

Windows



Thank you for purchasing this Panasonic product.

- Before using this software, please read the instructions carefully.

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Introduction

This software offers effective and innovative presentations using Touch Screen LCD Display, or Projector with Interactive function.

System Requirements

Computer	IBM® PC/AT compatible
CPU	Intel® Architecture (Intel® Core™ 2 processor or later)
Operating System	Windows 11 Home 64bit, Windows 11 Pro 64bit Windows 10 Home 32/64bit, Windows 10 Pro 32/64bit
Interface	USB 2.0
Memory	32-bit version: 2GB or more 64-bit version: 4GB or more
Disk Space	250MB or more of free space (In some cases, an additional 1.5 GB is necessary for installing the Microsoft® .NET Framework.)
Display	Resolution: XGA (1024x768) - 4K (3840x2160) Colors: 32 bit or more *Only the primary monitor is supported when using multiple monitors.

Notes

- In this document, the screenshots and operating procedure of Windows 10 are provided for purposes of illustrating the operation.
Depending on your model, there may be differences from the illustrations and screenshots in this document.
- If a user does not have administrative rights, the user should log off and log in again as a user with the administrative rights.

Needed software

Microsoft .NET Framework	.NET Framework 4.7.2 or later
Microsoft Office PowerPoint	PowerPoint 2021 (64bit)

When using the Touch Screen LCD display

The software supports BF/BFE/BQ series touch screen LCD displays.

- * For the latest information on supported models, see “Whiteboard Software” on the following website.

<https://panasonic.net/cns/prodisplays/download/software/>

Starting the Software

The software does not need to be installed. It can be started directly from the executable file.

- 1. Connect a computer to the Touch Screen LCD display using a video cable.**
- 2. Connect the computer to the Touch Screen LCD display using a USB cable.**
- 3. Double tap the “WhiteBoard.exe” file.**

Notes

- Make sure to set the screen resolution of the computer to the range supported by the software before starting the software.

For information on the screen resolution, refer to “System Requirements”. (→ page 3)

1. Right-click on the Desktop and click “Display settings”.
2. Click the drop-down list for “Display resolution” and select a resolution.
3. Click “Apply”.
4. A confirmation screen is displayed after changing the resolution. Click “Keep changes”.

Shutting Down the Software

1. Tap the “Exit from the application” button in the menu.
2. Disconnect the computer from the Touch Screen LCD display.

Note

- If you prefer not to see the effects when touching the screen, change the settings on the computer.

[For Windows 11 users]

1. Click the [Start] button on the Desktop screen.
2. Click [Settings] -> [Accessibility].
3. Select [Mouse pointer and touch] and set “Show a circle on the screen where I touch it” of “Touch indicator” to “Off”.

[For Windows 10 users]

1. Click the [Start] button on the Desktop screen.
2. Click [Settings] -> [Ease of Access].
3. Select [Mouse pointer] and set “Show visual feedback around the touch points when I touch the screen” of “Change touch feedback” to “Off”.

When using the Projector with Interactive function

The software supports projectors with the interactive function (hereinafter referred to as “projectors”).

- * For the latest information on supported models, see “Whiteboard Software” on the following website.

<https://panasonic.net/cns/projector/download/application/>

Starting the Software

The software does not need to be installed. It can be started directly from the executable file.

- 1. Connect the computer to the projector using a video cable.**
- 2. Connect the computer to the projector using a USB cable.**
- 3. Perform calibration.**
- 4. Turn on the pen supplied with the projector.**
- 5. Double tap the “WhiteBoard.exe” file.**

Notes

- SPDriver installation and calibration are required before using the software. See the interactive software operating instructions of the projector for details.
- Make sure to set the screen resolution of the computer to the range supported by the software before starting the software.

For information on the screen resolution, refer to “System Requirements”. (→ page 3)

1. Right-click on the Desktop and click “Display settings”.
2. Click the drop-down list for “Display resolution” and select a resolution.
3. Click “Apply”.
4. A confirmation screen is displayed after changing the resolution. Click “Keep changes”.

Shutting Down the Software

- 1.** Tap the “Exit from the application” button in the menu.
- 2.** Turn off the pen supplied with the projector.
- 3.** Disconnect the computer from the projector.

Note

- If you prefer not to see the effects when touching the screen with the electronic pen supplied with the projector, change the settings on the computer. (→ page 5)

Touch control

The software can be operated via touch control when using the BF/BFE/BQ series or when using a projector.

The software has two operation modes, “single mode” that supports gestures and “multi mode” that enables for multiple touch controls simultaneously.

■ Single Mode

Switch between touch control drawing and gesture supporting mode.

Notes

- The single mode only allows one touch control drawing.
- Multiple gestures cannot be used simultaneously.
- The software is set to the single mode by default.
- Gesture control can be performed on the projector using two supplied pens. To do so, tap the “Select object” button in the main menu, and then perform the gestures. (If the “Select object” button is not tapped, unwanted points may be drawn.)
- When using the projector, gestures may be difficult depending on the projection environment.

■ Multi Mode





Switch to the mode that enables simultaneous multi-touch control.

Notes

- Operations using gestures are not supported by the multi mode.
- Function switches such as drawing color and width, etc., are applied to all touch controls simultaneously.

■ Gesture type

The single mode allows for drawing and operation using the following gestures.

