Easy Interactive Tools Ver.3.0 Operation Guide
**Features**

Easy Interactive Tools is an application that allows you to draw on projected images.

By using the interactive pen supplied with the projector, the following drawing functions become available. You can also use your finger to draw on the projected image if your projector supports touch operations.

**Drawing on the projected image (Annotation mode)**

Annotation mode allows you to add points and notes to the projected image. By using illustrations, images, and graphics, you can enhance classroom lessons and create more appealing presentations.

**Drawing on a plain background (Whiteboard mode)**

Whiteboard mode allows you to add text or images to a solid color background. You can also select different backgrounds such as grid lines or music sheet. Lined backgrounds could be useful for writing minutes or documents during a meeting.

**Useful functions**

- Operate the computer's mouse
  - "Operating a mouse from the projected image (mouse operations)" p.10
- Control devices connected to a computer, such as a projector or document camera, from the projected image
  - "Tool Panel Functions" p.15
  - "Camera Screen" p.17
- Edit content drawn on the projected screen
  - "Adjusting and Editing Shapes and Images" p.23
• Save the content you created as a PowerPoint slide
  "Slideshow Drawing Tool" p.24
• Use for teleconferencing
When you connect the projector to a computer over a network using EasyMP Network Projection or EasyMP Multi PC Projection, you can share the projected screen with a remote location.
When used with Easy Interactive Tools, you can share annotations and drawings made on the projected screen with multiple locations. (Interactive pen and touch operations are only supported by EasyMP Network Projection.)

### System Requirements

#### Windows

<table>
<thead>
<tr>
<th>OS</th>
<th>Windows XP*</th>
<th>Professional 32-bit</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Home Edition 32-bit</td>
<td></td>
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<tr>
<td></td>
<td>Tablet PC Edition 32-bit</td>
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<tr>
<td>Windows Vista</td>
<td>Ultimate 32-bit</td>
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<td></td>
<td>Enterprise 32-bit</td>
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<td></td>
<td>Business 32-bit</td>
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<td></td>
<td>Home Premium 32-bit</td>
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<tr>
<td></td>
<td>Home Basic 32-bit</td>
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<tr>
<td>Windows 7</td>
<td>Ultimate 32-/64-bit</td>
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<tr>
<td></td>
<td>Enterprise 32-/64-bit</td>
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<td></td>
<td>Home Basic 32-bit</td>
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<td>Windows 8</td>
<td>Windows 8 32-/64-bit</td>
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<tr>
<td></td>
<td>Windows 8 Pro 32-/64-bit</td>
<td></td>
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<tr>
<td></td>
<td>Windows 8 Enterprise 32-/64-bit</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CPU</th>
<th>Intel Pentium M 1.6 GHz or faster</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Recommended: Intel Core2 Duo 1.2 GHz or faster</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Amount of Memory</th>
<th>512 MB or more</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Recommended: 1 GB or more</td>
</tr>
</tbody>
</table>

| Hard Disk Space | 100 MB or more |

<table>
<thead>
<tr>
<th>Display</th>
<th>Resolutions no lower than XGA (1024 x 768) and no higher than WUXGA (1920 x 1200)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Display color of 16-bit color or more</td>
</tr>
</tbody>
</table>

* Service Pack 2 or later

#### OS X

<table>
<thead>
<tr>
<th>OS*</th>
<th>Mac OS X 10.5.x</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mac OS X 10.6.x</td>
</tr>
<tr>
<td></td>
<td>OS X 10.7.x</td>
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<tr>
<td></td>
<td>OS X 10.8.x</td>
</tr>
<tr>
<td></td>
<td>OS X 10.9.x</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CPU</th>
<th>Power PC G4 1.5 GHz or faster</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Recommended: Intel Core Duo 1.5 GHz or faster</td>
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<tr>
<td></td>
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</tr>
</tbody>
</table>

* QuickTime 7.7 or later is required.
Installing

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

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.

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.

You need to install Easy Interactive Driver for OS X. Select Easy Install and install Easy Interactive Driver.

