



Multimedia Projector

Easy Interactive Tools Ver.2 Operation Guide



Easy Interactive Tools Ver.2 Operation Guide

Features

Drawing function

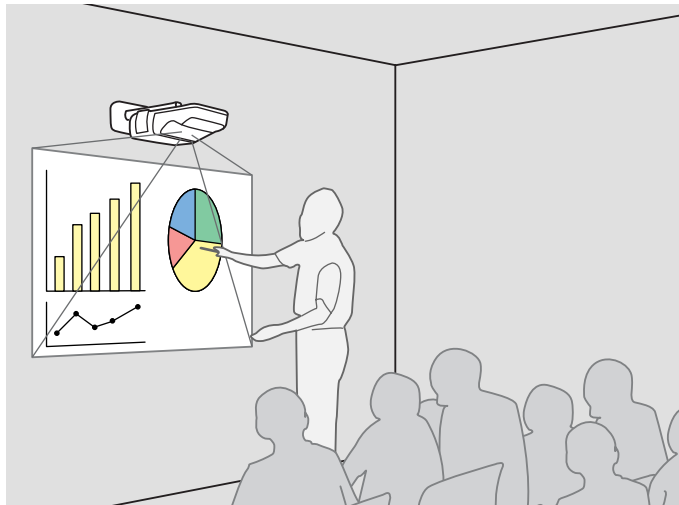
You can use Easy Interactive Tools to draw lines and shapes on the projected image. This is useful to provide emphasis and focus the audience's attention on the important points being projected in lessons or presentations.

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.

☛ Projector's "User's Guide"



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.

☛ "Drawing and Operating with a Pen" [p.7](#)

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

OS	Windows XP*	Professional 32 bit Home Edition 32 bit Tablet PC Edition 32 bit
	Windows Vista	Ultimate 32 bit Enterprise 32 bit Business 32 bit Home Premium 32 bit Home Basic 32 bit
	Windows 7	Ultimate 32/64 bit Enterprise 32/64 bit Professional 32/64 bit Home Premium 32/64 bit Home Basic 32 bit
CPU	Intel Pentium M 1.6 GHz or faster Recommended: Intel Core2 Duo 1.2 GHz or faster	
Amount of Memory	512 MB or more Recommended: 1 GB or more	
Hard Disk Space	100 MB or more	
Display	Resolutions no lower than XGA (1024 x 768) and no higher than WUXGA (1920 x 1200) Display color of 16-bit color or more	

* 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
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CPU	Power PC G4 1.5 GHz or faster Recommended: Intel Core Duo 1.5 GHz or faster
Amount of Memory	512 MB or more Recommended: 1 GB or more
Hard Disk Space	100 MB or more
Display	Resolutions no lower than XGA (1024 x 768) and no higher than WUXGA (1920 x 1200) Display color of 16-bit color or more

* Quick Time 7.2 or later is required.

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.



If you select Easy Install on Mac OS X, Easy Interactive Driver Ver.2.XX is installed at the same time.

Projector's "User's Guide"

When using EB-485Wi/EB-480i/EB-475Wi, you need to install Easy Interactive Driver Ver.2.XX for Mac OS X.

When using EB-465i/EB-460i/EB-455Wi/EB-450Wi, use Easy Interactive Driver Ver.1.XX.



You can download the latest version of Easy Interactive Tools from the following Web site.

<http://www.epson.com/>

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](#)



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.

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.

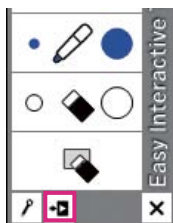
Click the [] button to use the Easy Interactive Pen as a mouse.


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.



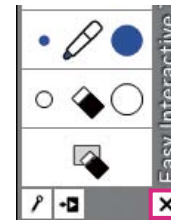
- If you click [≡], the toolbar is hidden each time you operate on it. By default, the toolbar is always displayed.
- The toolbar tab can be moved up and down but cannot be hidden until you exit Easy Interactive Tools.

Exiting Easy Interactive Tools

You can exit by using one of the following methods.

For Windows

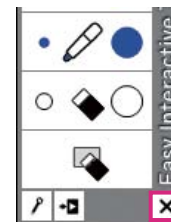
- Click [X] on the toolbar.




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


For Mac OS X

- Click [X] 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.

Annotation mode	You can draw lines and shapes on the computer screen.
Whiteboard mode	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.