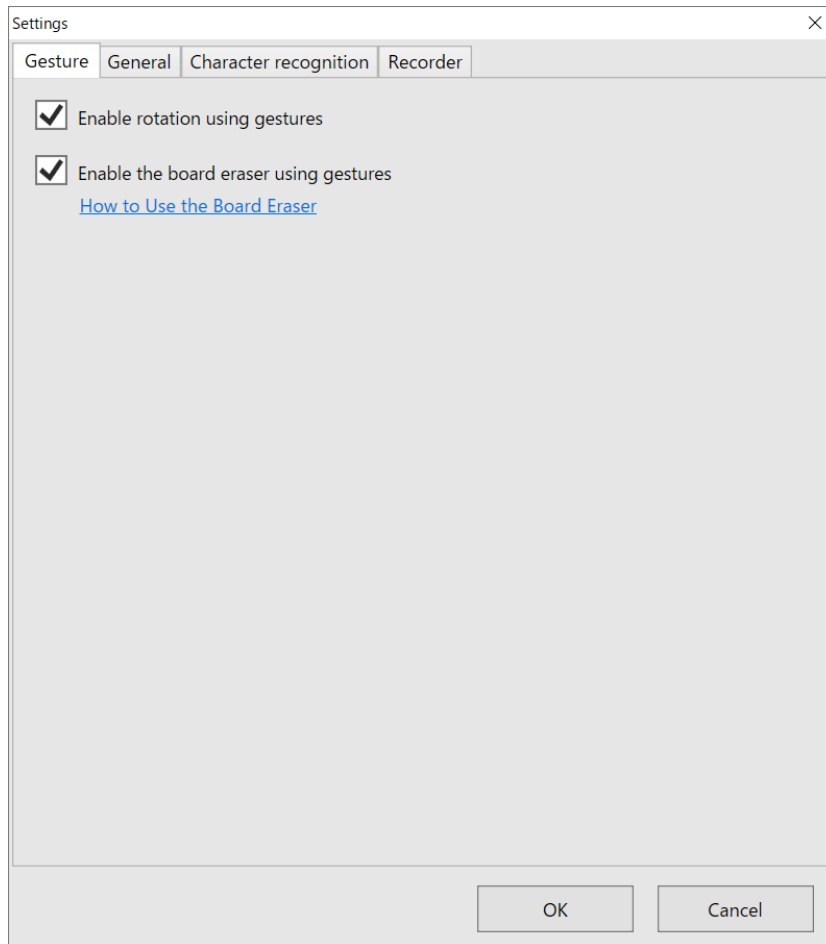
Name	Operating image	Operation
Select with two fingers		<ul style="list-style-type: none"> ■ Selecting an object Selects the object when performed on an object.
Flick, or drag with two fingers		<ul style="list-style-type: none"> ■ Changing a page Change a page when performed on the screen of the Whiteboard mode or a slide of the PowerPoint Link mode. ■ Scrolling a page Scrolls the page zoomed in the Whiteboard mode.
Zoom-in, zoom-out		<ul style="list-style-type: none"> ■ Zooming an object Zooms the selected object in/out when performed on the object. ■ Zooming a screen Zooms the screen display in/out when performed on the Whiteboard screen. <ul style="list-style-type: none"> • Cannot zoom a straight line in/out. (→ page 20)
Rotate		<ul style="list-style-type: none"> ■ Rotating an object Rotates the selected object when performed on the object. <ul style="list-style-type: none"> • Cannot rotate straight lines. (→ page 20)

Note

- Multiple gestures cannot be performed simultaneously.

■ Gesture settings


When using a supported touch device, the “Gesture” table is displayed in the settings for setting gestures.



Enable rotation using gestures	Check to enable rotation using gestures.
Enable the board eraser using gestures	Check to enable the board eraser function using gestures.

■ Board eraser function (BF/BFE/BQ series only)

The eraser can be used by touching an area larger than the standard contact area on the screen with the palm of your hand, the board eraser supplied with the BF/BFE/BQ series, etc. It is useful when erasing a large area because the eraser can be used to erase drawn contents without switching the menu selection.

Board eraser function		Touch an area larger than the standard contact area on the screen.
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Note

- When the board eraser function is not being used, it can be disabled in the “Gesture” tab of the settings.

Software Operation Modes and Screen Layouts

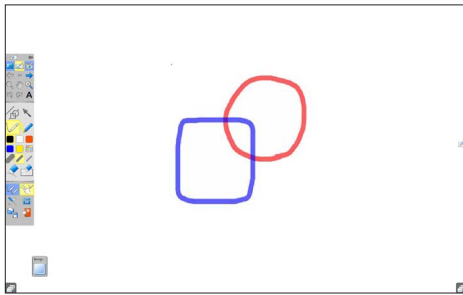
The software has three operation modes for effective presentations.

Note

- Only the primary monitor is supported when using multiple monitors.

Whiteboard mode

The display is used as a whiteboard, and drawings and images can be inserted onto the screen. Also, up to 100 pages can be added, and content can be saved.



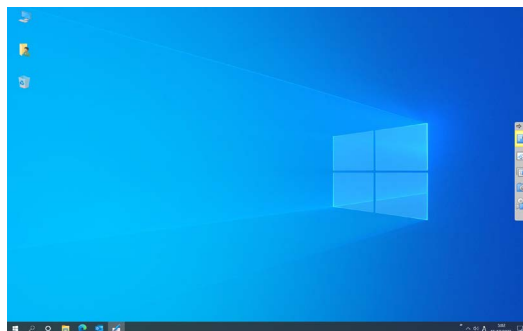
You can change the whiteboard's background using the background color button. For details, see the background color function. (→ page 42)

Note

- The desktop and other software shown on the screen cannot be operated on a transparent screen background.

Desktop Operation mode

Other software and the desktop displayed on the screen can be operated.



Note

- It is not possible to draw on the screen in this mode.

PowerPoint Link mode

Characters and pictures can be drawn on a slide during PowerPoint slideshow playback.



• Operation

1. Tap the “Change Mode” button in the menu to enter the PowerPoint Link mode.
2. Select a PowerPoint file.
 - If PowerPoint is already running, a list of currently open PowerPoint files will be displayed.
3. Tap the “Change Page” button in the menu to switch between slides.
4. Tap the “Marker” button or the “Highlighter” button in the menu to write or draw on a slide.
5. Tap the “End PowerPoint Link” button to exit the PowerPoint Link mode.
 - The drawn characters and pictures on the slide can be saved in the PowerPoint file.

Notes

- PowerPoint needs to be installed on the computer.
- The PowerPoint link mode cannot be used if you use PowerPoint Viewer only.
- You can use PowerPoint set to a file being marked as read-only or final in PowerPoint link mode, but you cannot save characters or pictures that you have drawn on the slide.
- The screen transition effects set for slides will be disabled.
- When you link a PowerPoint file with many pages, the file may be linked as read-only after a message saying “Press the ESC key to cancel opening the document.” appears. In such cases, open the PowerPoint file before linking it.