Projector's User's Guide
When using EB-465i/EB-460i/EB-455Wi/EB-450Wi/BrightLink 455Wi/BrightLink 450Wi, use Easy Interactive Driver Ver. 1.XX.

Uninstalling

Windows XP

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

Windows Vista/Windows 7

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

Windows 8/Windows 8.1

1. Select Search on the Charms, and then search for Easy Interactive Tools Ver.X.XX.
2. Right-click (press and hold) Easy Interactive Tools Ver.X.XX, and then select Uninstall from the app bar.
3. Select Easy Interactive Tools Ver.X.XX, and then select Uninstall.
Install Easy Interactive Tools

OS X

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

Make the following preparations before starting Easy Interactive Tools.

The projector’s setting method and items vary depending on the model being used. Also, models that do not support network connection cannot be connected to over a network. For more details, see the projector’s User’s Guide.

When connecting a computer to the projector with a USB cable

• Connect the USB cable to the computer’s USB port and the projector’s USB-B port.
• Set the Extended settings from the projector’s Configuration menu.

When connecting a computer to the projector over a network

• Make network settings so that the computer can connect to the network.
• Connect a wireless LAN unit or a LAN cable so that the projector can connect to the network.
• Set the Network settings from the projector’s Configuration menu.
• Install EasyMP Network Projection or EasyMP Multi PC Projection from the EPSON Projector Software CD-ROM supplied with the projector.
• If you are connecting using EasyMP Network Projection, open the Set options screen, select the General settings tab, and then select Use Interactive Pen and Use Easy Interactive Tools.
• If you are connecting using EasyMP Multi PC Projection, open the Set options screen, select the General settings tab, and then select Use Easy Interactive Tools.

1 Turn on the projector and project images from the computer.
2 Start Easy Interactive Tools on the computer.

• Windows XP/Windows Vista/Windows 7: Select Start - Programs (or All Programs) - EPSON Projector - Easy Interactive Tools Ver.X.XX.
• Windows 8/Windows 8.1: On the Start screen or the App screen, click (tap) Easy Interactive Tools Ver.X.XX.
• OS X: From the Applications folder, double-click Easy Interactive Tools Ver.X.XX.

Easy Interactive Tools starts, and the Home screen is displayed.

If you start Easy Interactive Tools while playing a movie, the movie playback screen may turn black. Restart the application software that is playing the movie.
Operating the Interactive Pen

You can use the interactive pen supplied with the projector to operate the Easy Interactive Tools.

The functions and shape of the interactive pen differ depending on the model with which it was supplied. For more details, see the projector’s User’s Guide.

Check that there is a battery in the interactive pen, and then turn it on.

- Press the pen tip button to the screen to select an icon.
- Press and move the pen on the screen to draw.

You can use two interactive pens at the same time. However, you can only use one in the following situations:
- While connected to a network
- When using EB-465i/EB-460i/EB-455Wi/EB-450Wi/BrightLink 455Wi/BrightLink 450Wi

You can operate Easy Interactive Tools with up to six devices at the same time, such as a mouse connected to a computer. For OS X, you can operate with up to three devices.

The following operations can only be performed by one device:
- Operations on the Home screen, Settings screen, Camera screen, Insert image screen, and Select background screen
- Adjusting and editing shapes and images
- Using menus
- Entering text
- Operations on a window displayed in Whiteboard mode

Attention

Do not hold the nib section (a) of the interactive pen, or allow it to be cracked or dirty. Otherwise, the interactive pen may fail to operate.

Touch Operations

On projectors that support touch operation, you can use your finger to perform the same functions as the interactive pen.
When performing touch operations, you can also use two fingers for multi-touch operations such as enlarging or reducing the image. The projector recognizes up to six multi-touch points. When a group of people are performing touch operations, all members must use the same drawing tool.

**Drawing**

Select a function from the Command Bar and the Drawing Toolbar.

1. **Command Bar**
   - Allows you to change mode, save files, control connected devices, and make a variety of settings.

