
PagePro™ 1390 MF Facsimile User's Guide

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Introduction

1

Precautions

The following types of telephone lines can be connected to this machine.

- PSTN (Public Switched Telephone Network)
- PBX (Private Branch eXchange)



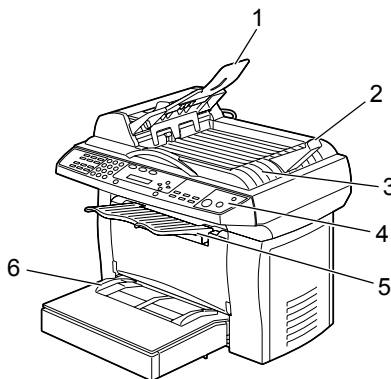
When connected to a PBX line, the PSTN access digit and pause must be dialed if you wish to connect to the PSTN line through the PBX line. The access digit differs depending on the PBX line. Check the specifications of the PBX line that you are using.

Machine Parts

The parts of the machine referred to throughout this manual are illustrated below. Please take some time to become familiar with them.

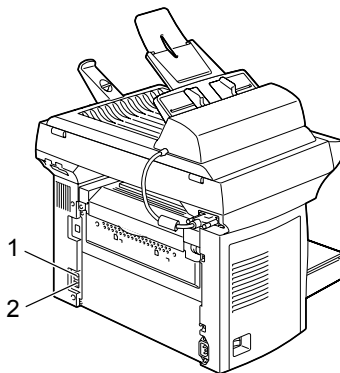
Front View

- 1—Automatic document feeder (ADF) input tray
- 2—Paper stopper
- 3—Automatic document feeder (ADF) cover
- 4—Control panel
- 5—Output tray
- 6—Media tray



Rear View

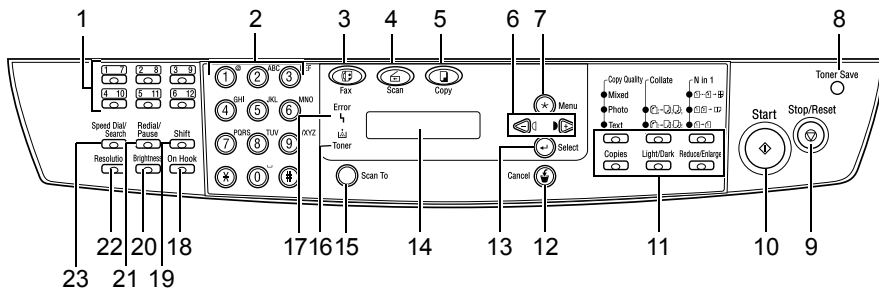
- 1—EXT. jack
- 2—LINE jack




***Control Panel and
Configuration
Menu***

2

About the Control Panel



No.	Part Name	Description
1	One-touch dial keys	Registers and recalls one-touch dial numbers. To select a one-touch dial number registered with one-touch dial keys 7 through 12, hold down the [Shift] key.
2	Keypad	Used to enter numbers such as fax numbers and letters such as names.
3	Fax key	Enters Fax mode.
4	Scan key	Enters Scan mode.
5	Copy key	Enters Copy mode.
6	Scroll keys	Switches menus and moves the cursor when entering letters and numbers. Press the [-] key to delete the letter or number selected with the cursor.
7	Menu key	Enters Menu mode and displays the first menu that is available.
8	Toner Save key	Saves toner in Copy mode by using less toner to print a document.
9	Stop/Reset key	Exits the menu. Stops an operation at any time.
10	Start key	Starts a copy, scan, or fax job.