Menus

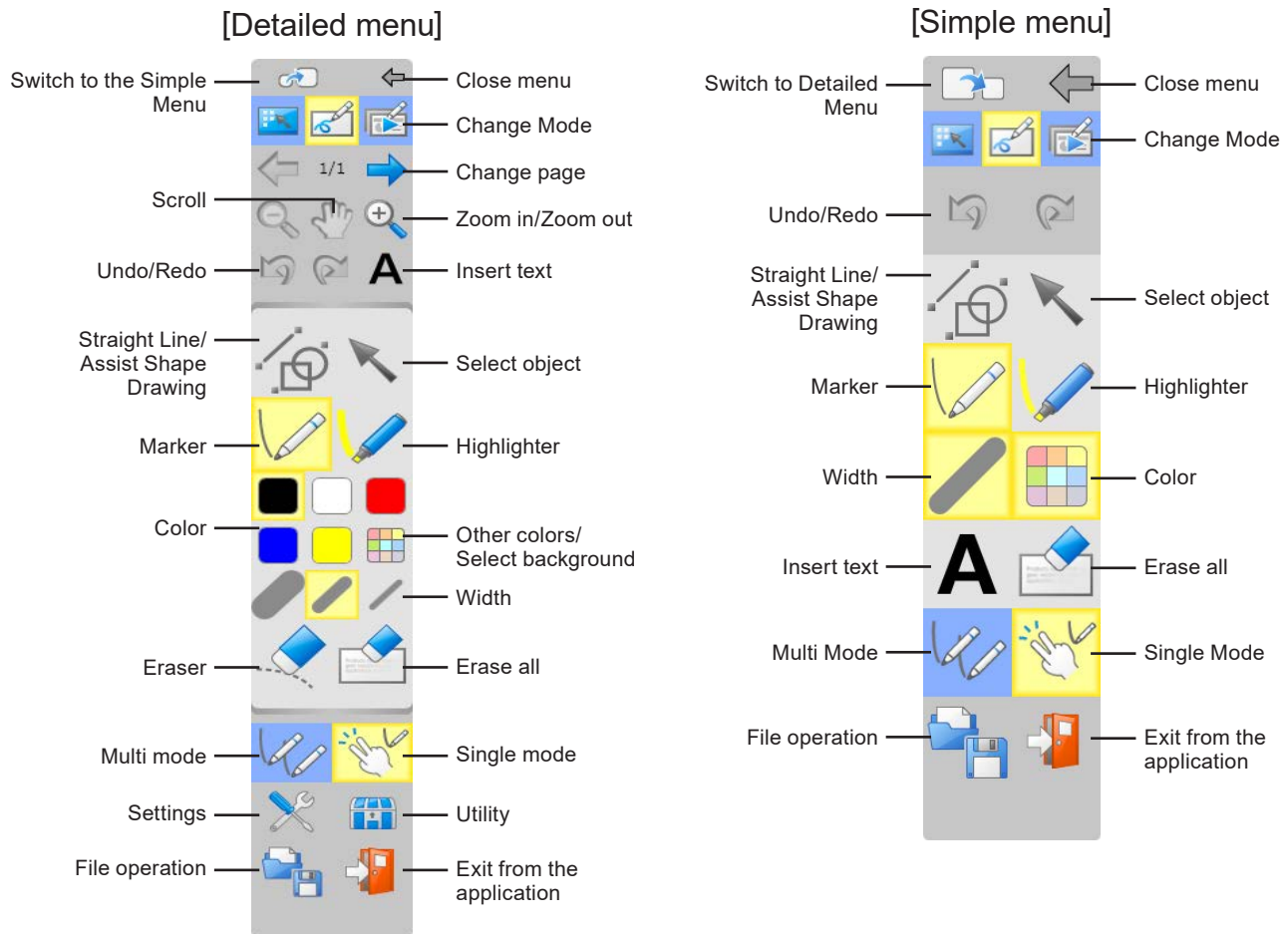
The menus contain various functions such as changing the color and thickness of the marker, or printing.

The functions in the menu differ according to the operation mode.

Layout of the Main Menu



This menu is displayed in the Whiteboard mode and the PowerPoint Link mode.

Tap the “Switch the menu” button will switch between the detailed menu and the simple menu. The menu changes to a tab by tapping the “Close Menu” button in the Whiteboard mode. In the PowerPoint Link mode it changes to the PowerPoint linkage menu. The menu position (height) can be changed by touching the bottom end of the menu and dragging up or down.



■  **Switch the menu**

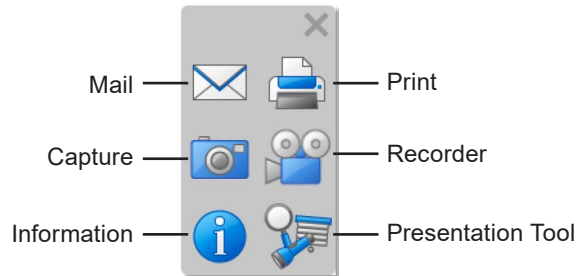
Switch between the detailed menu and the simple menu.

Button	Description
	Switch to the detailed menu.
	Switch to the simple menu.

Layout of the Utility Menu

Tap the “Utility” button in the Main Menu to display this menu.

For information on Utility Menu operations, see “Functions in the Utility Menu”. (→ page 34)



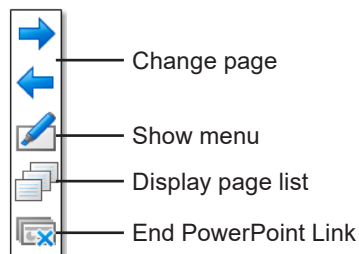
Layout of the PowerPoint Link Menu

The tab menu is displayed when you tap the “Close Menu“ button in the main menu in the PowerPoint Link mode.

Tap the tab to display the Main Menu.

The menu position (height) can be changed by touching “Show menu” in the menu and dragging it up or down.

For information on PowerPoint Link Menu operations, see “Functions in the PowerPoint Link Menu”. (→ page 37)

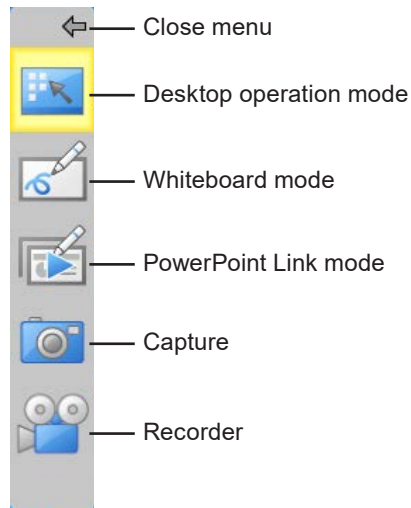


Layout of the Desktop Menu

The menu is displayed in the Desktop Operation mode.

The menu position (height) can be changed by touching the top or bottom end of the menu and dragging up or down.

For information on Desktop Menu operations, see “Functions in the Desktop Operation Menu”.
(→ page 38)



Functions in the Main Menu

Close menu




Close the menu.

Show menu

Display the menu.

Change Mode

Switch between the Desktop Operation mode, the Whiteboard mode and the PowerPoint Link mode.

Button	Mode
	Desktop Operation mode
	Whiteboard mode
	PowerPoint Link mode

Change page

Update pages.

Notes

- In the Whiteboard mode, the screen switches to the next or previous page.
- In the PowerPoint Link mode, the next or previous slide is displayed.

Zoom in/Zoom out

The screen can be zoomed in/out by 100 to 300%, in increments of 25%.

Note

- When the screen is zoomed in, smoothing will be automatically enabled.

Scroll

Scroll across the screen when it is zoomed in.

■ Undo/Redo

Operations such as drawing will be erased, and the returned operation can be executed again. The Undo and Redo function are not available for a operation of a whiteboard page such as the addition, deletion and duplication.

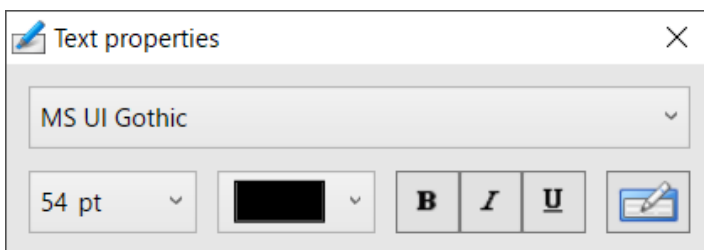
Note


- Up to 50 actions can be undone.

■ **A** Insert text

Inserts text.

Tap the screen to decide the text insertion position. Then the “Text properties” panel appears for changing text settings.