2. **Drawing Toolbar**
   - Allows you to select the thickness and color of the pen lines, and select graphics or text for the drawing area.

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**Two drawing modes**

Easy Interactive Tools provides two drawing modes. When you change the mode, the screen changes as shown below.

**Annotation mode**

- Allows you to draw on the image currently displayed on the computer. This is useful when you need to emphasize certain points or add notes.
- You can also draw on images from a document camera.

**Whiteboard mode**

- Allows you to display and draw on a plain screen. You can treat the drawing area as a page, and create multiple pages to draw on.
- You can also save your drawings as a file and open them again later.

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**Drawing in Annotation mode**

This section explains how to draw on images from a computer’s screen or document camera in Annotation mode.

1. Select **Desktop annotation** on the Home screen or [ ] from the Command Bar.
   - Annotation mode starts and the computer’s screen is displayed.
To draw on images from a document camera, select **Camera** on the Home screen, or [ ] from the Command Bar. The image from the document camera is displayed on the Camera screen.

“Camera Screen” p.17

2. Select [ ] on the Drawing Toolbar.

3. Draw on the projected image.

   To change the color and thickness of the pen lines, select [ ] next to [ ] to display the pen palette.

   Once you have selected the color and thickness, select [ ] to close the pen palette.

4. To erase drawings, select [ ] or [ ] from the Drawing Toolbar.

   - When you select [ ]: You can use the interactive pen as an eraser.
   - When you select [ ]: All of the current drawings are erased.

5. To save the content of your drawing, select [ ] from the Command Bar.

   You can save the displayed screen in JPG, BMP, PNG, PDF, or EIT format.

   You can set the save location, file name, and the file format on the **Save Settings** tab on the Settings screen.

   “Save Settings tab” p.20

If you open an EIT file on another computer that has a different display resolution, some parts of the drawings may not be displayed.

Operating a mouse from the projected image (mouse operations)

When you select [ ] from the Drawing Toolbar in Annotation mode, you can operate the computer from the projected image (mouse operations).

When mouse operations is activated, you can use the interactive pen to perform operations such as click, right-click, and drag & drop.

- **Click**: Press and remove the pen tip from the projected image.
- **Right-click**: Press the right button on the interactive pen, or hold the pen tip to the projected image for a few seconds and then remove the pen tip from the image.
- **Drag & drop**: Press the pen tip to the icon or object that you want to move, drag the pen tip to where you want to move the object, and then remove the pen tip from the projected image.

- You cannot use the drawing functions when performing mouse operations.
- To use the drawing functions, select [ ] again.
Drawing in Whiteboard mode

This section explains how to draw on a plain page in Whiteboard mode. In Whiteboard mode, you can add pages from the Command Bar, as well as display the page list screen where you can perform page operations.

1. Select **New** on the Home screen or **[ ]** from the Command Bar.

   Whiteboard mode starts, and a new page is displayed.

2. Select **[ ]** on the Drawing Toolbar.

3. Draw on the page.

4. To erase drawings, select **[ ]** or **[ ]** from the Drawing Toolbar.

   • When you select **[ ]**: You can use the interactive pen as an eraser.

5. From the Command Bar you can add/delete, duplicate, or move pages.

6. To save the content of your drawing, select **[ ]** from the Command Bar.

   • When you select **[ ]**: All of the current drawings are erased.

   From the Command Bar you can add/delete, duplicate, or move pages.

   - Displays thumbnail images of the available pages.
   - Select a thumbnail image: Changes the displayed page.
   - Drag & drop a thumbnail image: Changes the display order.
   - Adds and displays a new page.
   - Duplicates the page currently displayed.
   - Deletes the page currently displayed.
   - Moves the page currently displayed up by one position.
   - Moves the page currently displayed down by one position.

   To save the content of your drawing, select **[ ]** from the Command Bar.

   When you use full display in Whiteboard mode, use **[ ]** to select Save or Save As.

