

# Using Smart Organizing Monitor under the Macintosh Environment

The following explains the items that are displayed on the Smart Organizing Monitor when using it under the Macintosh environment.

## Device Settings

### Important

Depending on your machine model, functions you can use may vary.

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## Smart Organizing Monitor

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Shows device status information.

### ❖ [User Guide]

Displays the user's guide.

### ❖ [Search Network Printer]

Displays supported network printers that can be monitored.

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## Status tab

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Displays details about selected items in the tree.

### ❖ Displayed content of tree-selected items

Tree-selected items	Displayed content
Toner	Remaining toner levels.
Input Tray	Status of paper trays and the size and type of paper set in each.
Supplies	Status of waste toner bottle, fusing unit, and transfer belt.
System	System information: Model Name, System Version, Memory Size, PCL 5c, PCL XL, PS3, and PictBridge.
Counter	Status such as Total, Black & White, and Full Color.
Network	Printer details: Device Name, Comment, IP Address, Subnet Mask, and MAC Address.

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## User Tools tab

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Displays the test print setting and allows you to select whether to open the **[Printer Configuration]** dialog box.

❖ **List/Test Print**

Select the item for test print.

- **[Print]**

Select the item for test print.

❖ **[Printer Configuration]**

Opens the **[Printer Configuration]** dialog box. If **[Use]** is selected for **[Access Code]** in **[System]** tab, the tabs you can see/set may vary depending on the access code settings.

❖ **[IP Address]**

If you cannot obtain the IP address after the test printing, press this button to set the IP address manually.

 **Note**

For details about test printing, see the printer operating instructions.

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# Printer Configuration

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## Paper Input Tab

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Make paper settings such as size and type for each paper tray.

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### Tray 1

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#### ❖ Paper Size

In the **[Paper Size]** list, select the size of paper loaded in the input tray. If you select **[Custom Paper Size]**, specify the size in **[Custom Paper Size]**.

#### ❖ Paper Type

In the **[Paper Type]** list, select the paper type.

#### ❖ Custom Paper Size

Enter the custom paper size when **[Custom Paper Size]** is selected.

- Unit  
Select which units (inch or mm) to use for entering lengths in the **[Horizontal]** and **[Vertical]** boxes.
- Horizontal and Vertical  
Enter the custom paper size when **[Custom Paper Size]** is selected. In the units selected earlier (inch or mm), enter the length of the paper's short and long edges in the **[Horizontal]** and **[Vertical]** boxes respectively.

#### Note

- Available paper sizes vary depending on the paper tray. For details about setting the paper size, see the printer operating instructions.

#### Reference

For details about setting the paper size, see the printer operating instructions.

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### Tray 2

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#### ❖ Paper Size

In the **[Paper Size]** list, select the size of paper loaded in the input tray.

#### ❖ Paper Type

In the **[Paper Type]** list, select the paper type.

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### Tray Priority

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#### ❖ Default Tray

Select the tray used for the priority paper source. "Tray Priority" is the tray selected immediately after the printer is turned on, and when Auto Select is chosen as the paper source for a job.

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## Bypass Tray

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### ❖ Paper Size

In the **[Paper Size]** list, select the size of paper loaded in the input tray.  
When **[Custom Paper Size]** is selected, specify the size in **[Custom Paper Size]**.

### ❖ Paper Type

In the **[Paper Type]** list, select the paper type.

### ❖ Custom Paper Size

- Unit  
Select which units (inch or mm) to use for entering lengths in the **[Horizontal]** and **[Vertical]** boxes.
- Horizontal and Vertical  
Enter the custom paper size when **[Custom Paper Size]** is selected. In the units selected earlier (inch or mm), enter the length of the paper's short and long edges in the **[Horizontal]** and **[Vertical]** boxes respectively.

### Note

- Available paper sizes vary depending on the paper tray. For details about setting the paper size, see the printer operating instructions.

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## Maintenance Tab

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Make settings for adjusting printing position and color registration, and updating the printer's firmware.

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### Registration: Tray 2 Paper

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Adjust the position of Tray 2 if it is installed.

❖ **[Print Test Sheet]**

Click this button to check the printing position using a test print.

❖ **Adjustment**

- Horizontal  
Adjust the horizontal print position if needed.
  - Vertical  
Adjust the vertical print position if needed.
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### Registration: Bypass Tray

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Adjust the position of the bypass tray.

❖ **[Print Test Sheet]**

Click this button to check the printing position using a test print.

❖ **Adjustment**

- Vertical  
Adjust the vertical print position if needed.
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### Color Registration

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❖ **[Adjust]**

Press to adjust the color registration.

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### [Printer Firmware Update]

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Press to update the printer firmware.

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## System Tab

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Make system, access code, and language settings.

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### System

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#### ❖ Auto Continue

Select how the printer responds if it does not have a paper tray that contains the paper size and type specified by a job.

