Multimedia Projector

Easy Interactive Tools Ver.2 Operation Guide
Easy Interactive Tools Ver.2 Operation Guide
Features

Drawing function

You can use Easy Interactive Tools to draw lines and shapes on the projected image. This is useful to provide emphasis and focus the audience’s attention on the important points being projected in lessons or presentations.

You can also project solid color background such as a whiteboard and write or draw text and pictures. In addition to the plain background, you can also choose other background patterns such as grid lines or a music sheet.

"Toolbar Functions" p.10

You need to install Easy Interactive Driver Ver.2.XX for Mac OS X.

"Drawing and Operating with a Pen" p.7

Operating the computer with a pen instead of a mouse (Mouse mode)

You can click and drag using a pen (Easy Interactive Pen) on the projected computer screen image. This allows you to operate a computer from the projected screen in lessons or presentations.

Two people simultaneously drawing with pens (multi-user)

Two people can simultaneously draw lines and shapes using Easy Interactive Pens.

In the following situations, only one person can use the Easy Interactive Pen.

• When using Mouse mode
• When saving a screen
• When printing a screen
• When setting a background from a file
• When inserting an image
• If the model of the projector is EB-465i/EB-460i/EB-455Wi/EB-450Wi

For EB-485Wi/EB-480i/EB-475Wi users

For two people to use Easy Interactive Pens, set Number of Pen Users to Two Users from Extended - Easy Interactive Function in the projector’s Configuration menu.
# System Requirements

## For Windows

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td></td>
<td>Windows Vista</td>
<td>Ultimate 32 bit</td>
<td>Enterprise 32 bit</td>
<td>Business 32 bit</td>
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<td></td>
<td></td>
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<td>Home Premium 32 bit</td>
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<td></td>
<td></td>
<td>Home Basic 32 bit</td>
</tr>
<tr>
<td></td>
<td>Windows 7</td>
<td>Ultimate 32/64 bit</td>
<td>Enterprise 32/64 bit</td>
<td>Professional 32/64 bit</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Home Premium 32/64 bit</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Home Basic 32 bit</td>
</tr>
<tr>
<td>CPU</td>
<td>Intel Pentium M 1.6 GHz or faster</td>
<td>512 MB or more</td>
<td>Recommended: 1 GB or more</td>
<td>100 MB or more</td>
</tr>
<tr>
<td>Amount of Memory</td>
<td>512 MB or more</td>
<td>512 MB or more</td>
<td>Recommended: 1 GB or more</td>
<td>100 MB or more</td>
</tr>
<tr>
<td>Hard Disk Space</td>
<td>Resolutions no lower than XGA (1024 x 768) and no higher than WUXGA (1920 x 1200)</td>
<td>Display color of 16-bit color or more</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Display</td>
<td>Quick Time 7.2 or later is required.</td>
<td>Resolutions no lower than XGA (1024 x 768) and no higher than WUXGA (1920 x 1200)</td>
<td>Display color of 16-bit color or more</td>
<td></td>
</tr>
</tbody>
</table>

* Service Pack 2 or later

## For Mac OS X

| OS*         | Mac OS X 10.4.x               | Mac OS X 10.5.x                     | Mac OS X 10.6.x                     | Mac OS X 10.7.x          |

* For Mac OS X

**Notes:**

- For Windows, Service Pack 2 or later is required.
- For Mac OS X, Quick Time 7.2 or later is required.
Install Easy Interactive Tools

Installing

- Install the software as a user with administrator authority.
- Close all running applications and then start the installation.

For Windows

1. Turn on your computer.
2. Insert the "EPSON Projector Software for Easy Interactive Function" CD-ROM into your computer.
   The installer starts automatically. If the installer does not start automatically, double-click the "EIN_TTWInst.exe" file in the CD-ROM drive.
3. Follow the on-screen instructions to install.

For Mac OS X

1. Turn on your computer.
2. Insert the "EPSON Projector Software for Easy Interactive Function" CD-ROM into your computer.
3. Double-click the Install Navi icon in the EPSON window.
4. Follow the on-screen instructions to install.