   Saves all pages with drawings in JPG, BMP, PNG, PDF, or EIT format.

   If you open an EIT file on another computer that has a different display resolution, some parts of the drawings may not be displayed.
Basic Operation

<table>
<thead>
<tr>
<th>JPG/BMP/PNG</th>
<th>Saves all pages by treating one page as one file.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDF/EIT</td>
<td>Saves all pages in one file.</td>
</tr>
</tbody>
</table>

You can set the save location, file name, and the file format on the **Save Settings** tab on the Settings screen.

* "Save Settings tab" p.20

Changing between full display and window display

When you select [ ]/[ ] from the Command Bar in Whiteboard mode, you can change the drawing screen between full display and window display.

**Full display**  
**Window display**

- During window display, you can only use one interactive pen.
- During window display, operations outside the window become computer mouse operations.

**Exiting Easy Interactive Tools**

You can exit Easy Interactive Tools using one of the following methods.

- **Windows**: Click [ ] on the task tray, and then click **Exit** from the popup menu.

- **OS X**: Control-click [ ] in the Dock, and then click **Quit** from the popup menu.
You can perform the following functions on the Home screen.

1. **Desktop annotation**
   Annotation mode starts and the computer’s screen is displayed.

2. **New**
   Whiteboard mode starts and a new file is displayed.

3. **Open**
   Whiteboard mode starts and you can open a file saved previously. You can select EIT files, or .avi files for Windows or .mov files for OS X.

4. **Recent Files**
   Whiteboard mode starts and the most recently saved file is opened. You can select EIT files, or .avi files for Windows or .mov files for OS X.

5. **Camera**
   Annotation mode starts and the image from the document camera is projected.

6. **Web Browser**
   Annotation mode starts and the computer’s Web browser starts.

7. **Other Applications**
   You can register up to six shortcuts for frequently used applications. You can register an application by simply dragging & dropping the shortcut icon into an empty frame. To remove a registered application, drag & drop the icon off the Home screen.

   When EasyMP Network Projection or EasyMP Multi PC Projection are installed on the computer, these applications are registered automatically. These applications cannot be removed.
You can perform the following functions from the Command Bar.

**Annotation mode**

1. Home Screen
   - Displays the Home screen.
2. Save
   - Saves the displayed screen in JPEG, BMP, PNG, PDF, or EIT format. All pages are saved in Whiteboard mode. If you save in PDF or EIT format, all pages are saved as one file.
   - When you use full display in Whiteboard mode, use [ ] to select Save or Save As.
   - You can change the save location from the Save Settings tab on the Settings screen. If you want to edit a drawing again in the future, save it in EIT format.
   - You can change the size of the Command Bar by clicking [ ] in Annotation mode.

3. Page up
   - During Annotation mode: Scrolls up in the selected document. During Whiteboard mode: Moves the page currently displayed up by one position.

**Whiteboard mode**

4. Page down
   - During Annotation mode: Scrolls down in the selected document. During Whiteboard mode: Moves the page currently displayed down by one position.

5. Other tools
   - Displays the tool panel.
   - * "Tool Panel Functions" p.15

6. Camera
   - Displays the image from a document camera connected to the computer. See the following for more information on using the Camera screen.
   - * "Camera Screen" p.17
   - * This function supports the Epson document camera. For a list of supported document cameras, contact the nearest address provided in the Epson Projector Contact List in your projector’s User’s Guide.

7. Whiteboard mode
   - Starts Whiteboard mode.

8. Annotation mode
   - Starts Annotation mode.

9. Exit
   - Quits Easy Interactive Tools.

The following functions are only available in Whiteboard mode.

10. New
    - Creates a new file.

11. Open
    - Opens previously saved EIT files, or .avi files for Windows or .mov files for OS X.
Page list
Displays the page list screen.
When the interactive pen leaves the page list, the list is automatically minimized to the right or left of the screen. The page list is displayed again when the interactive pen moves to the minimized area.
If you select [ ], it changes to [ ], and the page list is locked in place.
Select [ ] to close the page list.