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

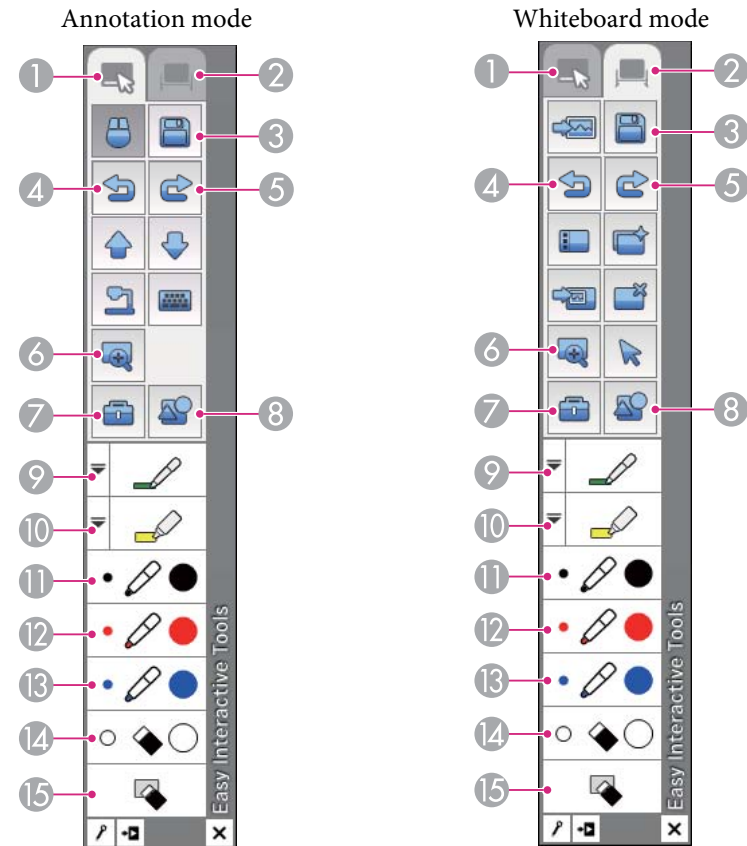





See the following section for functions that are specific to Annotation mode.

☛ "Annotation Mode Specific Functions" [p.12](#)

See the following section for functions that are specific to Whiteboard mode.

☛ "Whiteboard Mode Specific Functions" [p.12](#)



- 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 a PDF, these pages are combined as one file.



4 Undo

Undo the previous operation.




5 Redo


Cancels an undo operation and restores the previous status.



6 Magnifier

Opens the magnifier screen and displays an enlarged view of the image at the center of the screen.

[]: Zoom in

[]: Zoom out




7 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.




Print

Prints the screen displayed in the current mode. If you are in Whiteboard mode, select which page you want to print on the print settings screen.



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.




8 Shapes

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




9 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.



10 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.



11 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.



12 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.




13 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.





14 Eraser

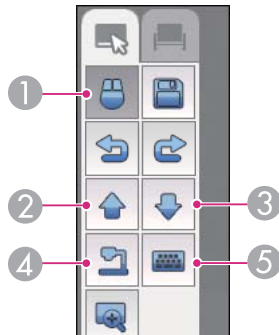
Switches to an eraser. Click on the right of the icon to erase wider areas, and click on the left of the icon to erase narrower areas.




- 15  **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](#)





- 1  **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.
- 2  **Page up**
Go to the previous page in an opened document.
- 3  **Page down**
Go to the next page in an opened document.

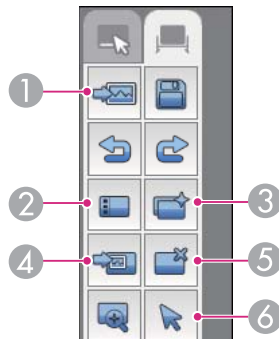
- 4  **Camera** (available in Mouse mode)
Displays the image from a document camera* connected to the computer. The following icons are displayed while the image is displayed.
 - : Searches the document camera connected to the computer.
 - : Displays an enlarged view of the image from the document camera.
 - : Reduces the enlarged image.
 - : Displays the image from the document camera full screen.
 - : Switches from full screen display to window display.
- 5  **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

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

5 Delete page
 Deletes the current page.

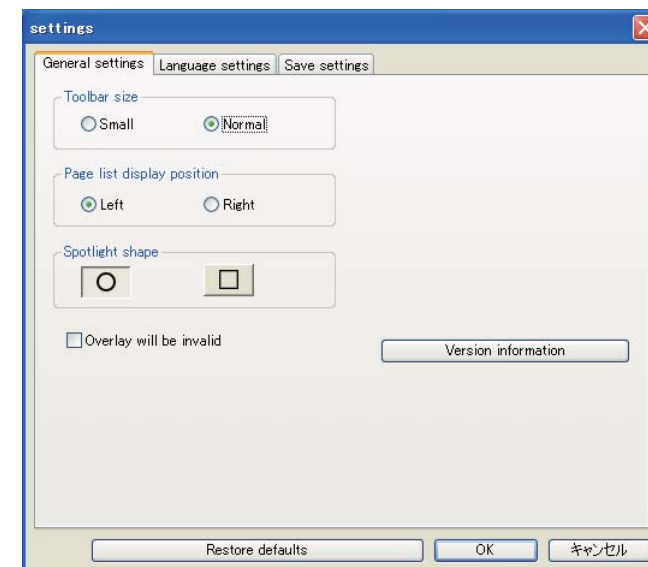
6 Select
 Changes to a cursor so that you can move or adjust the size of the image you inserted using Insert image.

