



Panasonic®

Operating Instructions (For Facsimile and Internet Fax) Digital Color Imaging Systems

Model No. DP-C406 / C306 / C266


Copying


Printing

Email 

Scanning



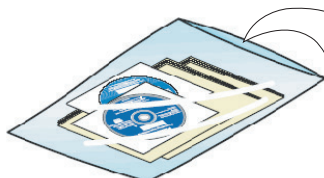
Facsimile

Internet Fax

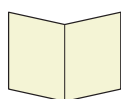


Operating Instructions

The following Operating Instruction manuals are included with this machine. Please refer to the appropriate manual and keep all manuals for future reference. If you lose the manual, contact the authorized Panasonic dealer.

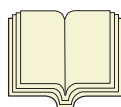


Accessories



Quick Reference Guide

Describes the basic procedures for each function, and introduces various settings for Copy function.



Operating Instructions (For Basic)

Describes the overview of this machine. For a detailed explanation of functions, please refer to the Operating Instruction manuals included on two CD-ROMs as illustrated below.



Operating Instructions CD

Contains manuals with detailed information for Administrator Setup, User Setup, Copy, Facsimile/Internet Fax, Scan/Email, Print functions, Function Parameters, User Authentication, and Maintenance.



Document Management System CD

Contains the Panasonic Document Management System Application software, and manuals for the Panasonic Document Management System Application software.

Operating Instructions CD

Setup Guide For Administrator

Describes how to set up the machine.

Setup Guide For User

Describes how to install the printer driver and application software to client PC.



Copy Function

Describes how to make a Color Copy with creative features.



Facsimile and Internet Fax Function

(The Facsimile function is available when the optional G3 Fax Communication Board is installed.)



Describes how to send/receive a Facsimile/Internet Fax, and describes the course of action to take when a trouble message appears, etc.



Scan and Email Function

Describes how to scan and how to send Email through the machine.



Print Function

Describes how to print using the Control Panel of the machine.

Function Parameters

Describes how to change the default settings of each function using the Control Panel of the machine.

User Authentication

Describes how to enable and use the User Authentication function.

Maintenance Guide

Describes how to maintain the machine, and the course of action to take when a problem message appears.

Document Management System CD

Application Software



Describes how to use the application software.

Ex: Printer Driver, Fax Driver, Quick Image Navigator, Device Monitor/Device Explorer, Network Configuration and Address Book Editor

Conventions

Icons

The following icons are used in this manual.

Icon	Description
	Indicates important information that must be read in detail.
	Indicates reference information.

Notation

The following notations are used in this manual.

Notation	Description
For Keys and Buttons	Hard buttons on the Control Panel are depicted as **** key, and soft buttons on the Touch Panel Display are depicted as “xxx”. Ex: Press the Start key and select “ More Menus ”.

Table of Contents

Chapter 1 Getting To Know Your Machine

Menu Map.....	10
---------------	----

Chapter 2 Basic Fax Transmission

Placing Originals.....	14
How to Place Originals	14
Fax Transmission Procedure.....	18
Entering a Destination	20
Manual Dialing	20
Using the Address Book.....	22
Searching for a Destination	"Search" 24
Redialing	"Redial" 27
Preventing Accidental Transmission to Multiple Destinations	"Multi Station" 28
Confirming the Destination	"Destinations: ###" 29
Transmission with Destination Monitoring	"Monitor" 32
Talking to the Remote Party Before Transmission	33
Setting Original Quality	"Quality Adj." 34
Setting the Original Size	"Original Size" 38
Transmitting 2-Sided Originals	"2-Sided Original" 40
Verification Stamp	"Verification Stamp" 42
Transmitting a Document Stored in Memory	"Memory" 44
Job Build and SADP	"Job Build and SADP" 46
Direct Transmission.....	"Direct" 48
Verifying Communication Status	"Comm. Status" 50
Rotated Transmission.....	51
Batch Transmission	52
Getting an Outside Line Using PIN Code Access	53
Using Program Keys.....	"Program/Group" 54
Canceling a Communication.....	56
To Cancel Memory Transmission:	56
To Cancel Direct Transmission:	57
Dial Prefix	"122 Dial Prefix" 58

Chapter 3 Convenient Fax Features

Time Controlled Communication (Deferred).....	60
Deferred Transmission	"Transmit" 60
Deferred Polling	"Polling" 62

Polling	64
Polling.....	"Polling" 64
Storing Documents to be Polled	"Polled" 66
Using a Mailbox (Confidential Communication).....	"Mail Box" 68
What is Confidential Communication?.....	68
Confidential Transmission	"Transmit" 69
Confidential Polling.....	"Polling" 70
Storing Documents for Confidential Polling.....	"Polled" 71
Printing a Received Confidential Document.....	"Print File" 72
Deleting a Confidential Document	"Delete File" 74
Sub-Address Communication	76
What is Sub-Addressing?	76
Sub-Addressed Transmission Using Address Book.....	"Sub Address Transmit" 77
Sub-Addressed Transmission Using Manual Dialing	"Sub-Address" 79
Password Communication	80
What is Password Communication?.....	80
Password Transmission	"Password XMT" 81
Setting Password-Protected Transmission.....	"43 Password-Transmit" 82
Printing Communication Journal.....	"Comm. Journal" 84
Transmitting a Document with a Cover Sheet	"Cover Sheet" 86

Chapter 4 Fax Reception

Receiving Documents	88
Automatic Reception	88
Manual Reception.....	89
Print Reduction and Duplex Recording.....	90
Print Reduction	90
Duplex Recording	91
Substitute Memory Reception.....	92
Convenient Reception Features	94
Selective Reception.....	94
Fax Forwarding.....	95
Password-Reception	96
Junk Fax Filter	97
Receive to Memory.....	"Receive to Memory" 98
What is Memory Reception?	98
Programming Memory Reception.....	99
Printing a Document Received in Memory	100

Chapter 5 Internet Fax

What is Internet Fax?	102
What is Internet Fax?	102
Using the Internet Fax Feature	103
What Internet Fax Can Do	104
Sending Email	104
Receiving Email	105
Inbound Routing	105
Relay Transmission	106
Message Delivery Notice (MDN)	107
Direct Internet Fax Transmission (Using Direct SMTP)	108
Tips for Internet Fax	110
Preparing to Use Internet Fax	112
Program Network Parameters	112
Sending an Email Procedure	"Email" 114
Entering an Email Address	116
Using the Onscreen Keyboard	116
Using the Address Book	118
Searching for Destinations	"Search" 120
Using Cc, Bcc and From	124
Setting Cc and Bcc	125
Setting From Field	126
Setting Subject	127
Confirming the Destination	127
Setting a File Type and a File Name	"File Type and Name" 128
Emailing a Ledger-Sized Document	"Ledger Email XMT" 130
Setting Message Delivery Notice (MDN)	"Delivery Notice" 132
When Email Transmission Fails	134
Using a Completion Notice	"Completion Notice" 135
Receiving an Email	136
Configuring to Receive Email	136
Receiving Email Automatically	136
Receiving Email Manually	"Get Email" 137
Receiving Email with the Program Key	"Program/Group" 138
Receiving an Email on a Computer	140
Receiving Email on Your Computer	140
Opening Email	141
Inbound Routing	142
What is Inbound Routing?	142
Routing Setup Flow	143
Settings for Inbound Routing	144
Programming the Address Book for Inbound Routing	145

Using the Relay Feature	148
What is the Relay Feature?	148
Setting up a Relayed Transmission Network.....	150
Example of a Relayed Transmission Network.....	151
Sample Entries in Address Book.....	152
Function Parameters for Relay Stations.....	154
Settings for Initial Sending Station.....	155
Adding End Receiving Stations for Relayed Transmission	156
Relayed Transmission from Internet Fax.....	"Lan Relay XMT" 158
Relayed Transmission from PC	160
Requesting a Relayed Transmission from a Computer.....	161
Convenient Application Software.....	162
Result of Relayed Transmission	164
Useful Terms to Remember.....	166
DHCP (Dynamic Host Configuration Protocol).....	166
SMTP Authentication.....	166

Chapter 6 Handling Communication Reservation Files

Editing a Communication Reservation File.....	"File List" 168
Displaying a Communication Reservation File List	168
Reading the Reservation Report	169
Editing Communication Reservations.....	"Change Time/Stn" 170
Deleting a Communication Reservation File	"Delete File" 172
Printing a Communication Reservation File	"Print File" 173
Adding Documents to a Communication Reservation File	"Add Document" 174
Resending an Incomplete Document	"Retry Incomp. File" 175

Chapter 7 Program Destinations/Program Keys

Address Book	176
What is Address Book?	176
Items Allowed for Entry in the Address Book	176
Adding a Fax Number into the Address Book	"01 Add Telephone Number" 177
Adding an Email Address to Address Book.....	"02 Add Email Address" 180
Editing Address Book	"03 Modify Station" 183
Deleting a Destination from Address Book.....	"04 Delete Station" 184
Printing the Address Book List	"00 Print Address Book List" 185
Program Keys	186
What is Program Key?.....	186
Programmable Items	186
Setting for Program Dialing	"02 Program Dial" 187
Setting for Group Dialing	"01 Group Dial" 189

Editing a Group Dialing	"03 Modify Group Dial"	191
Deleting the Program Key Setting	"04 Delete Program/GRP"	193
Printing the Program List.....	"00 Print Program List"	194
Programming Email Manual Reception on Program Keys	"05 Manual POP RCV"	195

Chapter 8 Reading Reports/Lists

Transaction Journal		197
Printing Transaction Journal	"Journal"	197
Viewing Communication Results on Touch Panel Display	"Journal"	198
Reading Transaction Journal		199
Communication Journal		201
Address Book List.....		204
Printing Address Book List	"Address Book List"	204
Reading Address Book List.....		205
Program List		206
Printing Program List.....	"Program List"	206
Reading Program List		207
Fax Parameter List		208
Printing Fax Parameter List.....	"Fax Parameter List"	208
Reading Fax Parameter List		209
Individual XMT Journal		210
Printing Individual XMT Journal	"IND. XMT Journal"	210
Reading Individual XMT Journal		211

Chapter 9 Solving Problems

Tips for Solving Problems.....	213
Information Codes	215
Power Failure	220
Checking the Telephone Line.....	221

Chapter 10 Appendix

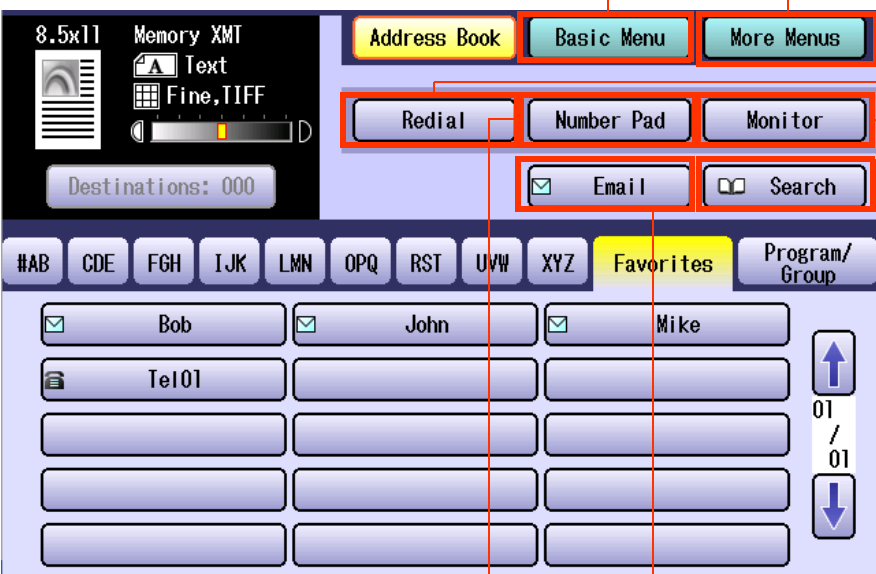
Replacing the Verification Stamp	222
Specifications	224
Glossary	225
Index.....	226

Memo

Menu Map

The main screen and menu for Fax features are as follows.

Address Book Screen



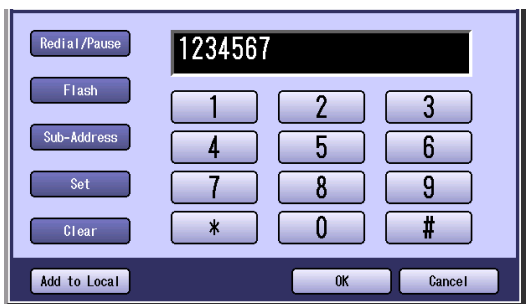
Basic Menu:
See page 11.

More Menus:
See page 12.

Redial:
See page 27.

Monitor:
See page 32.

Number Pad Screen



Refer to **Manual Dialing** (see page 20).

Search Screen



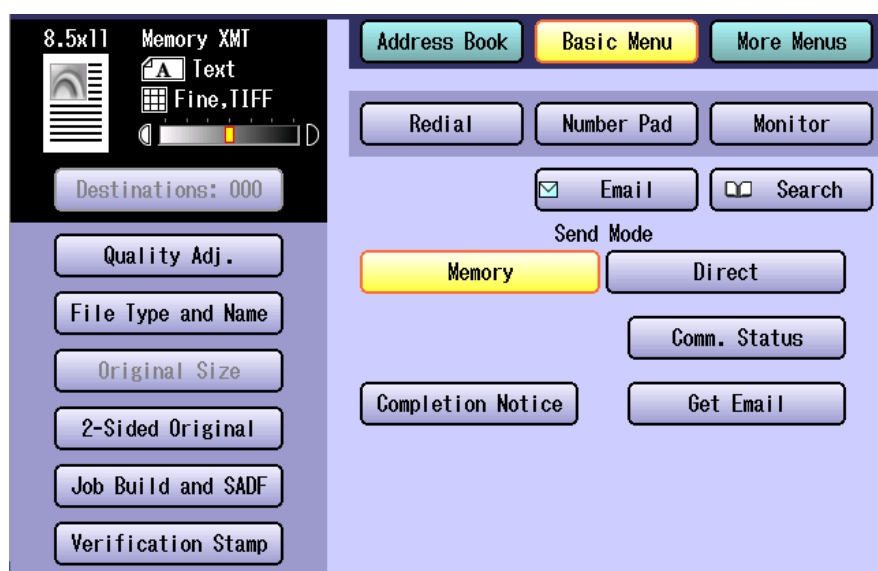
Refer to **Searching for a Destination** (see page 24).

Email Screen



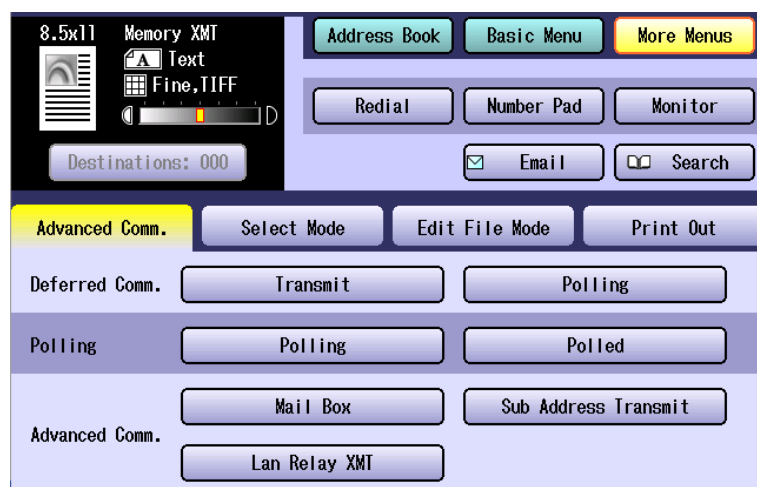
Refer to **Sending an Email Procedure** (see page 114).

Basic Menu Screen



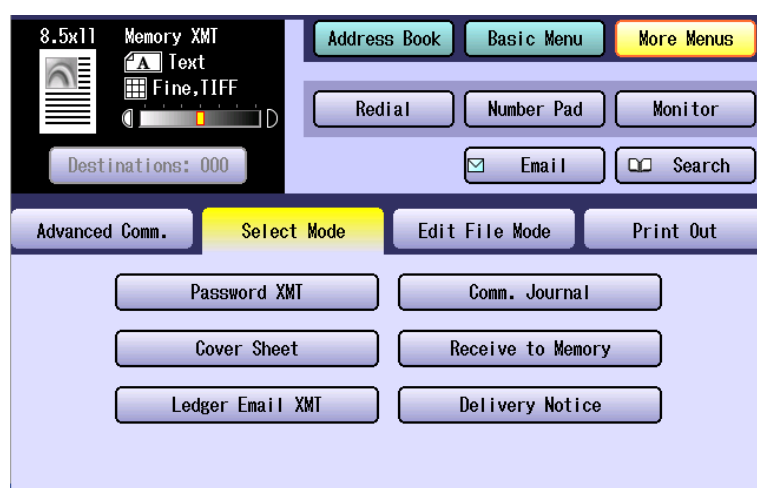
- Quality Adj. (**Setting Original Quality** : See page 34)
- File Type and Name (**Setting a File Type and a File Name** : See page 128)
- Original Size (**Setting the Original Size** : See page 38)
- 2-Sided Original (**Transmitting 2-Sided Originals** : See page 40)
- Job Build and SADF (**Job Build and SADF** : See page 46)
- Verification Stamp (**Verification Stamp** : See page 42)
- Memory (**Transmitting a Document Stored in Memory** : See page 44)
- Direct (**Direct Transmission** : See page 48)
- Comm. Status (**Verifying Communication Status** : See page 50)
- Completion Notice (**Using a Completion Notice** : See page 135)
- Get Email (**Receiving an Email** : See page 136)

More Menus > Advanced Comm. Screen



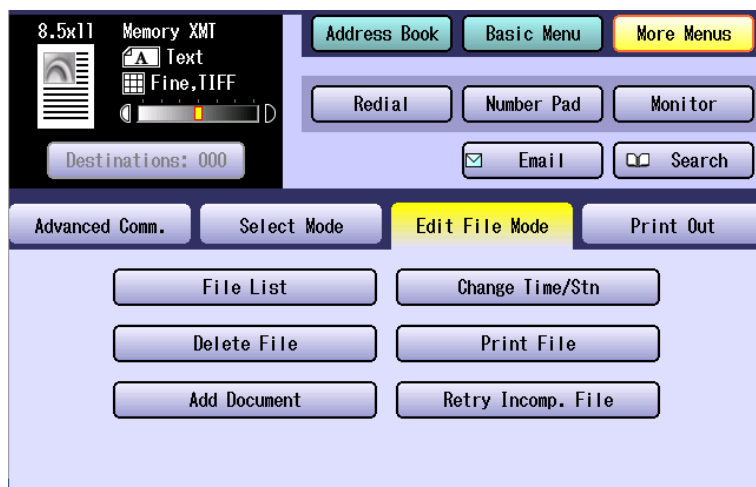
- **Deferred Comm.** Transmit (**Deferred Transmission** : See page 60)
Polling (**Deferred Polling** : See page 62)
- **Polling** Polling (**Polling** : See page 64)
Polled (**Storing Documents to be Polled** : See page 66)
- **Advanced Comm.** Mail Box (**Using a Mailbox (Confidential Communication)** : See page 68)
Sub Address Transmit (**Sub-Address Communication** : See page 76)
Lan Relay XMT (**Relayed Transmission from Internet Fax** : See page 158)

More Menus > Select Mode Screen



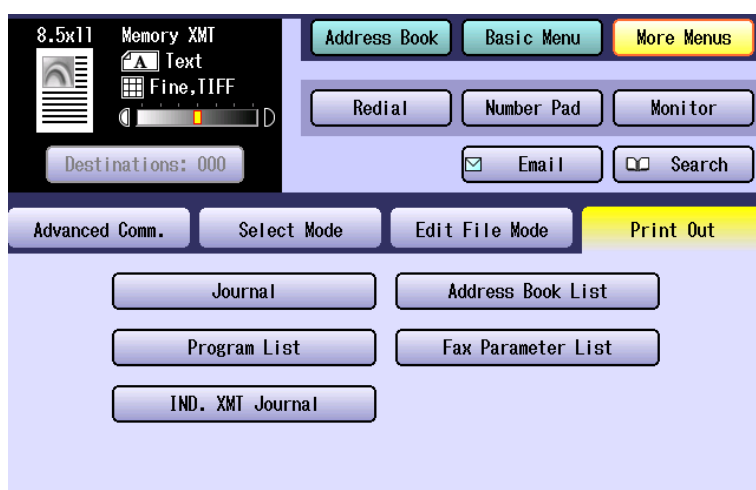
- Password XMT (**Password Transmission** : See page 81)
- Comm. Journal (**Printing Communication Journal** : See page 84)
- Cover Sheet (**Transmitting a Document with a Cover Sheet** : See page 86)
- Receive to Memory (**Receive to Memory** : See page 98)
- Ledger Email XMT (**Emailing a Ledger-Sized Document** : See page 130)
- Delivery Notice (**Setting Message Delivery Notice (MDN)** : See page 132)

More Menus > Edit File Mode Screen



- File List (**Displaying a Communication Reservation File List** : See page 168)
- Change Time/Stn (**Editing Communication Reservations** : See page 170)
- Delete File (**Deleting a Communication Reservation File** : See page 172)
- Print File (**Printing a Communication Reservation File** : See page 173)
- Add Document (**Adding Documents to a Communication Reservation File** : See page 174)
- Retry Incomp. File (**Resending an Incomplete Document** : See page 175)

More Menus > Print Out Screen



- Journal (**Transaction Journal** : See page 197)
- Address Book List (**Address Book List** : See page 204)
- Program List (**Program List** : See page 206)
- Fax Parameter List (**Fax Parameter List** : See page 208)
- IND. XMT Journal (**Individual XMT Journal** : See page 210)

Placing Originals

How to Place Originals

● On the ADF



Original Guides

Adjust the Original Guides to the original's width.

Originals can be set up to the Upper Limit Indicator.



Upper Guide
Upper Limit Indicator

Notice for ADF

Do not use the following type / flawed originals.

- Drawing papers, Transparencies, Labeling paper, Heavy weight papers, Thin Art papers, Film, Thermal papers.
- Papers which are curled, ripped, creased, folded, punched, glued, stapled, or self-adhesive.
- Originals of assorted (mixed) width size.
- Pressure sensitive or carbon backed papers.
- Paper which is still wet with color ink or white-out.

● On the Platen Glass

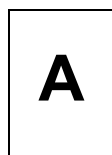
Notice for Platen Glass

Align the original to the top left corner mark (✓).

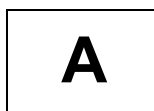
- If the original is not positioned properly, a portion of the original may not be scanned.
- For originals smaller than 5.5" x 8.5" (Invoice) size, position the original within the 5.5" x 8.5" area and select 5.5" x 8.5".

Original Orientation

Ex: 5.5" x 8.5"

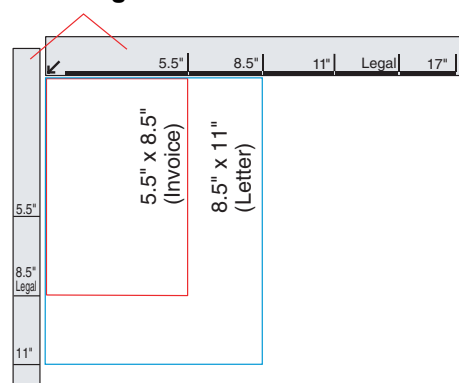


5.5" x 8.5"
(Invoice)

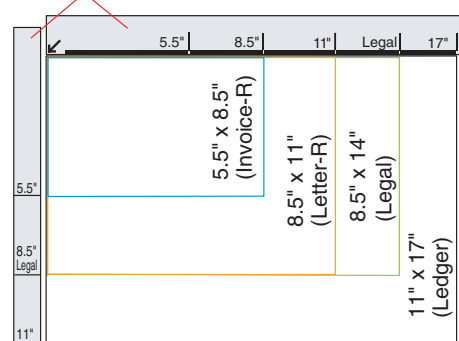


5.5" x 8.5"
(Invoice-R)

For Portrait Orientation Original Guides

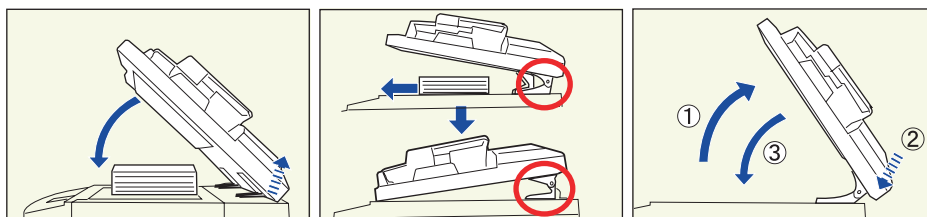


For Landscape Orientation Original Guides



Scanning a thick booklet

- After scanning a thick booklet, open the ADF and verify that the ADF Hinge was returned to original position in order to prevent the rear of the ADF from being raised.



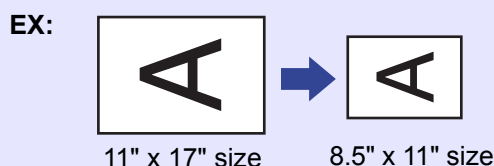
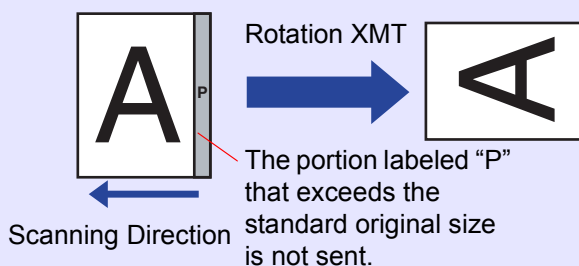
⚠ CAUTION

- When scanning with the ADF open, do not look directly at the exposure lamp. Direct eye exposure can cause eye fatigue or eye injury.
- When scanning a thick original, do not use excessive force to press it against the Platen Glass. The Glass may break and cause injuries.

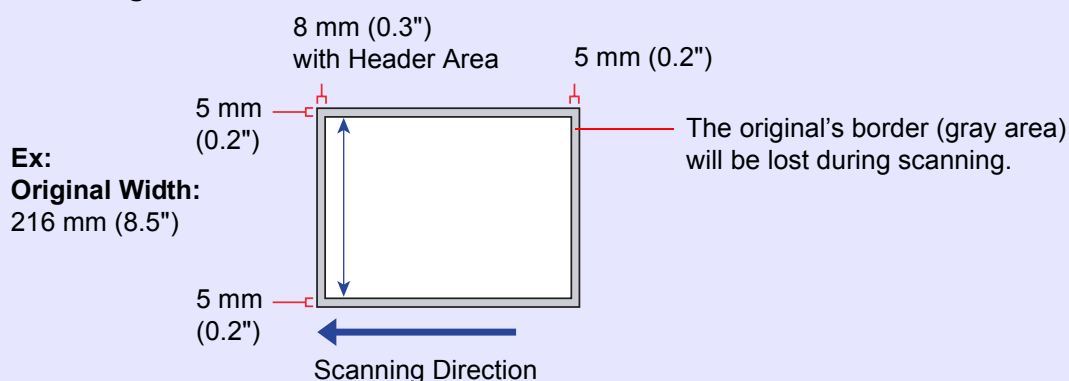
● Sending Non-Standard Size Originals

When transmitting non-standard size original(s), the machine may perform Rotate transmission automatically and not transmit the portion of the original that exceeds the standard size ("P" portion).

- Rotation XMT is not carried out in Monitor Dial transmission.
- When an oversized original is sent to another machine, it may be reduced in accordance with the other party's recording paper size.

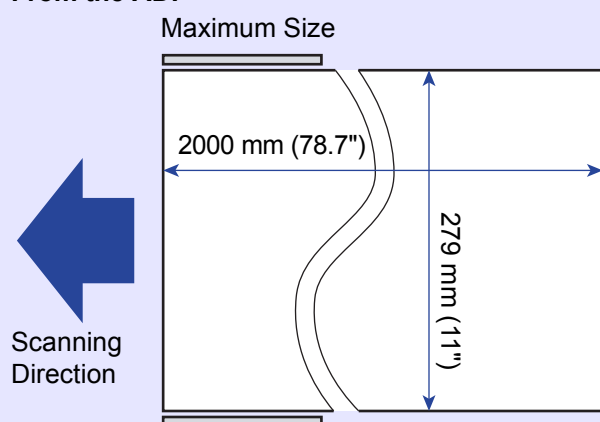


● Scanning Area

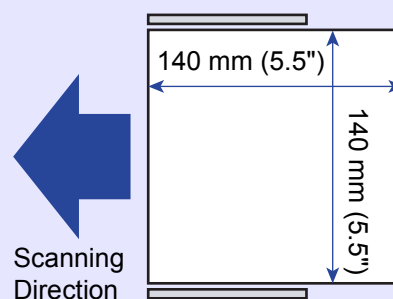


● Original Size

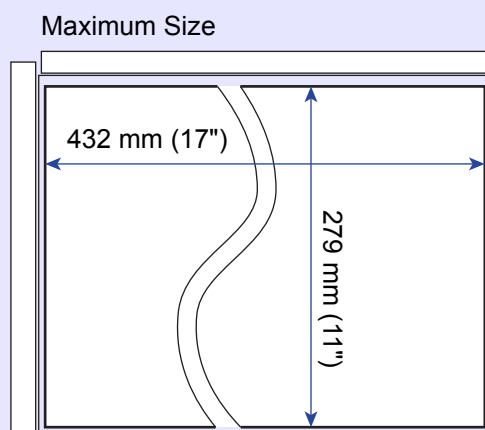
From the ADF



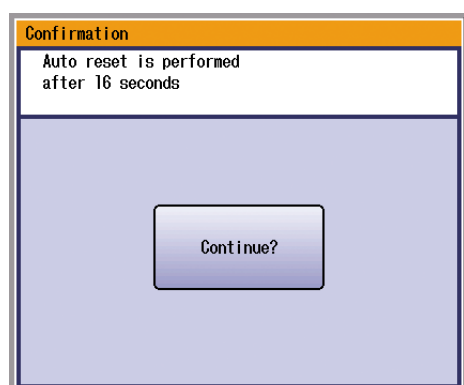
Minimum Size



From the Platen Glass



● For Auto Reset



When the pop-up screen is displayed while setting the address or facsimile mode, select **"Continue?"** on the Touch Panel Display, or press the **Stop** key on the Control Panel.