New page
Adds a new page after the page currently displayed.

Copy page
Duplicates the page currently displayed and adds it after the current page.

Delete page
Deletes the page currently displayed.

Window Display
Switches the drawing screen between full display and window display.

Tool Panel Functions
The following panel is displayed when you select [ ] from the Command Bar.

Annotation mode

1. Enlarge Area
Displays an enlarged view of the image. Drag the cursor to select the area you want to enlarge.

2. Print
Prints the screen currently displayed. All pages are printed when you use Whiteboard mode. You can also select the pages you want to print on the print settings screen.

3. Capture
Captures the currently displayed screen and copies it to the clipboard. The clipboard holds only one item at a time.

4. Right click
(This is only available during mouse operations in Annotation mode.)
A pen click functions as a right-click only once, and then returns to a normal click.

5. Help

Whiteboard mode

1. Enlarge Area
Displays an enlarged view of the image. Drag the cursor to select the area you want to enlarge.

2. Print
Prints the screen currently displayed. All pages are printed when you use Whiteboard mode. You can also select the pages you want to print on the print settings screen.

3. Capture
Captures the currently displayed screen and copies it to the clipboard. The clipboard holds only one item at a time.

4. Right click
(This is only available during mouse operations in Annotation mode.)
A pen click functions as a right-click only once, and then returns to a normal click.

5. Help
Command Bar Functions

(This is only available during mouse operations in Annotation mode.)
Displays the Help.

6 Settings
Opens the Settings screen.
☞ "Settings Screen" p.18

7 Input Panel
Displays a virtual keyboard on the screen. You can enter characters and control the computer from the virtual keyboard by selecting the keys.

8 Projector control
Select the following buttons to control the projector. When controlling a projector that is connected to a computer over a network, set the network information for the projector on the Projector Settings tab on the Settings screen.
☞ "Projector Settings tab" p.21

• [ ]: Changes to the images from the device connected to the computer port.
• [ ]: Changes to the images from the device connected to the video port.
• [ ]: Changes to the images from the device connected over a network.
• [ ]: Changes to the images from the device connected to the USB-A port.
• [ ]: Changes to the images from the computer connected to the USB-B port.
• [ ]: Pauses or plays the image being projected.
• [ ]: Temporarily turns off/on the images and audio being projected.
• [ ]: Increases the volume output from the projector.
• [ ]: Decreases the volume output from the projector.

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

10 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.

You can change the shape of the spotlight from the General Settings tab on the Settings screen.

The following functions are only available in Whiteboard mode.

- **Select background**
  Allows you to select a background from the nine patterns provided.
  You can also select to show a still image of your current desktop, an image file, or an image from the document camera as the background image.

- **Paste**
  Pastes data from the clipboard to the currently displayed page.

- **Insert image**
  Select the image you want to insert into the currently displayed page.
  You can select a file in JPG, BMP, or PNG format.

### Camera Screen

The Camera screen is displayed when you select [ ] from the Command Bar.

The Camera screen allows you to display images from a document camera connected to the computer. You can make adjustments such as changing the size and brightness of the image, and then save as an image or movie file.

- **Select camera**
  Displays a list of the document cameras connected to the computer. Select the document camera you want to use to project images in the Camera screen.

- **Record**
  - [ ]: Records the image from the document camera. The recorded image is saved in .avi format for Windows and .mov format for OS X.
  - [ ]: Stops recording.
  You can set the save location for the recorded image on the Camera Recording Settings tab on the Settings screen.

  * "Camera Recording Settings tab" p.20
  * Audio is not recorded.

- **Picture Quality**
Command Bar Functions

- [ ]: Adjusts the brightness of the image. Move the slider to the right to increase the brightness, and to the left to decrease the brightness.
- [ ]: Adjusts the contrast of the image. Move the slider to the right to increase the contrast, and to the left to decrease the contrast.
- **Reset**: Restores the brightness and contrast settings to their default settings.
  * This is not available if the connected document camera does not have a brightness/contrast adjustment function.