11	Copy operations key	<p>Provides copy operations.</p> <p>For details, refer to the Printer/Copier/Scanner User's Guide.</p>  <i>If a copy operations key is pressed in Fax mode, the machine enters Copy mode.</i>
12	Cancel key	<p>Cancels the setting or returns to the previous menu level.</p> <p>Exits the menu if pressed repeatedly.</p> <p>Goes back to the previous menu level.</p>
13	Select key	<p>Goes to the next menu level.</p> <p>Selects an option.</p> <p>Applies settings.</p>
14	Message Window	Displays settings and messages.
15	Scan To key	<p>Scans a document to a designated software program.</p> <p>For details, refer to the Printer/Copier/Scanner User's Guide.</p>
16	Toner indicator	<p>Flashes when the toner cartridge is empty or the drum needs to be replaced.</p> <p>Stays on when the toner has been completely consumed, a wrong toner cartridge is used, or the drum needs to be replaced.</p>
17	Error indicator	Indicates that an error has occurred, for example, a paper jam, no more paper, or an open front door.
18	On Hook key	Sends and receives transmissions with the receiver on the hook.
19	Shift key	Hold down to select one-touch dial keys 7 through 12.
20	Brightness	Adjusts the brightness of the fax document.
21	Redial/Pause	<p>Recalls the last number dialed.</p> <p>Inserts a pause when a number is dialed.</p>
22	Resolution	Adjusts the image quality of the fax documents.
23	Speed Dial/Search	Recalls a speed dial number.

Configuration Menu Overview

You could probably program the machine without the User's Guide. But to better understand the menu selections and options available, you can refer to the following menu table.

For information on the Common Setup menu, the Copy Setup menu, and Configuration, Menu map and Usage report of the Report menu, refer to the Printer/Copier/Scanner User's Guide.



All factory default values are shown in bold.

1. Common Setup

2. Copy Setup

3. Report	31. Configuration		
	32. Menu map		
	33. Usage report		
	34. Fax Act. Rept		
	35. Phone Book		

4. Fax Setup	41. Date/Time		Keypad entry
	42. Fax Header	Name	Keypad entry (Up to 20 characters) (Any character that can be entered with the keypad)
		Fax	Keypad entry (Up to 20 characters) (1, 2, 3, 4, 5, 6, 7, 8, 9, 0, +,)

	43.Tone/Pulse		USA/Canada: Tone , Pulse 10PPS Europe: Tone , 10PPS 33/67, 10PPS 40/60 China: Tone , Pulse 10PPS, Pulse 20PPS Taiwan: Tone , Pulse 10PPS
	44.No. of Rings		1,2,3,4, Manual
	45.Header		Off, On
	46.Def. Res.		STD. , Fine, S-Fine, Photo
	47.Def. Bright		Dark, Normal , Light
	48.Line Moni- tor		Off, Low, Mid , High
	49.Tx Report		Off, On, Error
	410.Redial Count		0,1,2,3,4,5,6
	411.Redial Int.		10s, 30s, 1min, 2min , 3min
	412.Footer		Off , On
	413.DialTone Det		Off , On

	414.Fax Main.	Connect Time	60 secs, 70 secs, 80 secs, 90 secs
		Tx Level	0dbm, -1dbm, -2dbm, , , -10dbm, , , -15dbm (Default: Depends on the sales region)
		ECM	Off, On
		Tx Speed	33.6 , 31.2, 28.8, 26.4, 24.0, 21.6, 19.2, 16.8, 14.4, 12.0, 9.6, 7.2, 4.8, 2.4 (Kbps)
		Rx Speed	33.6 , 31.2, 28.8, 26.4, 24.0, 21.6, 19.2, 16.8, 14.4, 9.6, 4.8, 2.4 (Kbps)
		Speed Display	Off , On
		Codec Disable	Off , MMR, MR
		Protocol Report	Off , On, Error
		File Clear	
		Install Location	USA/Canada, Europe, China, Taiwan

5.PhoneBook	51.One Touch		12 entries (1 to 12).
	52.Speed Dial		100 entries (00 to 99).
	53.Group Dial	Add, Delete, Del All	Max: 50 entries for each Group Dial. Overlap with one-touch dial key.

6.Special Fax	61.Timer Tx	Time entry	Max: 5 entries.
	62.Broadcast		Max: 100 entries.
	63.Polling Rx		
	64.Mem Man- age.	641.Mem.Job List	
642.Mem. Clear			Enter Job No.

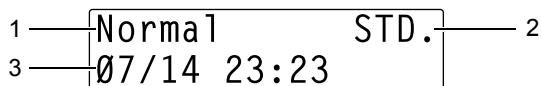
Set up

3

Fax Mode Screen

About the Fax Mode Screen

The following message window appears in Fax mode.



No.	Parameter	Description
1	Brightness	Displays the current Brightness setting.
2	Resolution	Displays the current Resolution setting.
3	Date/Time	Displays the current date and time.