NOTE

- The initial setting for Auto Reset Time is 1 minute. If you do not touch any key for 1 minute, the Touch Panel Display will be back to the initial screen of the active function automatically. 20 seconds before resetting, the **"Continue?"** screen is displayed to extend the auto reset time for another 1 minute. If you wish to change Auto Reset Time, consult with your Key Operator.

Memo

Fax Transmission Procedure

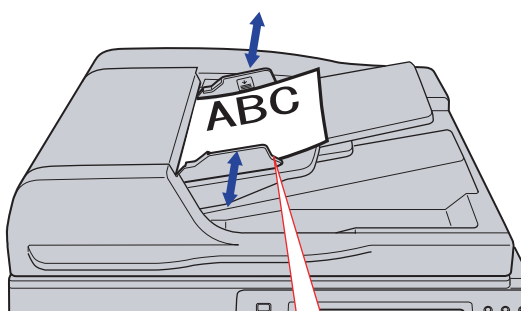
You can send originals via a telephone line by simply entering the fax number using the Keypad or the Address Book.

The basic procedure of transmitting a fax on this machine is as follows.

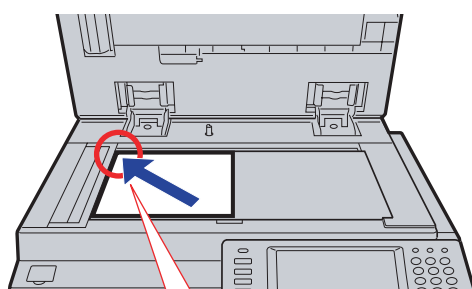
NOTE

- The Facsimile function is available only when the optional G3 Fax Communication Board is installed.

1 Place original(s).



Face up. Up to 100 sheets
(20 lb/Letter)



Face down. Align with the top
left corner. Close ADF.

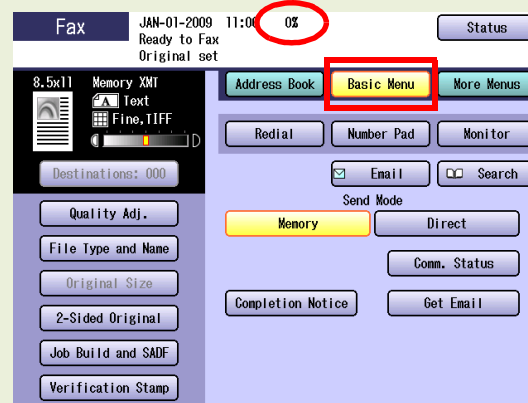
- Refer to **Placing Originals** (see page 14).
- If the available memory is not sufficient, Memory transmission may not be possible. If this happens, use Direct transmission instead. Refer to **Direct Transmission** (see page 48).

2 Press the **Fax** key to open the Fax screen.



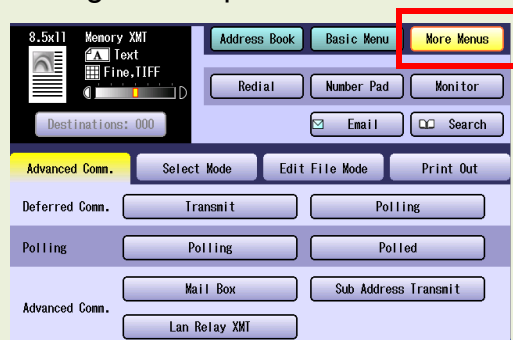
Select "**Basic Menu**" if additional settings are required.

Used memory



- **Setting Original Quality** (see page 34)
- **Setting the Original Size** (see page 38)
- **Transmitting 2-Sided Originals** (see page 40)
- **Job Build and SADF** (see page 46)
- **Verification Stamp** (see page 42)
- **Transmitting a Document Stored in Memory** (see page 44)
- **Direct Transmission** (see page 48)
- **Verifying Communication Status** (see page 50)

Select “**More Menus**” if additional settings are required.



- **Deferred Transmission** (see page 60)

3 Enter the fax number using the Keypad, or select a destination.



or



- Refer to **Entering a Destination** (see page 20).
- The Address Book is available only when destinations are registered (see page 177).

4 Press the **Start** key.



The original(s) are stored into memory with a file number. Then starts dialing the telephone number.

NOTE

- The scanned data is sent in black and white (Gray scale).
- For instructions on how to cancel a transmission, refer to **Canceling a Communication** (see page 56).
- When sending from the Platen Glass, place the next original and follow the instructions displayed on the Touch Panel Display.
- A communication journal is printed if the transmission fails (**Ex:** Remote station is busy).
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.
- If the line is busy, the number is automatically redialed. The call waiting message appears on the display while auto-dialing.
- To print the transaction journal, refer to **Transaction Journal** (see page 197).

Entering a Destination

Stations can be entered by using the following methods or a combination of these:

- Manual Dialing** Enter the telephone number directly. (See below)
- Using the Address Book** Use the pre-programmed Address Book.
 - Use a Key Name (See page 22)
 - Select from “Favorites” (See page 22)
 - Use Group Dialing (See page 23)
- Searching for a Destination** Search the Address Book or the Global directory service (LDAP).
 - Search through the Address Book (Local Search) (See page 24)
 - Search through the LDAP Server (LDAP Search) (See page 25)
- Redialing** Use the last dialed remote station. (See page 27)

Manual Dialing

To enter a destination telephone number, follow the steps below.

NOTE

- This function is not available when the Function Parameter “**136 Restrict Direct Dial**” (Fax/Email Settings > Fax Parameters) is set to “**Valid**”.

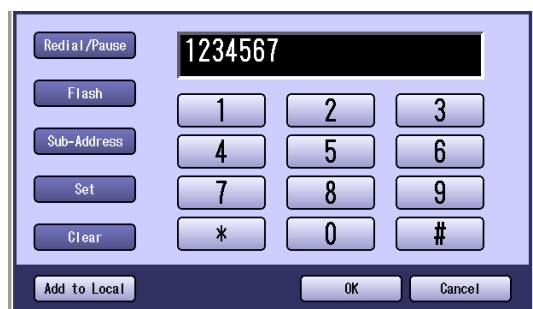
- 1** Follow the step 1 and 2 on page 18.
- 2** Enter the fax number using the Keypad.



The Number Pad screen opens automatically.

- Telephone number field is limited to 36 digits in length.
- For transmission to additional destinations, enter their fax numbers, and then select “**Set**” after each destination. When you finish entering the last destination’s fax number, select “**OK**”. (Do not select “**Set**” at this time.)
- When the Function Parameter “**137 Re-enter Direct Dial**” (Fax/Email Settings > Fax Parameters) is set to “**Valid**”, enter the fax number twice for manual dialing. For more details, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- To confirm the destinations, select “**Destinations: ###**” on the upper left corner of the screen.
- If you make a mistake, select “**Clear**” to delete entries one digit at a time.
- Fax number entry is also possible from the “**Number Pad**” in the Address Book screen, instead of the Control Panel Keypad.

❑ Number Pad Screen



Redial/Pause	Inserts a pause each time it is selected. The pause is represented by a “-” symbol.
Flash	Used to access some features of your PBX.
Sub-Address	Select when entering a sub-address number. The sub-address is represented by an “s” symbol.
Set	Select when entering additional destinations. ● Do not select “Set” for a single destination.
Clear	Select “Clear” to delete an erroneous entry, one digit at a time.

❑ Using “Redial/Pause”

- If you are using a PBX, enter the external access number first, and then select “Redial/Pause” before entering the fax number.

Ex:

Enter 9 for the outside access number, select “Redial/Pause”, and then enter the fax number.

9 – 5551234

↑
Pause symbol

❑ Using “*”

- A “/” symbol appears when the dialing method is changed from “Pulse” to “Tone”.
- The standard setting for “06 Dialing Method” is “Tone”.

Ex:

After entering 9, select “*” to switch to Tone dialing.

9 / 5551234

↑
Tone symbol

❑ Using “Sub-Address”

- Select “Sub-Address” to enter a sub-address destination after the fax number. Refer to **Sub-Address Communication** (see page 76).

Ex:

After entering 4, select “Sub-Address”, and then enter the Sub-address.

5551234s1234

↑
Sub-address symbol

3 Press the **Start** key.

The original(s) are stored into memory with a file number. Then starts dialing the telephone number.

Using the Address Book

■ Use a Key Name

If a destination is registered in the Address Book, it can be selected by using a Key Name.

ATTENTION

- The fax numbers must be pre-programmed into the Address Book. Refer to **Adding a Fax Number into the Address Book** (see page 177).

- 1 Follow the step 1 and 2 on page 18.
- 2 Select the Key Name tab.



- 3 Select the desired destination.



- To cancel a choice, select the same destination again.
- To enter additional destinations, repeat steps 2 and 3.
- To confirm the destinations, select **"Destinations: ###"** on the upper left corner of the screen.

- 4 Press the **Start** key.

The original(s) are stored into memory with a file number. Then starts dialing the telephone number.

■ Select from "Favorites"

If a destination is registered as a Favorite in the Address Book, it can be selected using the **"Favorites"** tab.

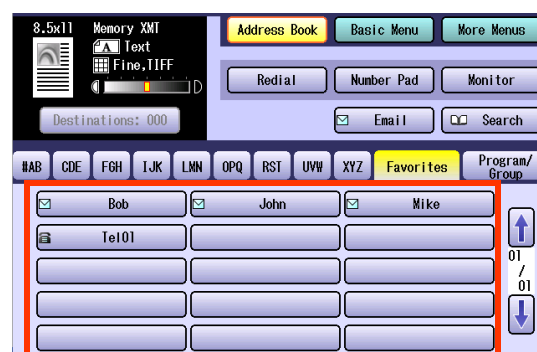
ATTENTION

- The fax numbers must be pre-programmed into the Address Book. Refer to **Adding a Fax Number into the Address Book** (see page 177).

- 1 Follow the step 1 and 2 on page 18.
- 2 Select **"Favorites"** to display the Favorites screen.



- 3 Select the desired destination.



- To cancel a choice, select the same destination again.
- For transmission to additional destinations, press the relevant keys.
- To confirm the destinations, select **"Destinations: ###"** on the upper left corner of the screen.

- 4 Press the **Start** key.

The original(s) are stored into memory with a file number. Then starts dialing the telephone number.

■ Use Group Dialing

For transmission to multiple destinations using group dialing, follow the steps below.

ATTENTION

- The group dialing button must be pre-programmed. Refer to **Setting for Group Dialing** (see page 189).

1 Follow the step 1 and 2 on page 18.

2 Select “**Program/Group**”.



3 Select the button for the desired destination group.



- To cancel a choice, select the same destination again.
- To confirm the destinations, select “**Destinations: ###**” on the upper left corner of the screen.

4 Press the **Start** key.

The original(s) are stored into memory with a file number. Then starts dialing the telephone number.

Searching for a Destination

Search through the Address Book (Local Search)

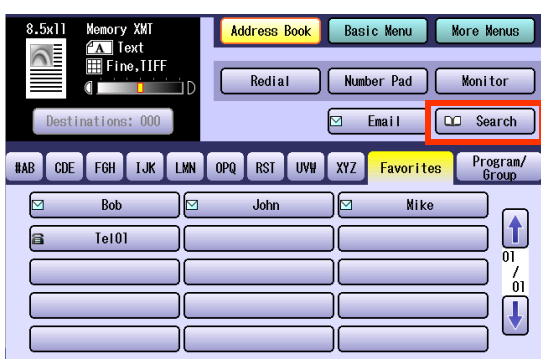
Select **Search** to look through the Address Book for the desired destination by the entry name.

NOTE

- Select **Global** to search fax numbers or Email addresses in the LDAP server (see page 25).

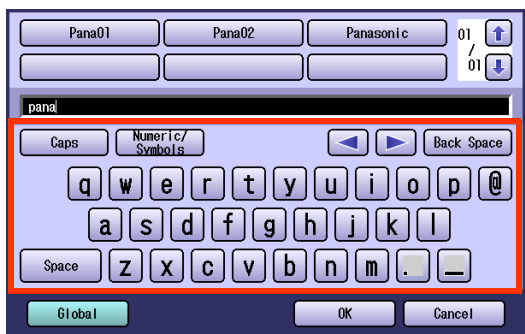
1 Follow the step 1 and 2 on page 18.

2 Select **Search**.



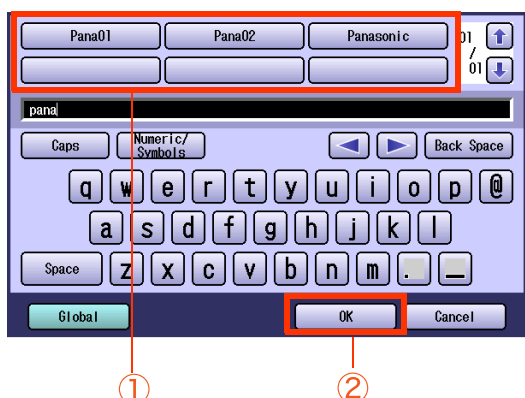
3 Enter the first few letters of the Key Name you are searching for.

The search result appears.



- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

4 Select a destination, and then select **OK**.



- Select or to scroll the search results.
- Multiple destinations cannot be selected at a time.

5 Press the **Start** key.

The original(s) are stored into memory with a file number. Then starts dialing the telephone number.

■ Search through the LDAP Server (LDAP Search)

LDAP search is a feature that searches through the Address Book of an LDAP server on the network for fax numbers or Email addresses.

Select **“Global”** on the displayed screen to use the LDAP Search feature.

Contact your network administrator to check whether the LDAP Search feature is available in your particular environment.

NOTE

- An LDAP server must be configured before using the LDAP search function. For more details, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

1 Follow the step 1 and 2 on page 18.

2 Select **“Search”**.

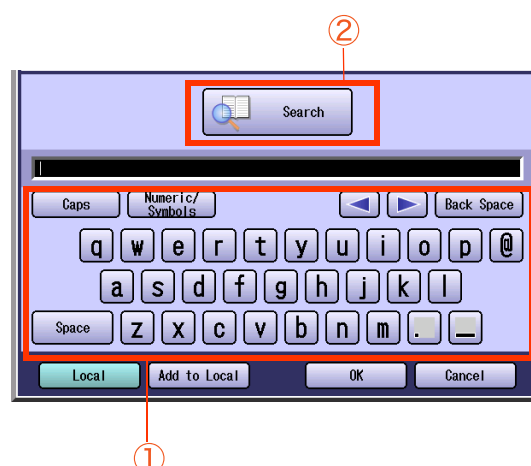


3 Select **“Global”**.



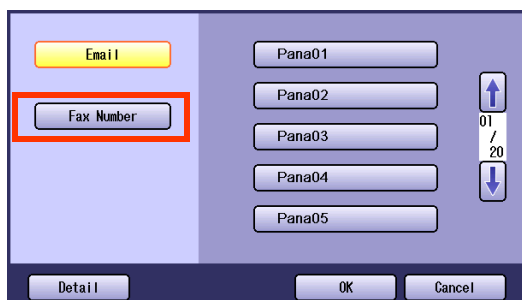
4 Enter a search letter, and then select **“Search”**.

The search result appears.

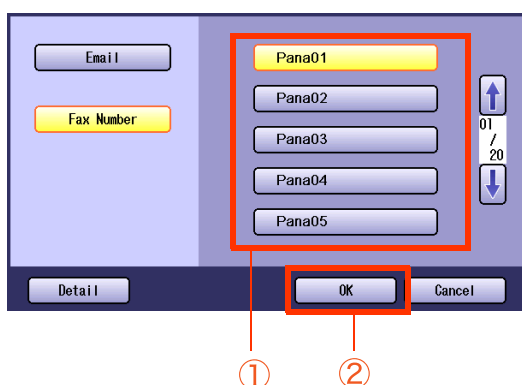




- You can search for station names, Email addresses, and fax numbers.
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- A message appears if there are more than 100 matches.
Select **“Yes”** to search by a more detailed keyword.
Select **“No”** to continue the search.
- Select **“Local”** to exit the LDAP search screen.
- A message appears if an error occurs while searching.

- 5 Select **"Fax Number"** to display a list of destinations.



- 6 Select a destination, and then select **"OK"**.



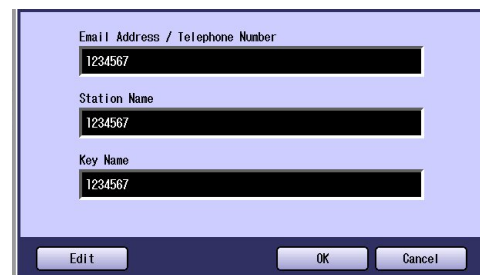
- Only one destination can be selected.
- You can change the entry screen by selecting **"Email"** or **"Fax Number"**.
- Select  or  to scroll the search results.
- Select **"Detail"** to open the more detailed information screen.



Select **"Close"** to exit the detailed information screen.

- To cancel a search operation, select **"Cancel"**.

- To add the found destination to the Address Book, select **"Add to Local"** on the LDAP search screen, enter an entry name, and then select **"OK"**. (If you are using a PBX, you need to register a telephone number with the dial prefix.)



- 7 Select **"OK"**, and then press the **Start** key.

Redialing

To redial the most recently dialed number, follow the steps below.

NOTE

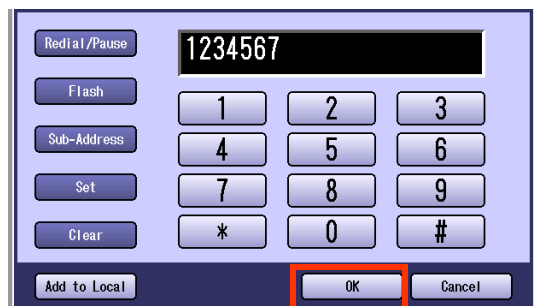
- The “**Redial**” button cannot be used when the Function Parameter “**136 Restrict Direct Dial**” (Fax/Email Settings > Fax Parameters) is set to “**Valid**”.

1 Follow the step 1 and 2 on page 18.

2 Select “**Redial**”.



3 Confirm that this is the fax number that you want to send to, and then select “**OK**”.



- When the Function Parameter “**137 Re-enter Direct Dial**” (Fax/Email Settings > Fax Parameters) is set to “**Valid**”, a message appears on the Number Pad screen prompting to re-enter the fax number for confirmation.

4 Press the **Start** key.

The original(s) are stored into memory with a file number. Then starts dialing the telephone number.

Preventing Accidental Transmission to Multiple Destinations

This function can prevent accidental transmission of documents to multiple destinations. It is useful when sending documents to a single destination.

Setting the Function Parameter “**117 Multi Station (HOME)**” (Fax/Email Settings > Fax Parameters) to “**Off**” or “**Invalid**” can prevent accidental transmission of documents to multiple destinations.

When “**117 Multi Station (HOME)**” is set to “**Off**”, the “**Multi Station**” button is displayed on the Touch Panel Display.



NOTE

- For instructions on how to set the Function Parameter “**117 Multi Station (HOME)**” to “**Off**” or “**Invalid**”, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- An error message appears if you select multiple destinations when the “**Multi Station**” button is displayed in blue or the Function Parameter “**117 Multi Station (HOME)**” is set to “**Invalid**”.

Temporarily Enabling Transmission to Multiple Destinations

Even when the Function Parameter “**117 Multi Station (HOME)**” (Fax/Email Settings > Fax Parameters) is set to “**Off**”, the transmission to multiple destinations can be enabled temporarily.

1 Select “Multi Station”.



The “**Multi Station**” button changes to yellow, and the document can be sent to multiple destinations.



Confirming the Destination

■ Confirming the Destination

You can confirm the entered destinations.

- 1 Select **"Destinations: ###"**.
(###: Number of selected addresses)



- 2 Select the desired field button, and confirm destinations.



- To add a destination, select **"OK"**, and then select the desired destination.
- To delete a destination, select a destination, and then select **"Delete"** and **"Yes"**.
- Only Email addresses entered directly as a destination can be edited using the onscreen Keyboard.

- 3 Select **"OK"**.

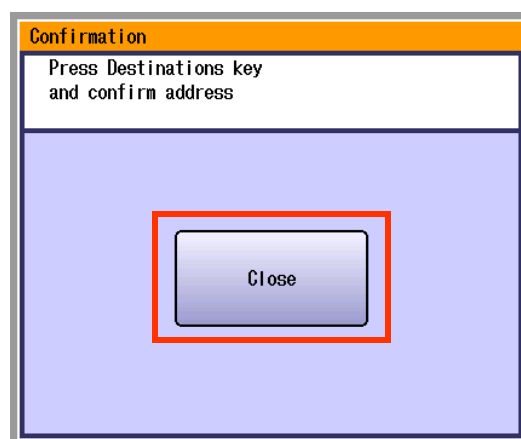
■ When Confirmation of the Destinations is Always Required

When the Function Parameter **"125 Confirm Stations"** (Fax/Email Settings > Fax Parameters) is set, a message prompting the confirmation of destinations appears if the **Start** key is pressed before the destinations are confirmed.

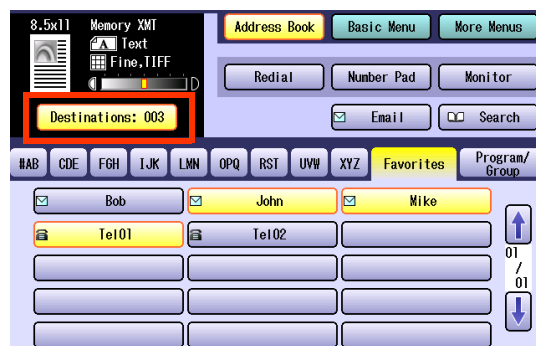
NOTE

- For instructions on how to set the Function Parameter **"125 Confirm Stations"**, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

- 1 When the message appears, select **"Close"**.



- 2 Select **"Destinations: ###"**.
(###: Number of selected addresses)



- 3** Select the desired field button, and confirm destinations.



- To add a destination, select **"OK"**, and then select the desired destination. Select **"Destinations: ###"** to confirm the destinations again.
- To delete a destination, select a destination, and then select **"Delete"** and **"Yes"**.

- 4** Select **"OK"**, and then press the **Start** key.

- The original(s) are stored into memory with a file number. Then the Fax transmission starts.

Memo

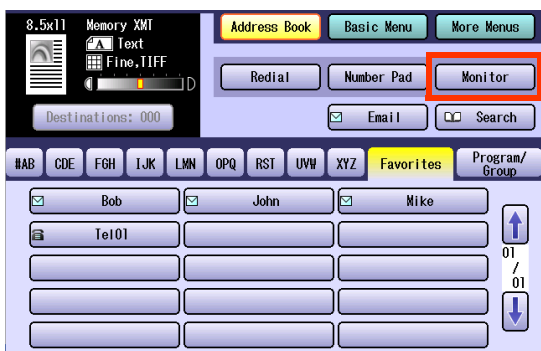
Transmission with Destination Monitoring

Select **“Monitor”** on the Touch Panel Display to obtain a dial tone. This feature is called “On-hook dialing”. To monitor the status of a remote station, follow the steps below.

NOTE

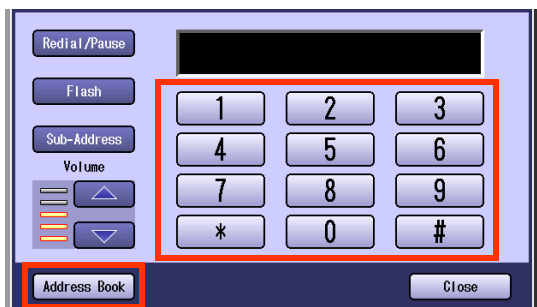
- This function is not available when the Function Parameter **“137 Re-enter Direct Dial”** (Fax/Email Settings > Fax Parameters) is set to **“Valid”**.

- 1 Place original(s).
 - If the Platen Glass is used, only one page can be transmitted at a time.
 - Refer to **Placing Originals** (see page 14).
- 2 Press the **Fax** key.
- 3 Select **“Monitor”**.






The Monitor screen appears, and you will hear a dialing tone through the monitor speaker.

- 4 Enter the fax number of the destination.



- When the Function Parameter **“136 Restrict Direct Dial”** is set to **“Valid”**, manual input of fax numbers is not available. Select a destination from the **“Address Book”**.

	Raises the monitor volume.
	Lowest the monitor volume.
	Select once to recall the last dialed fax number. Select twice to insert a pause (dialing interval).

- 5 When you hear a beep, press the **Start** key.
 - For instructions on how to cancel a transmission, refer to **Canceling a Communication** (see page 56).
 - Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Talking to the Remote Party Before Transmission

If an external telephone is connected to your machine, you can send a fax after talking to the remote party on the phone. Follow the steps below.

- 1** Place original(s).
 - If the Platen Glass is used, only one page can be transmitted at a time.
 - Refer to **Placing Originals** (see page 14).
- 2** Press the **Fax** key.
- 3** Lift the handset of the external telephone.
- 4** Dial the telephone number.
- 5** Talk to the remote party, and then tell the other party to get ready for receiving fax.
- 6** When a beep is heard, press the **Start** key, and then place the handset back on the cradle.

Transmission starts.

 - For instructions on how to cancel a transmission, refer to **Canceling a Communication** (see page 56).

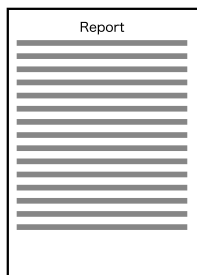
Setting Original Quality

■ Original Type

Original type can be specified to suit your needs. You can select from text-only original, photo-only original, or original in which text and photos are mixed.

Select **“Text/Photo”** when text and photos are mixed on a single page or are mixed on multiple pages to be sent.

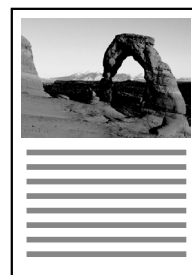
Text



Photo

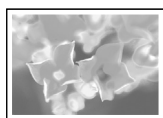


Text/Photo

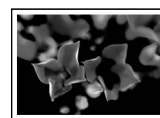
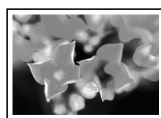


■ Density

Adjust the density according to your requirements.



Lighter



Darker

■ Resolution

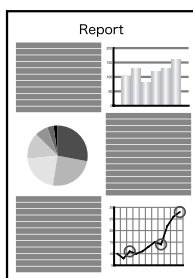
Adjust the resolution according to your requirements.

Ordinary original



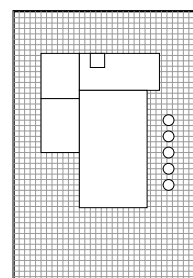
Std

Original containing small characters or graphics



Fine

Original containing detailed drawings or text



Fine, S-Fine,
or 600dpi

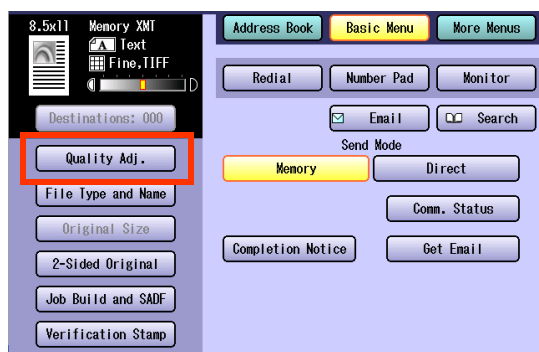
NOTE

- The standard setting can be changed by setting the Function Parameters **“03 Original (HOME)”**, **“01 Density (HOME)”**, and **“02 Resolution (HOME)”** (Fax/Email Settings > Fax Parameters). For instructions on how to change the setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

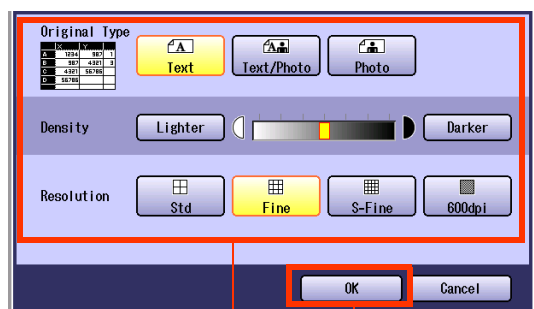
- 1 Place original(s).
 - Refer to **Placing Originals** (see page 14).
- 2 Press the **Fax** key.
- 3 Select **"Basic Menu"**.