Uninstalling

For Windows XP

1. Click Start, and then Control Panel.
2. Double-click Add/Remove Programs.
3. Select Easy Interactive Tools, and then click Remove.

For Windows Vista/Windows 7

1. Click Start, and then Control Panel.
2. Click Uninstall a program.
3. Select Easy Interactive Tools, and then click Uninstall.
For Mac OS X

1. Double-click Applications - Easy Interactive Tools Ver.2.XX.
2. Run Easy Interactive Tools Uninstaller from the Tools folder.
3. Follow the on-screen instructions to uninstall.
Starting Easy Interactive Tools

For EB-485Wi/EB-480i/EB-475Wi users

- Before starting Easy Interactive Tools, you need to set Extended - USB Type B to Easy Interactive Function or USB Display/Easy Interactive Function in the projector's Configuration menu.
- Set the source to which the computer is connected in Use Source from Extended - Easy Interactive Function in the projector's Configuration menu.

For Windows

1. Project an image from the projector.
2. Connect the projector to the computer using a USB cable.
3. Click EPSON Projector - Easy Interactive Tools Ver.xx from the Start menu.

Easy Interactive Tools starts, and the toolbar is displayed.

"Toolbar Functions" p.10

For Mac OS X

1. Project an image from the projector.
2. Connect the projector to the computer using a USB cable.
3. Double-click the Easy Interactive Tools icon in the folder where Easy Interactive Tools is installed.

Easy Interactive Tools starts, and the toolbar is displayed.

"Toolbar Functions" p.10

Drawing and Operating with a Pen

When the Easy Interactive Tools toolbar is displayed, specify the color and width of the line, or the type of shape from the toolbar. You can write on the projected image using the Easy Interactive Pen.

Click the [ ] button to use the Easy Interactive Pen as a mouse.
For EB-485Wi/EB-480i/EB-475Wi users

If you set Enable Right Click to On from Extended - Easy Interactive Function, pressing down of the Easy Interactive Pen functions as a right click.

Hiding the Toolbar

Click [+] to hide the toolbar.

You can display the toolbar again by clicking the toolbar tab [ ] on the right or left side of the screen.

- If you click [-], the toolbar is hidden each time you operate on it. By default, the toolbar is always displayed.
- The toolbar tab can be moved up and down but cannot be hidden until you exit Easy Interactive Tools.

Exiting Easy Interactive Tools

You can exit by using one of the following methods.

For Windows

• Click [ ] on the toolbar.

• Click [ ] on the task tray, and then click Exit from the popup menu.

For Mac OS X

• Click [ ] on the toolbar.
• Right-click or control-click [ ] in the Dock, and then click Quit from the popup menu.
Common Functions

Easy Interactive Tools provides the following two modes.

<table>
<thead>
<tr>
<th>Mode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annotation mode</td>
<td>You can draw lines and shapes on the computer screen.</td>
</tr>
<tr>
<td>Whiteboard mode</td>
<td>You can project solid color background such as a whiteboard and write or draw text and pictures. In addition to the plain background, you can also choose other background patterns such as grid lines or a music sheet.</td>
</tr>
</tbody>
</table>

This section describes functions common to Annotation mode and Whiteboard mode.

- See the following section for functions that are specific to Annotation mode.
  - "Annotation Mode Specific Functions" p.12
- See the following section for functions that are specific to Whiteboard mode.
  - "Whiteboard Mode Specific Functions" p.12

 Toolbar Functions

1. **Annotation mode tab**
   - Switches to Annotation mode.

2. **Whiteboard mode tab**
   - Switches to Whiteboard mode.

3. **Save**
   - Saves the screen displayed in the current mode in JPEG, BMP, PNG, or PDF format. All pages that are being edited are saved in Whiteboard mode. If you save as PDF, these pages are combined as one file.
Undo
Undo the previous operation.

Redo
Cancels an undo operation and restores the previous status.

Magnifier
Opens the magnifier screen and displays an enlarged view of the image at the center of the screen.
[ ]: Zoom in
[ ]: Zoom out

Other tools
Displays the following toolbar.