Entering Fax Mode

Before using a Fax function, make sure that the [Fax] key is lit in green. Otherwise, press it to enter Fax mode.


Initial Settings

About Fax Setup

The machine settings can be changed depending on the normal use.



All factory default values are shown in bold.

Date/Time	<p>Set the machine to the current date and time. This date and time appears in the message window in Fax mode and is printed on received faxes.</p> <p>The time is displayed in the 24-hour format. The display format differs depending on the setting selected for Install Location.</p> <ul style="list-style-type: none">■ USA/Canada: MM/DD/YYYY■ Europe: DD/MM/YYYY■ China: YYYY/MM/DD■ Taiwan: YYYY/MM/DD	
Fax Header	Name	Specify your name and fax number. The specified name and fax number are printed in the header of sent faxes. Type in your name. (A maximum of 20 characters can be entered.)
	Fax	Type in your machine's fax number. (A maximum of 20 digits can be entered.)  <i>Entering numbers after 20 digits have already been entered for the fax number will overwrite the number at the cursor's position.</i>

Tone/Pulse	Settings	<p>The available settings differ depending on the setting selected for Install Location.</p> <ul style="list-style-type: none"> ■ USA/Canada: Tone, Pulse 10PPS ■ Europe: Tone, 10PPS 33/67, 10PPS 40/60 ■ China: Tone, Pulse 10PPS, Pulse 20PPS ■ Taiwan: Tone, Pulse 10PPS <p>(PPS: Pulses per second)</p>
<p>Select the type of telephone line that is being used.</p> <p>If Pulse is selected, press the [*] key to temporarily change the telephone line type to Tone. After using the machine with the receiver on the hook, return the setting to Pulse.</p> <p>If using the machine in Europe, the Pulse setting varies according to the country. Select the appropriate Pulse setting for your country.</p>		
No. of Rings	Settings	<p>1 / 2 / 3 / 4 / Manual</p> <p>Select the number of rings that are sounded when a fax is received.</p> <p>If Manual is selected, a fax cannot be received automatically. Receive the fax manually. For details, refer to "Receiving Faxes After Using the Telephone" on page 34.</p>
Header	Settings	<p>Off / On</p> <p>Select whether or not this transmission information is printed on sent faxes.</p>

Def. Res.	Settings	STD. / Fine / S-Fine / Photo
	<p>Specify the default resolution.</p> <p>Frequently used document types are available.</p> <ul style="list-style-type: none"> ■ STD.: For documents containing normal text (such as handwriting) ■ Fine: For documents containing small text ■ S-Fine: For documents such as newspapers or those containing detailed illustrations ■ Photo: For documents with color shades, such as photos <p>Press the [Resolution] key to temporarily change the resolution before a transmission.</p>	
Def. Bright	Settings	Dark / Normal / Light
	<p>Specify the default brightness.</p> <p>Frequently used brightness settings are available.</p> <ul style="list-style-type: none"> ■ Normal: Sends the document without any adjustments. ■ Light: Lightens dark documents. ■ Dark: Darkens light documents. <p>Press the [Brightness] key to temporarily change the brightness before a transmission.</p>	
Line Monitor	Settings	Off / Low / Mid / High
	<p>Select the volume of the monitoring sound when the [On Hook] key is pressed and of the transmission signal.</p>	
Tx Report	Settings	Off / On / Error
	<p>Select whether or not a report is printed after a transmission.</p> <ul style="list-style-type: none"> ■ On: Prints the report after each transmission. ■ Off: Does not print the report after each transmission. ■ Error: Prints the report after a transmission only if an error occurred. 	
Redial Count	Settings	0 / 1 / 2 / 3 / 4 / 5 / 6
	<p>Select the number of times an auto redial is attempted.</p> <p>If 0 is selected, auto redial is not performed.</p>	