- 4 Select **"Quality Adj."**.



- 5 Adjust the original quality, and then select **"OK"**.





☐ Original Type





	Select for text-only originals.
	Select for originals in which text and photos are mixed.
	Select for photo-only originals.

- If a photo original is scanned in the **"Text"** mode, the scanned image can be indistinguishable in the halftone area.
- When **"Text/Photo"** or **"Photo"** is selected, you cannot select the **"Std"** Resolution setting.

☐ Density

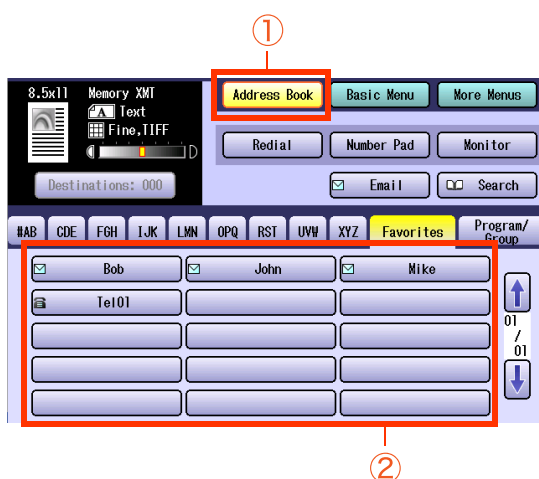
	Each time it is selected, the density level is decreased, brightening the printed color.
	Each time it is selected, the density level is increased, darkening the printed color.

Resolution

	Select for ordinary originals.
	Select for originals containing small characters or graphics.
	Select for fine originals containing detailed drawings or text.
	

- The finer an original to be scanned, the more information needs to be transmitted, thus, requiring a longer communication time.
- If “S-Fine” or “600dpi” is selected, and the receiving station does not support these resolutions, originals will be transmitted with resolution of the receiver’s capability.

6 Select “Address Book”, and then select a destination.



- Refer to **Entering a Destination** (see page 20).

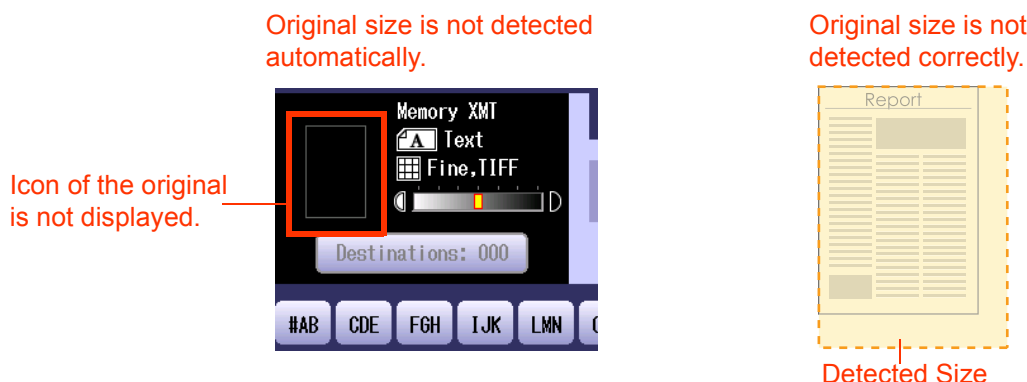
7 Press the **Start** key.

The original(s) are stored into memory with a file number. Then starts dialing the telephone number.

Memo

Setting the Original Size

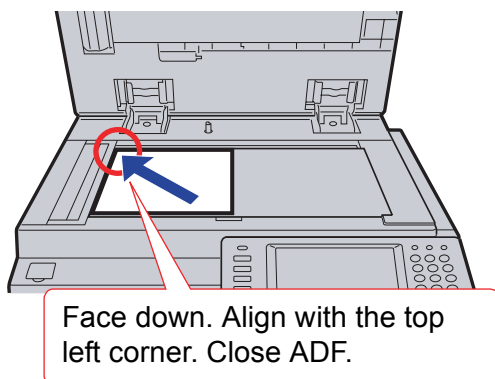
The original's size is usually detected automatically when an original is placed on the Platen Glass. If the size is not detected automatically, or you would like to change the detected size, you can set the Original Size manually by following the procedure below.



NOTE

- This feature is not available when the original is loaded on the ADF.

1 Place an original on the Platen Glass.



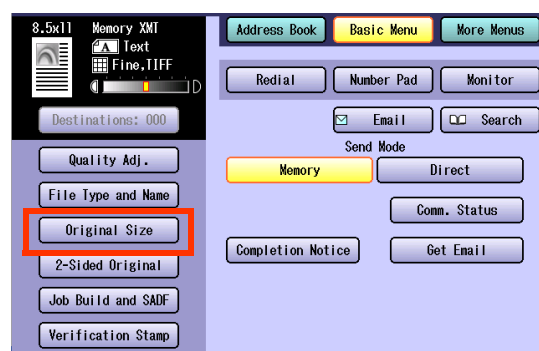
- Refer to **Placing Originals** (see page 14).

2 Press the **Fax** key.







3 Select "**Basic Menu**".



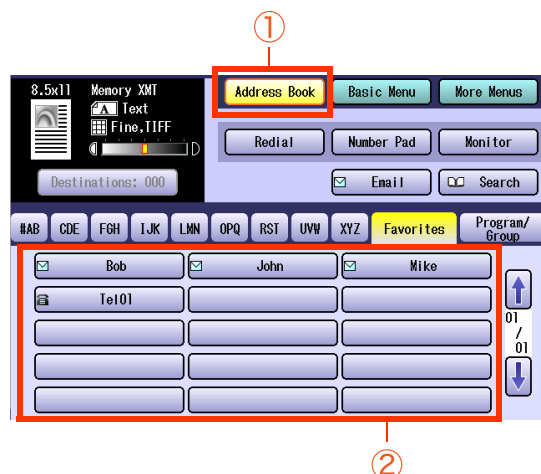
4 Select "**Original Size**".



- 5** Select the Original Size, and then select “OK”.

11x17 	LEDGER
Legal 	LEGAL
8.5x11 	LETTER
8.5x11 	LETTER-R
5.5x8.5 	INVOICE
5.5x8.5 	INVOICE-R

- 6** Set “Quality Adj.” as required.
- Refer to **Setting Original Quality** (see page 34).
- 7** Select “Address Book”, and then select a destination.



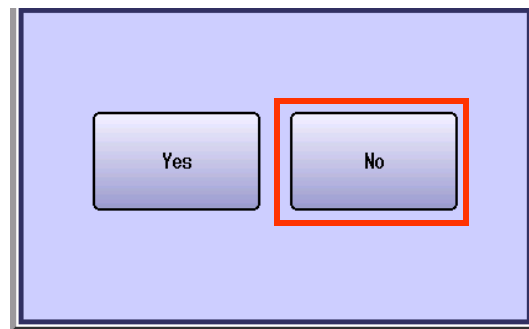
- Refer to **Entering a Destination** (see page 20).

- 8** Press the **Start** key.

The original(s) are stored into memory with a file number.

NOTE

- The Confirmation screen appears each time an original is scanned.
- When the last original is scanned, select “No” to start transmission.



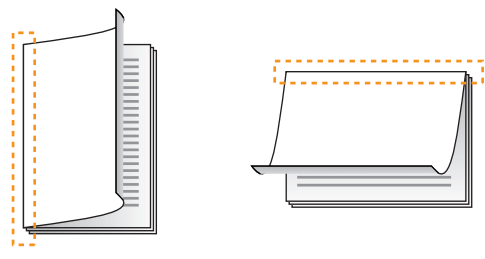
Transmitting 2-Sided Originals

2-sided originals loaded in the ADF are scanned automatically with a specified binding edge position, and transmitted.

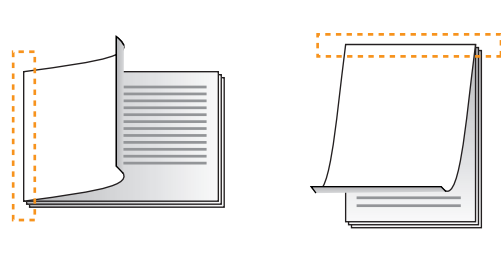
Two binding edge selections are available:

- Long Edge: 2-sided scanning is aligned to the long edge of the original.
- Short Edge: 2-sided scanning is aligned to the short edge of the original.

Long Edge



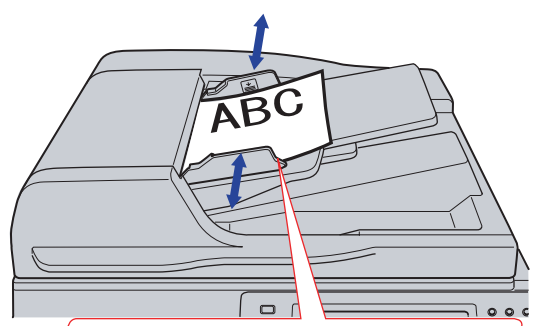
Short Edge



NOTE

- This feature works only when originals are loaded in the ADF.
- The Verification Stamp feature does not work when 2-Sided scanning is selected.

1 Place original(s) on the ADF.

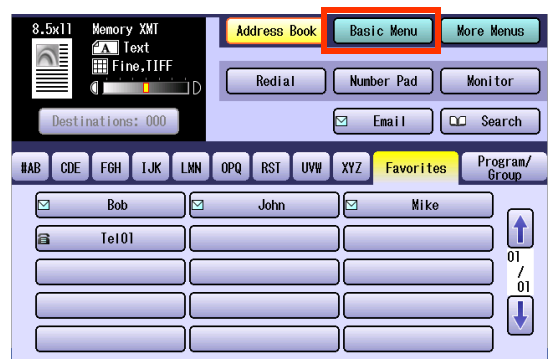


Face up. Up to 100 sheets
(20 lb/Letter)

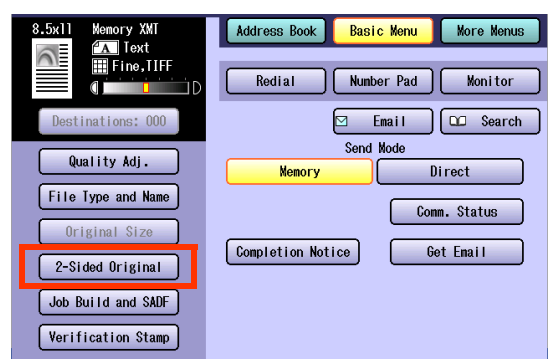
- Refer to **Placing Originals** (see page 14).

2 Press the **Fax** key.

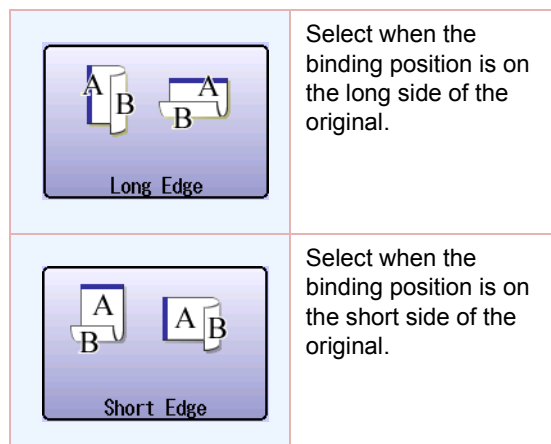
3 Select “**Basic Menu**”.



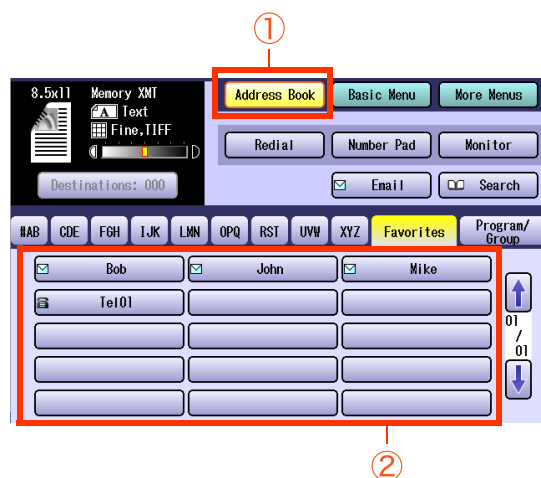
4 Select “**2-Sided Original**”.



- 5 Select a binding position, and then select “OK”.



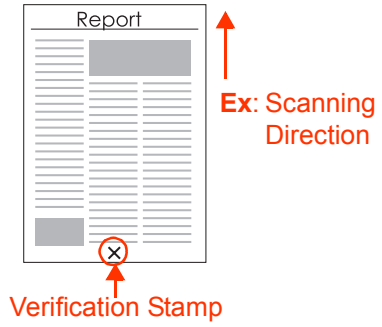
- 6 Set “Quality Adj.” as required.
 - Refer to **Setting Original Quality** (see page 34).
- 7 Select “Address Book”, and then select a destination.



- Refer to **Entering a Destination** (see page 20).
- 8 Press the **Start** key.
- The original(s) are stored into memory with a file number. Then starts dialing the telephone number.

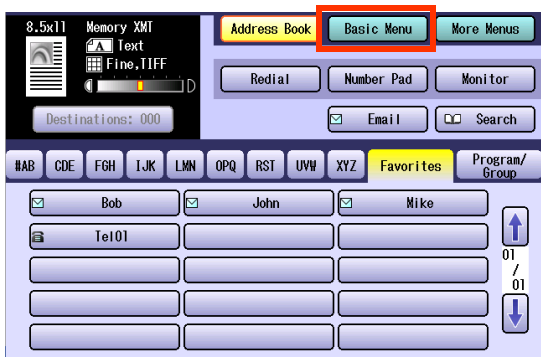
Verification Stamp

This function confirms successful transmission or storage into the memory by stamping at the bottom of each successfully transmitted original(s) with a small “x” mark.

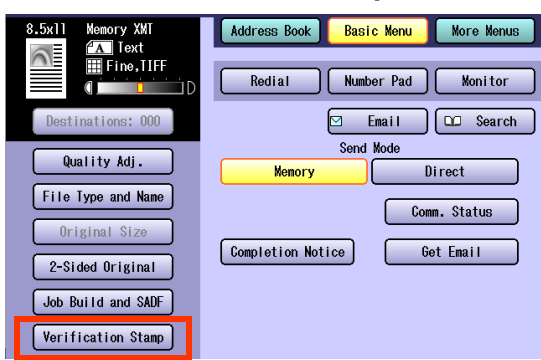


- NOTE**
- The scanned document(s) are stamped after feeding through the ADF.
 - The standard setting of the Verification Stamp is “Off”. The stamp setting can be changed with the Function Parameter “04 Stamp (HOME)” (Fax/Email Settings > Fax Parameters). For instructions on how to change the standard setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
 - The machine can be configured not to stamp the documents stored in the memory by changing the setting of the Function Parameter “28 Stamp at Memory XMT” (Fax/Email Settings > Fax Parameters). For instructions on how to configure the verification stamp, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
 - The Verification Stamp function is available when scanning documents with the ADF.
- ATTENTION**
- Because the verification stamp cannot be deleted, be careful not to use the verification stamp when transmitting important document(s).

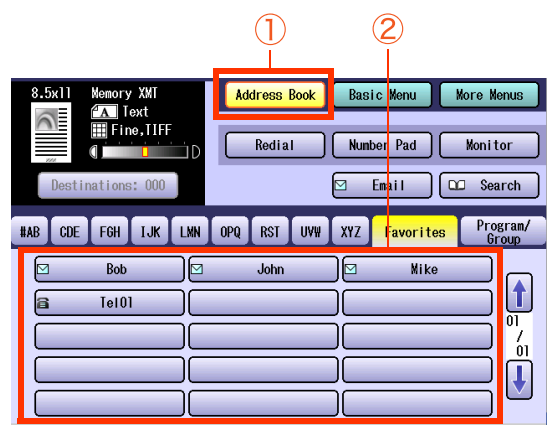
- 1 Place original(s) on the ADF.
 - Refer to **Placing Originals** (see page 14).
- 2 Press the **Fax** key.
- 3 Select “**Basic Menu**”.



- 4 Select “**Verification Stamp**”.



- 5 Set “**Quality Adj.**” as required.
 - Refer to **Setting Original Quality** (see page 34).
- 6 Select “**Address Book**”, and then select a destination.



- Refer to **Entering a Destination** (see page 20).
- 7 Press the **Start** key.
- The original(s) are stored into memory with a file number. Then starts dialing the telephone number.
- The setting of the “**Verification Stamp**” is returned to Off after the transmission is completed.

Memo

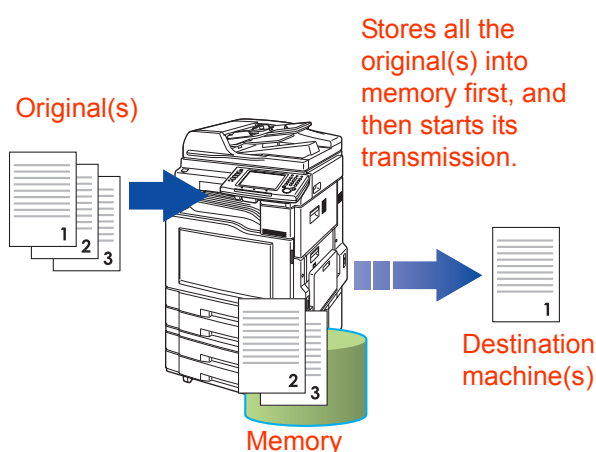
Transmitting a Document Stored in Memory

Documents can be quickly scanned and stored in the memory before transmission.

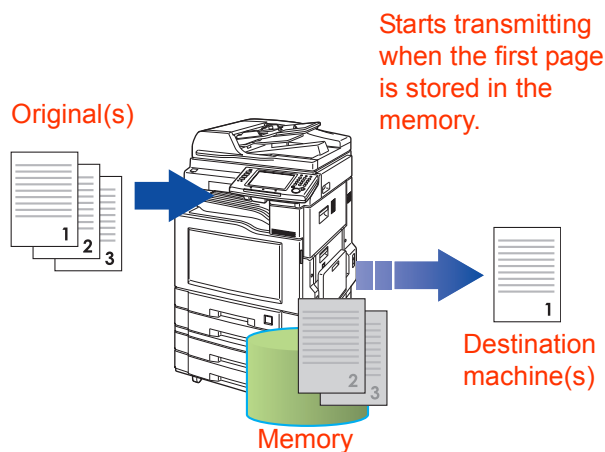
This feature allows you to send the documents to multiple destinations without having to scan the same documents over again. It also allows you to retrieve your original(s) immediately without having to wait for the Fax transmission to complete.

In addition to the Memory transmission, the machine supports the Direct transmission feature. In Direct transmission, a document is transmitted without storing it into the memory.

Memory Transmission



Quick Memory Transmission



NOTE

- If the memory overflows while original(s) are being scanned for transmission to a single destination, the machine will operate in the following manner:
 - ❑ If the Quick Memory Transmission feature is set to **"Valid"** in Function Parameters
The document is transmitted up to the portion that was stored into the memory.
 - ❑ If the Quick Memory Transmission feature is set to **"Invalid"** in Function Parameters
The document is transmitted up to the portion that was stored in the memory, and then switches to Direct transmission and transmits the remaining original(s) in the ADF during the same phone call.
- If the memory overflows while original(s) are being scanned for transmission to multiple destinations, a message appears asking whether to transmit the successfully stored documents in memory or to cancel the transmission. Select **"Yes"** to start transmitting, or **"No"** to cancel. If no action is taken within 10 seconds, the machine will start transmitting the stored documents.
- The transmission of a document terminates if memory overflows when the first page is transmitted.
- The standard setting of Memory transmission is **"On"** and it can be changed with the Function Parameter **"05 Memory (HOME)"** (Fax/Email Settings > Fax Parameters). For instructions on how to change the standard setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- The Function Parameter **"82 Quick Memory XMT"** (Fax/Email Settings > Fax Parameters) can be configured to start transmitting a document when the first page is stored. This transmission mode is called "Quick Memory Transmission". The standard setting of Quick Memory transmission is **"Valid"**. For instructions on how to change the standard setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- Your machine is preset to transmit all documents from memory.

To send documents using Memory transmission, follow the steps below. (This is an example when the Direct transmission is set as default in the Function Parameters.)

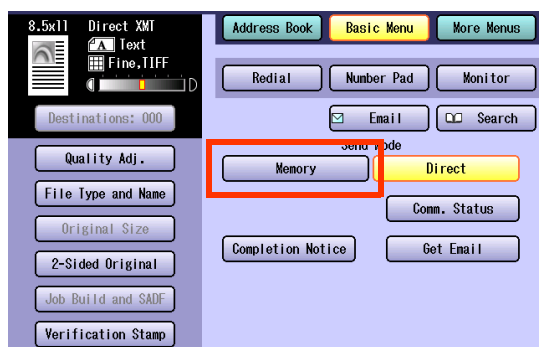
- 1 Place original(s).
 - Refer to **Placing Originals** (see page 14).

- 2 Press the **Fax** key.

- 3 Select **"Basic Menu"**.



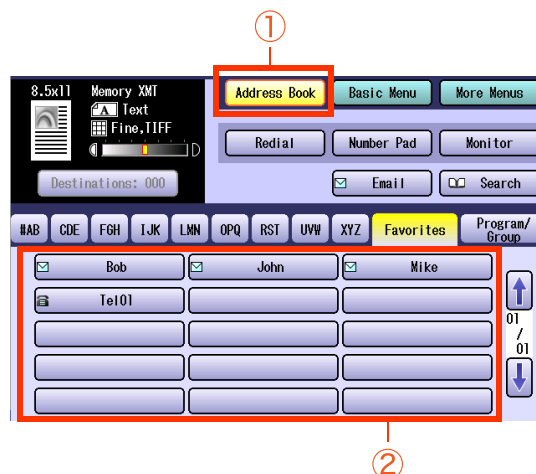
- 4 Select **"Memory"**.



- 5 Set **"Quality Adj."** as required.

- Refer to **Setting Original Quality** (see page 34).

- 6 Select **"Address Book"**, and then select a destination.



- Refer to **Entering a Destination** (see page 20).

- 7 Press the **Start** key.

The original(s) are stored into memory with a file number. Then starts dialing the telephone number.

- For instructions on how to cancel a transmission, refer to **Canceling a Communication** (see page 56).

Job Build and SADF

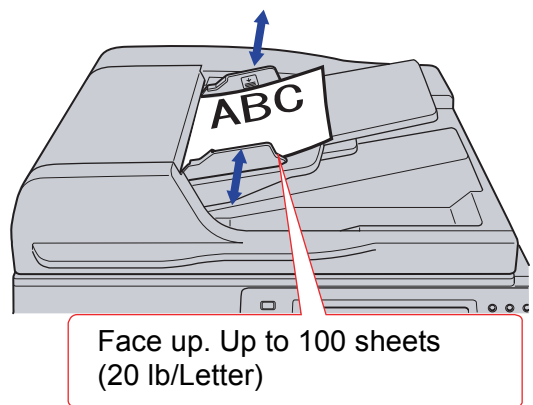
The Job Build and SADF setting enables to scan sets of originals that exceed the maximum capacity of ADF. Special originals (thin paper, etc.) can be fed from the ADF for Memory transmission.

This function is available when “**Job Build and SADF**” is selected in the “**Basic Menu**”.

NOTE

- The standard setting of “**133 Job Build and SADF Mode**” is set to “**No**”. For instructions on how to change the standard setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- This function is available when the Function Parameter “**05 Memory (HOME)**” (Fax/Email Settings > Fax Parameters) is set to “**On**”.
- The Function Parameter “**82 Quick Memory XMT**” (Fax/Email Settings > Fax Parameters) is not available for this function.
- Up to 255 pages can be stored. When the number of pages exceeds 255, the memory overfull message will be displayed. Select “**Yes**” to start transmitting, or “**No**” to cancel.
If no action is taken within 5 seconds, the machine will start transmitting the stored originals.

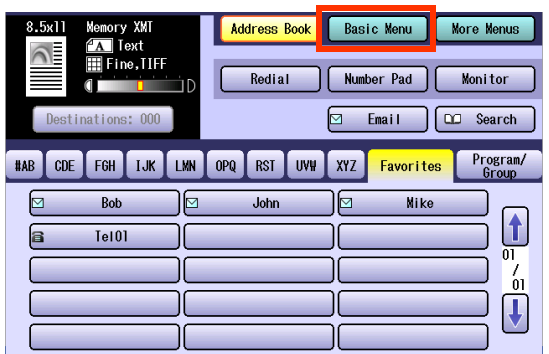
1 Place original(s).



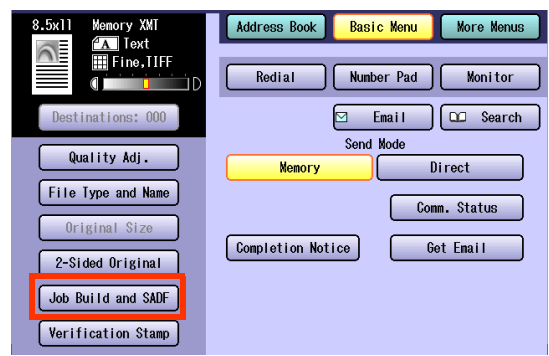
- Refer to **Placing Originals** (see page 14).

2 Press the **Fax** key.

3 Select “**Basic Menu**”.



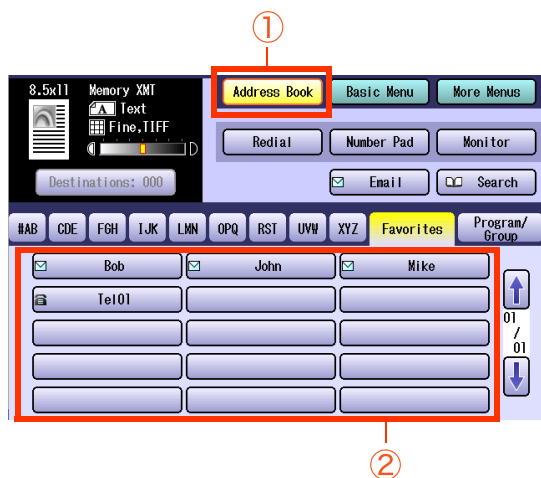
4 Select “**Job Build and SADF**”.



5 Set “**Quality Adj.**” as required.

- Refer to **Setting Original Quality** (see page 34).

- 6 Select “**Address Book**”, and then select a destination.



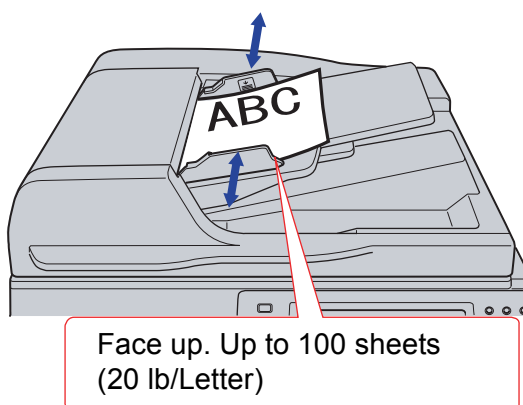
- Refer to **Entering a Destination** (see page 20).

- 7 Press the **Start** key.

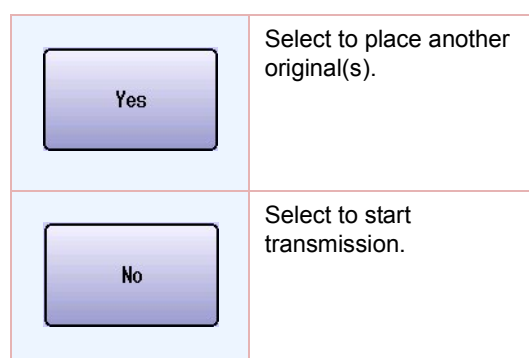
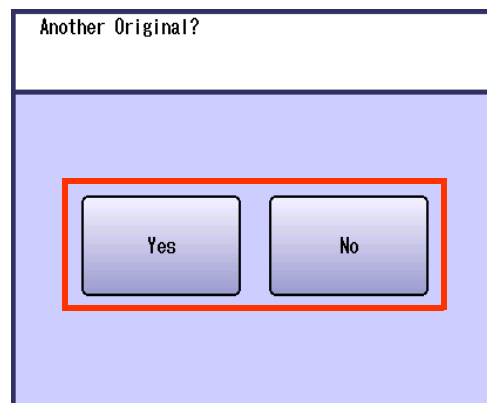
The original(s) are stored into memory with a file number.

- For instructions on how to cancel a transmission, refer to **Canceling a Communication** (see page 56).

- 8 If you have another original(s), place the next original(s) within 5 seconds after the last original is scanned.



