
|---|--|
| LCD Panel | 0.63" (1.6cm) P-Si TFT x 3 |
| Resolution | XGA (1024 x 768) |
| White light output (brightness) | 3200 ANSI Lumens (Normal Mode)/2100 ANSI Lumens (Eco Mode) |
| Colour light output (colour brightness) | 3200 ANSI Lumens (Normal Mode)/2100 ANSI Lumens (Eco Mode) |
| Contrast ratio | 2000:1 |
| Lens | Manual focus, Manual zoom x 1.2 |
| Lamp wattage | 215W UHP |
| Lamp life | 5000 hours (Normal Mode)/6000 hours (Eco Mode)* |
| Diagonal display size | 30"~300" (76cm~762cm) |
| Number of colours | 8 Bit/colour, 1074 million colours |
| Keystone | 6:1 upward shift, fixed |
| Focus distance | 0.8m~9.0m (Wide), 1.0m~10.8m (Tele) |
| Distance to width ratio | 1.5 (Wide), 1.8 (Tele) |

COMPATIBILITY

| | |
|------------------------|--|
| Computer compatibility | IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC 16" |
| Composite/S-Video | NTSC, PAL, SECAM, PAL-M, PAL-N, NTSC4.43 |
| Component Video | 525i(480i), 525p(480p), 625i(576i), 1125p(1080p@50/60) |
| HDMI Video | 525i(480i), 525p(480p), 625i(576i), 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 signal search, Auto eco mode |
| Picture adjustments | Aspect selection (video, data, HDMI), Equalizing digital gamma correction, Equalizing colour temperature adjustment, 2-3 pull down for NTSC, Mirror reverse image, Up-side down image, Progressive scan, Noise reduction, Overscan |
| Digital keystone correction | Vertical ±30° (XGA@60Hz) |
| Advanced features | MyScreen, My Memory, My Button (by remote control), My Text, My Source, Picture modes (normal, cinema, dynamic, blackboard, whiteboard, greenboard, daytime, photo), Source naming (English), Resolution setting, Filter timer, Stand-by Audio, Template, Closed Caption (for NTSC & component 480i only), Framelock, Eco Mode (normal, eco, intelligent eco, saver), ImageCare™ |
| Outward | Easy lamp replace from top, Easy access air filter |
| Power on & off | Direct on, Auto off |
| Security systems | Security bar, PIN-lock, MyScreen password, Key lock (key pad and remote control), Kensington slot, My Text password |
| 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®, Failure and warning alerts via email, Network Bridge, PjLink™ |
| OSD languages | English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkish, Arabic, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil), Indonesian, Vietnamese |

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 15-pin Mini D-sub |
| | 1 x RCA for composite |
| Audio input | 1 x pair RCA (L/R) |
| Audio output | 1 x pair RCA (L/R) |
| Control | 1 x 9-pin D-sub for RS-232C control |
| USB | 1 x USB Type B (for mouse control) |
| Network | 1 x RJ-45 |

POWER

| | |
|---------------------------|------------------------------------|
| Power supply | AC 90~132V/AC 198~264V (50/ 60 Hz) |
| Power Consumption/Standby | 310W/<0.5W (AC 220-240V) |

PHYSICAL

| | |
|------------------------|--|
| Dimensions (W x H x D) | 320 x 85 x 245mm (excluding feet and extrusions) |
| Weight | 3.1Kg |
| Noise level | 30dB (Eco Mode)/38dB (Normal Mode) |
| Air filter | Urethane (Up to 2000 hours) |

MISCELLANEOUS

Indicator lights (lamp, temp, power), Ceiling mount image, Rear projection image, Serial number label on front, MAC address displayed on the side of projector

CERTIFICATION

UL60950-1/cUL, FCC Part 15 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

ACCESSORIES SUPPLIED

Remote control with batteries (HL02881), Computer cable, Power cord, User manual (detail & concise)

OPTIONAL ACCESSORIES

| | |
|------------------|---------|
| Replacement lamp | DT01433 |
|------------------|---------|

WARRANTY

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