**SPECIFICATIONS**

**Model name**
- CP-X444:109mm (4-3/8"
- CP-X445:95mm (3-3/4"

**Dimensions**
- 98mm (3-7/8") (top)
- 99mm (3-7/8") (bottom)
- 263mm (10-7/16")
- 336mm (13-1/4")
- 336 x 95 x 265mm (12-1/4" x 3-3/4" x 10-7/16") [excl. protruding part]

**Operating temperature**
- 5-35°C (41-95°F)

**Power consumption**
- AC100-120V/AC220-240V
- 400:1
- 2,500 ANSI Lumens
- 230W UHB
- Manual zoom (F=1.7-1.9) 1:1.2
- 786,432 pixels (V768 x H1,024)

**Lens**
- 0.7" polysilicon active-matrix TFT x 3

**Brightness**
- 3W x 4
- 3,200 ANSI Lumens
- 230W UHB
- Manual zoom (F=1.7-2.1) 1:1.2
- 786,432 pixels (V768 x H1,024)

**Remote control**
- Quick guide, Power cord, 14-language user's manual, Remote control, Batteries, RGB cable, Safety instruction,

**Lamp**
- 3.9kg (8.5 lbs.)
- 230W UHB

**Speaker**
- 1W x 1

**Control terminal**
- 9-pin Dsub terminal x 1 for RS232C, USB terminal x 1, RJ45 (10BASE-T),

**RGB input**
- VGA, SVGA, XGA, SXGA, UXGA, MAC16"

**Video input**
- HDTV: 750p (720p), 1125i (1080i)
- SDTV: 525i (480i), 525p (480p)
- NTSC, NTSC4.43, PAL, SECAM, M-PAL, N-PAL

**Screen Size**
- 7.6m (303")
- 6.1m (242")
- 3.7m (144")
- 2.7m (108")
- 1.8m (72")
- 0.9m (35")

**Screen Height from Lens Center to Bottom**
- 1.8m (72")
- 1.4m (56")
- 1.2m (47")
- 0.9m (35")

**Projection Distance**

<table>
<thead>
<tr>
<th>Screen Size</th>
<th>Min</th>
<th>Typical Office</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>4.4m (172&quot;)</td>
<td>7.7m (302&quot;)</td>
<td>10.0m (393&quot;)</td>
</tr>
<tr>
<td>80</td>
<td>3.3m (129&quot;)</td>
<td>5.5m (217&quot;)</td>
<td>7.7m (302&quot;)</td>
</tr>
<tr>
<td>50</td>
<td>2.9m (114&quot;)</td>
<td>4.4m (172&quot;)</td>
<td>6.1m (242&quot;)</td>
</tr>
<tr>
<td>40</td>
<td>2.5m (100&quot;)</td>
<td>3.7m (144&quot;)</td>
<td>4.4m (172&quot;)</td>
</tr>
<tr>
<td>30</td>
<td>2.0m (78&quot;)</td>
<td>3.0m (118&quot;)</td>
<td>4.0m (158&quot;)</td>
</tr>
<tr>
<td>15</td>
<td>1.5m (59&quot;)</td>
<td>2.0m (78&quot;)</td>
<td>2.5m (98&quot;)</td>
</tr>
<tr>
<td>10</td>
<td>1.0m (39&quot;)</td>
<td>1.5m (59&quot;)</td>
<td>2.0m (78&quot;)</td>
</tr>
<tr>
<td>5</td>
<td>0.7m (27&quot;)</td>
<td>1.0m (39&quot;)</td>
<td>1.5m (59&quot;)</td>
</tr>
</tbody>
</table>

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**Hitachi, Ltd. Digital Media Division**
Yokohama Plant
Hitachi, Ltd. Digital Media Division has received CE 2015 certification.
For business and educational uses, choose the outstanding brightness and performance of the CP-X445.

The projectors are compatible with the RGB Input 2 system, Video Input 3 system, and a wide variety of other input signals. They also provide RGB Output and Audio Output terminals.

Whisper Mode ready reduces the fan noise down to 32dB. The result is quiet performance even in small room settings such as a meeting or classroom.

These Hitachi projectors use three LCD panels, which output the red, green and blue colors simultaneously. This results in smoother blacks, for extremely high quality images.

An easy-to-understand menu lets even first-time users easily make settings with the remote control. And as a security measure, the projector will not operate until you have entered a four-digit ID from the remote control.

The short focal point lens makes it possible to display a large 60" screen at a projection distance of 1.8m. Even in conference rooms or classrooms with limited space, you can give impressive large-screen presentations.

When making initial settings or when the screen would be blank, you can display a company logo, school name or other still picture that has been preset in the projector. This is an effective way to focus people's attention on the screen before beginning a presentation or lesson.

• 3,200 ANSI Lumens • Built-in LAN Control • Built-in 12W Speakers
• Auto Keystone Correction • DVI Interface • Full Connectivity
• 32dB Whisper Mode Ready • LCD Panel Technology
• My Screen Function • User Friendly Functions • Wide Angle Lens

Just push the Keystone button on the projector for automatic correction of vertical keystone distortion. This makes it easy so you can virtually make settings automatically.

Connection via the digital DVI terminal greatly reduces image deterioration, ensuring the highest possible picture quality with digital sources.

The CP-X445 is equipped with a LAN control function. This lets you use a computer to control and efficiently operate a group of projectors linked by a LAN. You can connect and disconnect power to projectors installed far from the computer and check how long their lamps have been used.

Four 3W speakers are built in to the projector. No matter where it is placed in the room, the big 12W total audio output provides clear sound. There is no need to connect external speakers, and even if the classroom does not have speakers, the CP-X445 delivers all the sound you want.

Full Connectivity
The projectors are compatible with the RGB Input 2 system, Video Input 3 system, and a wide variety of other input signals. They also provide RGB output and audio output terminals.

32dB Whisper Mode Ready
Whisper Mode reduces the fan noise down to 32dB. The result is quiet performance even in small room settings such as a meeting or classroom.

LCD Panel Technology
These Hitachi projectors use three LCD panels, which output the red, green and blue colors simultaneously. This makes it possible to display very high-quality images.

My Screen Function
When making initial settings or when the screen would be blank, you can display a company logo, school name or other still picture that has been preset in the projector. This is an effective way to focus people's attention on the screen before beginning a presentation or lesson.

User Friendly Functions
An easy-to-understand menu lets even first-time users easily make settings with the remote control. As a security measure, the projector will not operate until you have entered a four-digit ID from the remote control.

Wide Angle Lens
The short focal point lens makes it possible to display a large 60" screen at a projection distance of 1.8m. Even in small rooms or classrooms with limited space, you can give impressive large-screen presentations.

Other Features
• Menu Button
• Freeze Function
• Magnifying
• Digital Gamma Correction
• 3D Y/C Separation (CP-X445)
• 3:2 Pull Down
• Auto Configuration (H-Phase, H-Size, Position)
• PIN Lock System

Plug and Play
Freeze Function
Magnifying
Digital Gamma Correction
3D Y/C Separation (CP-X445)
3:2 Pull Down
Auto Configuration (H-Phase, H-Size, Position)
PIN Lock System