- Off  
The printer stops operation until the correct paper is loaded.
- On  
After 60 seconds, the printer begins printing regardless of the size and type of paper loaded in the tray.

#### ❖ Copies

Select a number of print copies (1 to 999).

#### ❖ Sub Paper Size

Select whether or not to enable A4/Letter switching.

#### Note

- This function is effective for A4 and Letter-size only.

#### ❖ 2 Sided Print

Prints on both sides of sheets.

- Off  
Disables Duplex printing.
- Short Edge Bind  
Prints output so that you can open it to the top when bound along the top like a calendar.
- Long Edge Bind  
Prints output so that you can open it to the left when bound along the left edge like a book.

#### Note

- If you are using a printer that does not support automatic duplex printing, perform normal single-sided printing, and then turn the copies over to print on the other side.

#### ❖ Blank Pages

Select whether or not to print on blank pages.

#### ❖ Energy Saver Mode 1

When this function is enabled, less electricity is used.

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**❖ Energy Saver Mode 2**

When this function is enabled, less electricity is used than under Energy Saver 1.

**❖ Energy Saver Mode 2 Timer**

When **[Energy Saver Mode 2]** mode is enabled, you can select a timeout period.

**❖ B&W Page Detect**

When this function is enabled, all pages are individually counted and detected as black and white or color.

 **Note**

- Grayscale pages of indexed colors are counted as black and white pages.
- Grayscale pages of sampled colors, for example RGB, are counted as color pages.

**❖ Auto E-mail Notification**

Select whether or not to send e-mail notification of machine status or errors.

**❖ Print Error Page**

Prints an error report if an error occurs during print data processing.

**❖ Device Comment**

Enter a note about the machine, using up to 32 alphanumeric characters.

**❖ [Restore Factory Defaults]**

Resets all settings to their default values.

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**Access Code**

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Select whether or not to use the access code.

If you select **[Use]**, the tabs you can see/set may vary depending on the access code settings. If you select **[Do not Use]**, the access code setting screen does not appear before the **[Printer Configuration]** dialog box. **[Do not Use]** is set as the factory default. Change it to **[Use]** if you want access code control.

**❖ [Change Access Code...]**

If you selected **[Use]** for **[Access Code]**, press this button to change the access code.

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**Language**

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Select the language you want to use.

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## Network 1 Tab

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Use this page to enter administrative information related to the network.

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### Information

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Displays the device name and comment, MAC address, and the active protocol of the machine.

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### Interface

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#### ❖ I/O Timeout (USB)

Select the USB timeout from the drop down list. The printer waits before ending a print job if more data is not received through USB. When the specified period elapses, data reception through other interfaces is possible.

#### ❖ I/O Timeout (Network)

Select the network timeout from the drop down list. If EOF (\*) is not received by the network printer, the printer remains waiting. When the specified period elapses, data reception through other interfaces is possible.

(\*)End Of File: a code placed by a computer after a file's last byte of data.

#### ❖ TCP/IP

Select whether TCP/IP is **[Active]** or **[Inactive]**.

#### ❖ Netware

Select whether Netware is **[Active]** or **[Inactive]**.

#### ❖ AppleTalk

Select whether AppleTalk is **[Active]** or **[Inactive]**.

#### ❖ Ethernet Speed

Select the Ethernet communication speed. For normal use, select **[Auto Select]**. This allows the device to select the optimum speed. If communication with the device fails, select **[10Mbps Half D.]**, **[10Mbps Full D.]**, **[100Mbps Half D.]**, or **[100Mbps Full D.]**.

#### ❖ USB Speed

Select the USB communication speed. For normal use, select **[Auto Select]**. This allows the device to select the optimum speed. If communication with the device fails, select **[Full Speed]**.

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## TCP/IP

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### ❖ IP Address

This device's network IP address. Enter it in the following format: "xxx.xxx.xxx.xxx" (replace "x" with the appropriate numbers, for example: "123.123.123.123").

### ❖ Subnet Mask

Specify the part of the IP address used as the subnet mask. Enter it in the following format: "xxx.xxx.xxx.xxx" (replace "x" with the appropriate numbers, for example: "123.123.123.123").

### ❖ Default Gateway Address

Enter the default gateway address. The default gateway address is the IP address of the host or router used as the gateway when communicating (printing or exchanging information) with a computer on another network.

### ❖ DHCP

Select **[On]** to automatically configure the network settings using the DHCP server.

Select **[Off]** to configure the network settings manually.

If DHCP is active, all TCP/IP settings are obtained automatically from the DHCP server.

### ❖ DNS Server IP Address

Enter the DNS Server IP address in the following format: "xxx.xxx.xxx.xxx" (replacing "x" with the appropriate numbers, for example: "123.123.123.123").

### ❖ DNS Domain Name

Enter the domain name, using up to 32 alphanumeric characters.

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## Network 2 Tab

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Use this page to enter administrative information related to the network.