* Supported by both ELPDC06 and ELPDC11.

Settings Screen

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

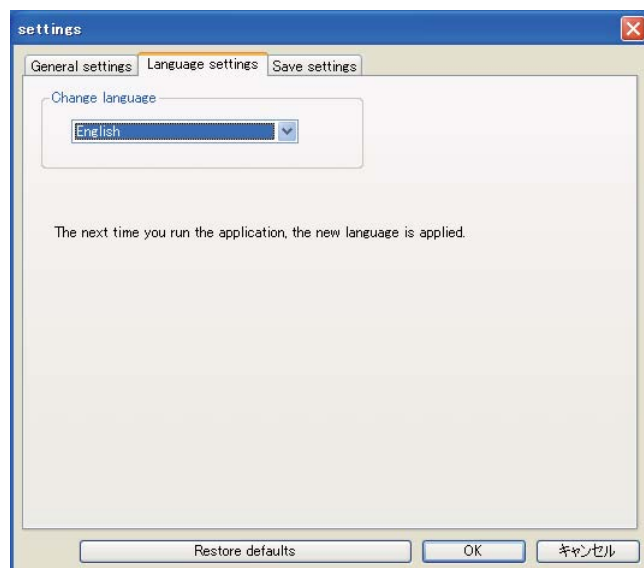
General settings tab



Toolbar size	Sets the size of the toolbar to Small or Normal .
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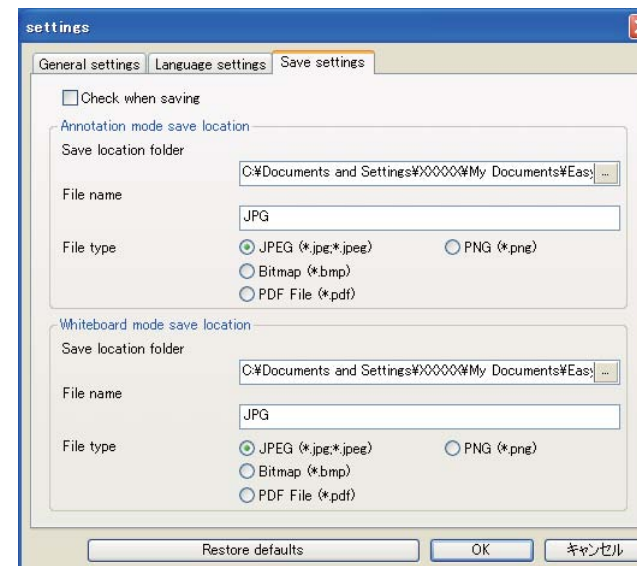
Page list display position	Sets the position where the page list is displayed in Whiteboard mode.
Spotlight shape	Sets the shape of the spotlight to a circle or square.
Overlay will be invalid	(For Windows XP only) Select to save movie content as it looks after adding annotations or drawings to the movie.

Language settings tab (Windows only)




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



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 <startup_drive>:\Documents and Settings\<<user_name>\My Documents\Easy Interactive Tools For Windows Vista/Windows 7 <startup_drive>:\users\<<user_name>\Documents\Easy Interactive Tools For Mac OS X <startup_drive>:\Users\<<user_name>\Documents\Easy Interactive Tools

File name	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. "format"- "yyyymmddhhmmss"."extension" Example: JPG-20110121173050.jpg
File type	Sets what file type to use when saving the files.

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. (Windows XP only)	Change the video accelerator settings manually. (1) Select Start - Control Panel - Display - Settings , and then click Advanced button. (2) Select Troubleshoot .
Lines drawn on Media Player images flicker. Highlight lines drawn on Media Player images, do not become transparent. (Windows XP only)	(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.
One person cannot operate their pen when two people are using interactive pens.	In the following situations, only one person can use the Easy Interactive Pen. <ul style="list-style-type: none"> • When using Mouse mode • When saving a screen • When printing a screen • When setting a background from a file • When inserting an image
Cannot draw on the Keynote.	You cannot draw on the Keynote in Mac OS X.
Cannot display images correctly in Magnifier.	The following restrictions apply. <ul style="list-style-type: none"> • 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 save or print images from Media Player.	The following restrictions apply. <ul style="list-style-type: none"> • 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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Regarding the use of names

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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