**Maintenance**

- **Lamp Door on Top**
  Easy replacement when the projector is mounted on the ceiling.

- **New Hybrid Filter**
  Filter maintenance frequency has been improved from every 400 hours to every 2,000 hours.

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**Superior features that make easy maintenance possible.**

Thanks to the Hybrid Filter, maintenance and cleaning are much less frequent, making longer operation possible. With the lamp door on the top and the filter cover on the side, maintenance and replacement of these parts can be done easily even in installed projectors.

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**Security**

- **Security Bar**
- **PIN Lock and My Screen PIN Lock**
- **Transition Detector**

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**LCD Projector**

**CP-X450**

**Versatile Security**

- **Improved Security Bar Prevents Theft**
  This projector has an improved Security Bar that provides deeper space for secure chains. It also has a Kensington security slot for use with a lock to attach a cable. These security functions prevent theft when the projector is mounted on a ceiling or used on a cart-top.

- **Limit Users with PIN Lock and My Screen PIN Lock**
  PIN Lock ensures that only those who know the PIN can use the projector. My Screen PIN Lock locks in a certain image as the startup screen. Using a school name or company logo, for example, makes it clear who owns the projector to prevent use by unauthorized persons.

- **Transition Detector Prevents Unauthorized Use**
  Even if someone takes the projector without authorization, they cannot use it.

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**Superior Usability**

- **3,500 ANSI Lumens Brightness**
  The CP-X450 features high brightness of 3,500 ANSI Lumens. In classrooms or medium-sized meeting rooms, clear images can be projected without darkening the room, allowing students and participants to take notes easily.

- **Low Noise of 29dBA (Whisper Mode)**
  Employing a new fan design, this projector achieves a low noise of 29dBA in Whisper mode. With performance as quiet as a guest room in a hotel, this makes it easy to give lessons or presentations in small size classrooms or conference rooms without noise disturbing the audience.

- **Remote Control Makes Operation Easier**
  My Button and My Source buttons on the remote control give you fast access to frequently used functions and sources. Doc. Camera and Volume Up/Down buttons are also provided.

- **Daytime Mode Corrects Details in Bright Conditions**
  Projected images may sometimes be difficult to see under bright lighting. The Daytime Mode uses image quality correction technology to counter the effects of light, ensuring clear, vivid images.

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**Other Features**

- **4-second Quick Start • Direct Power On/Off • 1.3:1 Pull Down • Noise Reduction • Motion Adaptive Progressive Scan • Equalizing Gamma Function • Auto Vertical Keystone Correction • Input Source Naming • IR Remote Frequency Change • Serial No. Label on Side • Security Label Included**