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### NetWare

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#### ❖ Frame Type

In the list, select the frame type you want to use. The default setting is **[Auto Select]**, which detects the frame type automatically. To specify particular frame type, select it from the drop down list here.

#### ❖ Logon Mode

Select whether to specify the file server or the NDS tree when logging on using NetWare.

- File Server Mode  
Connects to the file server specified in the **[File Server Name]** box.
- NDS Mode  
Connects to the server within the NDS tree specified in the **[NDS Tree Name]** box.

#### ❖ File Server Name

Enter the file server name using up to 47 characters.

#### ❖ NDS Tree Name

Enter the name of the NDS tree you want to log on to when using NDS mode. You can use up to 48 characters.

#### ❖ NDS Context Name

Enter the context of the print server when using NDS mode. You can use up to 127 characters. Object names must be input from the lowest level and separated by a period.

For example: if you want to create the file server in NETWORK under DS, enter "NETWORK.DS".

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### SMTP

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#### ❖ SMTP Authentication

Select whether to log on to the SMTP server using SMTP AUTH for sending e-mail.

#### ❖ Port Number

Enter the port number used for sending e-mail to the SMTP server. Enter a value between 1 and 65535.

**❖ SMTP Server Name**

Enter the IP address or host name of the SMTP server using up to 64 characters.

** Note**

- When the SMTP server host name is specified, a DNS server must be set up so the IP address can be obtained from the host name (forward lookup).

**❖ User Name**

Enter the SMTP account name to be used when **[SMTP Authentication]** is set to **[On]**.

Use up to 32 alphanumeric characters.

**❖ Password**

Enter the SMTP account password to be used when **[SMTP Authentication]** is set to **[On]**.

Use up to 32 alphanumeric characters.

**❖ E-mail Address**

Enter the e-mail address used for e-mail notification.

Use up to 64 alphanumeric characters.

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## Network 3 Tab

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### SNMP

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#### ❖ Community Name

Enter the name of the community to which the network interface board belongs. You can use up to 15 alphanumeric characters. Only requests from hosts whose community name matches the name you set here will be accepted.

#### ❖ Manager IP Address

Enter the host computer's IP address.

To accept requests from any host, set the address to "0.0.0.0".

#### ❖ Manager IPX Address

Enter the host computer's IPX address. The IPX address consists of the network number and the physical address. Enter the network number to which the host is connected and the MAC address of the host's network interface board, separated by a colon (:).

To accept requests from any host, set the MAC address to "00:00:00:00:00:00".

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### AppleTalk

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#### ❖ Printer Name

Enter the name of the printer to be displayed on Chooser, using up to 32 alphanumeric characters. You cannot use symbols such as "\*", ":", "=", and "@", and characters equivalent to ASCII "0xc5".

The name of the printer displayed on the active Macintosh Chooser appears in parentheses. Normally, this is the name specified under the **[Selected Printer Name]** box, but if multiple machines of the same name are configured, it may be another name.

Printer Name is not displayed if the PostScript Unit is not installed.

#### ❖ Zone Name

Enter the name of the zone to which the interface board belongs. To specify the default zone, enter "\*". You can use up to 32 alphanumeric characters.

The name of the zone that the active interface board currently belongs to appears in parentheses.

#### ❖ Type Name

Displays the printer type.

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## Printer Tab

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Displays the printer settings.

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### PCL

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#### ❖ Orientation

Specifies the default page orientation.

- Portrait  
Prints the document so that the paper's shorter sides are horizontal.
- Landscape  
Prints the document so that the paper's longer sides are horizontal.

#### Note

Some applications may override this setting.

#### ❖ Form Lines

Specifies the number of lines (5 to 128) per page.  
60 is default for Letter-size paper, 64 is default for A4.

#### ❖ Font Number

Specifies the default font from the list.

#### ❖ Point Size

Specifies the default font size (4 to 999.75) from the list.

#### ❖ Font Pitch

Specifies the pitch of the default font, if the font is a fixed pitch font selected from the list.

#### ❖ Symbol Set

Specifies the default symbol set from the list.

#### ❖ Courier Font

Select [**Regular**] or [**Dark**] from the list.

#### ❖ Ext. A4 Width

Widens the printable area of A4 sheets by reducing side margin width.

#### ❖ Append CR to LF

Specify whether or not to append a CR code to each LF code to print text more clearly.

#### ❖ Resolution

Displays the available resolution. Higher resolutions produce better print quality but require more time to print.

## PS

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### ❖ **Resolution**

Displays the available resolution. Higher resolutions produce better print quality but require more time to print.

### ❖ **Color Profile**

Select the color profile.

- **Solid Color**  
Reproduces color-accurate colorimetric images.
- **Presentation**  
Enhances basic colors for text and graphics. This setting is ideal for printing tables, graphs, and presentation materials that contain color.
- **Photographic**  
Enhances mid-tone colors similar to those in photographs.

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# Appendix

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## Trademarks

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