Item	Description
Font name	Selects a font.
Font size	Selects a font size.
Font color	Selects a font color.
B	Applies/releases bolding.
<i>I</i>	Applies/releases italicizing.
<u>U</u>	Applies/releases underlining.
	Displays the tablet PC input panel.

Notes

- Some combinations of computer environment and font types may prevent characters from displaying properly.

■ Straight Line/Assist Shape Drawing

Draw a straight line or a shape.

Button	Description
	Draw straight a line. The angle of the straight line can be changed in increments of 15 degrees.
	Draw a circle. Draw a straight line with horizontal or vertical operation.
	Draws a rectangle. A straight line can be drawn through horizontal or vertical operation.
	Draws a triangle. A straight line can be drawn through horizontal or vertical operation.

Note

- Zooming in/out and rotation of straight lines using gestures are not supported.

Select Object

Select an object from among the characters, pictures and images drawn, and move, zoom in/out or rotate the object.

Selection is performed for one object at a time. An object is one continuous line or one imported image.

Selecting an Object

Objects can be selected in two ways. The selected object is surrounded by a dotted-line square.

- **Touching an object**

Touch an object to select it.

When some objects are touched continuously, only the object touched at the end is chosen.


- **Surrounding an object**

Touch a point where there is no object and drag to draw a line that indicates the selection area. Objects in the area surrounded by the line are selected.


Moving an Object

While still touching inside the dotted line surrounding the selected object, drag to move the object.

Zooming In/Out an Object

Drag one of the square dots () on the sides and corners of the dotted-line square surrounding the selected object to zoom in or out the object.


Rotating an Object

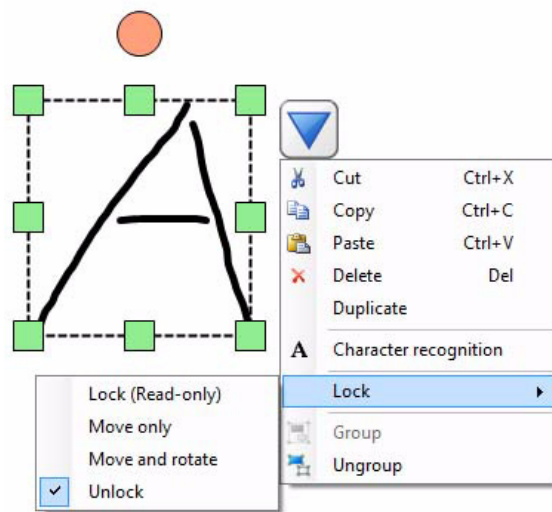
Drag the round dot () on the dotted-line square surrounding the selected object to rotate the object.



Deselecting an Object

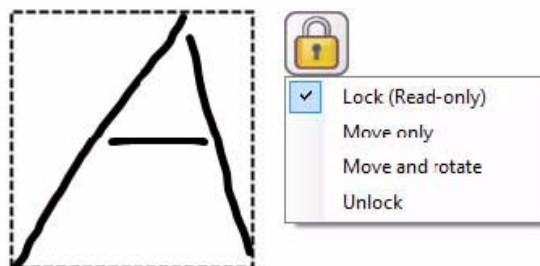
Touch outside the drawn area to deselect all objects.

The Object operation menu

The Object operation menu is displayed when the “Object operation menu” button  indicated on the selected object is tapped.



In addition, when the selected object is locked, the “Object operation menu” button  changes to . Pressing it will display the following menu.

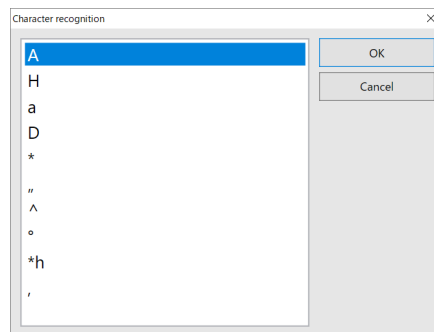


The following operations are available through the Object operation menu.

- **Cut**
Cuts a selected object.
- **Copy**
Copies a selected object.
- **Paste**
Pastes a previously cut or copied object.
- **Delete**
Delete a selected object.
- **Duplicate**
Duplicate a selected object.

- **Character recognition**

Displays a list of candidates for converting a selected object's freeform lines into text. Select any text candidate and touch "OK" to convert the object into text.



- **Edit text**

Displays the "Text properties" panel, which allows re-editing of a selected text object. For information on how to use the "Text properties" panel, see "Insert text". (→ page 19)

- **Lock**

- **Lock (Not editable)**

- All edit operations will be disabled for the currently selected object.

- **Move only**

- With the exception of moving the currently selected object, all edit operations will be disabled.

- **Move and rotate**

- With the exception of moving and rotating the currently selected object, all edit operations will be disabled.

- **Unlock**

- All edit operations will be enabled for the currently selected object.

- **Group**

Multiple objects being simultaneously selected can be combined into a single object.

- **Ungroup**

A group of selected objects is ungrouped.

Notes

- Zooming in/out and rotating cannot be performed when multiple objects are selected at once.
 - * If objects are combined into a group, zooming in/out and rotating can be performed because those objects are treated as a single object.
- Grouped objects cannot be ungrouped if the size of the grouped objects zoomed out is less than a certain size. To ungroup the objects, zoom in and make them larger than the fixed size. Note that when ungrouping is disabled the ungroup menu turns grey, indicating the disable state.
- When character recognition cannot be used due to OS restrictions, etc., the “Character recognition” menu will be inoperable.
- The Cut, Delete, Duplicate and Lock operations in the Object operation menu affect all the selected objects.

The Paste object menu

If a location without an object is tapped without having selected an object, the Paste object menu will be displayed.

- **Paste**

Pastes an object when there is data that can be pasted, such as an image / text, on the clipboard.

Notes

- Not selectable when there is no data on the clipboard that can be pasted.
- While the Paste object menu is displayed, drawing, operation and operation of the keyboard cannot be performed.

Marker

Write or draw characters or pictures freely.

Note

- Free drawn or written lines may be distorted if smoothing is enabled, depending on the writing speed.
 - * Smoothing can be enabled/disabled in the Settings dialog box.

Highlighter

Write or draw characters or pictures freely in translucent color.

This is ideal for highlighting words or pictures that you want to emphasize.

Note

- Free drawn or written lines may be distorted if smoothing is enabled, depending on the writing speed.
 - * Smoothing can be enabled/disabled in the Settings dialog box.

Color

Switch the drawing color.

Other colors/Select background

Switch the drawing color or the color and type of screen background.

Notes

- If the screen background is transparent, the desktop or open programs are shown but cannot be operated.
- Switch to the Desktop Operation mode to operate the desktop.

Width

Change the width of selected marker, highlight marker and eraser.

Eraser

Erase written and drawn content.