Spotlight
Emphasizes part of the projected image using a spotlight effect. You can drag the spotlight frame to change the emphasized area.
Click [ ] to exit spotlight.

Shade
Covers the projected image with a shade. You can drag the four sides to change the shaded area.
Click [ ] to exit shade.

Pen
Switches to a pen to draw freely. Click [ ] on the left of the icon to change the color and width of the pen line.

Highlighter pen
Switches to a highlighter pen that can draw translucent lines. Click [ ] on the left of the icon to change the color and width of the highlighter pen line.

Black pen
Switches to a black pen to draw freely. Click on the right of the icon to draw thick lines, and click on the left of the icon to draw fine lines.

Red pen
Switches to a red pen to draw freely. Click on the right of the icon to draw thick lines, and click on the left of the icon to draw fine lines.

Blue pen
Switches to a blue pen to draw freely. Click on the right of the icon to draw thick lines, and click on the left of the icon to draw fine lines.

Eraser
Switches to an eraser. Click on the right of the icon to erase wider areas, and click on the left of the icon to erase narrower areas.

Settings
Opens the settings screen.
“Settings Screen” p.13

Right click (Only available when using computer interactive functions in Annotation mode.)
A pen click functions as a right-click only once, and then returns to a normal click.

Help (Annotation mode only)
Displays the Help.
Clear screen
Clears everything drawn on the displayed page.

Annotation Mode Specific Functions
This section describes functions that are specific to Annotation mode.

See the following section for functions common to Annotation mode and Whiteboard mode.

"Common Functions" p.10

Mouse
Switches from Annotation mode to Mouse mode and the cursor on the computer screen becomes a normal mouse cursor. You can click and drag on the projected image using the Easy Interactive Pen.
Click this icon again to return to Annotation mode.

Page up
Go to the previous page in an opened document.

Page down
Go to the next page in an opened document.

Camera (available in Mouse mode)
Displays the image from a document camera* connected to the computer. The following icons are displayed while the image is displayed.

[ ]: Searches the document camera connected to the computer.

[ ]: Displays an enlarged view of the image from the document camera.

[ ]: Reduces the enlarged image.

[ ]: Displays the image from the document camera full screen.

[ ]: Switches from full screen display to window display.

Keyboard (available in Mouse mode)
Displays a virtual keyboard on the screen. You can enter characters and control the computer from the virtual keyboard by clicking the keys in Mouse mode.

* Supported by both ELPDC06 and ELPDC11.

Whiteboard Mode Specific Functions
This section describes functions that are specific to Whiteboard mode.

See the following section for functions common to Annotation mode and Whiteboard mode.

"Common Functions" p.10
1. Select background
   Allows you to select a pattern from the nine background patterns provided for Whiteboard mode.
   You can also select to show your desktop, an image file, or an image from the document camera* as the background image.

2. Page list
   Displays a list of the pages currently being edited.
   When the mouse cursor leaves the page list, the list is automatically minimized to the right or left of the screen. The list is displayed again if you move the cursor to, or click on the minimized area.
   Click [ ] to unpin the page list.
   Click [ ] to close the page list.

3. New page
   Opens a new page in Whiteboard mode.

4. Insert image
   Select the source image you want to insert into the current page.
   The following two options are available.
   - From file
     You can select an image in JPEG, BMP, or PNG format.
   - From camera

5. Delete page
   Deletes the current page.

6. Select
   Changes to a cursor so that you can move or adjust the size of the image you inserted using Insert image.

* Supported by both ELPDC06 and ELPDC11.

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**Settings Screen**

This screen is displayed when you click [ ] in Other tools.

**General settings tab**

You can insert a still image from the document camera* connected to the computer.

- **Delete page**
  Deletes the current page.

- **Select**
  Changes to a cursor so that you can move or adjust the size of the image you inserted using Insert image.