4 **Larger/Smaller**
- [ ]: Enlarges the image.
- [ ]: Reduces the image.

5 **View full screen**
Switches the Camera screen between full screen display and window display.

6 **Use current image**
Imports the document camera image as a graphics file. The image is imported to the Whiteboard mode page.

7 **Settings**
Opens the Camera Recording Settings tab on the Settings screen.

**Settings Screen**
Select [ ] - [ ] from the Command Bar to display the Settings screen.

### General Settings tab

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toolbar sizes</td>
<td>Sets the size of the toolbar to <strong>Small</strong> or <strong>Normal</strong>.</td>
</tr>
<tr>
<td>Page list display position</td>
<td>Sets the position where the page list is displayed in Whiteboard mode.</td>
</tr>
<tr>
<td>Spotlight shape</td>
<td>Sets the shape of the spotlight to a circle or square.</td>
</tr>
<tr>
<td>Slideshow Drawing Tool</td>
<td>Select to use the dedicated Slideshow drawing toolbar when projecting PowerPoint slides.</td>
</tr>
<tr>
<td></td>
<td>* &quot;Slideshow Drawing Tool&quot; p.24</td>
</tr>
<tr>
<td>Position of Whiteboard Command Bar</td>
<td>Set the Command Bar display position.</td>
</tr>
</tbody>
</table>
### Command Bar Functions

<table>
<thead>
<tr>
<th>Right Click Settings</th>
<th>Set the operation performed when you right-click in the drawing area.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• <strong>Open Drawing Toolbar</strong>: Displays the Drawing Toolbar at the position you right-clicked.</td>
</tr>
<tr>
<td></td>
<td>• <strong>Change to Mouse Mode</strong>: Changes from the drawing function to the mouse operation function (during Annotation mode only).</td>
</tr>
<tr>
<td></td>
<td>• <strong>Change Between Pen and Eraser</strong>: Changes between the drawing function and the eraser function.</td>
</tr>
<tr>
<td></td>
<td>• <strong>Off</strong>: No operations are performed even if you right-click.</td>
</tr>
</tbody>
</table>

| Color palette | Select **Palette 2** to allow easy viewing for people with partial color blindness. Try **Palette 2** if it is difficult to view colors using the default setting. |

| Overlay will be invalid | (For Windows XP only) Select to save movie content as it looks after adding annotations or drawings to the movie. |

### 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

- **Check when saving**: Select to display the screen where you can set the save location, file name, and file format when saving images.
- **Save location folder**: Sets the folder where you want to save the screen. The following are the default folders for saving screens:
  - **Windows XP**: `<startup_drive>\Documents and Settings\<user_name>\My Documents\Easy Interactive Tools`
  - **Windows Vista/Windows 7/Windows 8**: `<startup_drive>\<user_name>\Documents\Easy Interactive Tools`
  - **OS X**: `<startup_drive>\Users\<user_name>\Documents\Easy Interactive Tools`

File name
- **Sets the file name when saving the files. You can enter up to 32 characters. (The following symbols cannot be used: \/:?"<>|) A number and extension are added at the end of the file name when saving the file. Example: AAA0001.jpg**

File type
- **Sets the file format when saving the files.**

Camera Recording Settings tab

- **Check when saving**: Select to display the screen where you can set the save location and file name when saving movies.
Save location folder
Sets the folder where you want to save the movie.
The following are the default folders for saving movies.
Windows XP
<startup_drive>:\Documents and Settings\<user_name>\My Documents\Easy Interactive Tools
Windows Vista/Windows 7/Windows 8
<startup_drive>:\<user_name>\Documents\Easy Interactive Tools
OS X
<startup_drive>:\Users\<user_name>\Documents\Easy Interactive Tools

File name
Sets the file name when saving the files. You can enter up to 32 characters. (The following symbols cannot be used: /\:*?“<>|)
A number and extension are added at the end of the file name when saving the file.
Example: AAA0001.avi