Notes

- Each deletion removes one line segment drawn with a single stroke.
 - * Partial freeform line erase can be enabled/disabled in the “Setting” dialog box.
 - * An object being drawn using Straight Line/Assist Shape Drawing cannot be partially erased.
- The eraser operation may slow down when a number of lines or objects have been drawn, or when the partial erase is enabled.
- The image cannot be erased with the eraser. Use Delete in the Object operation menu.

Erase all

Erase all characters or pictures drawn on the screen.

However, locked characters, shapes, images or text will be left undeleted.

Multi Mode (Touch control only)

Switch to the mode that enables simultaneous multi-touch control.

Notes

- Operations using gestures are not supported by the multi mode.
- Function switches such as drawing color and width, etc., are applied to all touch controls simultaneously.

Single Mode (Touch control only)

Switch between touch control drawing and gesture supporting mode.

Notes

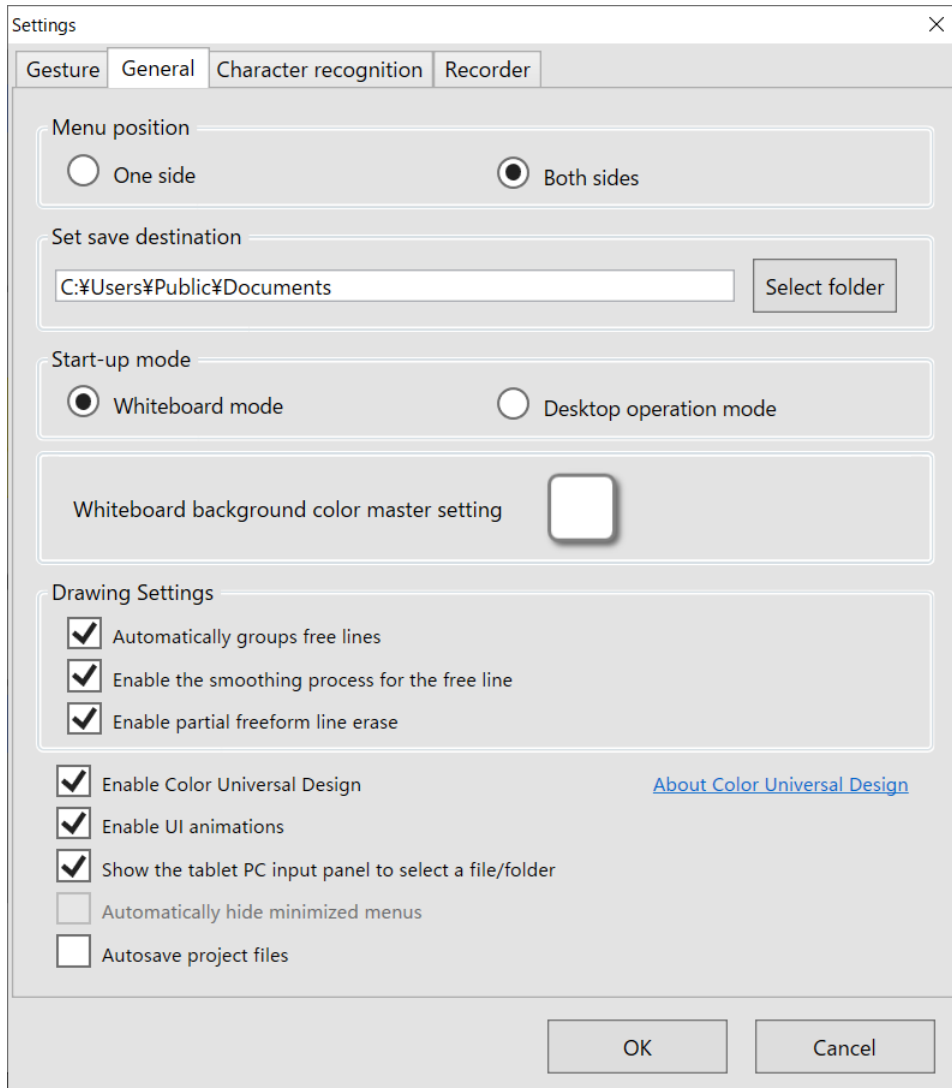
- The single mode only allows one touch control drawing.
- Multiple gestures cannot be used simultaneously.
- The software is set to the single mode by default.
- Gesture control can be performed on the projector using two supplied pens.
 - To do so, tap the “Select object” button in the main menu, and then perform the gestures. (If the “Select object” button is not tapped, unwanted points may be drawn.)
- When using the projector, gestures may be difficult depending on the projection environment.

Settings

Configure settings relating to the entire software.
Tap the “OK” button to apply the settings.

- **General tab**

Configures the general settings of the software.



The screenshot shows the 'Settings' dialog box with the 'General' tab selected. The dialog has a title bar with a close button (X) and four tabs: 'Gesture', 'General', 'Character recognition', and 'Recorder'. The 'General' tab contains the following settings:

- Menu position:** Radio buttons for 'One side' (unselected) and 'Both sides' (selected).
- Set save destination:** A text field containing 'C:\Users\Public\Documents' and a 'Select folder' button.
- Start-up mode:** Radio buttons for 'Whiteboard mode' (selected) and 'Desktop operation mode' (unselected).
- Whiteboard background color master setting:** A color selection square.
- Drawing Settings:** A group of checkboxes:
 - Automatically groups free lines
 - Enable the smoothing process for the free line
 - Enable partial freeform line erase
 - Enable Color Universal Design (with a link to [About Color Universal Design](#))
 - Enable UI animations
 - Show the tablet PC input panel to select a file/folder
 - Automatically hide minimized menus
 - Autosave project files

At the bottom of the dialog are 'OK' and 'Cancel' buttons.