Redial Int.	Settings	10s / 30s / 1min / 2min / 3min	
	Select the length of time in seconds (s) or minutes (min) during which redials are attempted.		
Footer	Settings	Off / On	
	Select whether or not the sender's information is printed on received faxes.		
DialTone Det	Settings	Off / On	
	Select whether or not to detect a dial tone. With this feature, the line is checked for a dial tone before dialing begins. If On is selected, the number is not dialed if no dial tone can be detected.		
Fax Main.	Connect Time	Settings	60 secs / 70 secs / 80 secs / 90 secs
		Select the amount of time until the connection times out.	
	Tx Level	Settings	0dbm / -1dbm / -2dbm / / / -10dbm / / / -15dbm (Default: Depends on the sales region)
		Select the transmission level of the fax transmission signal.	
	ECM	Settings	Off / On
		Select whether or not the automatic error correction mode (ECM) is used to automatically send the fax again if an error occurs during the transmission of the document (for example, due to a disturbance in the line).	
	Tx Speed	Settings	33.6 / 31.2 / 28.8 / 26.4 / 24.0 / 21.6 / 19.2 / 16.8 / 14.4 / 12.0 / 9.6 / 7.2 / 4.8 / 2.4 (Kbps)
		Select the modem speed for sending faxes.	
	Rx Speed	Settings	33.6 / 31.2 / 28.8 / 26.4 / 24.0 / 21.6 / 19.2 / 16.8 / 14.4 / 9.6 / 4.8 / 2.4 (Kbps)
		Select the modem speed for receiving faxes.	

Fax Main.	Speed Display	Settings	Off / On
		Select whether or not the modem speed is displayed in the message window during a transmission or reception. In addition, settings such as the modem speed are also printed in the Transmit Report.	
	Codec Disable	Settings	Off / MMR / MR
		MMR and MR CODEC can be disabled. Select the method for compression encoding scanned images and decoding received images. With MMR, the compression ratio is higher, but the recipient's fax machine may be incompatible. With MH, the compression ratio is lower, but most fax machines are compatible. Select the setting suitable for the recipient's fax machine. When MMR is disabled, CODEC can be set to MH and MR. When MR is disabled, CODEC can only be set to MH.	
	Protocol Report	Settings	Off / On / Error
		Select whether or not to print the protocol report. <ul style="list-style-type: none"> ■ On: Prints the report. ■ Off: Does not print the report. ■ Error: Prints the report only if an error occurred. 	
File Clear	Clears the data stored in fax memory.		
Install Location	USA/Canada, Europe, China, Taiwan		

Setting Up Fax Setup

- 1 Press the [Menu] key to enter Menu mode.

The main menu appears in the message window.

Menu / select by
Press , num

- 2 Press the [+] key 4 times.

OR

Press the [4] key.

OR

Hold down the [+] key to navigate more quickly to Fax Setup.

Fax Setup appears in the message window.

4.Fax Setup
Press , Select

- 3 Press the [Select] key.

- 4 Press the [+] or [-] key until the desired menu appears, and then press the [Select] key.

- 5 Specify the necessary settings, and then press the [Select] key.

Tone
Press , Select



To cancel the settings, press the [Cancel] key.



When the settings are applied, "Setting OK" appears and the Fax mode screen appears again. A check mark appears beside the setting that is currently selected.

To return to the Fax mode screen without applying the settings, press the [Stop/Reset] key.

Sending Faxes

4

Basic Fax Operation

This section contains basic information on sending faxes.

An example of the basic procedure for sending a fax using the ADF is described below.

1 Press the [Fax] key to enter Fax mode.

2 Load the original document to be faxed facing up.



For details on loading the original document into the ADF input tray, refer to “Loading the Original Document Into the ADF Input Tray” on page 21.

For details on placing the original document on the flatbed glass, refer to “Placing the Original Document on the Flatbed Glass” on page 22.

3 Press the [Brightness] and [Resolution] keys to specify the desired brightness and image quality.



The brightness of the document can be adjusted by pressing the [Brightness] key. For details, refer to “Improving Brightness” on page 24.



The document image quality can be adjusted by pressing the [Resolution] key. For details, refer to “Improving Resolution” on page 24.

4 Specify the fax number of the recipient in one of the following ways:

- Direct dialing
- Using the one-touch dial key
- Using the Speed Dial function
- Using the Search function
- Using the [Redial/Pause] key



For details on specifying the recipient, refer to “Specifying a Recipient” on page 25. For details on using the [Redial/Pause] key, refer to “Sending a Fax Again” on page 29.




*If **Pulse** is selected as the telephone line type, press the [*] key to temporarily change the line type to **Tone**. After using the machine with the receiver on the hook, return the setting to **Pulse**.*

5 Press the [Start] key.


The document is scanned, and then the fax is sent.



To stop the transmission, press the [Stop/Reset] key.

