**SPECIFICATIONS**

**Input Signal**
- NTSC, PAL, SECAM, HVS, Nam, G53, G57, HVS, and CBS
- 525i, 625i, 1125i, 1250i, 1125p, 1250p, 1080i, 768p, and 1080p

**Input Level**
- 0 dBmV (2.0 mV) for PAL and SECAM
- 0 dBmV (1.0 mV) for NTSC, G53, and G57

**Audio Input**
- Input sensitivity: 200 mVrms
- Output: 200 mVrms, 1 kΩ load

**Input Video**
- Composite: 1.0 Vp-p, 75 Ω
- S-video: 1.0 Vp-p, 75 Ω

**Input Component**
- NTSC, PAL, SECAM, HVS: 1.0 Vp-p, 75 Ω
- G53, G57, HVS, CBS: 0.7 Vp-p, 75 Ω

**Input RGB**
- 15-pin D-sub: 0.7 Vp-p, 75 Ω
- Component Video: 1.0 Vp-p, 75 Ω

**Output Audio**
- Headphone: <0.5 Vrms

**Output Video**
- Composite: 1.0 Vp-p, 75 Ω

**Output Component**
- NTSC, PAL, SECAM, HVS: 1.0 Vp-p, 75 Ω
- G53, G57, HVS, CBS: 0.7 Vp-p, 75 Ω

**Output RGB**
- 15-pin D-sub: 0.7 Vp-p, 75 Ω
- Component Video: 1.0 Vp-p, 75 Ω

**Output Audio**
- Headphone: <0.5 Vrms

**Input Power**
- 110-240 VAC, 50/60 Hz

**Output Power**
- 250 W

**Fan Speed**
- 30 dB (High), 25 dB (Low)

**Environmental Friendly Products and Services**

- **Use of environmentally friendly materials**
  - In compliance with RoHS & restricted materials, unleaded solder
  - Lead-free solder is used.
  - No use of bromine or halogen combustible compounds in cabinets,
  - No use of paint and less hazardous.
  - No use of paint in mechanical parts.
  - No use of recycle carton boxes.

- **Reduction of resin usage in production**
  - Use of new paper rolls for making cabinets in order to reduce mill ends.
  - This catalog is printed on recycled paper and using environmentally friendly soy-based ink.

**Network Functions**

- Allow projector use in remote locations.
- Ideal for using multiple projectors in classrooms and meeting rooms.

**CP-X3010N**
- 3,000 ANSI Lumens
- For Standard Classrooms

**CP-X2510N**
- 2,600 ANSI Lumens
- For Small Classrooms

**CP-X2010N**
- 2,200 ANSI Lumens
- For Small Meeting Rooms

Printed in Japan (H) NIM-340 0309
Network functions provide higher efficiency with projector control, maintenance and security over your LAN.

Advanced Network Functions

- **Centralized Reporting**
  With just one PC in an administration room, you can collect reports from all projectors connected to the network.

- **Messenger**
  The Messenger function allows you to send and display text messages on your network projector. It is an easy and efficient way to send campus wide announcements.
  
  **Message function is ideal for:**
  - Campus Notifications
  - School Activities
  - Draft Schedules
  - Community/Local News

- **Convenient Networking**
  Embedded networking gives you the ability to manage and control multiple projectors over your LAN. Scheduling, e-mail alerts, and image transfer (MY IMAGE) are just some of the functions available via LAN.

Superior Maintenance Functions

- **Hybrid Filter and Lamp Door on Top**
  Thanks to the Hybrid Filter, maintenance and cleaning are much less frequent, making longer operation possible. The lamp door is on the top and the filter cover slides in and out from the front bottom, so maintenance and replacement of these parts can be done easily.

- **Hybrid Filter**
  Filter maintenance frequency has been improved from every 400 hours to every 5,000 hours.
  - Actual filter maintenance necessary varies according to environment. You can set the filter message for every 1000, 2000, 5000, 10000, 20000, or 50000 hours.

- **Lamp Door on Top**
  These projectors have the lamp door on the top. Therefore you can easily change the lamp.

High Picture Quality

- **2,000:1 High Contrast Ratio**
  The CP-X3010N and CP-X2510N feature an Active Iris that is automatically controlled to ensure best image contrast and depth perspective during both bright and dark scenes.

Outstanding Usability

- **High Image Quality**
  Hitachi improved image quality with its own optics and lamp technologies, and adjusted color balance while maintaining high brightness. Furthermore, thanks to Motion Adaptive Progressive Scan, 3:2 Pull Down, Noise Reduction, Equalizing Gamma Function, you can even project moving pictures with beautiful clarity.

- **Power Saving Mode**
  The Power Saving mode reduces standby power consumption to less than 5W. The following features are disabled: RS-232C control except power on command, and audio capability including audio pass through.

- **Template Function**
  When projecting onto a whiteboard, blackboard and so on, this function projects lines, making writing on the board easier. You can choose four types of lines.

- **Versatile Security**
  These projectors are equipped with a security bar that allows the easy attachment of a security chain. By using the PIN Lock, you can limit the number of users. The MyScreen function can be used to identify the owner, and the projector is also protected by the PIN Lock. A Transition Detective will prevent unauthorized use of the projector.

- **On/Off Button**
  This button allows you to turn the projector on and off.

- **Remote Controller**
  With the remote controller, you can operate the projector from almost anywhere in the room.

- **Security Label**
  The security label included with the projector is attached to ensure the projector's security.

- **Part Number**
  CP-X3010N (3,000 ANSI Lumens)
  CP-X2510N (2,600 ANSI Lumens)
  CP-X2010N (2,200 ANSI Lumens)