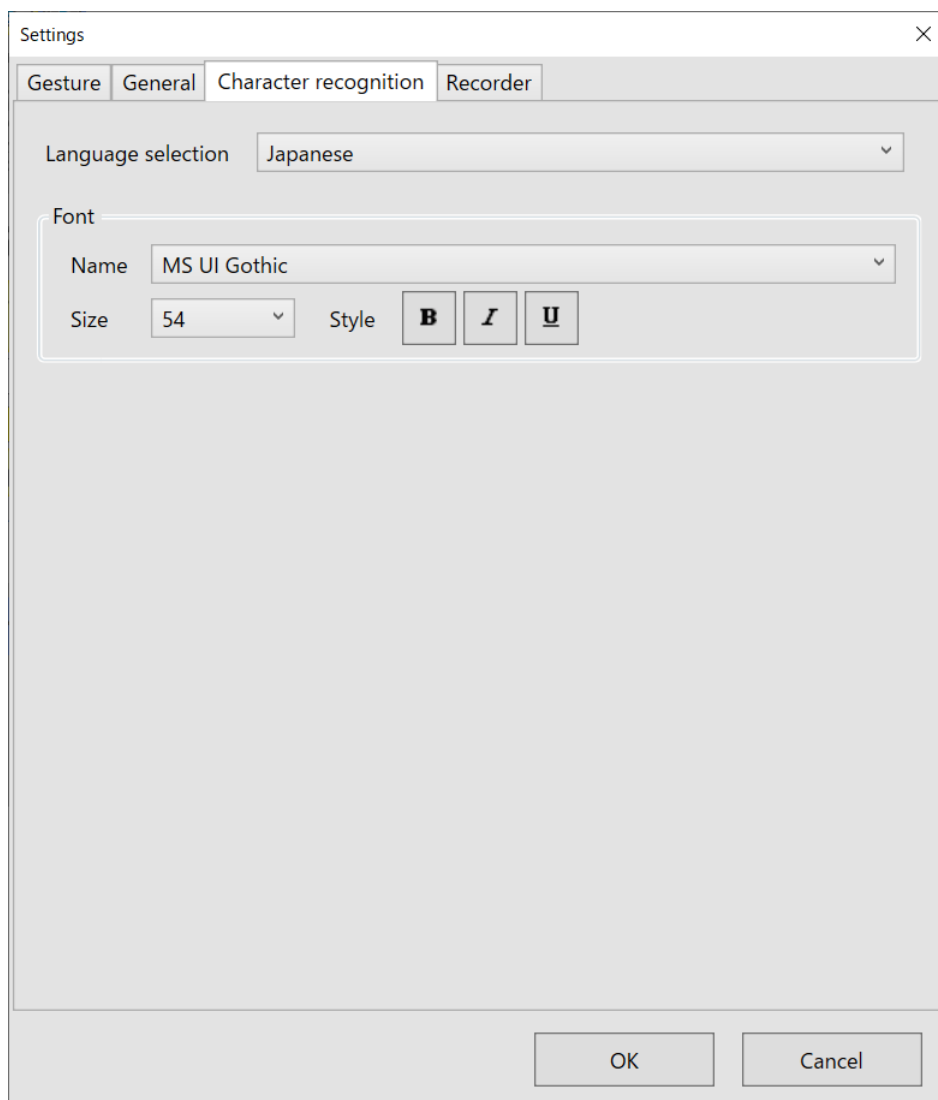
Menu position	One Side : Display one menu on the left or right side of the screen and close the other. Both Sides : Display the menus on both sides of the screen.
Set save destination	A destination folder can be indicated to save files created with the software.
Start-up mode	Whiteboard mode: Starts the software in the whiteboard mode. Desktop Operation mode: Starts the software in the Desktop Operation mode.
Whiteboard background color master setting	Sets the screen background color used when starting a project or adding a new page.
Drawing settings	Automatically groups free lines: Check to automatically group free lines written within a certain time interval. Enable the smoothing process for the free line: Check this box to smooth drawn free lines. Enable partial freeform line erase: Check this box to partially erase a freeform line.
Enable Color Universal Design	Check this box when using color palettes or graphic tools that support Color Universal Design. The software will automatically restart whenever Color Universal Design is enabled or disabled.
Enable UI animations	Check this box to use animation when switching menus.
Show the tablet PC input panel to select a file/folder	Check this to display the tablet PC input panel to select a file and a folder.
Autosave project files	Check to automatically save a project file as recovery data. In such cases as when the software was aborted or terminated abnormally, data recovery from the autosaved project may be possible after the next software startup.

Notes

- The tablet PC input panel may be shown when the edge of the screen is touched even if [Show the tablet PC input panel to select a file/folder] is unchecked.
This can be prevented by selecting [Tool] -> [Option] and removing the check mark from [Use the input panel tab].
- The Autosave projects function is not intended to be used in place of “Save project”. Even if a project has been autosaved, it is still necessary to save the project at the end of a session.
- “Automatically group free lines” will be disabled from touch control in the multi mode.
- Color Universal Design (CUD) refers to the design that carefully considers the use of color to ensure that information is conveyed correctly to people who see color differently from ordinary people (due to congenital color blindness, cataracts caused by aging, glaucoma, or equivalent).

- **Character recognition tab**

Configures the default settings for text insertion and character recognition.



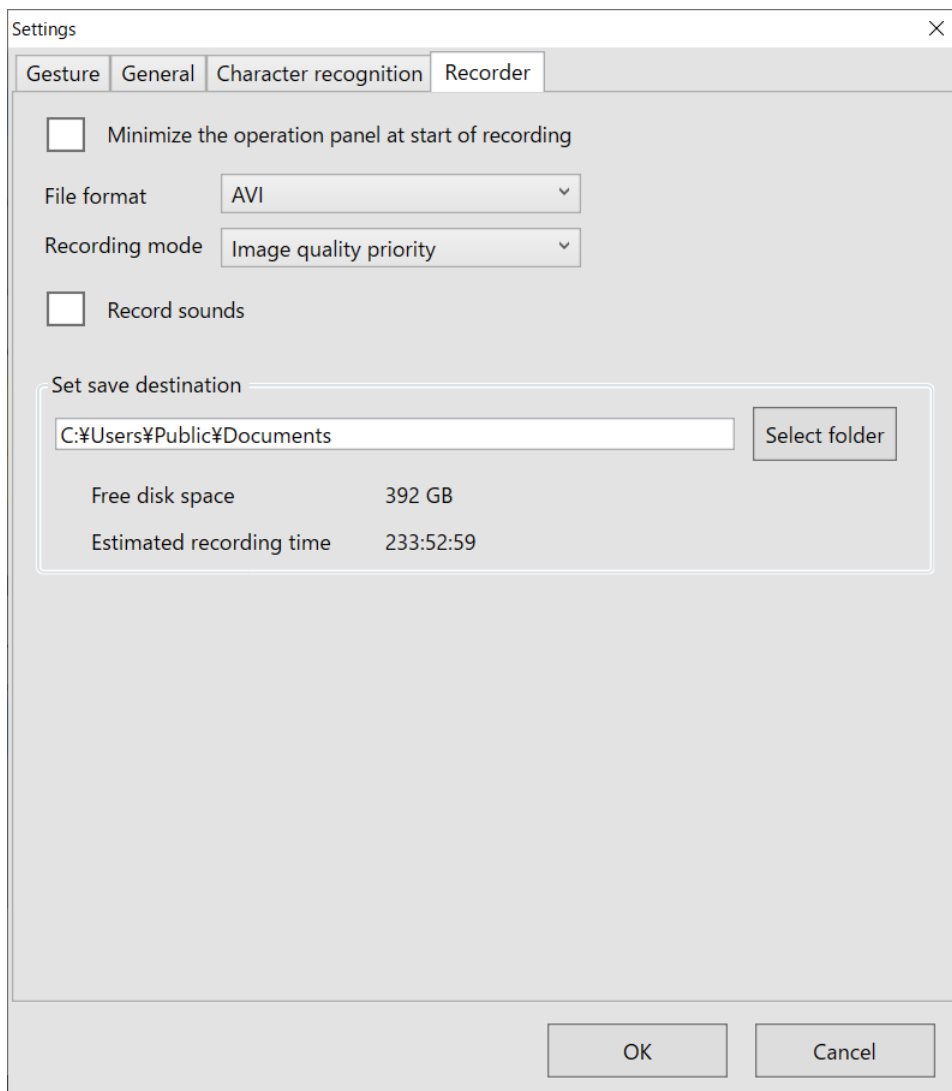
Language selection		Selects a language for character recognition.
Font	Name	Selects the font type of the text.
	Size	Selects the font size of the text.
	B	Applies/releases bolding.
	<i>I</i>	Applies/releases Italicizing.
	<u>U</u>	Applies/releases underlining.