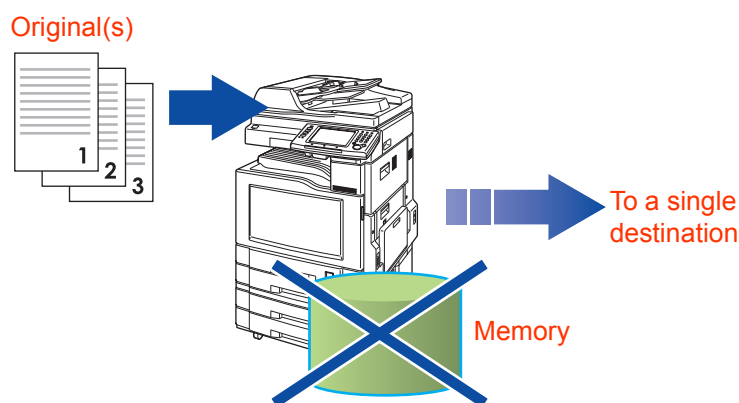
- If you do not place the next original(s) within 5 seconds, the message “Another Original?” will be displayed.



Direct Transmission

Documents can be transmitted immediately on scanning without storing into memory. Direct transmission is more convenient in situations as shown below.

- ☐ When you want to send the documents right away.
- ☐ When you want to send a large amount of documents.



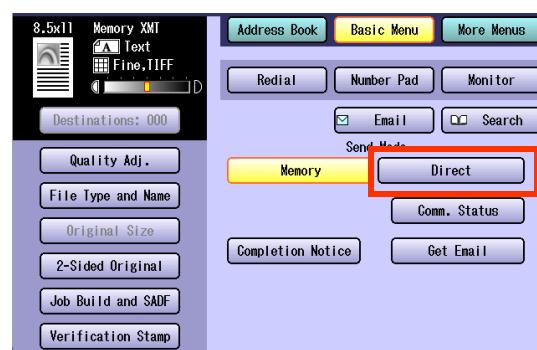
NOTE

- Direct transmission cannot be used to send documents to multiple destinations.
- Memory transmission may switch automatically to Direct transmission when memory overflow occurs during document scanning.
- Memory transmission is the standard setting on the machine, however, it can be changed to Direct transmission by setting the Function Parameter **"05 Memory (HOME)"** (Fax/Email Settings > Fax Parameters). For instructions on how to change the standard setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

- 1** Place original(s).
 - Refer to **Placing Originals** (see page 14).
- 2** Press the **Fax** key.
- 3** Select **"Basic Menu"**.

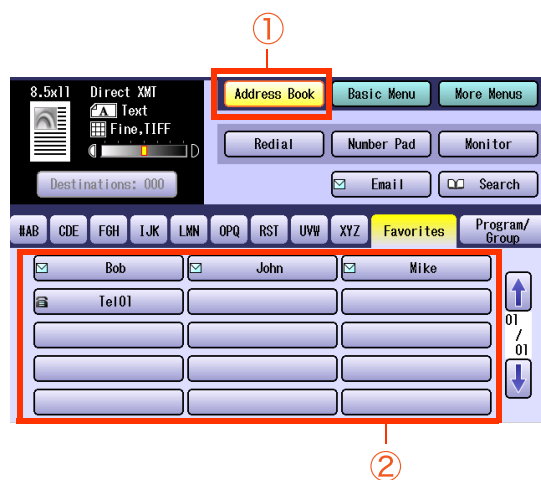


- 4** Select **"Direct"**.



- 5** Set **"Quality Adj."** as required.
 - Refer to **Setting Original Quality** (see page 34).

- 6** Select “**Address Book**”, and then select a destination.



- Refer to **Entering a Destination** (see page 20).

- 7** Press the **Start** key.

Transmission starts immediately upon scanning.

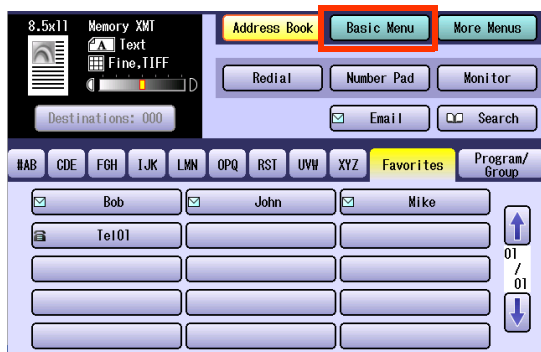
- For instructions on how to cancel a transmission, refer to **Canceling a Communication** (see page 56).

Verifying Communication Status

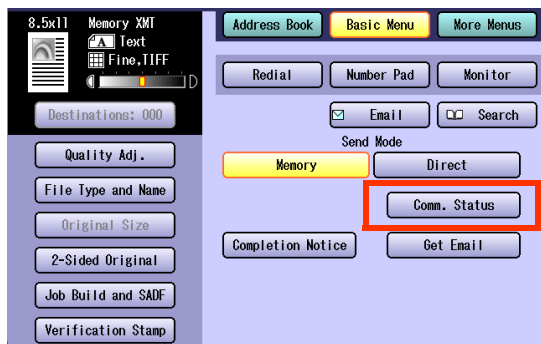
To verify the communication status, follow the steps below.

1 Press the **Fax** key.

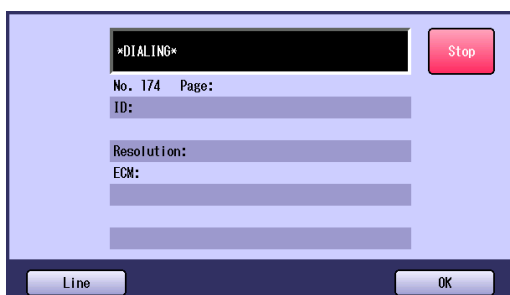
2 Select **"Basic Menu"**.



3 Select **"Comm. Status"** while the call session is in progress.



4 Verify the communication status.



5 When the verification is completed, select **"OK"**.



Rotated Transmission

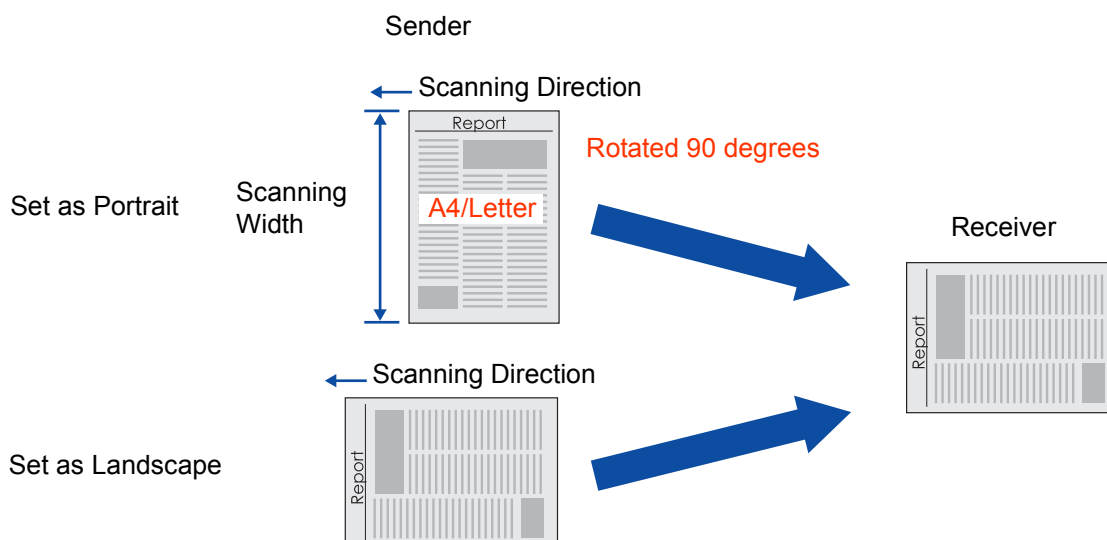
If an A4/Letter-sized document is loaded in the portrait position, it could be interpreted as an A3/Ledger size on the receiving station. To avoid this misinterpretation, the machine is configured to support Rotated transmission.

Set the Function Parameter **"78 Rotation XMT"** (Fax/Email Settings > Fax Parameters) to **"Valid"**. This allows an A4/Letter-size document to be rotated by 90 degrees automatically when they are loaded in the portrait position, so that it is transmitted in the same orientation as it would have been loaded in the landscape position.

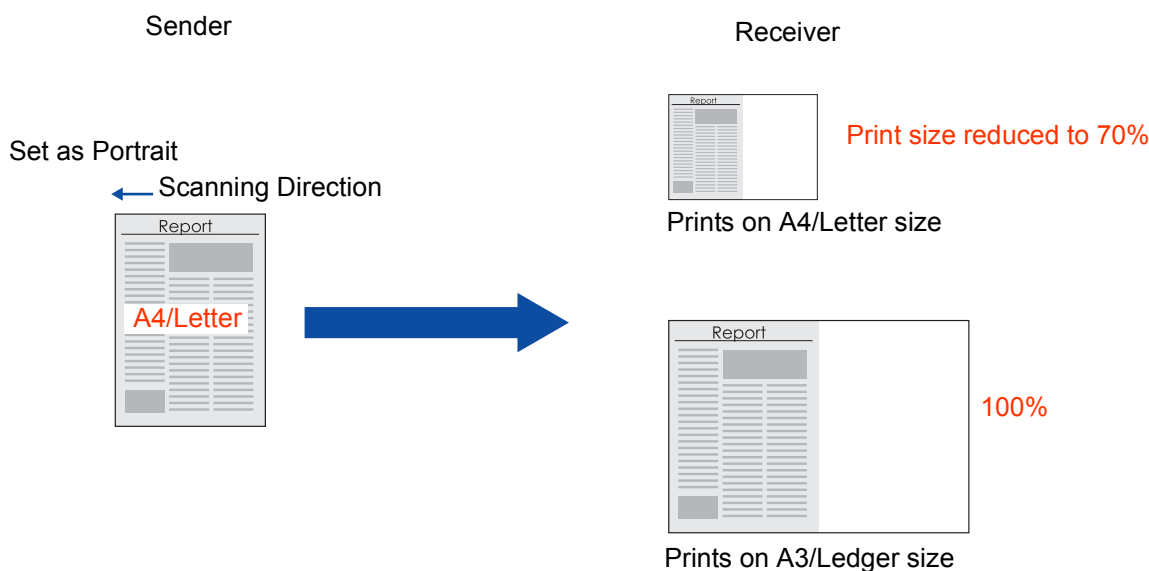
NOTE

- The standard setting of **"78 Rotation XMT"** is set to **"Valid"**. For instructions on how to change the standard setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- The Rotated Transmission feature only works with Memory transmissions, but not with Direct transmissions.

■ Rotation XMT set to "Valid"



■ Rotation XMT set to "Invalid"



Batch Transmission

The Batch Transmission feature is useful in controlling the reduction of transmission time and telephone costs. In a Batch transmission job, the machine sorts documents bound for the same destination(s), and collectively handles them as one reserved document (file) to be transmitted in a single call.

There are two types of Batch transmissions available:

- Real Time Batch Transmission:

During the Memory transmission, your machine searches the memory for reserved files (up to 4 files) to transmit to the same destination, and automatically batches, and then transmits them in a single call.

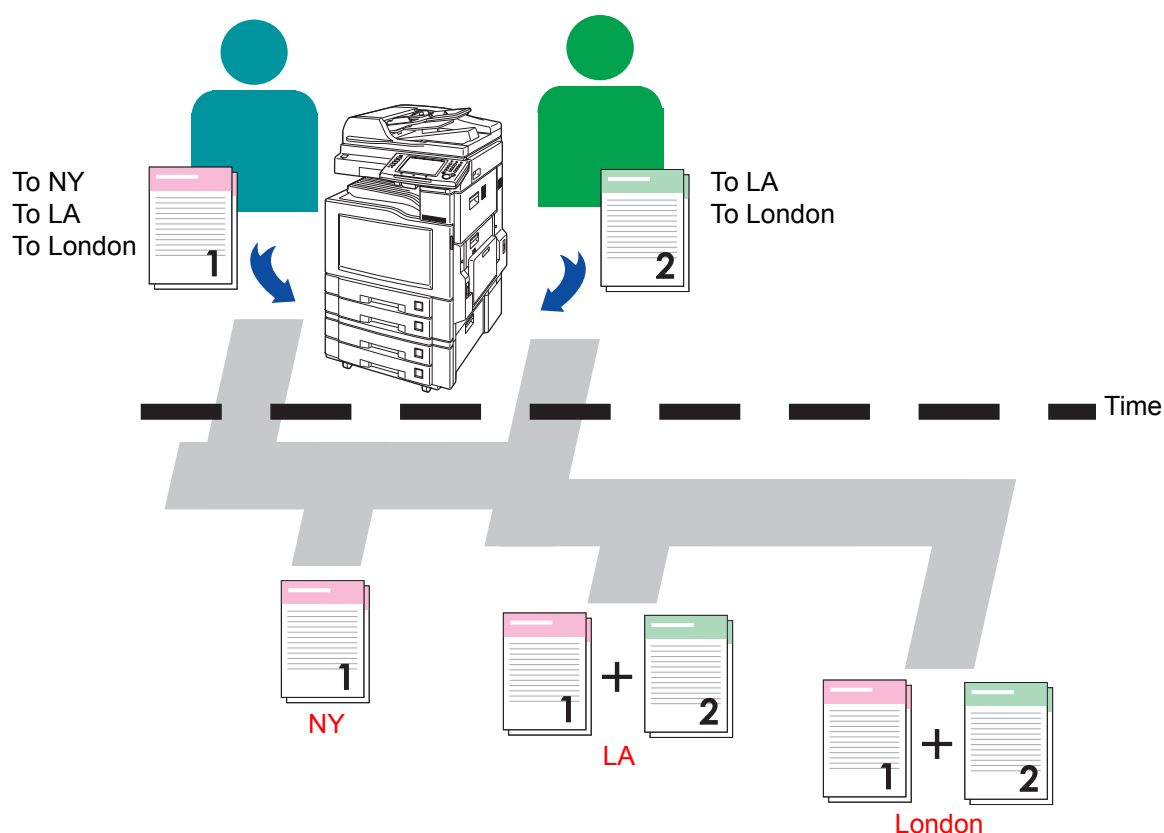
NOTE

- The machine cannot batch files that are waiting for redialing or currently being sent, but will batch files that are pending to be dialed.

- Delayed Batch Transmission:

This feature requires the scheduling of the time for the Batch transmission into a Program key in advance. All transmission(s) using this Program key are batched and transmitted at the registered time.

Ex: Real Time Batch Transmission



Getting an Outside Line Using PIN Code Access

If your PBX requires a PIN (Personal Identification Number) code to access an external line, your machine can be set to prompt the user to enter the PIN code before dialing.

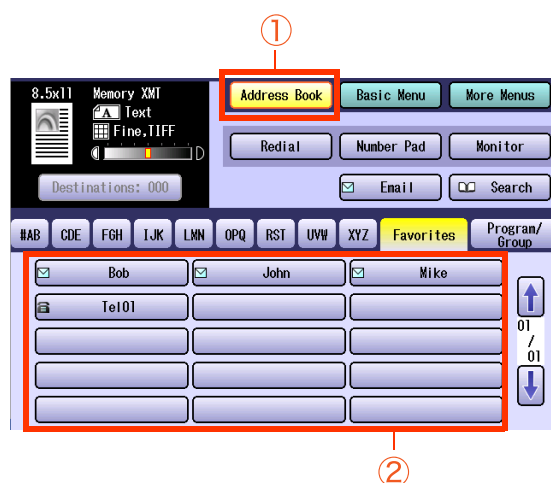
This function is available when the Function Parameter “**39 PIN Code Access**” (Fax/Email Settings > Fax Parameters) is set to “**Suffix**” or “**Prefix**”.

When “**39 PIN Code Access**” is set to “**Prefix**”, the dialing procedure is as follows.

NOTE

- This feature is not available when dialing from a connected external telephone.
- The standard setting of “**39 PIN Code Access**” is set to “**None**”. For instructions on how to change the standard setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

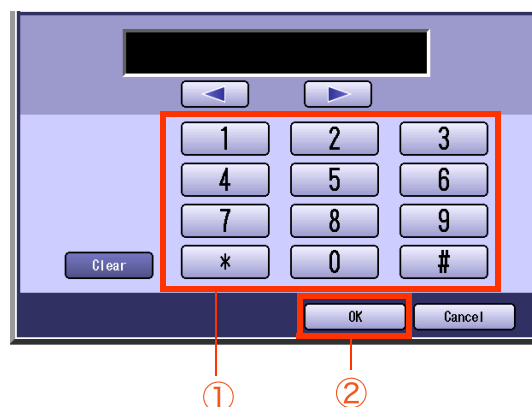
- 1 Place original(s).
 - Refer to **Placing Originals** (see page 14).
- 2 Press the **Fax** key.
- 3 Set “**Quality Adj.**” as required.
 - Refer to **Setting Original Quality** (see page 34).
- 4 Select “**Address Book**”, and then select a destination.



- Refer to **Entering a Destination** (see page 20).

- 5 Press the **Start** key.

- 6 Enter a PIN code, and then select “**OK**”. (Up to 36 digits)



The original(s) are stored into memory with a file number. Then starts dialing the telephone number.

Using Program Keys

If frequently used communication tasks are pre-programmed onto a respective program dialing button, the programmed operating sequence can be recalled by simply selecting the assigned button.

Program dialing not only simplifies repetitive and complex operational sequences but also prevents operator errors.

To use a Program key, follow the steps below.

NOTE

- To use this feature, the operating sequence must be programmed onto the button in advance. Refer to **Setting for Program Dialing** (see page 187).
- To check what operation was pre-programmed onto a program button, confirm by printing the program list. Refer to **Printing the Program List** (see page 194).

- 1 Place original(s).
 - Refer to **Placing Originals** (see page 14).

- 2 Press the **Fax** key.

- 3 Select "**Program/Group**".



- 4 Select the Program key.



- 5 Press the **Start** key.

Communication starts, or original(s) are stored into memory.

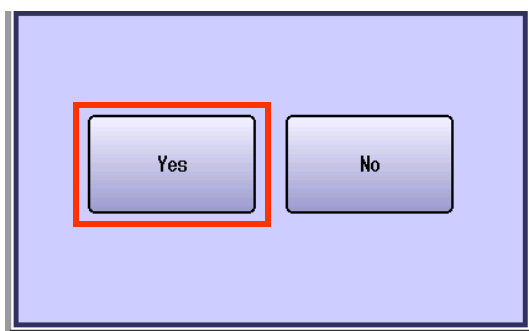
Memo

Canceling a Communication

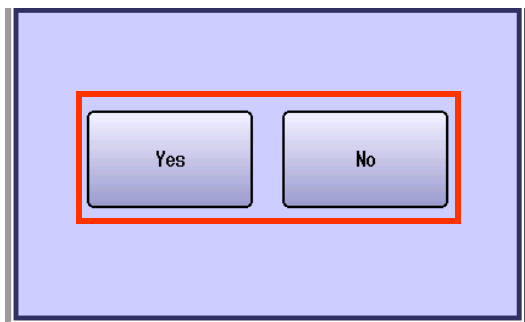
To cancel a communication, follow the steps below.

To Cancel Memory Transmission:

- 1** Press the **Fax** key.
- 2** Press the **Stop** key while the communication is in progress.
- 3** Select “**Yes**” to stop a communication.

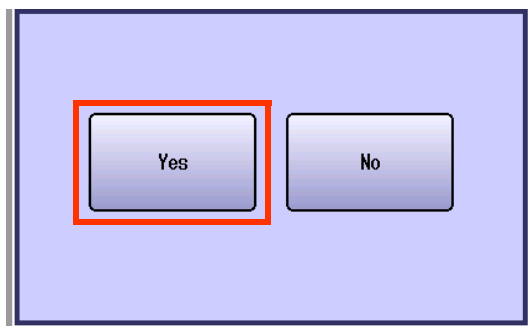


- 4** Select “**Yes**” to print a communication journal, or “**No**” if a communication journal is not desired.



To Cancel Direct Transmission:

- 1 Press the **Stop** key while the communication is in progress.
- 2 Select **"Yes"** to stop a communication.



- 3 Remove the document.

Dial Prefix

Your machine has the following functions to utilize your existing fax phone numbers database:

- LDAP database search for fax phone numbers (Directory Search)
- Import an existing fax phone number list in CSV file format (Network Address Book Editor software)

The phone numbers in the database are usually 10-digit numbers that are not in the format of phone numbers actually dialed through a PBX.

Ex:

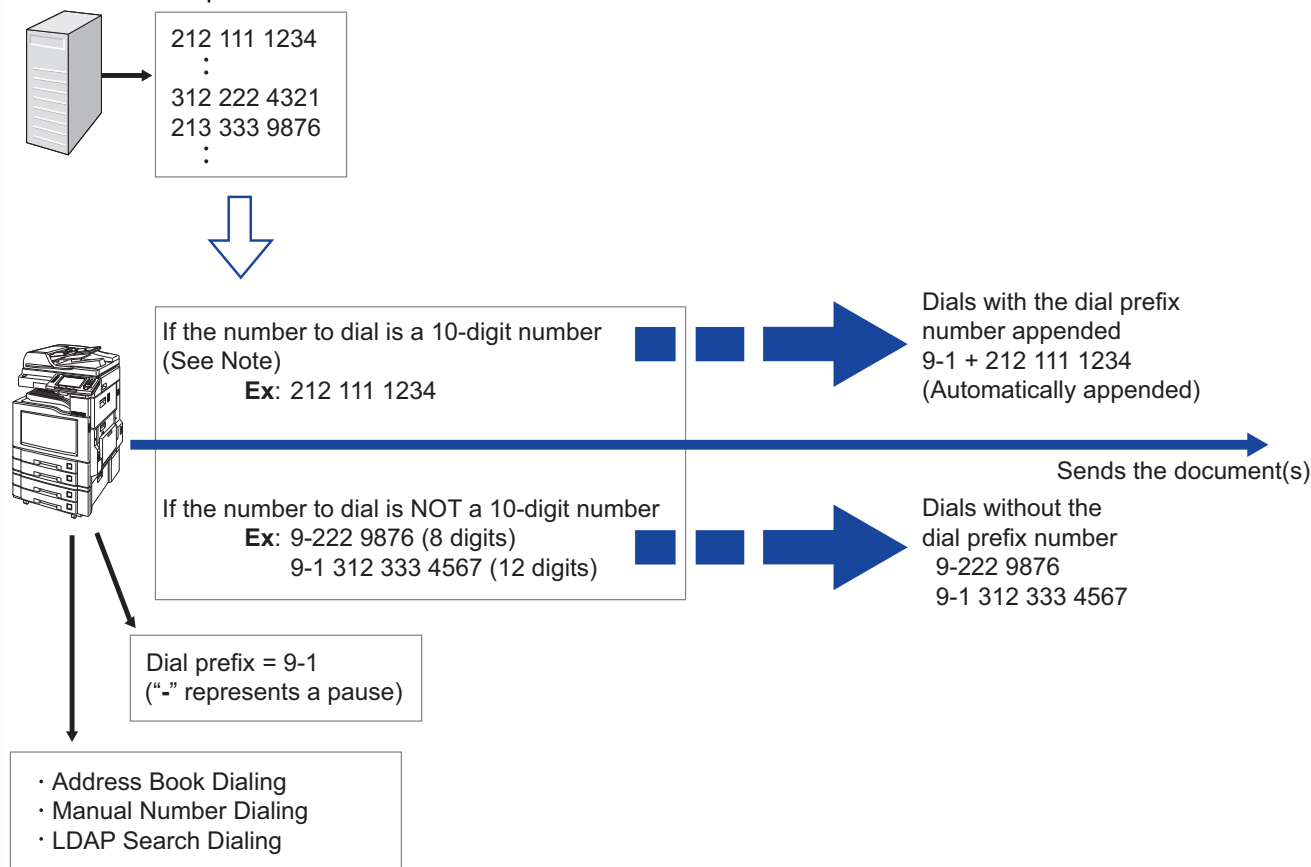
- A fax phone number in the database is shown as 212 555 1234
- A long distance fax phone number format that is dialed via a PBX, is as 9+1+212 555 1234

The Dial Prefix function allows you to program a Dial Prefix including a PBX Dial-out Prefix (**Ex:** "9") and the Long Distance Call Code (=1). The pre-programmed Dial Prefix will be automatically dialed only when the fax phone number is a 10-digit number, allowing you to utilize the existing database without modifying it.

To enable this function, enter the Dial Prefix number in "**122 Dial Prefix**". For more details, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

NOTE

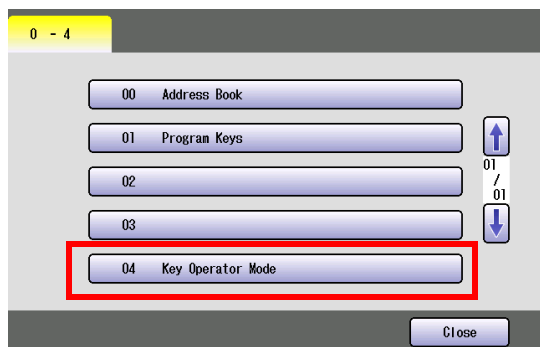
- Only numbers (0 to 9) will be counted for 10 digits. Any other characters or symbols (such as "-") will be ignored.
- This function is not available when using Monitor dialing or Off-hook dialing with either the optional handset or an external telephone set.



1 Press the **Function** key to open the Function Parameters screen.

2 Select **"Fax/Email Settings"**.

3 Select **"04 Key Operator Mode"**.

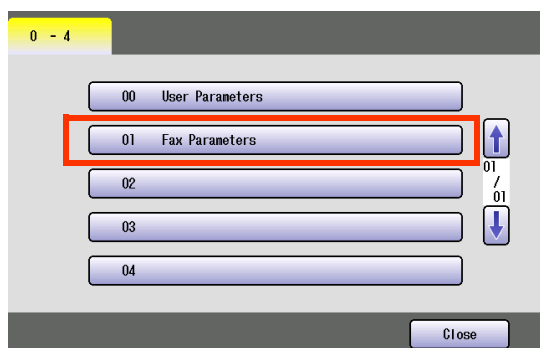


4 Enter the Key Operator password, and then select **"OK"**.

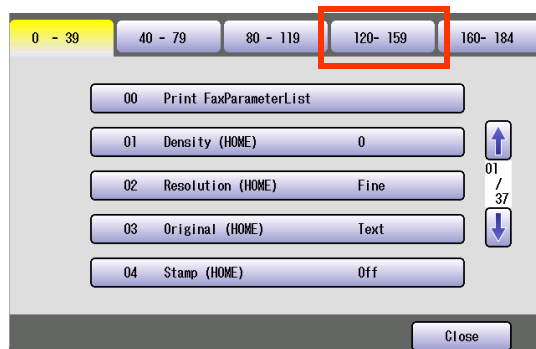


- If you make a mistake, press the **Clear** key or select **"Back Space"** to delete.

5 Select **"01 Fax Parameters"**.

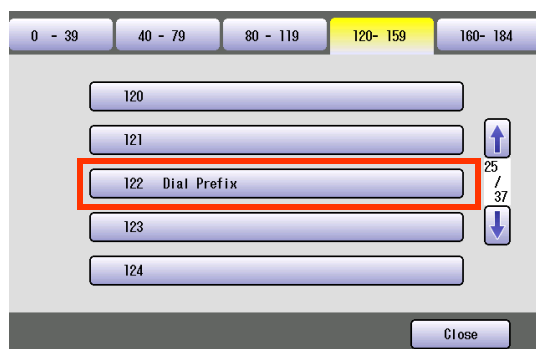


6 Select **"120-159"**.

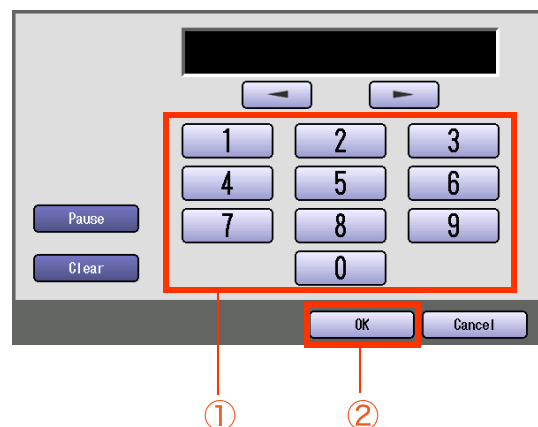


- You can also proceed to step 8 by entering 122 with the Keypad and pressing the **Start** key.