Projector Settings tab

<table>
<thead>
<tr>
<th><strong>Projector name</strong></th>
<th>Displays the target projector name (displays only)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IP address</strong></td>
<td>Enter the IP address of the projector to be controlled by Easy Interactive Tools from the projectors connected to the network. Click the <strong>Check Connection</strong> button to connect to the specified projector.</td>
</tr>
<tr>
<td><strong>Monitor Password</strong></td>
<td>Enter the Monitor Password set for the projector. You can enter up to 16 single-byte alphanumeric characters. If the password is wrong, you cannot connect to the projector.</td>
</tr>
</tbody>
</table>
You can select the following functions from the Drawing Toolbar.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Annotation mode</strong></td>
<td><strong>Whiteboard mode</strong></td>
</tr>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
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<td>14</td>
<td></td>
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<tr>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

### Mouse

This is only available during Annotation mode.

Switches from drawing operations to mouse operations, and the cursor on the computer screen becomes a normal mouse cursor. You can click and drag on the projected image using the interactive pen.

Click this icon again to return to drawing operations.

### Undo

Undo the previous operation.

### Shapes

Select the shape you want from the shapes provided. You can also select the color and line width of the shape.

### Select

Select the drawn content or inserted image, and then perform operations such as moving the item or adjusting the size.

### Pen

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

### Highlighter pen

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

### Black pen

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

### Red pen

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

### Blue pen

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

### Eraser

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

### Clear screen

Clears everything drawn on the displayed page.

### Always show toolbars

This is unavailable on a window displayed in Whiteboard mode.

The Drawing Toolbar is always displayed.
Drawing Toolbar Functions

Close
(This is unavailable on a window displayed in Whiteboard mode.) Closes the Drawing Toolbar. The Command Bar is also closed during Annotation mode. You can display the Drawing Toolbar again by selecting the Drawing Toolbar tab [ ] on the right or left side of the screen.

Add Text
Changes to text entry. Select the drawing area to display the text box.

Redo
Cancels an undo operation and restores the previous status.

Adjusting and Editing Shapes and Images
You can adjust and edit figures, lines, and inserted images.

• Larger, Smaller
Select [ ] on the Drawing Toolbar, select the object, and then drag the points to enlarge or reduce.

• Rotate
Select [ ] on the Drawing Toolbar, select the object, and then rotate the points.

When rotating an object with your fingers, select the object, and then touch two of the points on the object. Move your fingers in the direction you want to rotate to the object.

When selecting a figure drawn with lines, make sure you select the solid line.

You can perform the following operations from the sub menu by selecting [ ] on the Drawing Toolbar, selecting the object, and then selecting [ ]:

| Duplicate | Creates an object identical to the selected object, and places it at the lower right of the original object. You can select multiple objects. |
| Copy | Copies the selected object to the clipboard. You can select multiple objects. |
| Paste | Pastes the copied object. |
| Edit | Edits the selected text. |
| Group | Groups multiple objects together to create one object. |
| Ungroup | Undoes the grouping performed using the Group function. |
### Drawing Toolbar Functions

| Bring to Front  | Changes the overlapping order for the selected object. You can select multiple objects. |
| Send to Back   |                                                                                         |
| Bring Forward  |                                                                                         |
| Send Backward  |                                                                                         |
| Delete         | Deletes the selected object. You can select multiple objects.                            |

Shortcut operations, such as pressing the [ctrl] + [A] key on the computer’s keyboard, are not supported.

### Slideshow Drawing Tool

When a PowerPoint slideshow is started, the Drawing Toolbar changes as shown below allowing you to use PowerPoint drawing tools.

#### Windows

#### OS X

When using Windows, you can save a PowerPoint slide with drawn content.

When using OS X, you can only draw.

- Make sure you start Easy Interactive Tools before starting a PowerPoint slideshow.
- You can make settings to choose whether or not to use the PowerPoint drawing tool on the **General Settings** tab.

The following PowerPoint versions are supported.