Notes

- For the character recognition on the object operation menu, the font size is determined from the size of the object.
- When character recognition cannot be used due to OS restrictions, etc., “Language selection” will not be available.

- **Recorder tab**

Configures the settings related to the recorder.



Minimize the operation window at the start of recording	Check to minimize the operation window of the recorder automatically at the start of recording.
File format	Specifies a file format for saving a movie file. Select either AVI or WMV.
Recording mode	Specifies the image quality for saving movies. Select from among Image quality priority, Balance or Recording time priority.
Record sounds	Check to include sounds when saving a movie.
Set save destination	Sets the save destination for movies.
Select folder	Selects the save destination for movies.
Free disk space	Shows the available space on the destination disk. Use as a guide for recording.
Expected recording time	Shows the maximum time a recording is expected to take with the specified settings. Use as a guide for recording.

Notes

- To record sounds, it is necessary for the computer to be equipped with a microphone or similar recording device.
- If a location other than a local hard disk such as a removable disk is selected as a save destination, recording may not be successful due to insufficient writing speed.

Utility

Display the Utility Menu. (→ page 16)

File Operation

Tap the “File Operation” button will display the following submenu.

Written and drawn content can be saved in various formats by selecting the desired format from the submenu.

Submenu Item	Description	File format	Applicable Pages
Import Image File	Imports an image from a file and inserts it in the screen.	JPEG, PNG or BMP format	Current page of the Whiteboard mode
Create new project	Create a new project.	WBP/WBPX file formats	All pages in Whiteboard mode
Read project	Read data drawn in the Whiteboard mode.	WBP/WBPX file formats	All pages in Whiteboard mode
Save project	Save overwrite the data in the Whiteboard mode.	WBPX file format	All pages in Whiteboard mode
Save as project	Save data drawn in the Whiteboard mode.	WBPX file format	All pages in Whiteboard mode
Save as PDF (All pages)	Convert the data drawn in the current mode to PDF and save.	PDF	All pages drawn in the selected mode
Save as PDF (Current page)	Convert the data drawn in the current mode to PDF and save.	PDF	The current page in the selected mode
Save as image (Current page)	Convert the data drawn in the current mode to an image and save.	JPEG or BMP format	The current page in the selected mode

Notes

- Files are saved to the destination indicated in “Settings” in the Main Menu.
- Images up to 50 MB in total can be inserted into each page.

Exit from the application

Exit the application.

Functions in the Utility Menu

Mail

The default email software is opened.

A PDF file is created from all pages drawn in the current operation mode and attached to an email in the email software.

Notes

- Pages with no written or drawn content are not converted to PDF.
- PDF files are created in the destination indicated in “Main Menu” -> “Settings”.

Print

Print the page displayed in the current operation mode.

Normal print	Output the page to the printer set in “Default Printer”.
Advanced print	Print manually using the standard print dialog of the operating system.

Notes

- The screen will not be captured correctly and may not be printed correctly if other software do not allow screen captures.
- Only the current page is printed, regardless of the number of pages displayed in the standard print dialog of the operating system when performing “Advanced print”.
- Printer information may not be obtained correctly for certain printers or versions of printer drivers, causing the page not to be printed correctly.

Capture

Displays the Capture operation panel. Capturing can be performed by operating the displayed panel.

For information on the Capture operation, see “Capture function”. (→ page 41)

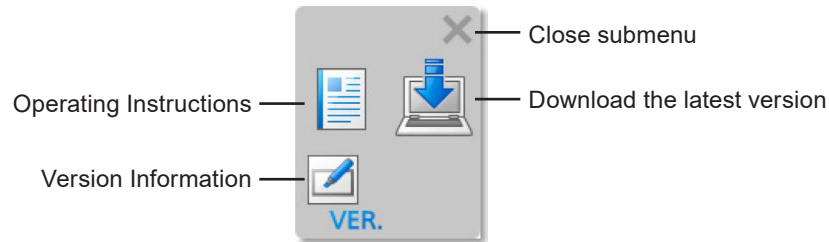
Recorder

Displays the recorder operation panel. Operate the recorder operation panel to save movies.

For information on how to operate the recorder, see “Recorder function”. (→ page 40)

Information

Display the Information Menu.



Operating Instructions

The software support site is displayed in a web browser.

Download the latest version

The software support site is displayed in a web browser.

Version Information

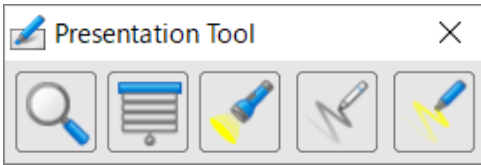
Display the version information of the software.







In addition, pressing the “Download the latest version” button displays the software support website in a web browser.

Presentation Tool

Display the presentation operation panel.

The presentation operation panel is used to start each presentation tool.



Button	Description
 Magnifier	Display a magnifier. Changes the size : Drag and drop the edge of the window Moves the display position: Drag the window Changes the enlargement factor: Press  to select an enlargement factor.
 Screen Shade	Display the shade that covers the entire screen. Changes the size : Drag and drop an area close to the upper, bottom, left or right handle. Moves the display position: Drag the center of the shade. <ul style="list-style-type: none"> • Drawing and object operations cannot be performed when started from the shade. • End the spotlight if it is displayed.
 Spotlight	Display the shade that covers the screen with the exception of the area (spot) specified using the range selection. Changes the size : Drag and drop the edge of the spot Moves the display position: Drag the shaded area <ul style="list-style-type: none"> • Drawing and object operations cannot be performed when started from the shade. • End the screen shade if it is displayed.
 Fade-out Marker	Drawing switches to a drawing made using the Fade-out Marker that fades out after the elapse of a certain period of time. <ul style="list-style-type: none"> • Select another drawing tool to cancel the Fade-out Marker. • Erasing using the eraser, object selection, and project saving cannot be performed. • This tool is not available in the Desktop Operation mode.
 Fade-out Highlighter	Drawing switches to a drawing made using the Fade-out Highlighter that fades out after the elapse of a certain period of time. <ul style="list-style-type: none"> • Select another drawing tool to cancel the Fade-out Marker. • This tool is not available in the Desktop Operation mode. • Erasing using the eraser, object selection, and project saving cannot be performed.

Note

- The screen shade and the spotlight cover some menus of the software itself.
When using the menus, adjust the position of the shade so that the menus can be seen.

Functions in the PowerPoint Link Menu

Change page

Display the next or previous slide.

Return to Top

Returns to the first slide.