7 Select **"122 Dial Prefix"**.



8 Enter the Dial Prefix Number (4 digits), and then select **"OK"**.



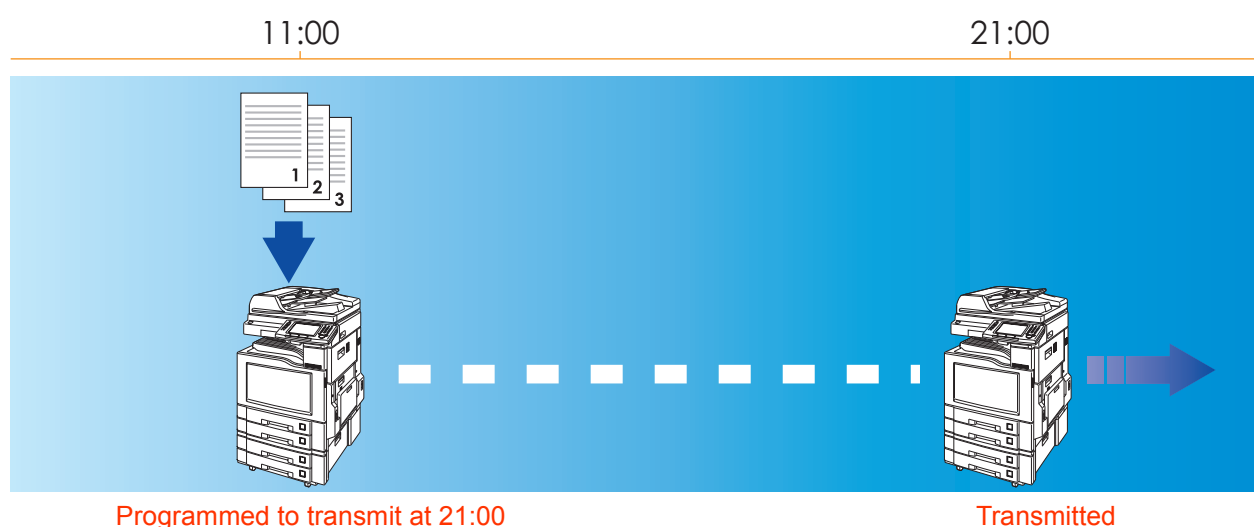
- If you make a mistake, select **"Clear"** to delete.
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Time Controlled Communication (Deferred)

Deferred Transmission

The time must be pre-programmed in advance to send document(s) to a single or multiple destinations at a deferred time within the next 24 hours.

The document is scanned and stored in memory as a reserved document until the pre-programmed time lapses. The transmission starts at the pre-programmed time.



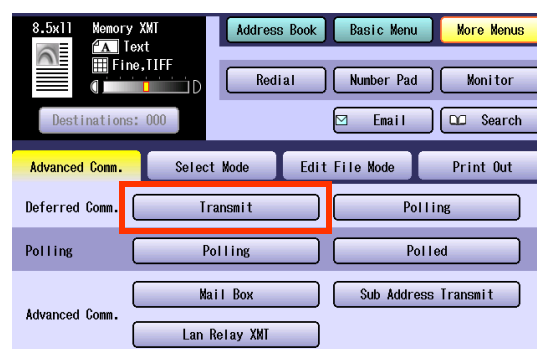
NOTE

- Up to 50 built-in timers can be set for deferred communication.

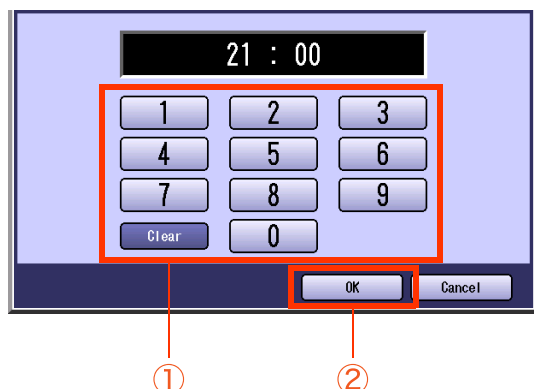
- Place original(s).
 - Refer to **Placing Originals** (see page 14).
- Press the **Fax** key.
- Select **"More Menus"**.



- Select **"Transmit"**.



- 5** Set the deferred time, and then select “OK”.



- Set the time in the 24-hour format.
Ex: 21: 00
- If you make a mistake, select “**Clear**” to delete entries one digit at a time.

- 6** Set “**Quality Adj.**” as required.

- Refer to **Setting Original Quality** (see page 34).

- 7** Select a destination.



- Refer to **Entering a Destination** (see page 20).

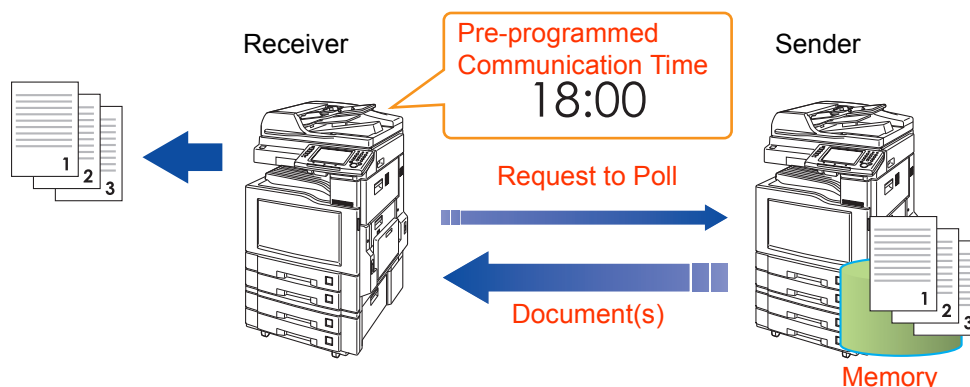
- 8** Press the **Start** key.

Document(s) are stored into memory.

- The programmed deferred communication time can be modified.
For instructions on how to modify the communication time, refer to **Editing Communication Reservations** (see page 170).
- If you need to delete a reserved communication file, or to cancel a time-controlled communication, refer to **Deleting a Communication Reservation File** (see page 172).
- A communication journal is printed if the transmission fails for any reason.
(**Ex:** Remote station was busy.)
Refer to **Printing a Communication Reservation File** (see page 173) and **Communication Journal** (see page 201).
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Deferred Polling

If Polling is requested with a deferred time, it will start polling at the pre-programmed time.

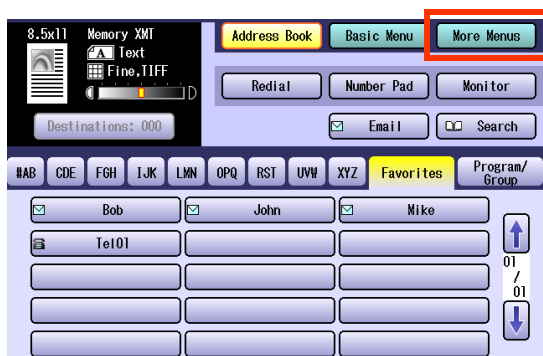


NOTE

- Up to 50 built-in timers can be set for deferred communication.
- Polling might not function with all fax machines. We suggest you attempt a trial polling before you actually poll important documents.
- If a password is not set in the polled station, you may poll the other station even though your machine has a password.
- For instructions on how to use polling without a pre-programmed time, refer to **Polling** (see page 64).

1 Press the **Fax** key.

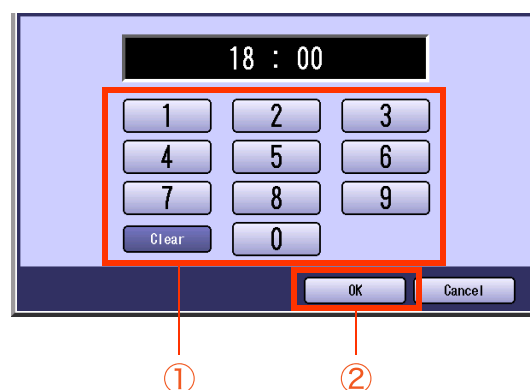
2 Select **"More Menus"**.



3 Select **"Polling"** in **"Deferred Comm."**

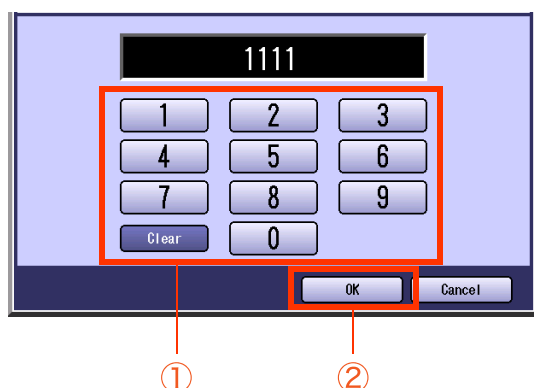


4 Enter a communication time, and then select **"OK"**.



- Enter the time in the 24-hour format.
Ex: 18: 00
- If you make a mistake, select **"Clear"** to delete entries one digit at a time.

- 5** If a password is required, enter the password, and then select “OK”.



- If you have set the polling password in the Function Parameter “**26 Polling Password**” (Fax/Email Settings > Fax Parameters), the password will appear on the display. You can still change the password temporarily by overwriting it with a new one.

- 6** Select a destination.



- Refer to **Entering a Destination** (see page 20).

- 7** Press the **Start** key.

Polling starts when the pre-programmed time is reached.

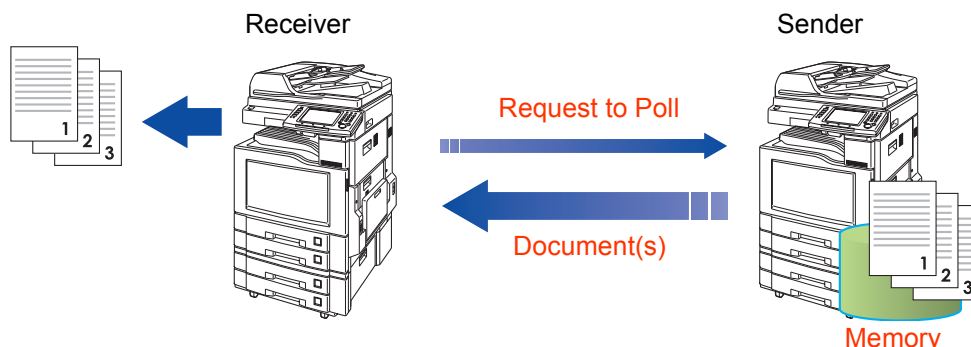
- The programmed deferred communication time can be modified.
For instructions on how to modify the communication time, refer to **Editing Communication Reservations** (see page 170).
- If you need to delete a reserved communication file, or cancel a time-controlled communication, refer to **Deleting a Communication Reservation File** (see page 172).

Polling

Polling

Polling is a process of calling the other station(s) for document retrieval. The other station must know in advance that you will call, and must prepare document(s) by storing them into the memory. To ensure security, establish a polling password that is shared by the other station ahead of time.

The receiving station initiates the call, therefore, it pays for the communication charges.

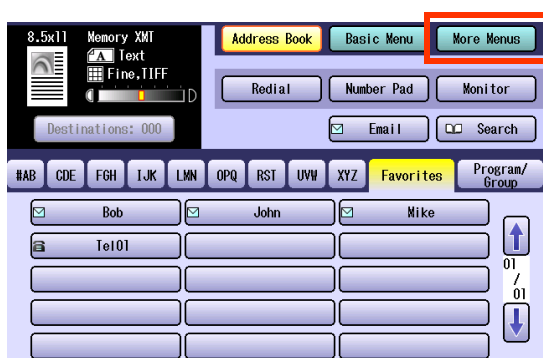


NOTE

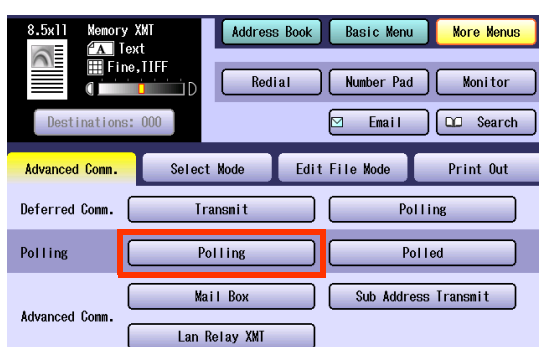
- For instructions on how to use deferred polling, refer to **Deferred Polling** (see page 62).
- Polling might not function with all fax machines. We suggest you attempt a trial polling before you actually poll important documents.
- If a password is not set in the polled station, you may poll the other station even though your machine has a password.

1 Press the **Fax** key.

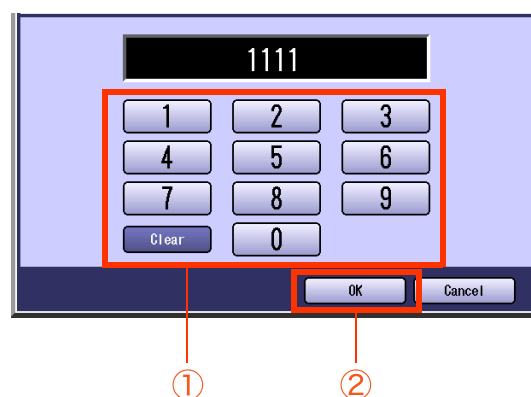
2 Select **"More Menus"**.



3 Select **"Polling"** in **"Polling"**.



4 If a password is required, enter the password, and then select **"OK"**.



- If you have set the polling password in the Function Parameter **"26 Polling Password"** (Fax/Email Settings > Fax Parameters), the password will appear on the display. You can still change the password temporarily by overwriting it with a new one.

5 Select a destination.



- Refer to **Entering a Destination** (see page 20).

6 Press the **Start** key.

Polling starts.

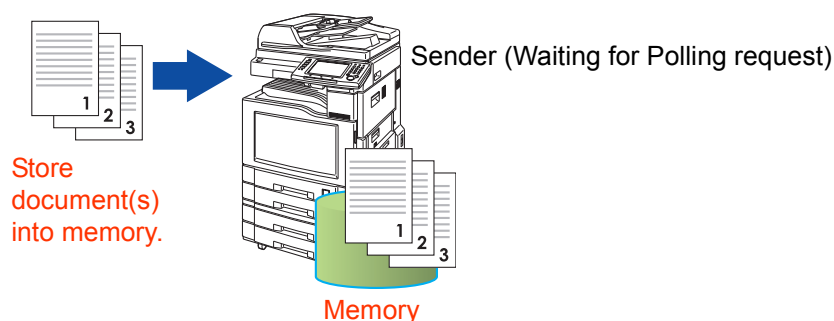
Storing Documents to be Polled

Being Polled is the process of automatically transmitting document(s) upon receiving the polling request from the receiving station.

You must prepare your machine by storing document(s) into memory ahead of time.

To ensure security, set the polling password that is shared with the receiving station.

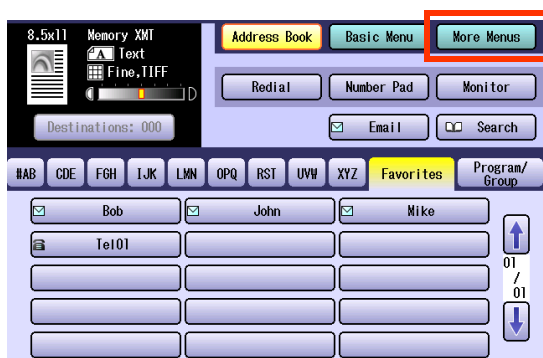
The receiving station initiates the call, therefore, it pays for the communication charges.



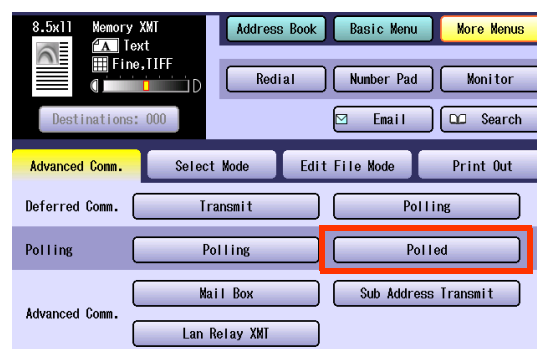
NOTE

- Polling might not function with all fax machines. We suggest you attempt a trial polling before you actually poll important documents.
- If a password is not set in the polled station, you may poll the other station even though your machine has a password.

- 1 Place original(s).
 - Refer to **Placing Originals** (see page 14).
- 2 Press the **Fax** key.
- 3 Select **"More Menus"**.



- 4 Select **"Polled"** in **"Polling"**.



- 5 If a password is required, enter the password, and then select **"OK"**.



①

②

The scanned document is stored in the memory as a polled file ready for transmission upon receiving a polling request.

- You can still send or receive documents even when the machine is setup to be polled.
- To delete a polled file, refer to **Deleting a Communication Reservation File** (see page 172).
- Only one polled file can be stored in memory.
If you need to add document(s) into the same polled file, refer to **Adding Documents to a Communication Reservation File** (see page 174).
- If you have set the polling password in the Function Parameter “**26 Polling Password**” (Fax/Email Settings > Fax Parameters), the password will appear on the display.
You can still change the password temporarily by overwriting it with a new one.
- After being polled, the documents stored in the memory will be erased automatically. To retain the documents in memory so that they can be polled repeatedly, change the setting of the Function Parameter “**27 Polled File Save**” (Fax/Email settings > Fax Parameters) to “**Valid**”.

Using a Mailbox (Confidential Communication)

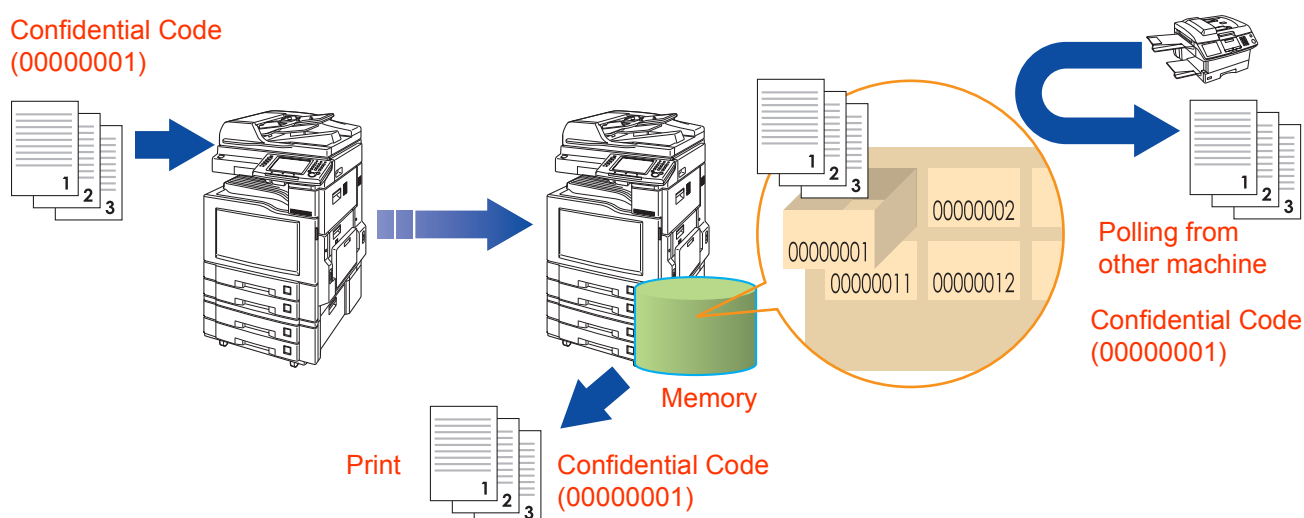
What is Confidential Communication?

The confidential mailbox allows communication with other compatible models using a 8 to 16-digit confidential code. The Confidential Mailbox feature receives document(s) with a confidential code in the memory. These documents can only be printed by the person who has the correct confidential code.

- A confidential reception report is printed whenever confidential documents are received on the machine.
- 49 mailboxes are available on the machine.
- Mailbox passwords are in 8 to 16 digits.

This section explains how to transmit, poll, store, delete, and print confidential documents.

Confidential Polling and Confidential Polled transmission can be performed using mailboxes. For instructions on how to use these, refer to **Confidential Polling** (see page 70) and **Storing Documents for Confidential Polling** (see page 71).



ATTENTION

- This feature works only if the remote station is any one of the following compatible Panasonic models.

DP-180	DP-190	DP-1820E	DP-1820P	DP-2330	DP-3030	DP-3530	DP-4530
DP-6030	DP-8020P	DP-8020E	DP-8035	DP-8045	DP-8060	DP-C213	DP-C262
DP-C263	DP-C264	DP-C265	DP-C266	DP-C305	DP-C306	DP-C322	DP-C323
DP-C354	DP-C405	DP-C406					
DX-800							
UF-6000	UF-9000						

NOTE

- Confidential reception requires establishing the password (8 to 16 digits) between the sender and the receiver before reception.

Confidential Transmission

To transmit a confidential document, follow the steps below.

NOTE

- You must have a mailbox password (8 to 16 digits) setup and shared with the receiving machine.

1 Place original(s).

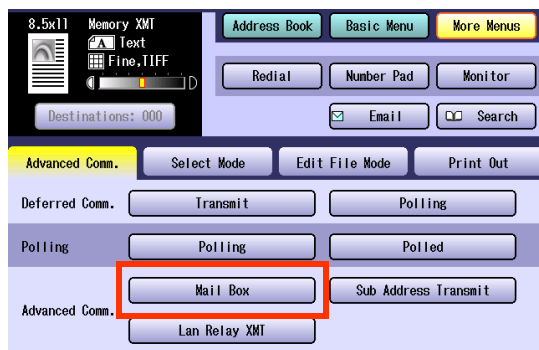
- Refer to **Placing Originals** (see page 14).

2 Press the **Fax** key.

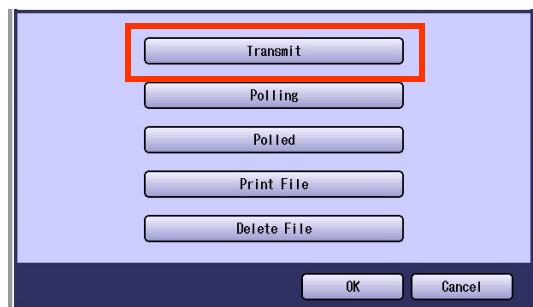
3 Select **"More Menus"**.



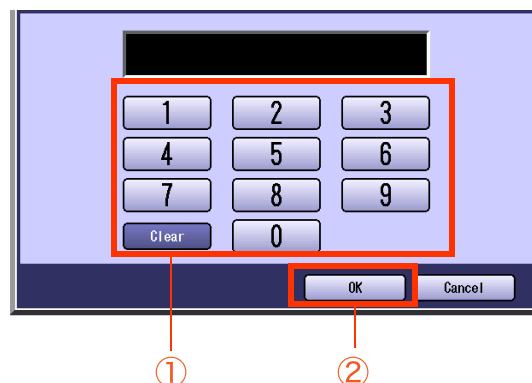
4 Select **"Mail Box"**.



5 Select **"Transmit"**.



6 Enter the mailbox password (8 to 16 digits), and then select **"OK"**.



- If you make a mistake, select **"Clear"** to delete entries one digit at a time.

7 Set **"Quality Adj."** as required.

- Refer to **Setting Original Quality** (see page 34).

8 Select a destination.



- Refer to **Entering a Destination** (see page 20).
- Select an address, except the address registered for Relayed transmission.

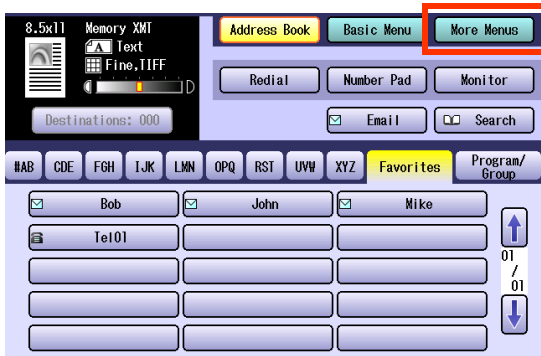
9 Press the **Start** key.

The original(s) are stored into memory with a file number. Then starts dialing the telephone number.

Confidential Polling

1 Press the **Fax** key.

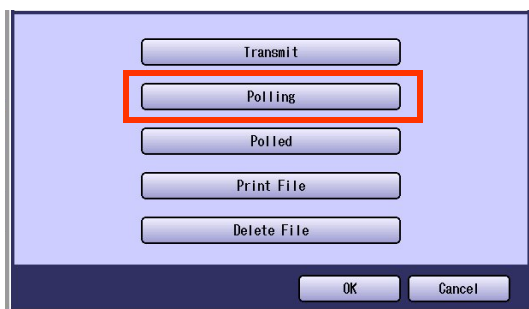
2 Select **"More Menus"**.



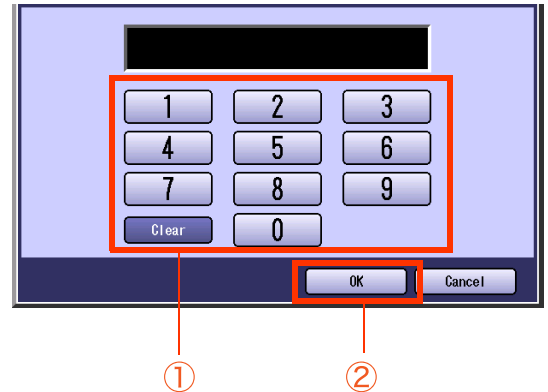
3 Select **"Mail Box"**.



4 Select **"Polling"**.

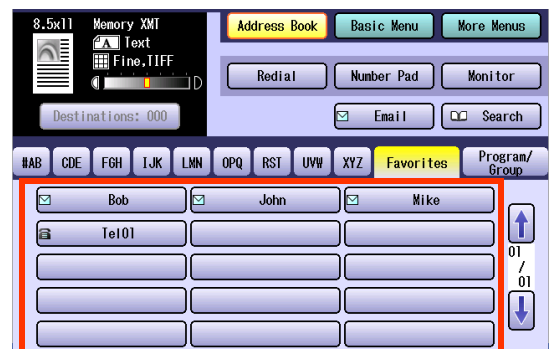


5 Enter the mailbox password (8 to 16 digits), and then select **"OK"**.



- If you make a mistake, select **"Clear"** to delete entries one digit at a time.

6 Select a destination.



- Refer to **Entering a Destination** (see page 20).
- Select an address, except the address registered for Relayed transmission.

7 Press the **Start** key.

Confidential mailbox polling starts.

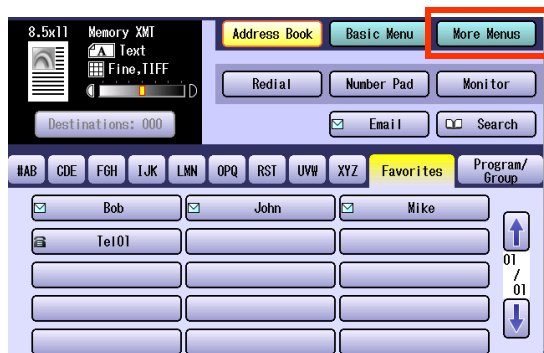
- For instructions on how to cancel confidential mailbox polling, refer to **Canceling a Communication** (see page 56).

Storing Documents for Confidential Polling

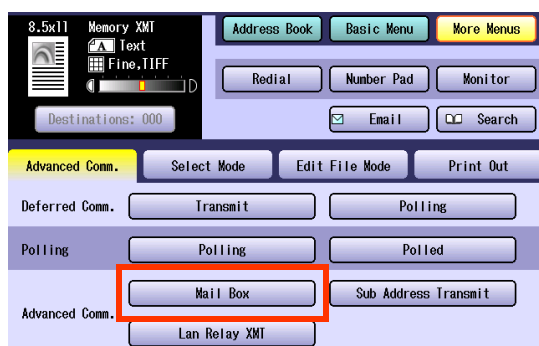
- 1 Place original(s).
 - Refer to **Placing Originals** (see page 14).

- 2 Press the **Fax** key.

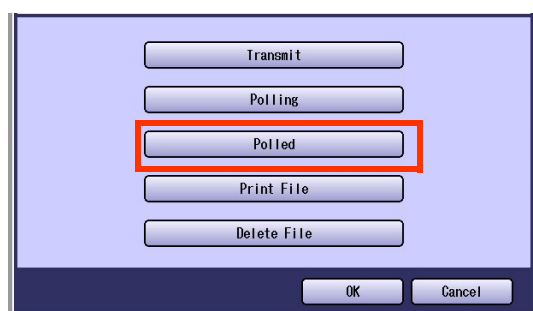
- 3 Select **"More Menu"**.



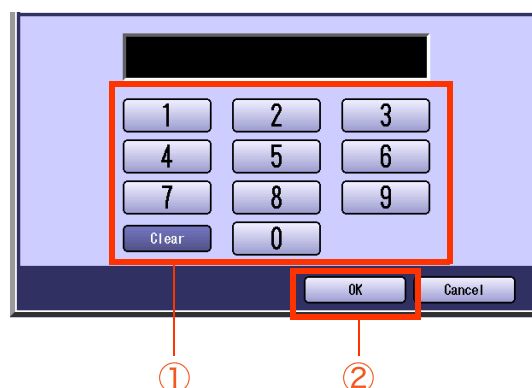
- 4 Select **"Mail Box"**.



- 5 Select **"Polled"**.



- 6 Enter the mailbox password (8 to 16 digits), and then select **"OK"**.



The documents are stored in the mailbox, and will be transmitted upon receiving the confidential polling request.

- For instructions on how to delete a confidential document polled for transmission, refer to **Deleting a Confidential Document** (see page 74).
- If you make a mistake, select **"Clear"** to delete entries one digit at a time.

Printing a Received Confidential Document

When confidential documents are received, a confidential reception report is printed. This section explains how to read a confidential reception report and print the received confidential documents.

NOTE

- After a received confidential document is printed, it is deleted from the mailbox.
- If the machine receives documents having the same password, they are stored into the same mailbox.
- 49 mailboxes are available.