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>OS X</td>
<td>Microsoft PowerPoint 2008/2011</td>
</tr>
<tr>
<td>Problem</td>
<td>Solution</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Characters become garbled after changing the language.</td>
<td>Select <strong>Restore defaults</strong> on the Settings screen to restore the default settings.  &lt;br&gt;<strong>“Settings Screen” p.18</strong></td>
</tr>
<tr>
<td>The movie display area shows a black box after saving a screen that</td>
<td>Change the video accelerator settings manually.  &lt;br&gt;1. Select <strong>Start - Control Panel - Display - Settings</strong>, and then click the <strong>Advanced</strong> button.  &lt;br&gt;2. Select <strong>Troubleshoo</strong>.  &lt;br&gt;3. Move the <strong>Hardware acceleration</strong> to the position second from the left.  &lt;br&gt;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.</td>
</tr>
<tr>
<td>Lines drawn on Media Player images flicker.</td>
<td>During the following operations, only one person can use the interactive pen.  &lt;br&gt;• When window display is being used during mouse operations or Whiteboard mode  &lt;br&gt;• While performing operations on the Home screen, Settings screen, Camera screen, Insert image screen, and Select background screen  &lt;br&gt;• While adjusting and editing shapes and images  &lt;br&gt;• While using menus  &lt;br&gt;• While entering text</td>
</tr>
<tr>
<td>Cannot draw on the Keynote slide presentation.</td>
<td>You cannot draw on the Keynote slides in OS X.</td>
</tr>
<tr>
<td>Cannot display images correctly in Enlarge Area.</td>
<td>The following restrictions apply.  &lt;br&gt;• Applications that use the Microsoft DirectX function may not display correctly when using Enlarge Area. (Windows Vista only)  &lt;br&gt;• DVD player images cannot be displayed correctly in Enlarge Area. (OS X 10.7.x only)</td>
</tr>
<tr>
<td>Cannot save or print images from Media Player.</td>
<td>The following restrictions apply.  &lt;br&gt;• Applications that use the Microsoft DirectX function may not be able to save or print images correctly.  &lt;br&gt;• DVD player images cannot be saved or printed correctly. (OS X 10.7.x only)</td>
</tr>
<tr>
<td>Cannot open some of the drawings in the EIT file.</td>
<td>If you open the EIT file on another computer that has a different display resolution, parts of the drawings may not be displayed. Open the EIT file on a computer that has the same display resolution.  &lt;br&gt;The EIT file may have been corrupted. Create the drawings again.</td>
</tr>
<tr>
<td>Cannot playback recorded movies correctly.</td>
<td>Use <strong>Windows Media Player</strong> to play movies recorded on Windows operating systems.  &lt;br&gt;Use <strong>QuickTime Player 7.7 or later</strong> to play movies recorded on OS X operating systems.  &lt;br&gt;* Audio is not recorded.</td>
</tr>
</tbody>
</table>
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Illustrations in this guide and the actual projector may differ.

### General Notes

**Regarding the use of names**

Microsoft® Windows® XP operating system
Microsoft® Windows Vista® operating system
Microsoft® Windows® 7 operating system
Microsoft® Windows® 8 operating system
Microsoft® Windows® 8.1 operating system

In this guide, the operating systems above are referred to as "Windows XP", "Windows Vista", "Windows 7", "Windows 8" and "Windows 8.1". Furthermore, the collective term Windows may be used to refer to Windows XP, Windows Vista, Windows 7, Windows 8, and Windows 8.1 and multiple versions of Windows may be referred to as, for example, Windows XP/Vista/7, with the Windows notation omitted.

Mac OS X 10.5.x
Mac OS X 10.6.x
OS X 10.7.x
OS X 10.8.x
OS X 10.9.x

In this guide, the operating systems above are referred to as "Mac OS X 10.5.x", "Mac OS X 10.6.x", "OS X 10.7.x", "OS X 10.8.x", and "OS X 10.9.x". Furthermore, the collective term "OS X" is used to refer to them all.

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List of zlib programs

zlib-1.2.8

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