Page list

Displays a list of page thumbnails at the bottom of the screen.

Touching a page thumbnail will switch the display to the corresponding page.

For information on how to operate the page list, see “Page list function”. (→ page 39)

End PowerPoint Link

End the PowerPoint Link mode.

Recorder (recording)

Displayed only when recording with the recorder. Pauses recording and opens the recorder operation panel.

For information on how to operate the recorder, see “Recorder function”. (→ page 40)

Notes

- A dialog asking if you would like to save written and drawn content in a PowerPoint file is displayed when exiting PowerPoint Link mode.
- If you do not save the content in a PowerPoint file, it will be saved in the destination indicated in “Settings” in the Main Menu. The file name consists of the original file name and a serial number.




Functions in the Desktop Operation Menu

Close menu

Close the menu.

Change mode

Switch between the Desktop Operation mode, the Whiteboard mode and the PowerPoint Link mode.

Button	Mode
	Desktop Operation mode
	Whiteboard mode
	PowerPoint Link mode

Capture

Displays the Capture operation panel. Capturing can be performed by operating the displayed panel.

For information on the Capture operation, see “Capture function”. (→ page 41)

Recorder

Displays the recorder operation panel. Operate the recorder operation panel to save movies.

For information on how to operate the recorder, see “Recorder function”. (→ page 40)

Recorder (recording)

Displayed only when recording with the recorder. Pauses recording and opens the recorder operation panel.

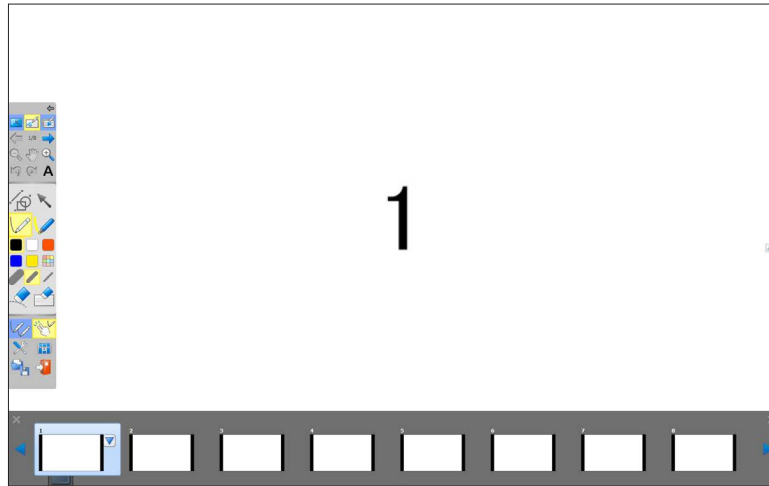
For information on how to operate the recorder, see “Recorder function”. (→ page 40)

Page list function




Page list button

Displays a list of page thumbnails at the bottom of the screen.



Touching an individual thumbnail page will switch the display to the corresponding page.

In Whiteboard mode, the “Page operation menu display” button  is displayed on the page being selected on the page list.

Item	Description
Delete page	Deletes the selected pages.
Duplicate	Duplicates the selected pages and inserts them after the applicable page.
Add new page	Inserts a new page after the selected page.

The page order can be changed by dragging and dropping a touched page.

Pages that are not displayed on the page list can be displayed by tapping the triangular arrow on each side of the page list. In addition, by continually tapping the triangular arrow, it is possible to sequentially page up or down.


Notes

- The page list cannot be operated by multiple touch controls at once.
- The page list cannot be operated by gestures.



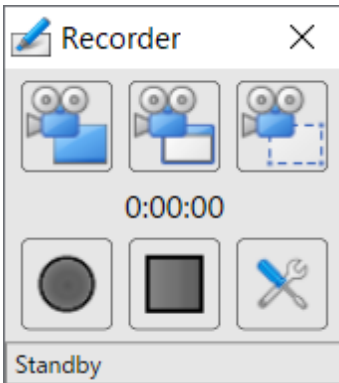
Recorder button

Displays the recorder operation panel.

The recorder button changes to , and pressing the button pauses recording and opens the recorder operation menu.

Recorder function

Records/saves the screen area selected with the recorder operation panel as a movie.



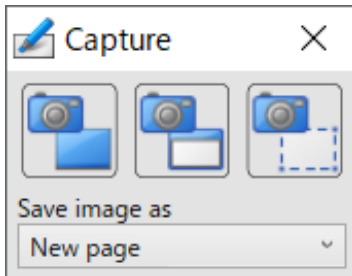
Button	Description
	Starts recording the entire screen.
	Starts recording the area specified in the window. Specifying a window to record will cause recording to start. Even if the window is moved after recording starts, the specified area will continue being recorded.
	Starts recording inside the area specified using the range selection. Specify an area to record. Releasing the drag will cause recording to start.
0 : 00 : 00	Displays the amount of time that has elapsed since the start of recording.
	Pauses recording. (This only appears during recording when the operation panel's minimize function is disabled.)
	Resumes recording.
	Stops and saves a recording.
	Configures settings.




Notes

- If you want to disable the function that minimizes the operation panel when recording starts, do so from the Recorder tab of the settings menu.
- Even when the recorder operation panel is minimized while recording is in progress, the recording will continue without being interrupted. To redisplay the minimized recorder operation panel, press the recorder button.

Capture function

On the capture operation panel, the screen can be saved as an image in a Whiteboard page or a file.



Button	Description
	Captures the entire screen.
	Captures the selected window.
	Captures the selected area.
Save image as	Select the save destination for the captured image from the following. <ul style="list-style-type: none">• New page Inserts a new page in Whiteboard mode and pastes the captured image.• Current page Pastes the captured image to the page selected in Whiteboard mode.• Clipboard Stores the captured image on the clipboard.• File save (JPEG) Saves the captured image as a JPEG format image.• File save (BMP) Saves the captured image as a BMP format image.

Note

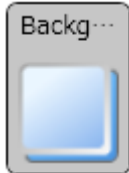
- When other software programs that do not permit screen capturing are open, the screen capture may not be successful.

Background color function

In Whiteboard mode, you can change the screen's background color to transparent with one touch using the background color button.

Pressing the button again restores the color specified as the master setting for the whiteboard background color.

[Background button]



Notes

- If the master setting for the whiteboard background color is set to transparent, the background color will be changed to white.
- The background of the screen can be changed to a color or pattern other than transparent in "Other colors/Select background".

Keyboard operation

This software can be operated with the keyboard.

Keyboard operation	Description
Ctrl + Z	Undoes a operation such as drawing.
Ctrl + Y	Redoes the undone action.
Ctrl + C	Copies the currently selected object.
Ctrl + X	Cuts the currently selected object.
Ctrl + V	Pastes the copied object.
Delete	Deletes the currently selected object.
Esc	Exits the PowerPoint Link mode.
→ or ↓	Moves to the next slide page in PowerPoint Link mode.
← or ↑	Moves to the previous slide page in PowerPoint Link mode.

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