■ Confidential Reception Report

(1) ***** -Conf. RCV Report- ***** Date MMM-dd-yyyy ***** Time 15:00 *****			
** Notice of Confidential Document Held **			
(2) File No.	(3) Received From	(4) Pages	(5) Time Received
040	PANAFAX	001	MMM-dd 15:00
		(6) -PANASONIC	-
(7) *****DP-XXXX*****		(8) -HEAD OFFICE	- ***** - 201 555 1212- *****

No.	Item	Explanation
(1)	Date/Time	The date and time at which the confidential reception report is printed
(2)	File No.	The number automatically assigned to a confidential document in the order of its reception (001 to 999)
(3)	Sender ID	Transmitting station's ID
(4)	Page(s)	Total number of pages of the confidential document
(5)	Receive Time	The date and time at which the confidential document was received
(6)	Logo	Logo (up to 25 characters)
(7)	Character ID	Character ID (up to 16 characters)
(8)	Numeric ID	Numeric ID (up to 20 digits)

■ Printing a Received Confidential Document

To print a received confidential document, follow the steps below.

NOTE

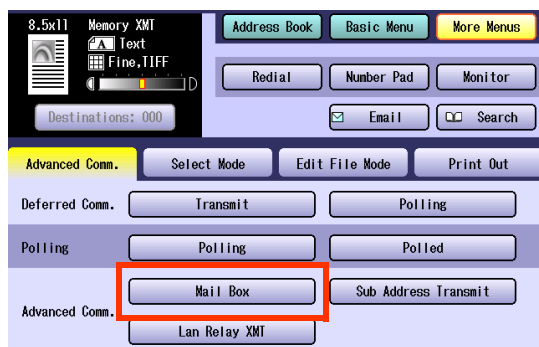
- After a received confidential document is printed, it is deleted from the mailbox.

1 Press the **Fax** key.

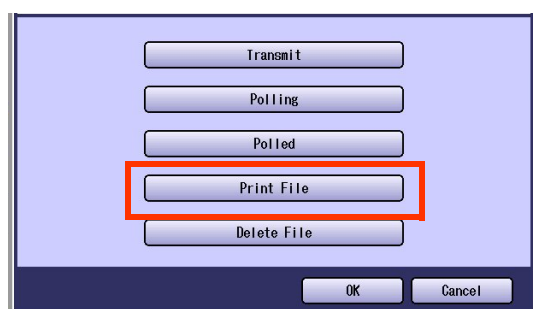
2 Select **"More Menus"**.



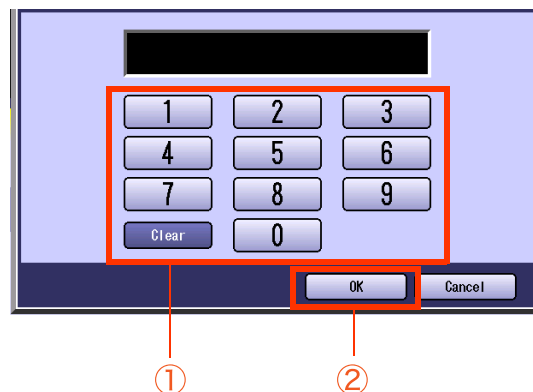
3 Select **"Mail Box"**.



4 Select **"Print File"**.



5 Enter the mailbox password (8 to 16 digits), and then select **"OK"**.



The document is printed and deleted from the mailbox.

- If you make a mistake, select **"Clear"** to delete entries one digit at a time.
- To delete confidential documents from a mailbox, refer to **Deleting a Confidential Document** (see page 74).

Deleting a Confidential Document

To delete a confidential document in a mailbox, follow the steps below.

1 Press the **Fax** key.

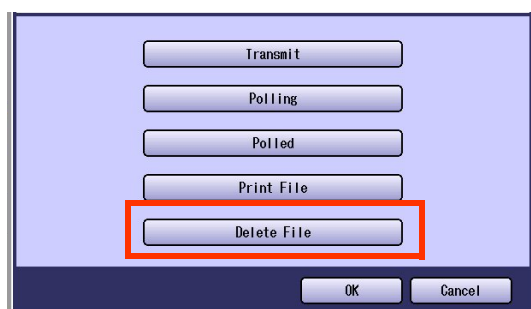
2 Select **"More Menus"**.



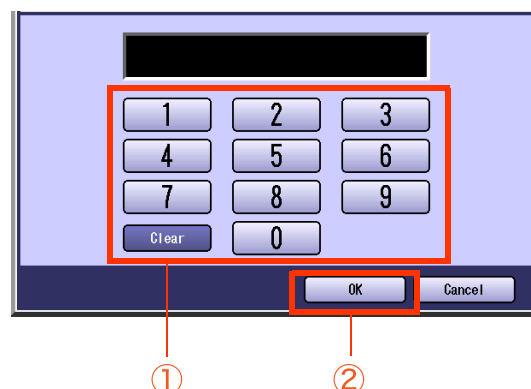
3 Select **"Mail Box"**.



4 Select **"Delete File"**.



5 Enter the mailbox password (8 to 16 digits), and then select **"OK"**.



Documents in the mailbox are deleted.

- If you make a mistake, select **"Clear"** to delete entries one digit at a time.

Memo

Sub-Address Communication

The Sub-addressing function allows further routing, forwarding, or relaying of document(s) to the desired destinations when used in combination with Internet Fax.

What is Sub-Addressing?

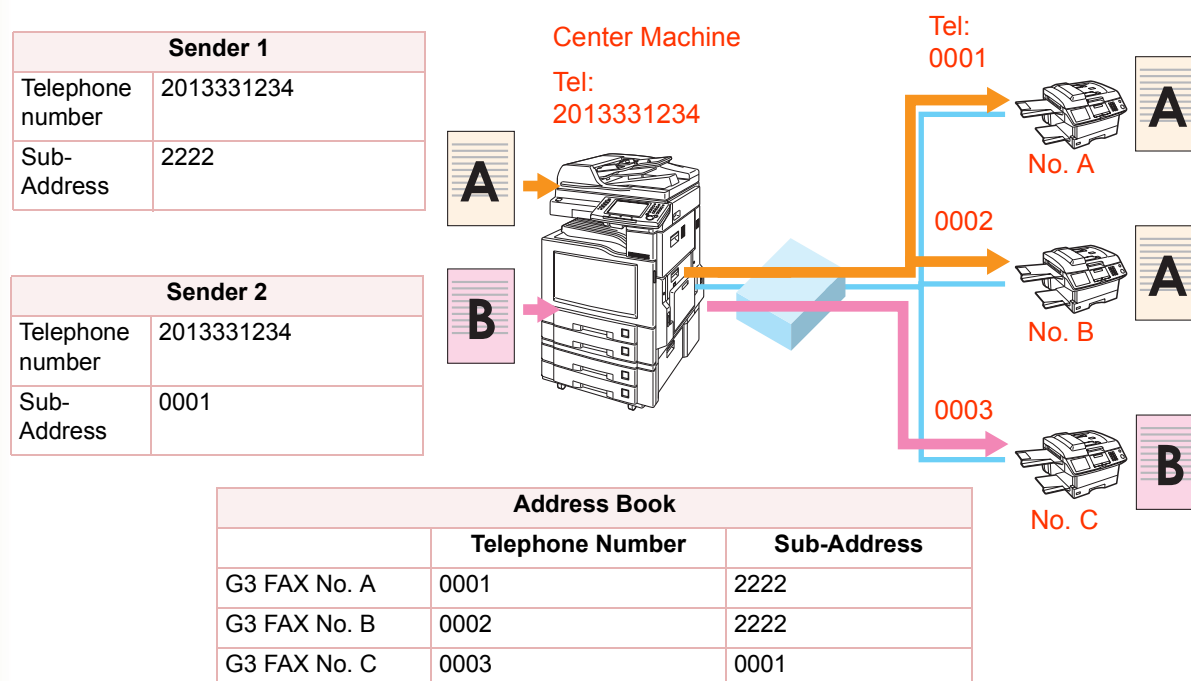
Sub-addressing is a T.30 communications protocol recommended by ITU-T.

- A center machine supporting the Memory feature is required on the fax network to implement sub-addressed communications. For more details, contact your local authorized Panasonic dealer.
- In a sub-addressed communication, the sub-addressing information must be checked between the sender and the receiver beforehand (sub-address is limited up to 20 digits).
- On this machine, select “**Sub Address Transmit**” from the “**More Menus**” to initiate sub-addressed communication.
- Sub-addressing allows documents received by the center machine to be forwarded to computers on the network, Internet fax, or other fax stations. Refer to **Inbound Routing** (see page 142).

NOTE

- ITU-T : International Telecommunication Union-Telecommunication Standardization Sector
- T.30 : Telecommunications standard

■ Example of a Network Using Sub-Addressing



Sub-Addressed Transmission Using Address Book

To transmit a document by sub-addressing, follow the steps below.

NOTE

- This feature cannot be used when dialing from the external telephone. Refer to **Talking to the Remote Party Before Transmission** (see page 33).

- 1 Place original(s).
 - Refer to **Placing Originals** (see page 14).

- 2 Press the **Fax** key.

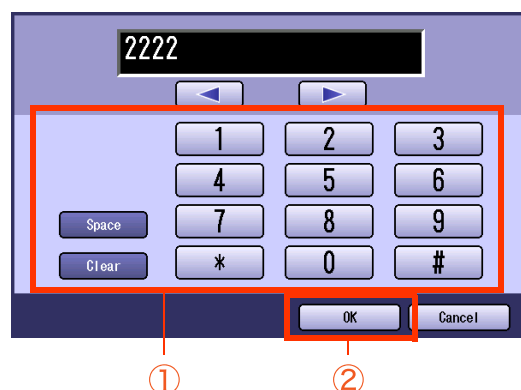
- 3 Select **"More Menus"**.



- 4 Select **"Sub Address Transmit"**.

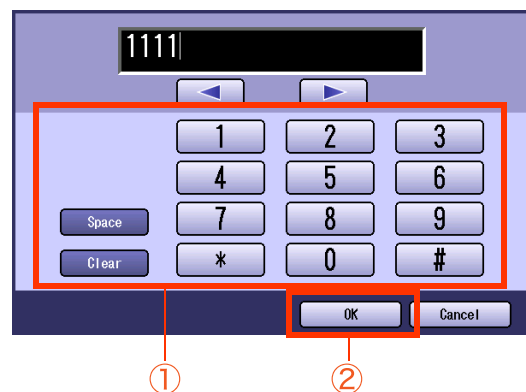


- 5 Enter a sub-address, and then select **"OK"**.



- The sub-address can be up to 20 digits.
- If you make a mistake, select **"Clear"** to delete entries one digit at a time.

- 6 Enter the password, and then select **"OK"**.



- The password can be up to 20 digits in length.
- If you make a mistake, select **"Clear"** to delete entries one digit at a time.

- 7 Set **"Quality Adj."** as required.

- Refer to **Setting Original Quality** (see page 34).

8 Select a destination.



- Refer to **Entering a Destination** (see page 20).
- Select an address, except the address registered for Relayed transmission.

9 Press the **Start** key.

Sub-addressed transmission starts.

Sub-Addressed Transmission Using Manual Dialing

To enter a sub-address directly from the Keypad, follow the steps below.

NOTE

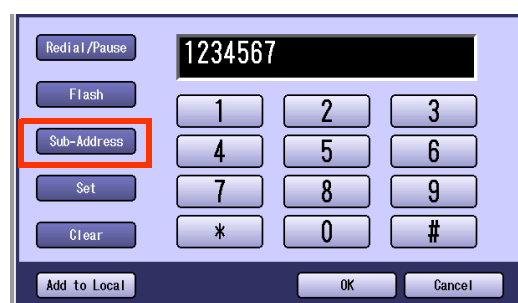
- This function is not available when the Function Parameter “**136 Restrict Direct Dial**” (Fax/Email Settings > Fax Parameters) is set to “**Valid**”.
- This feature does not work when dialing from the external telephone. Refer to **Talking to the Remote Party Before Transmission** (see page 33).
- If you use sub-addressed transmission frequently, the sub-address can be pre-programmed into the Address Book to facilitate future communications. For additional details, refer to **Adding a Fax Number into the Address Book** (see page 177).

- 1 Place original(s).
 - Refer to **Placing Originals** (see page 14).
- 2 Press the **Fax** key.
- 3 Set “**Quality Adj.**” as required.
 - Refer to **Setting Original Quality** (see page 34).
- 4 Enter the fax number using the Keypad.



- The Number Pad screen opens automatically.
- If you make a mistake, press the **Clear** key to delete entries one digit at a time.
- When the Function Parameter “**137 Re-enter Direct Dial**” (Fax/Email Settings > Fax Parameters) is set to “**Valid**”, enter the fax number twice for manual dialing. For more details, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

- 5 Select “**Sub-Address**”.



- The letter “s” appears on the display.

- 6 Enter a sub-address.



- The telephone number and sub-address field can be up to 36 digits in length. However, the sub-address itself is limited to 20 digits.
- If you need to enter a sub-address containing a blank space (**Ex:** 123 456), input the sub-address from “**Advanced Comm.**” > “**Sub Address Transmit**” (see page 77).
- If you make a mistake, select “**Clear**” to delete entries one digit at a time.

- 7 Press the **Start** key.

Sub-addressed transmission starts.

Password Communication

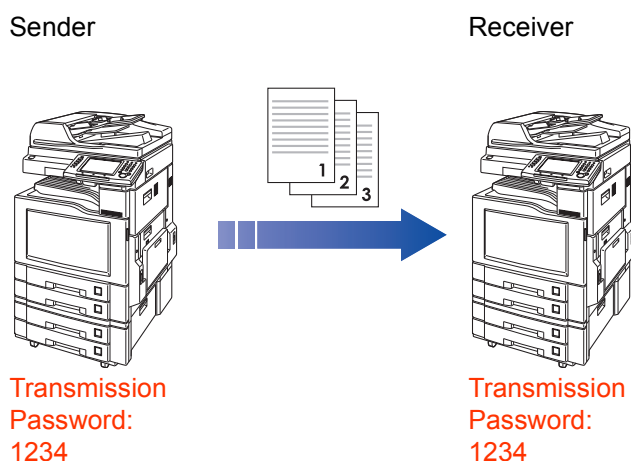
What is Password Communication?

Password communications, including Password transmission and Password reception prevents your machine from sending a fax to a wrong station or receiving a fax from an unauthorized station. You can set Password transmission and Password reception independently, or both together.

To use Password transmission, you must set a 4-digit transmission password in advance. The password must be shared with the other compatible Panasonic machine(s). If the transmission password in your machine does not match the transmission password in other compatible Panasonic machine(s), the transmission will fail.

The standard setting of the Function Parameter **"43 Password-Transmit"** (Fax/Email Settings > Fax Parameters) is set to **"Off"**. To utilize Password transmission, change the standard setting to **"On"**. For instructions on how to change the standard setting, refer to **Setting Password-Protected Transmission** (see page 82).

Ex: Password Transmission



ATTENTION

- This feature works only if the remote station is any one of the following compatible Panasonic models.

DP-180	DP-190	DP-1820E	DP-1820P	DP-2330	DP-3030	DP-3530	DP-4530
DP-6030	DP-8020P	DP-8020E	DP-8035	DP-8045	DP-8060	DP-C213	DP-C262
DP-C263	DP-C264	DP-C265	DP-C266	DP-C305	DP-C306	DP-C322	DP-C323
DP-C354	DP-C405	DP-C406					
DX-800							
UF-6000	UF-9000						

Password Transmission

To utilize the Password-protected Transmission feature, follow the steps below.

ATTENTION

- You must set the password (4 digits) in the Function Parameter “**43 Password-Transmit**” (Fax/Email Settings > Fax Parameters) in advance.

- Place original(s).
 - Refer to **Placing Originals** (see page 14).

- Press the **Fax** key.

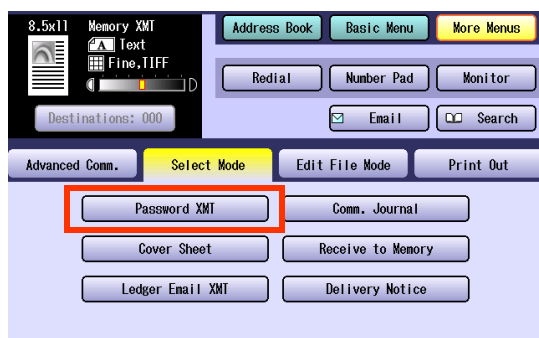
- Select “**More Menus**”.



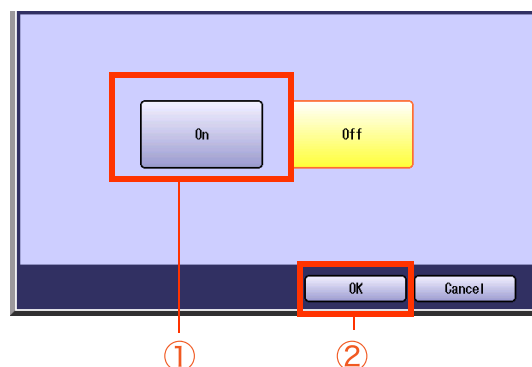
- Select “**Select Mode**”.



- Select “**Password XMT**”.



- Select “**On**”, and then select “**OK**”.



On	Select to perform Password-protected transmission.
Off	Select not to perform Password-protected transmission.

- Set “**Quality Adj.**” as required.

- Refer to **Setting Original Quality** (see page 34).

- Select a destination.



- Refer to **Entering a Destination** (see page 20).
- Select an address, except the address registered for Relayed transmission.

- Press the **Start** key.

Password-protected transmission starts.

- The transmission fails if the password of both units does not match.

Setting Password-Protected Transmission

To always utilize Password-protected transmissions, follow the steps below.

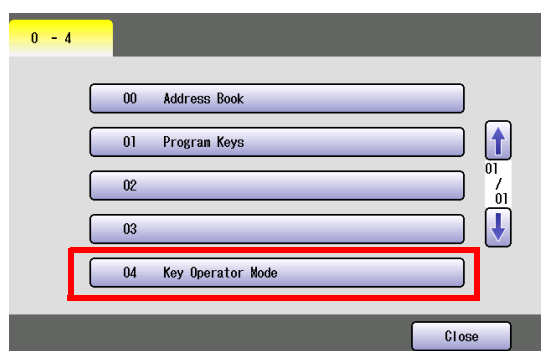
NOTE

- You must program a password (4 digits) in advance.

1 Press the **Function** key to open the Function Parameters screen.

2 Select “Fax/Email Settings”.

3 Select “04 Key Operator Mode”.

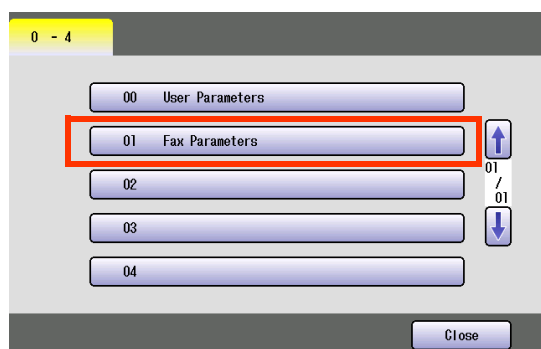


4 Enter the Key Operator password, and then select “OK”.

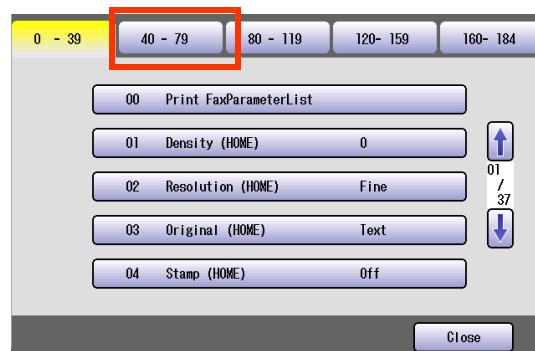


- If you make a mistake, press the **Clear** key or select “Back Space” to delete.

5 Select “01 Fax Parameters”.



6 Select “40-79”.

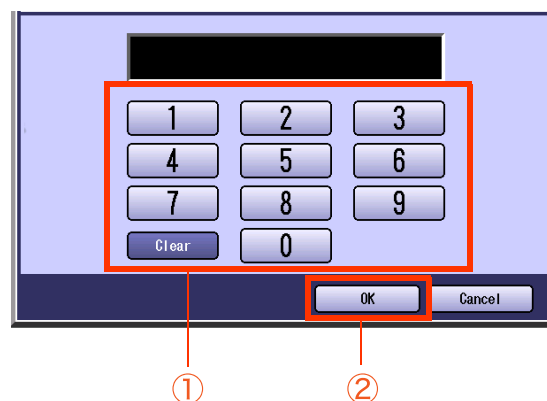


- You can also proceed to step 8 by entering 43 with the Keypad and pressing the **Start** key.

7 Select “43 Password-Transmit”.

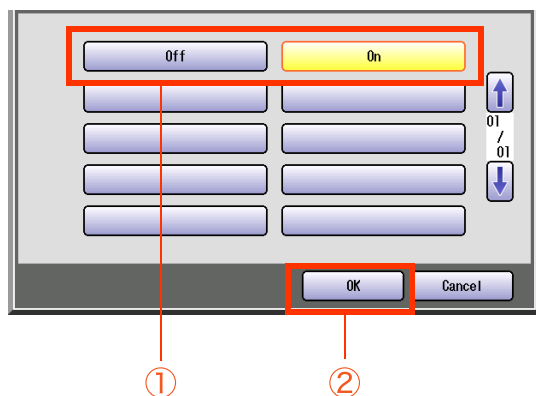


8 Enter the password (4 digits), and then select “OK”.



- If you make a mistake, select “Clear” to delete.

9 Select “On” or “Off”, and select “OK”.



- You can change the setting temporarily in “**Password XMT**” of “**More Menus**” for each transmission (see page 81).
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Printing Communication Journal

The communication journal can be printed at the end of each transmission communication.

- If “**Comm. Journal**” is set to “**On**” in “**More Menus**”, a communication journal is printed at the end of each transmission communication.
- For instructions on how to read the communication journal, refer to **Communication Journal** (see page 201).

```

***** - Comm. Journal- ***** Date MMM-dd-yyyy ** Time 15:00 *****

Mode =   Memory Transmission           Start = MMM-dd 14:50           End = MMM-dd 15:00

File No.= 050

STN      Comm. Key Name                Station Name/Email Address/Telephone No.  Pages    Duration
No.
001      OK  [SERVICE                  ] SERVICE DEPT                        001/001   00:01:30
002      OK  [SALES DEPT                ] SERVICE DEPT                        001/001   00:01:25
003      407 [ACCOUNTING                 ] SERVICE DEPT                        000/001   00:01:45
004      Busy ☎                        021 111 1234                        000/001   00:00:00

- PANASONIC -
*****DP-XXXX ***** - HEAD OFFICE - ***** - 201 555 1212 - *****

THE SLEREXE COMPANY LIMITED
SAPORS LANE . BOOLE . DORSET . BH 25 8 ER
TELEPHONE BOOLE (945 13) 51617 . TELEX 123456

Our Ref. 350/PJC/EAC                                18th January, 1972.

Dr. P.N.Cundall,
Mining Surveys Ltd.,
Holroyd Road

tions of print density,
cause the photocell to generate an analogous electrical video signal.
this signal is used to modulate a carrier, which is transmitted to
remote destination over a radio or cable communications link.

At the remote terminal, demodulation reconstructs the video
signal, white is used to modulate the density of print produced by a
printing device. This device is scanning in a raster scan synchronised
with that at the transmitting terminal. As a result, a facsimile
copy of the subject document is produced.

Probably you have used for this facility in your organisation.

Yours sincerely,

Phil.
P.J. CROSS
Group Leader - facsimile Research

```

NOTE

- Your machine is preset to print the communication journal only when transmission has failed. Refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- The document image for the Direct transmissions is not printed in the communication journal.

- 1 Place original(s).
 - Refer to **Placing Originals** (see page 14).

- 2 Press the **Fax** key.

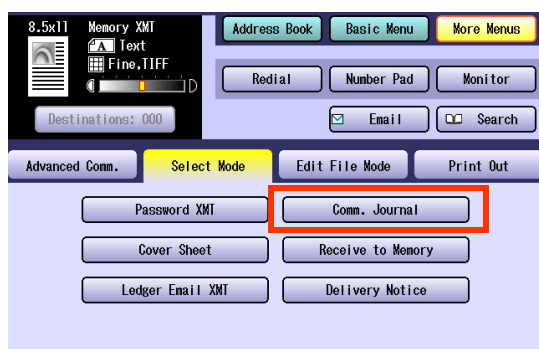
- 3 Select **"More Menus"**.



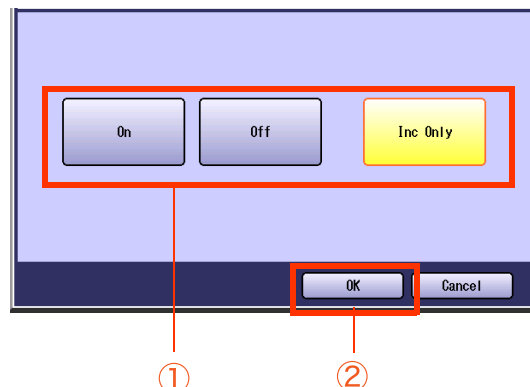
- 4 Select **"Select Mode"**.



- 5 Select **"Comm. Journal"**.



- 6 Select **"On"**, **"Off"**, or **"Inc Only"**, and then select **"OK"**.

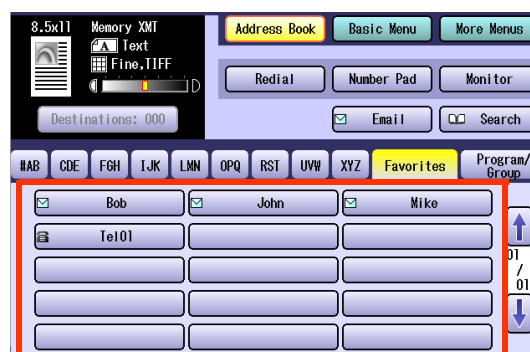


	Select to print a communication journal after each transmission.
	Select not to print a communication journal.
	Select to print a communication journal only when transmission has failed.

- 7 Set **"Quality Adj."** as required.

- Refer to **Setting Original Quality** (see page 34).

- 8 Select a destination.



- Refer to **Entering a Destination** (see page 20).

- 9 Press the **Start** key.

Transmitting a Document with a Cover Sheet

Documents can be transmitted with a cover sheet stating the date and time of the transmission, destination station name, and total number of pages.

Sample Fax Cover Sheet

***** Facsimile Cover Sheet *****

MMM-dd-yyyy 15:00

Message To:

SALES DEPT.

Message From:

PANASONIC

201 555 1212

01
Page(s)
Following This Cover Page

Text Area
60 characters
for 1 line
(Up to 10 lines)

- NOTE
- The cover sheet is excluded from the total page count in the transaction journal.
 - The cover sheet can be printed with texts programmed by users. (Up to 10 lines are available.)
 - 60 characters can be programmed for 1 line, and up to 600 characters can be printed on the cover sheet.
 - Characters are written from left to right. (The dotted lines will not be printed.)
 - The standard setting of a cover sheet can be changed with the Function Parameter “**56 Cover Sheet (HOME)**” (Fax/Email Settings > Fax Parameters). To modify the standard setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

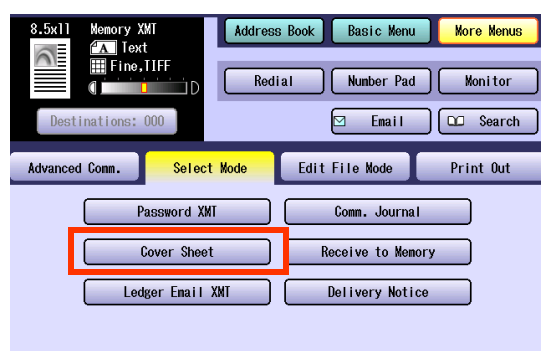
- 1 Place original(s).
 - Refer to **Placing Originals** (see page 14).
- 2 Press the **Fax** key.
- 3 Select **"More Menus"**.



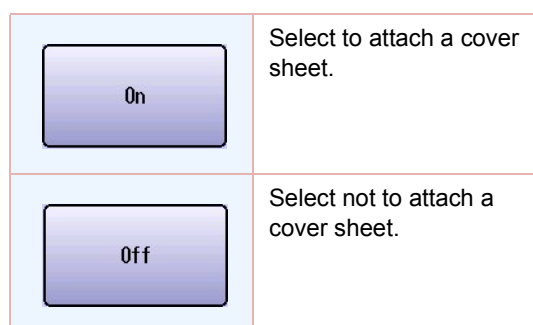
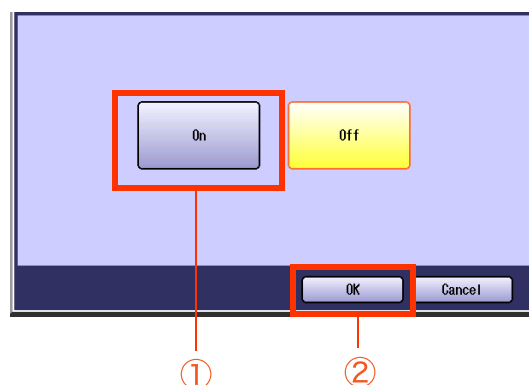
- 4 Select **"Select Mode"**.