 If the fax could not be sent (for example, because the line was busy), the Auto Redial function will try sending the transmission again. For details on the Auto Redial function, refer to “About Fax Setup” on page 13.


If the fax could not be sent with the Auto Redial function, a Transmit Report is printed. For details, refer to “Printing Reports and Lists” on page 55.


 Since a document with multiple pages is saved in the memory while it is being sent, the document is scanned at high speed. A maximum of 50 pages can be stored in the memory. (If the Resolution setting “Photo” was selected, 50 pages may not be stored in the memory.) The fax will be sent when the memory becomes full. In addition, since no more than 50 pages can be sent in a single transmission, any pages that exceed that number are not sent. After the transmission is completed, another transmission operation can be performed.


Loading Original Documents


Loading the Original Document Into the ADF Input Tray

If the ADF is used, original documents containing multiple pages can be automatically scanned.

 Do not load original documents that are bound together, for example, with paper clips or staples.

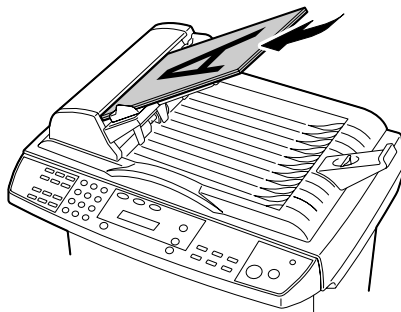
 Do not load more than 50 sheets; otherwise a original document misfeed or damage to the document or machine may occur.

 If the original document is not loaded correctly, it may not be fed in straight, or an original document misfeed or damage to the document may occur.

 Do not open the ADF cover while documents loaded into the ADF are being scanned.

1 Make sure that there is no document on the flatbed glass.

- Put the top end of the document stack into the ADF input tray face up and with the first page to be sent on top of the stack.



- Adjust the guides to the document size.

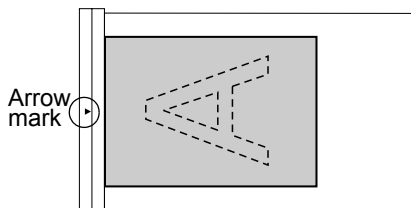
Placing the Original Document on the Flatbed Glass

- Remove all documents from the ADF.



If you are using the flatbed to scan, do not load any documents into the ADF.

- Lift open the ADF cover.
- Place the original document face down on the flatbed glass and align its center with the arrow mark on the glass.



- Gently close the ADF cover.



Closing it too quickly may cause the document to move on the flatbed glass.



A multi-page fax can be sent using the flatbed glass. After the [Start] key is pressed, a confirmation

Next Scan	: START
Scan End	: #

message appears, asking whether or not there are additional pages. If there are more pages, replace the page on the flatbed glass, and then press the [Start] key. After all pages of the document have been scanned, press the [#] key.

If a telephone or the [On Hook] key is being used to send the fax, only one page at a time can be scanned from the flatbed glass. To send a multi-page document, use the ADF.

Adjusting Original Images

Improving Brightness

If the original document contains faint markings or dark images, you can adjust the brightness to send a fax that is easier to read.

- 1 Press the [Brightness] key.
- 2 Repeatedly press the [Brightness] key to find the desired brightness setting.



Each press of the [Brightness] key changes the setting between "Light" "Dark" and "Normal".

- *Normal: Sends the document without any adjustments.*
- *Light: Lightens the document.*
- *Dark: Darkens the document.*



The specified Brightness setting returns to the default under the following conditions.

- *No operation is performed for 2 minutes.*
- *Two minutes after a fax is sent.*
- *A different menu item is selected.*

The default setting is "Normal"; however, the setting can be changed as desired. For details, refer to "About Fax Setup" on page 13.

Improving Resolution

The image quality of a document can be adjusted before it is sent as a fax.

- 1 Press the [Resolution] key.
- 2 Repeatedly press the [Resolution] key to find the desired resolution setting.



Each press of the [Resolution] key changes the setting between "Fine", "S-Fine", "Photo" and "STD."

- *STD.: For documents containing normal text (such as handwriting).*
- *Fine: For documents containing small text.*
- *S-Fine: For documents such as newspapers or those containing detailed illustrations.*
- *Photo: For documents with shades of color, such as photos.*