---

**Toolbar size**
Sets the size of the toolbar to **Small** or **Normal**.
Toolbar Functions

<table>
<thead>
<tr>
<th>Page list display position</th>
<th>Sets the position where the page list is displayed in Whiteboard mode.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spotlight shape</td>
<td>Sets the shape of the spotlight to a circle or square.</td>
</tr>
<tr>
<td>Overlay will be invalid</td>
<td>(For Windows XP only) Select to save movie content as it looks after adding annotations or drawings to the movie.</td>
</tr>
</tbody>
</table>

Language settings tab (Windows only)

| Change language | Sets the display language for Easy Interactive Tools. This setting takes effect after restarting Easy Interactive Tools. |

Save settings tab

<p>| Check when saving | Sets whether or not to check the location when saving the screen. Select this to display the specified location when saving the screen. |
| Save location folder | Sets the folder where you want to save the screen. The following are the default folders for saving screens. For Windows XP <code>&lt;startup_drive&gt;:\Documents and Settings\&lt;user_name&gt;\My Documents\Easy Interactive Tools</code> For Windows Vista/Windows 7 <code>&lt;startup_drive&gt;:\Users\&lt;user_name&gt;\Documents\Easy Interactive Tools</code> For Mac OS X <code>&lt;startup_drive&gt;:\Users\&lt;user_name&gt;\Documents\Easy Interactive Tools</code> |</p>
<table>
<thead>
<tr>
<th>File name</th>
<th>Sets the file name for the saved screen. The date, time, and extension are added at the end of the file name when saving the file. Example: AAA-20110121173050.jpg. The following is the default file name for saving screens. &quot;format&quot;.&quot;yyyymmddhhmmss&quot;.&quot;extension&quot; Example: JPG-20110121173050.jpg</th>
</tr>
</thead>
<tbody>
<tr>
<td>File type</td>
<td>Sets what file type to use when saving the files.</td>
</tr>
</tbody>
</table>
### Problem | Solution
--- | ---
Characters become garbled after changing the language. | Characters become garbled if fonts for the language you are using are not available on your operating system. Select **Restore defaults** on the settings screen to restore the default settings.

- “Settings Screen” p.13

The movie display area shows a black box after saving a screen that contains a movie. | Change the video accelerator settings manually.  
(1) Select **Start** - **Control Panel** - **Display** - **Settings**, and then click **Advanced** button.  
(2) Select **Troubleshoot**.  
(3) Move the **Hardware acceleration** to the position second from the left.  
When changing the settings, the playback screens for some DVDs/BluRays may not be displayed. Also, changing the settings may affect other applications.  
After closing Easy Interactive Tools, return the video accelerator settings to their previous state.

Lines drawn on Media Player images flicker. | In the following situations, only one person can use the Easy Interactive Pen.  
- When using Mouse mode  
- When saving a screen  
- When printing a screen  
- When setting a background from a file  
- When inserting an image

Highlight lines drawn on Media Player images, do not become transparent. | You cannot draw on the Keynote in Mac OS X.

One person cannot operate their pen when two people are using interactive pens. | The following restrictions apply.  
- Applications that use the Microsoft DirectX function may not display correctly when using Magnifier. (Windows Vista only)  
- DVD player images cannot be displayed correctly in Magnifier. (Mac OS X 10.7.x only)

Cannot draw on the Keynote. | The following restrictions apply.  
- Applications that use the Microsoft DirectX function may not be able to save or print images correctly.  
- DVD player images cannot be saved or printed correctly. (Mac OS X 10.7.x only)
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Microsoft® Windows® XP operating system
Microsoft® Windows Vista® operating system
Microsoft® Windows® 7 operating system

In this guide, the operating systems above are referred to as "Windows XP", "Windows Vista", and "Windows 7". Furthermore, the collective term Windows may be used to refer to Windows XP, Windows Vista, and Windows 7, and multiple versions of Windows may be referred to as, for example, Windows XP/Vista/7, with the Windows notation omitted.

Mac OS X 10.4.x
Mac OS X 10.5.x
Mac OS X 10.6.x
Mac OS X 10.7.x

In this guide, the operating systems above are referred to as "Mac OS X 10.4.x", "Mac OS X 10.5.x", "Mac OS X 10.6.x", and "Mac OS X 10.7.x". Furthermore, the collective term 'Mac OS X' is used to refer to them all.

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