- 5 Select **"Cover Sheet"**.



- 6 Select **"On"**, and then select **"OK"**.



- 7 Set **"Quality Adj."** as required.
 - Refer to **Setting Original Quality** (see page 34).
- 8 Select a destination.



- Refer to **Entering a Destination** (see page 20).
- 9 Press the **Start** key.
- The transmission of the document with a cover sheet starts.

Receiving Documents

There are two ways to receive fax calls on this machine.

Automatic Reception

The machine receives documents automatically. The machine answers all incoming calls (including voice calls).

Manual Reception

When your telephone rings, lift the handset of the external telephone. If you hear a beep from the phone, it means someone wants to initiate a fax call. Or, if the caller answers and says he/she wants to initiate a fax call, press the **Start** key and then hang up the handset. Refer to **Manual Reception** (see page 89).

Automatic Reception

This mode is recommended when the telephone line is used only for fax.

- Set the Function Parameter “**17 Receive Mode**” (Fax/Email Settings > Fax Parameters) to “**Auto**”.
- When an incoming call is received, the machine starts receiving documents automatically.

Manual Reception

When your machine is set to this mode, it will not receive documents automatically. After you answered the call, you can receive a fax.

- Set the Function Parameter “**17 Receive Mode**” (Fax/Email Settings > Fax Parameters) to “**Manual**”.

- 1** When your telephone rings, lift the external telephone handset.
- 2** If a document is loaded on the ADF, remove it.
- 3** When you hear a beep, press the **Start** key.
- 4** Hang up the phone.
 - If you hang up the phone before pressing the **Start** key, the telephone connection will be terminated.

Print Reduction and Duplex Recording

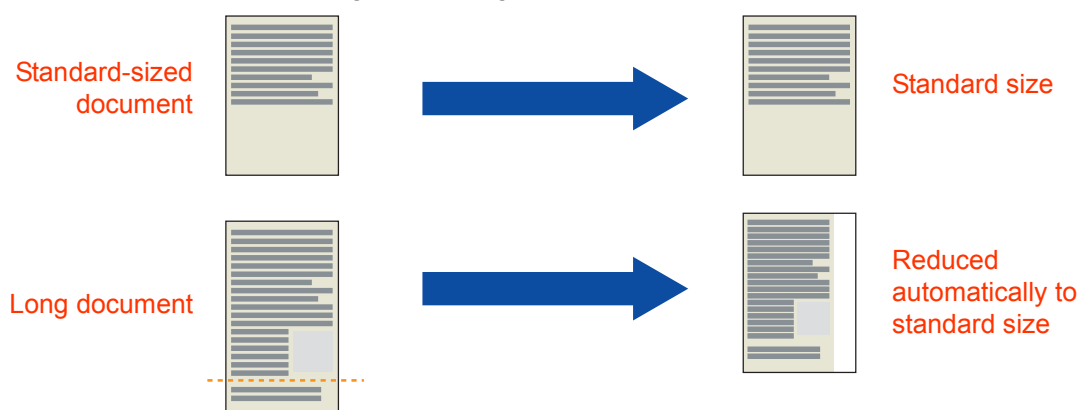
Print Reduction

This machine can use Letter, Legal, A4, B4 or A3 size plain paper for recording. Sometimes, oversized documents sent to you by the other parties cannot be printed within a single page. If this happens, the document will be divided into separate pages.

This machine is equipped with the Print Reduction function to solve this problem. You may select the most appropriate setting described below.

■ When Print Reduction is Set to “Auto”

If the Function Parameter “**24 Print Reduction**” (Fax/Email Settings > Fax Parameters) is set to “**Auto**”, it prints incoming documents reduced in size from 70 to 100% (in increments of 1%) to fit them within the preset paper size according to the length.

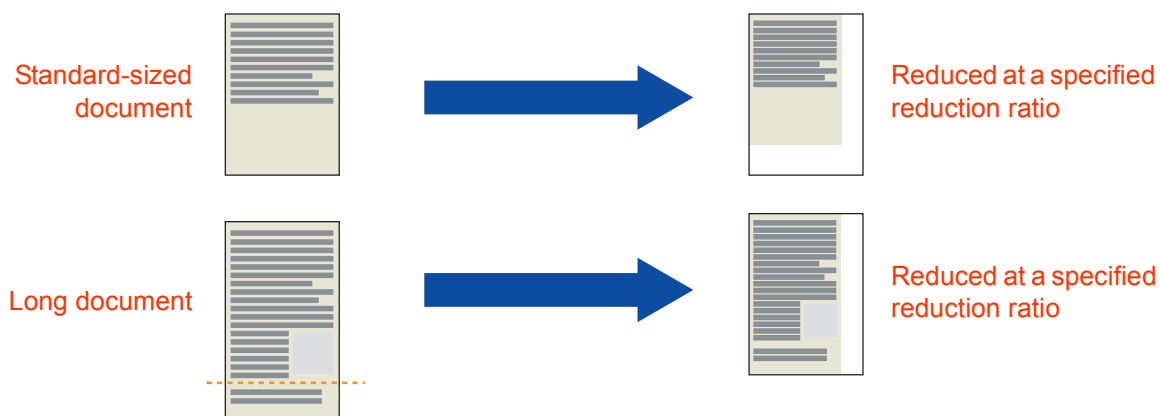


NOTE

- The standard setting of “**24 Print Reduction**” is set to “**Auto**”. For instructions on how to change the standard setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- When the machine receives a long document (longer than the paper size by 39% or more), it prints the document in multiple pages with the 10 mm (0.39") of the bottom margin of the first page overlapping the 10 mm (0.39") top margin of the next page.

■ When Print Reduction is Set to “Fixed”

With the Function Parameter “**24 Print Reduction**” (Fax/Email Settings > Fax Parameters) set to “**Fixed**”, the machine prints all incoming documents reduced at the reduction ratio pre-programmed in the Function Parameter “**25 Reduction Ratio**” (Fax/Email Settings > Fax Parameters). The fixed reduction ratio can be programmed between 70 and 100% (in increments of 1%).

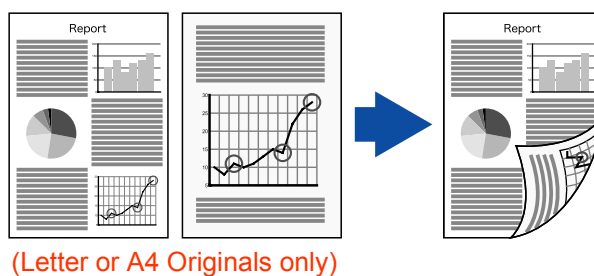


NOTE

- The standard setting of “**25 Reduction Ratio**” is set to “**100**” (%). For instructions on how to change the standard setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

Duplex Recording

When the Function Parameter “**95 Duplex Print**” (Fax/Email Settings > Fax Parameters) is set to “**Valid**”, the received multi documents are printed on both sides of paper.



(Letter or A4 Originals only)

NOTE

- The standard setting of “**95 Duplex Print**” is set to “**Invalid**”. For instructions on how to change the standard setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

Substitute Memory Reception

When your machine cannot print an incoming document for some reasons, such as when it runs out of paper/toner, or paper has jammed, the received document is saved in memory automatically. This feature is called “Substitute Memory Reception”.

When a received document is saved in memory as substitute memory reception, the message “Message in Memory” appears on the Touch Panel Display.

The saved documents will be printed automatically when you replenish the paper and toner and/or clear the jammed paper.

If a document has been saved in memory due to substitute memory reception



NOTE

- The available memory size is limited. Replenish the paper and toner and/or clear the jammed paper before the memory becomes full.
- The standard setting of the Function Parameter “**22 Substitute RCV**” (Fax/Email Settings > Fax Parameters) is set to “**Valid**”.
For instructions on how to change the standard setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

Memo

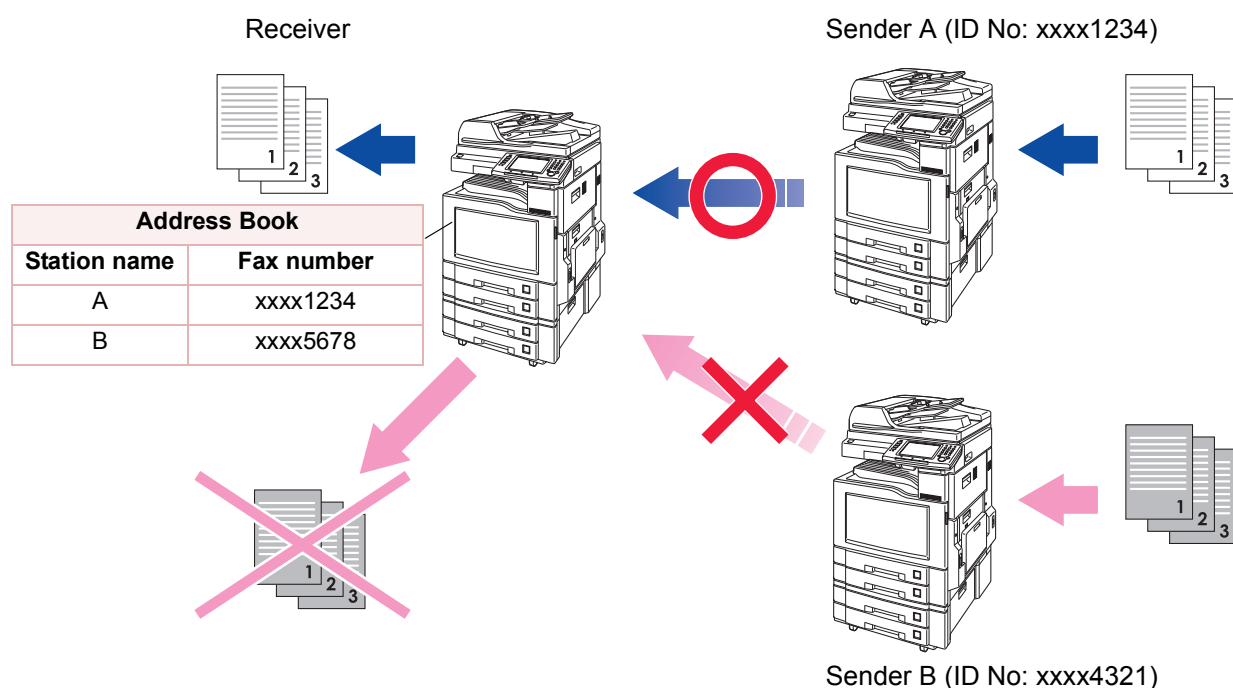
Convenient Reception Features

This machine supports certain convenient-to-use reception features. Program these features as required.

Selective Reception

Your machine has the Selective Reception function which can prevent receiving unnecessary documents (junk fax and direct mail, etc.).

Before receiving the document, the last 4 digits of the ID number received from the sending machine will be compared with the last 4 digits of the telephone number programmed in the Address Book of each station. When a match is found, your machine will start receiving the document. If a match is not found, your machine will cancel the reception.

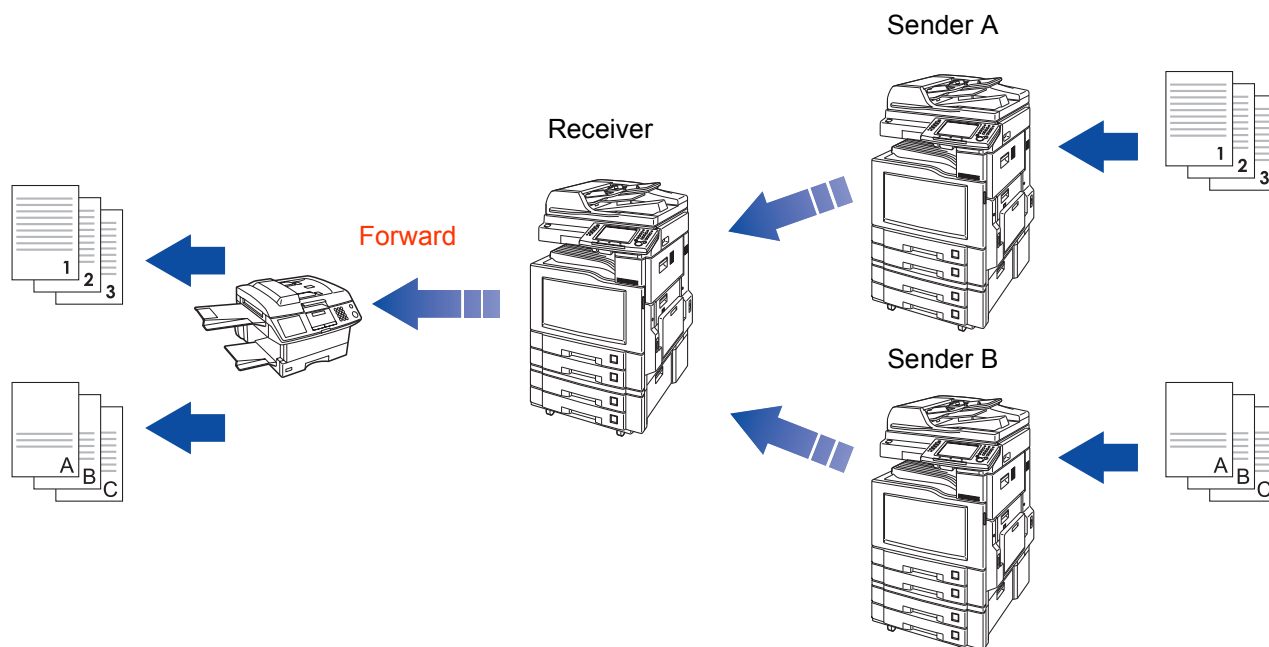


NOTE

- The standard setting of the Function Parameter **"46 Select Receive"** (Fax/Email Settings > Fax Parameters) is set to **"Invalid"**. For instructions on how to enable the Selective Reception feature, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- This feature requires the registration of all possible sending stations in the Address Book. Refer to **Adding a Fax Number into the Address Book** (see page 177).
- Selective reception will not work if the fax number is not set in the sender's numeric ID, or the sender's numeric ID is not programmed at all. You need to advise to include the fax number (fax telephone number) in the numeric ID to the sender who you want to receive faxes from.
- The remote machines to which you send faxes may also have the Selective Reception feature pre-programmed.

Fax Forwarding

This feature allows all incoming faxes to be forwarded to the station registered in the Address Book. It is convenient when you want to receive fax calls at a location away from your office (such as your home) at night or during holidays.



NOTE

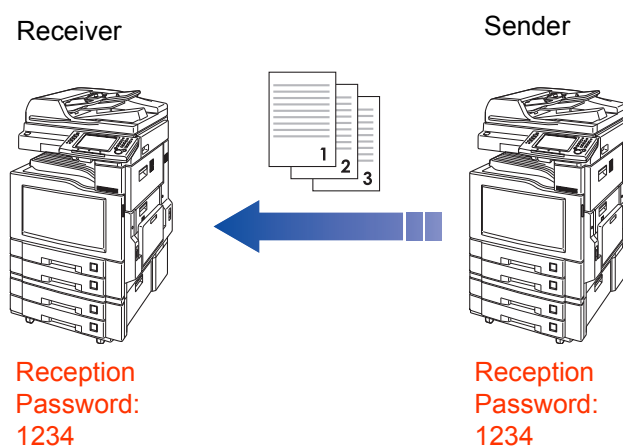
- The standard setting of the Function Parameter “**54 Fax Forward**” (Fax/Email Settings > Fax Parameters) is set to “**Invalid**”. For instructions on how to enable the Fax Forward feature, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- When the Fax Forward feature is set, the station programmed in the Address Book is restricted from editing. To change a programmed destination, follow the steps below.
 1. Set the Function Parameter “**54 Fax Forward**” (Fax/Email Settings > Fax Parameters) to “**Invalid**”.
 2. Change the station entered in the Address Book or pre-programmed in the program dialing.
 3. Reset the Function Parameter “**54 Fax Forward**” (Fax/Email Settings > Fax Parameters) to “**Valid**”.
- When Fax forwarding fails, for example, calling a busy station, the received document will be printed and is deleted from the memory.
- Fax forwarding will be disabled if the machine has 5% or less of memory remaining.

Password-Reception

Password reception will prevent receiving fax from unauthorized stations.

To use the Password Reception function, you must set a 4-digit receiving password in advance. The password must be shared with the other compatible Panasonic machine(s). If the password in your machine does not match the receiving password in the other compatible Panasonic machine(s), the reception will fail.

Password reception can be enabled by programming the Function Parameter **"44 Password-Receive"** (Fax/Email Settings > Fax Parameters). Refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.



ATTENTION

- This feature works only if the remote station is any one of the following compatible Panasonic models:

DP-180	DP-190	DP-1820E	DP-1820P	DP-2330	DP-3030	DP-3530	DP-4530
DP-6030	DP-8020P	DP-8020E	DP-8035	DP-8045	DP-8060	DP-C213	DP-C262
DP-C263	DP-C264	DP-C265	DP-C266	DP-C305	DP-C306	DP-C322	DP-C323
DP-C354	DP-C405	DP-C406					
DX-800							
UF-6000	UF-9000						

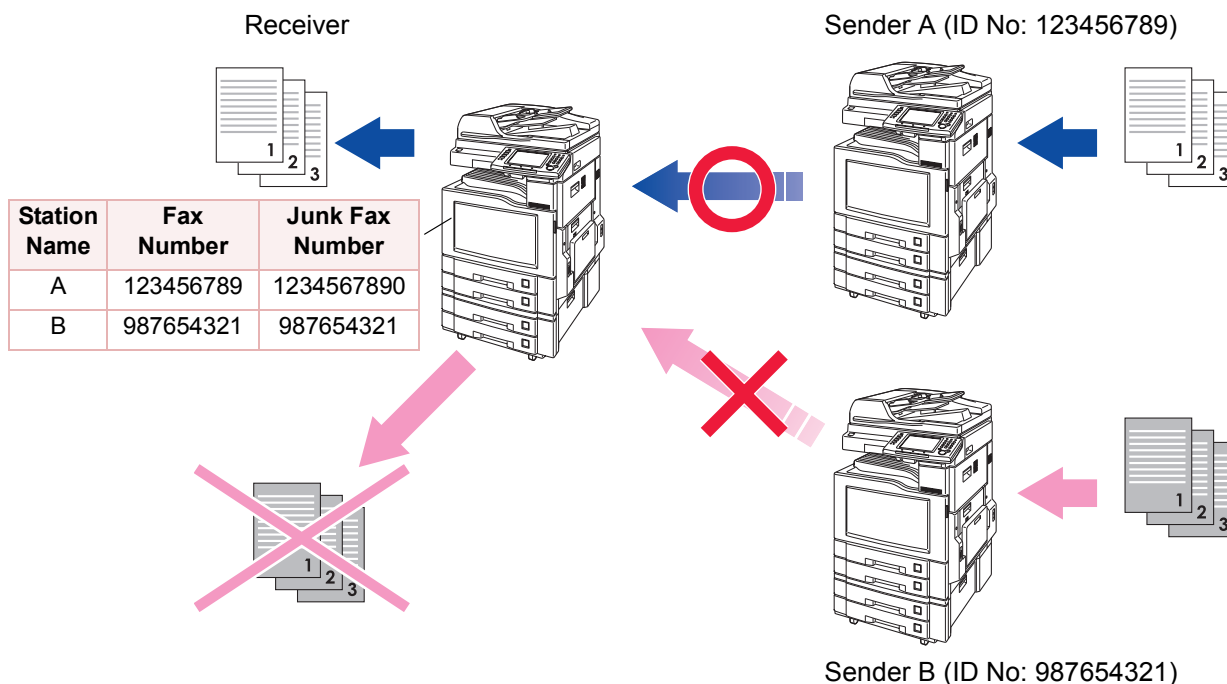
NOTE

- The standard setting of the Function Parameter **"44 Password-Receive"** (Fax/Email Settings > Fax Parameters) is set to **"Off"**. For instructions on how to enable the Password Reception feature, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

Junk Fax Filter

This machine can filter incoming faxes to prevent receiving unnecessary documents (junk fax, etc.).

Before receiving the document, the sender's numeric ID (fax number) will be compared to the numbers registered as junk fax numbers in the receiving station. If the fax number is found in the registry, the machine will cancel the reception.



NOTE

- The standard setting of the Function Parameter “**135 Junk Fax Filter (00 Junk Fax Filter)**” (Fax/Email Settings > Fax Parameters) is set to “**Invalid**”. For instructions on how to enable the Junk Fax Filter feature, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- This feature requires the registration of junk fax numbers. For more information, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- This machine receives documents from senders whose fax number is not registered in the numeric ID if “**135 Junk Fax Filter (01 Receive without ID No.)**” is set to “**Valid**”. For more information, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- The sender's numeric ID and received time can be printed on the faxes. For more information, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- The remote machines you send faxes to may also have set the Junk Fax Filter function.

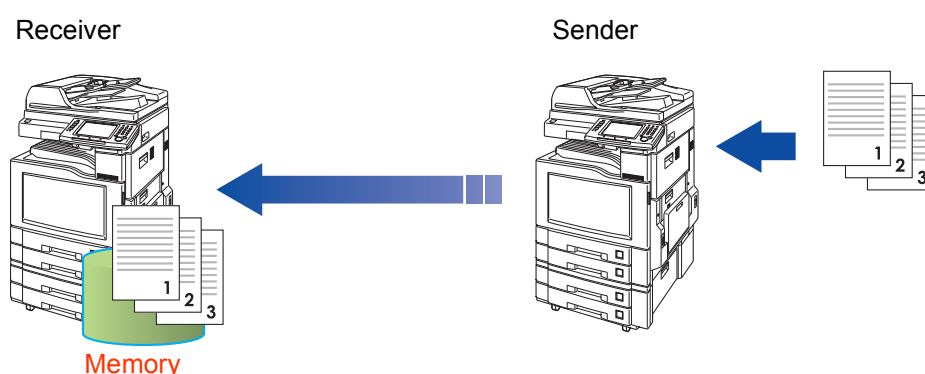
Receive to Memory

What is Memory Reception?

Memory reception allows all incoming documents to be stored in memory, instead of printing them onto the output tray.

- If the Memory Reception feature has been set in Function Parameters, the message “Receive to Memory” appears on the Touch Panel Display.
- Documents received in memory are printed when the pre-programmed password is entered. The received documents are deleted from memory when the printing completes.

This section explains how to program memory reception, and print documents received into the memory.



NOTE

- The standard setting of “**Receive to Memory**” is set to “**Off**” in “**More Menus**”.
- You can set the password in Function Parameters (Fax/Email Settings > Fax Parameters).
- When memory becomes full, the memory reception is aborted and the communication is canceled. Pages already received in memory can be printed.
- Once memory is full, incoming documents can no longer be received into memory.
- If “**Receive to Memory**” has been set to “**On**”, the memory reception password cannot be changed in Function Parameters. To change the password, follow the steps below.
 1. Set “**Receive to Memory**” to “**Off**” in “**More Menus**”.
 2. Change the password of the Function Parameter “**37 Receive to Memory**” (Fax/Email Settings > Fax Parameters).
 3. Set “**Receive to Memory**” to “**On**” in “**More Menus**”.

Programming Memory Reception

To enable memory reception, follow the steps below.

1 Press the **Fax** key.

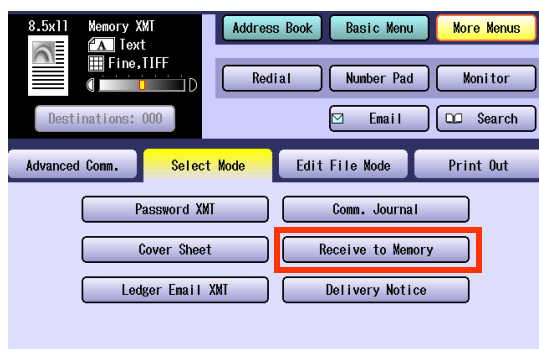
2 Select **"More Menus"**.



3 Select **"Select Mode"**.

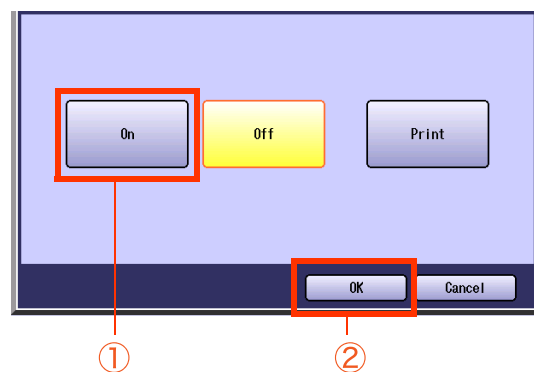





4 Select **"Receive to Memory"**.



5 Select **"On"**, and then **"OK"**.

Memory reception is programmed.



	Select to enable memory reception.
	Select to cancel memory reception.
	Select to print a document received in memory.

Printing a Document Received in Memory

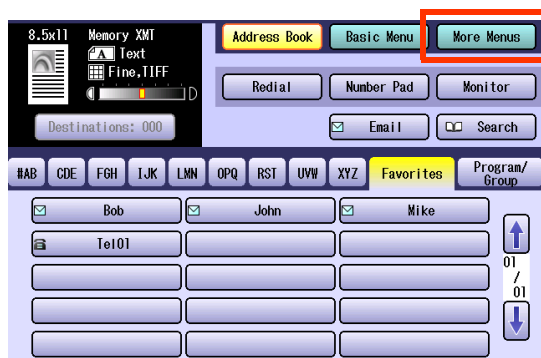
When a document is received in memory, a message is displayed.



To print a document received in memory, follow the steps below.

1 Press the **Fax** key.

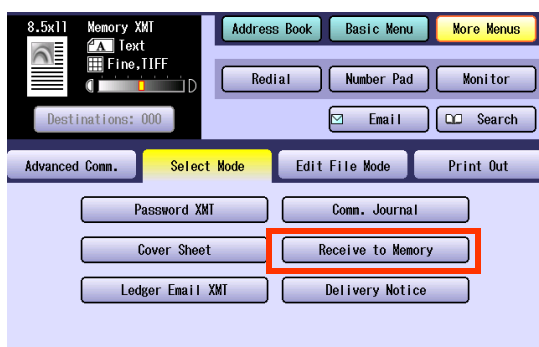
2 Select **"More Menu"**.



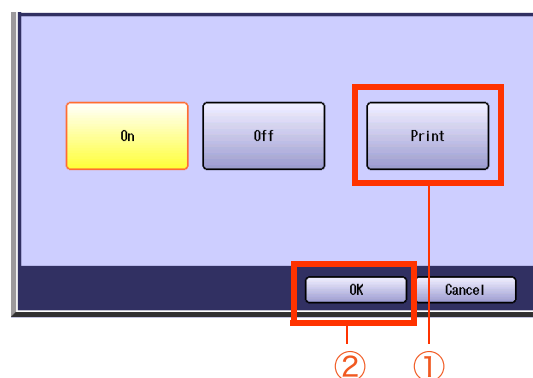
3 Select **"Select Mode"**.






4 Select **"Receive to Memory"**.

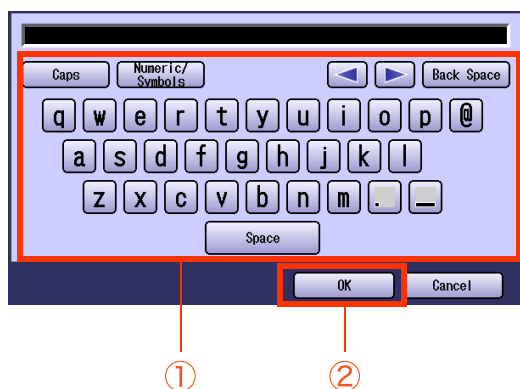


5 Select **"Print"**, and then **"OK"**.



	Select to enable memory reception.
	Select to disable memory reception.
	Select to print a document received in memory.

- 6 If a password is pre-programmed, enter the password (8 digits), and then select “OK”.



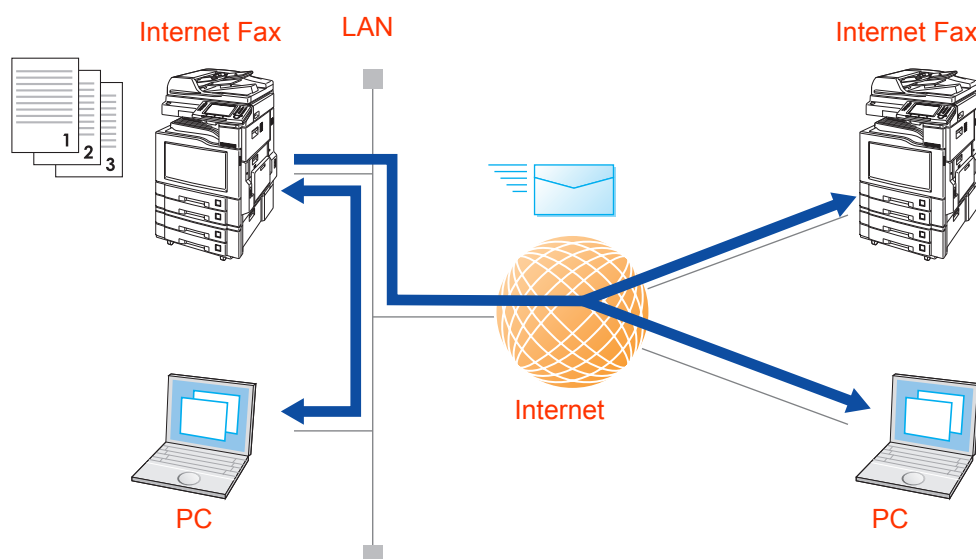
- This screen appears when the password is set in the Function Parameter “**37 Receive to Memory**” (Fax/Email Settings > Fax Parameters).
- The entered password is masked with “✖”.
- If you make a mistake, select “**Clear**” to delete entries one digit at a time.

What is Internet Fax?

What is Internet Fax?

It is a feature whereby scanned documents are transmitted to Internet Fax or to computers as Email. Internet Fax communicates via an Intranet or the Internet without using the telephone line.

This machine can be connected to 10 Base-T/100 Base-TX/1000 Base-T Ethernet LAN (local area network).



■ Sending Email

Scanned documents can be transmitted to an Internet Fax or a remote computer as files attached to an Email.

NOTE

- Refer to **Sending Email** (see page 104).
- Scanned documents are transmitted as attached files in the TIFF or PDF format.
The PDF format can be used only for transmitting documents from an Internet Fax to computers.
- The remote PC must support MIME to receive file attachment in the TIFF or PDF format.

■ Receiving Email

When an Email is received from an Internet Fax or a computer, the Email message is printed automatically with the image of the attached file.

NOTE

- Refer to **Receiving Email** (see page 105).

■ Routing

You can forward fax documents or Email to an Internet Fax or networked computers.

NOTE

- Refer to **Inbound Routing** (see page 105).

■ Transmitting to a Fax via a Relay Station (Relay Transmission)

Email can be transmitted as normal fax documents via a relay station. Email can also be broadcasted.

NOTE

- Refer to **Relay Transmission** (see page 106).

Using the Internet Fax Feature

To use the Internet Fax feature, a network cable must be connected to the machine, and the network environment must be properly configured in Function Parameters.

For setup instructions, refer to **Preparing to Use Internet Fax** (see page 112).

What Internet Fax Can Do

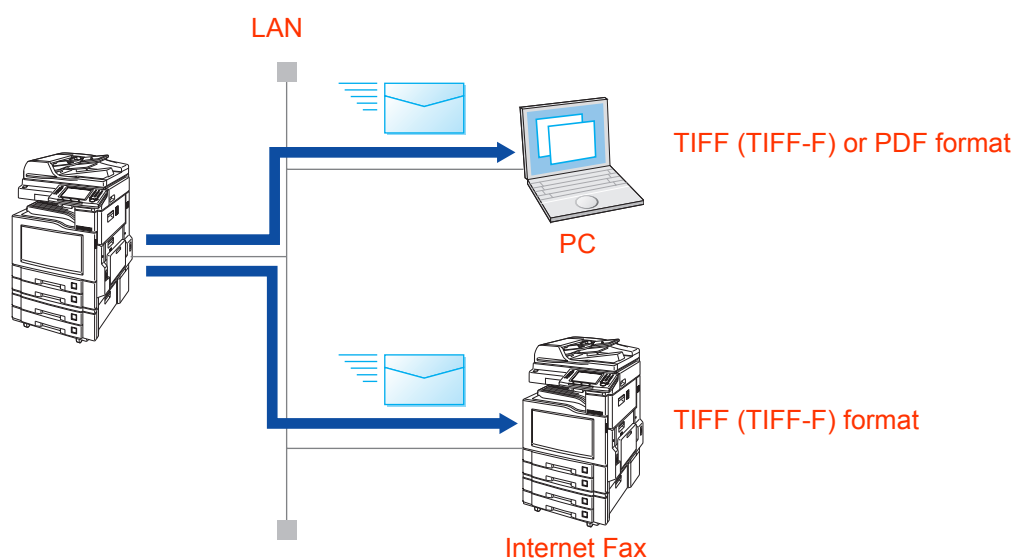
This section introduces the functions of the Internet Fax feature.

The Internet Fax feature not only sends and receives Email but also forwards fax documents via a telephone line and broadcasts them via a relay station.

Sending Email

A scanned document can be transmitted to an Internet Fax or a remote computer as an Email file attachment. Attached files must be in either of the following formats:

- **Internet Fax** : TIFF format (TIFF-F)
- **Computer** : Select either TIFF (TIFF-F) format or PDF format.

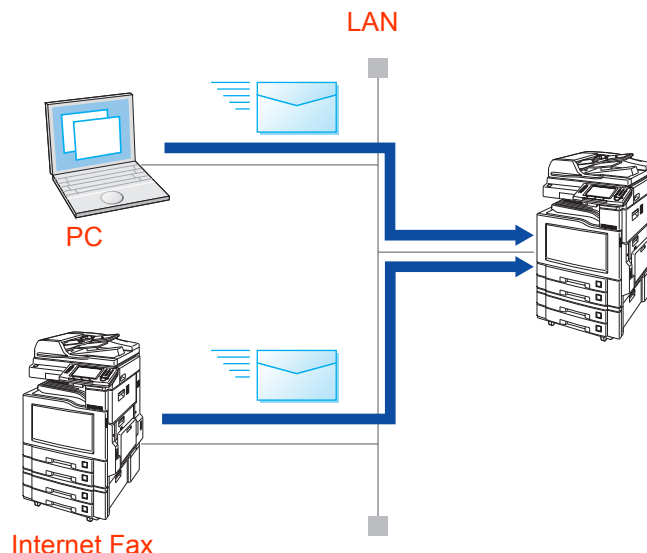


NOTE

- For more details on sending Email, refer to **Sending an Email Procedure** (see page 114).

Receiving Email

When this machine receives Email from an Internet Fax or a computer, it starts printing the Email automatically. If the Email has an attached file in a format that is not supported by the machine, an error message is printed to alert you that the machine cannot print the Email.

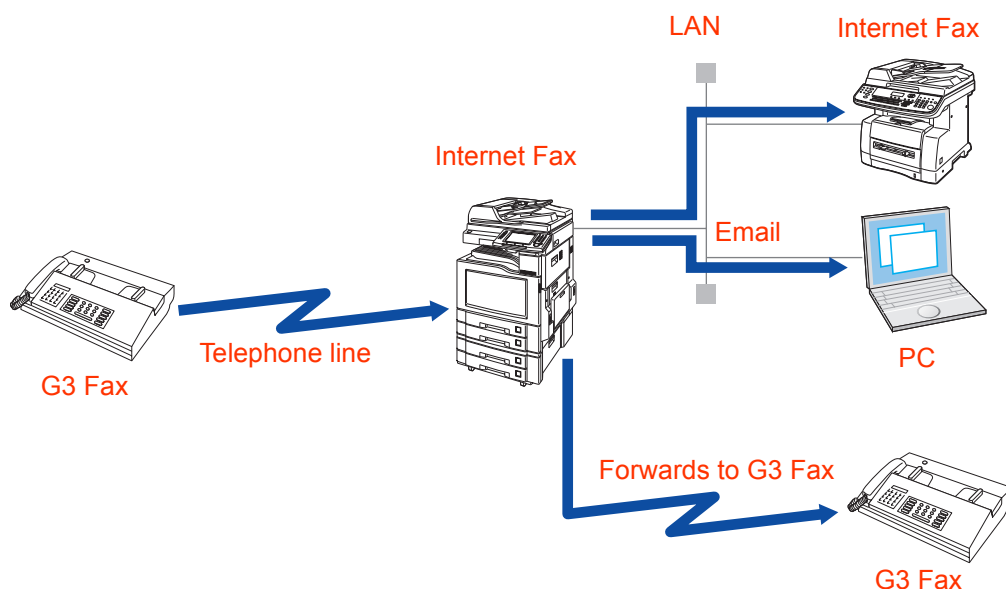


NOTE

- For instructions on how to receive Email, refer to **Receiving an Email** (see page 136).

Inbound Routing

A document received from a G3 fax station via a telephone line can be forwarded to a remote computer on the network, an Internet Fax, or G3 fax. The forwarding destination can be specified by sub-addressing, or the numeric ID of a fax station.



NOTE

- For more details about routing, refer to **Inbound Routing** (see page 142).

Relay Transmission

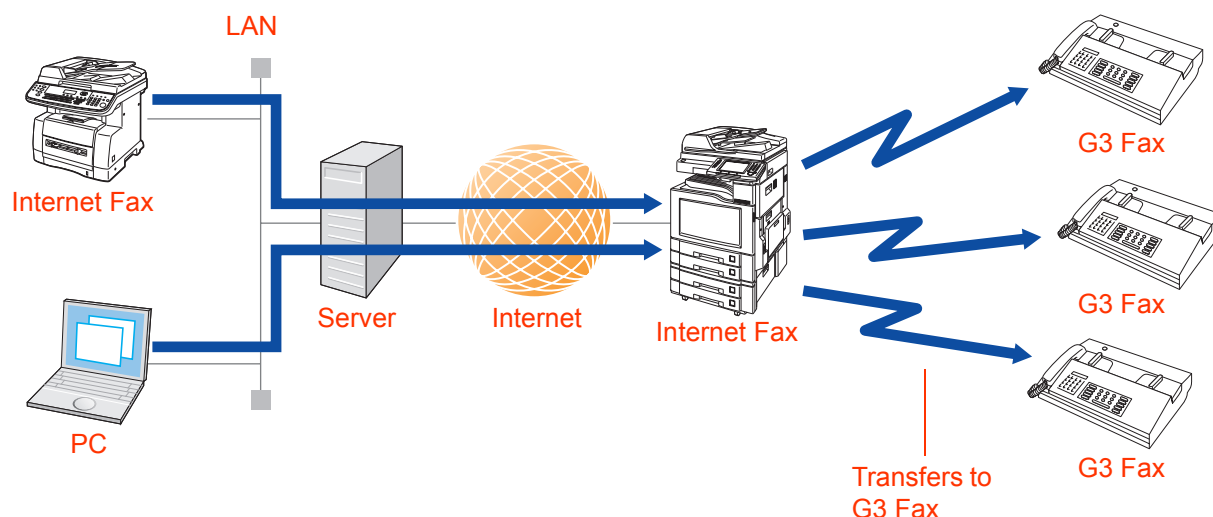
The Internet Relayed Transmission feature can save your time and transmission costs if you need to send the same documents to multiple G3 fax machines. This is especially true if the transmissions are long distance.

You can send documents to any G3 fax machine by using the Internet via a LAN from your machine to another relay station. You can also send an Email with attached TIFF-F file(s) to any G3 fax machine from your PC using your current Email application through a relay station.

To convert applications, such as spread sheet, into a TIFF-F format file, however, requires you to first download the software (TIFF converter) from the web site listed below.

<http://panasonic.net>

Ex: Internet Relay Transmission



ATTENTION

- When requesting Relay transmission from a computer, it is necessary to transmit the file in the TIFF-F format.
- The application software is available from the download site. Refer to **Convenient Application Software** (see page 162).

NOTE

- For more details on the Relay Transmission feature, refer to **Using the Relay Feature** (see page 148).

Message Delivery Notice (MDN)

If the sender (Internet Fax) desires a processing confirmation, it must request a Message Delivery Notice when sending the message to a device supporting the notification function.

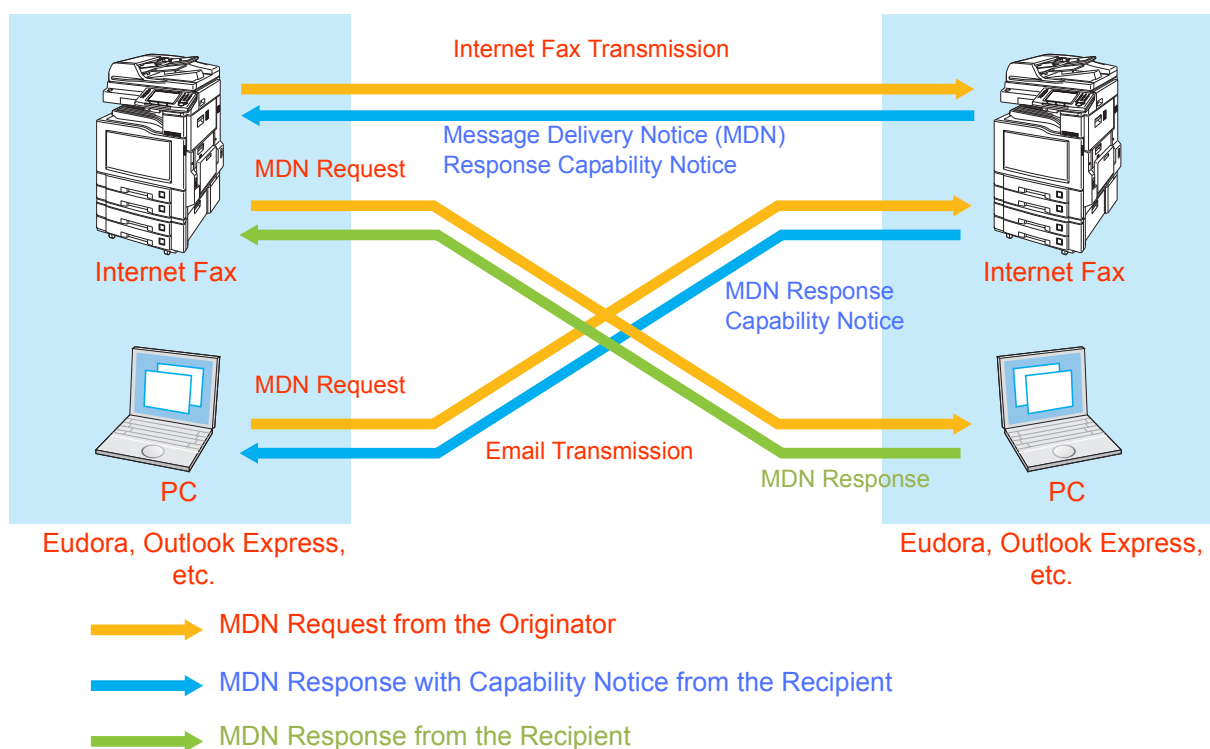
Several Email applications such as Eudora® and Outlook® Express support and are able to respond to the delivery confirmation notification sent from the Internet Fax, as well as sending a request for notification to the Internet Fax by Email applications that support the Message Disposition Notifications function.

■ If the Receiving Station is an Internet Fax Station

A Message Delivery Notice (MDN) with communication capability notice is returned to the sender.

■ If the Receiving Station is a Computer

An MDN response Email message is transmitted to the sender.



NOTE

- This feature can be used when the receiving station supports the Message Delivery Notice (MDN) feature.
- To enable this feature, refer to **Setting Message Delivery Notice (MDN)** (see page 132).

Direct Internet Fax Transmission (Using Direct SMTP)

Email is normally distributed by an SMTP mail server using Simple Mail Transfer Protocol (SMTP).

In common cases, only Internet Email and Web service are permitted into the corporate intranet, and corporate network administrators are extremely unwilling to open the firewall for other incoming services, since each opened path represents additional potential security threats.

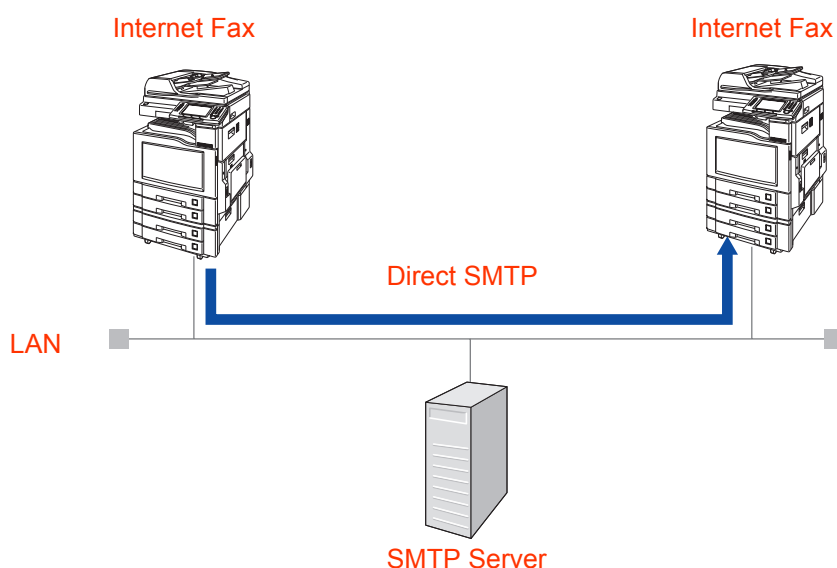
The Direct Internet Fax feature enables documents to be directly exchanged between Internet Fax stations without the intervention of an SMTP mail server. This will reduce workload of SMTP mail server.

Use of this feature requires that IP Addresses always have to be kept unique. Certain information, such as the domain name of this machine, also needs to be properly pre-programmed in the DNS server.

To use the Direct Internet Fax feature, set the Function Parameter “**172 Direct IFax XMT**” (Fax/Email Settings > Fax Parameters) to “**Valid**”.

NOTE

- For more details on the network configuration, contact your network administrator.



Memo

Tips for Internet Fax

Your machine uses the same communication protocols as Email: the Simple Mail Transfer Protocol (SMTP).

The differences from a standard G3 fax communication using the Public Switched Telephone Network (PSTN) are as follows.

■ Differences between Internet Fax and Fax Stations on the Telephone Line

Fax stations connected to the telephone line transmit data over a telephone line at their own expenses.

Internet Fax, on the other hand, breaks down image data into packets, and transmits them from a LAN to the Internet or an Intranet without using a telephone line, thus the telephone bills on long-distance calls can be saved.

■ When Email Transmission Fails

- Your machine does not directly connect to the final destination, but rather connects to a mail server via LAN. Therefore, if a document cannot be correctly transmitted due to an error, the error mail may be returned from the mail server to your machine.
- Error mail may take a long time to return (20 to 30 minutes normally) depending on the location of the remote stations, the degree of line congestion on the Internet, or the network configuration and so on.
- Depending on the mail server, it is possible that erroneous mail is not returned at all. Therefore, when transmitting important or time sensitive documents, it is recommended that you follow up with a telephone call to confirm reception.
- Documents may not be transmitted to a remote station correctly if the remote station's mailer does not support MIME. Error mail may be returned depending on the type of the remote mail server.
- Documents consisting of multiple pages or including a large amount of image data may not be transmitted.

NOTE

- If the Function Parameter "**172 Direct IFax XMT**" (Fax/Email Settings > Fax Parameters) has been set to "**Valid**", documents are directly transmitted to Email addresses pre-programmed in the Address Book.
- This machine supports the Message Delivery Notice (MDN) feature. Program this feature when you want to make sure whether the Email you sent has reached the receiving station successfully. For more details, refer to **Message Delivery Notice (MDN)** (see page 107).

■ Telephone Calls Cannot Be Made via LAN

- Your machine can only make a phone call using a regular telephone line (if an external telephone is connected to your machine).
- Fax communication cannot be performed using Voice Over IP network communication.

■ Dual Port Communication

Your machine has dual port capability allowing simultaneous G3 fax communication over a telephone line (PSTN) and LAN Communication.

■ Transmission Resolution

In view of PC transmission, the standard setting of the resolution is set to **"Fine"**. If required, this setting can be changed to **"Std"** (see page 34).

■ Receiving Internet Email Messages

- Your machine can receive text Email from a PC, and print ANSI characters. It will print a "■" symbol if an unrecognized character is received.
- Received Email font and character size are fixed, and cannot be changed.
- Text Email will be printed at about 72 lines per page. It is recommended that you use A4/Letter size recording paper.
- Documents cannot be transmitted correctly if the destination mail server does not support the MIME protocol. Erroneous mail may not be returned depending on the mail server.

■ Sending a Document to a PC via LAN

When transmitting a document to an Email address, the following instructions are sent as text message in addition to the TIFF-F formatted image file.

Image data in the TIFF-F format has been attached to this Email. You can download the TIFF-F Image Viewer from the following URL addresses.

<http://panasonic.net>

- If the document(s) are sent in the PDF format, the following message is shown instead.
"Image data in PDF format has been attached to this email."

■ Relay Transmission

To prevent unauthorized stations from getting access to your relay station for Internet Relayed transmission, you must set up your network security. Enter the relay station name, which is concealed from the final destinations, and a manager's Email address for notification of all Internet Relayed transmissions.

■ Transmitted File Type Setting

PDF can be selected for file type attachment from **"File Type and Name"** in **"Basic Menu"**.

The PDF format can be chosen when sending scanned documents as an Email to a remote computer.

If a document is transmitted to an Internet Fax in the PDF format, the receiving Internet Fax station cannot print the attached file, resulting in an error.

Preparing to Use Internet Fax

To use the Internet Fax feature, your machine needs to be set up properly on your network. Please contact your network administrator for actual network setup.

Copy the Important Information form found in the Operating Instructions (For Administrator Setup), and ask your network administrator to complete the information on the form.

Program Network Parameters

The following network parameters need to be programmed on your machine by referring to the Operating Instructions (For Administrator Setup) of provided CD-ROM, and important information received from your network administrator.

■ Network Parameters

- TCP/IP Address of your machine
- TCP/IP Subnet Mask of your machine
- TCP/IP Address of the Default Gateway
- Host Name
- TCP/IP Address of the DNS Server (if not available, see Note)
- Email Address of your machine (see Note)
- Name or IP Address of the Default SMTP Mail Server
- SMTP Authentication Name (when the authentication with the SMTP server is required)
- SMTP Authentication Password (when the authentication with the SMTP server is required)

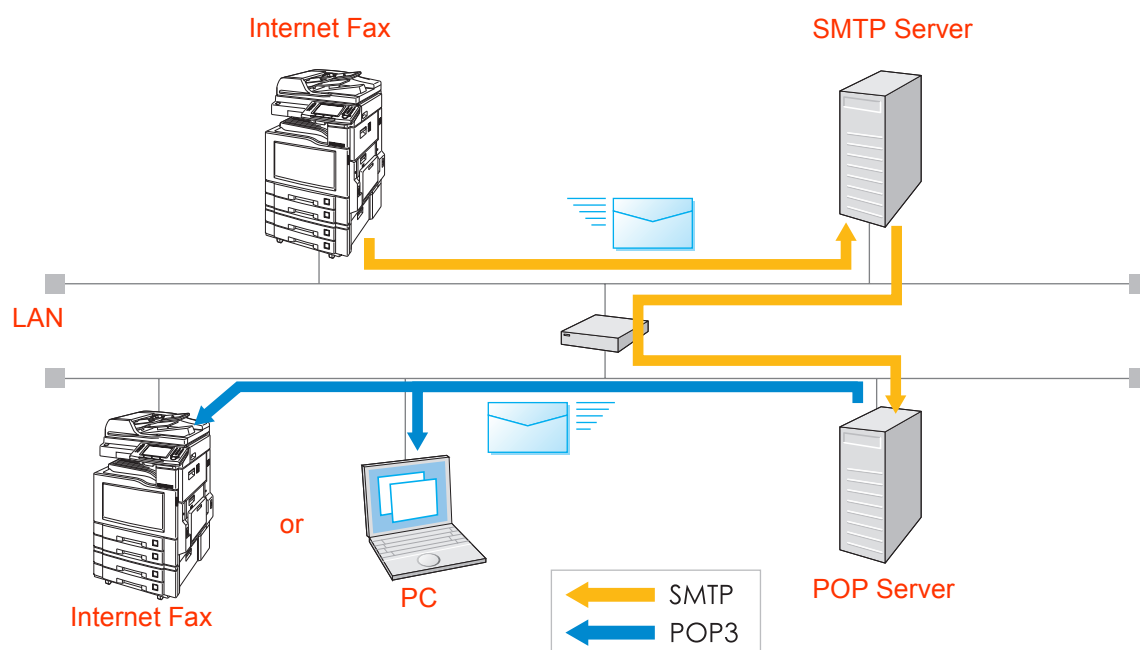
To program the above items, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM as well.

NOTE

- The Email address format can be same as your regular Email address. If your Email address is popuser001@panasonic.com, your machine's Email address can be Internet_Fax@panasonic.com.
- By default the machine requires the IP Address of the DNS server and prompts you to enter the SMTP server name.

■ Sending Email (This machine → Other Internet Fax machine or PC)

This machine → Other Internet Fax machine or PC



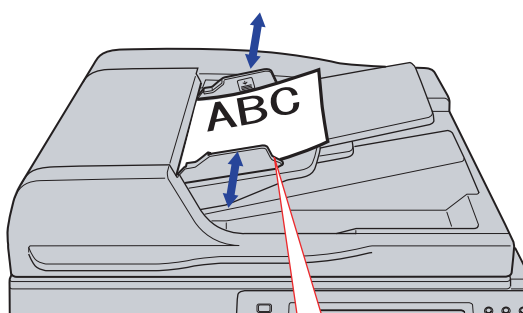
Sending an Email Procedure

The basic operation to send scanned originals as an Email is as follows.

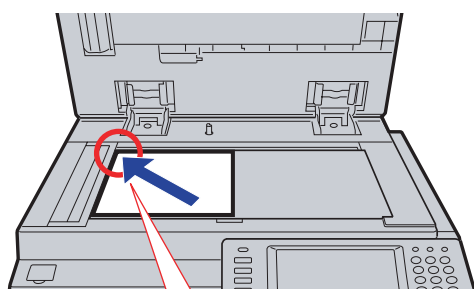
NOTE

- Check that the other party has Internet Fax capability before using this function.
- Email addresses and Fax stations can be mixed while entering the destinations.
Email would be transmitted to an Email address destination, while normal fax documents would be transmitted to a fax destination.

1 Place original(s).



Face up. Up to 100 sheets
(20 lb/Letter)



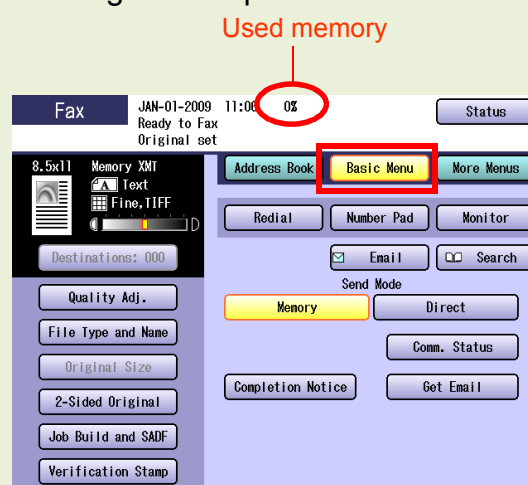
Face down. Align with top left
corner. Close ADF.

- Refer to **Placing Originals** (see page 14).

2 Press the **Fax** key to open the Fax screen.



Select "**Basic Menu**" if additional settings are required.



- **Setting Original Quality** (see page 34)
- **Setting a File Type and a File Name** (see page 128)
The PDF format can be used only for transmitting Email to remote computers.
Send Email in the TIFF format to an Internet Fax.
- **Setting Message Delivery Notice (MDN)** (see page 132)

Select "**More Menus**" if additional settings are required.



- **Deferred Transmission** (see page 60)
- **Emailing a Ledger-Sized Document** (see page 130)
- **Relayed Transmission from Internet Fax** (see page 158)

3 Select “Email”.



4 Enter an Email address by selecting “Keyboard”, or select a pre-programmed Email address.



- Refer to **Entering an Email Address** (see page 116).
- The Address Book is available only when destinations are registered (see page 177).
- Refer to **Using Cc, Bcc and From** (see page 124).

5 Press the **Start** key.



The original(s) are stored into memory with a file number. Then the Email transmission starts.

NOTE

- The scanned data is sent in black and white (Gray scale).
- If the transmission fails, an error mail is delivered from the mail server and printed on this machine. The error mail including an error message and an image of the first page of the transmitted document is received. Refer to **When Email Transmission Fails** (see page 134).
- For instructions on how to cancel a transmission, refer to **Canceling a Communication** (see page 56).
- When sending from the Platen Glass, place the next original, and follow the instructions described on the Touch Panel Display.
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.
- To print the transaction journal, refer to **Transaction Journal** (see page 197).

Entering an Email Address

Email addresses can be entered by any of the following methods:

Using the Onscreen Keyboard

Enter the Email address directly. (See below)

Using the Address Book

Use the pre-programmed Address Book.

Use a Key Name (See page 118)

Select from "Favorites" (See page 118)

Use Group Dialing (See page 119)

Searching for Destinations

Search the Address Book or Global Directory Service (LDAP).

Search through the Address Book (Local Search) (See page 120)
(Search by the first letter of a Station Name)

Search through the LDAP Server (LDAP Search) (See page 121)

Using the Onscreen Keyboard

To enter an Email address directly from the onscreen Keyboard, follow the steps below.

NOTE

- This function is not available when the Function Parameter "136 Restrict Direct Dial" (Fax/Email Settings > Fax Parameters) is set to "Valid".

1 Follow the step 1 and 2 on page 114.

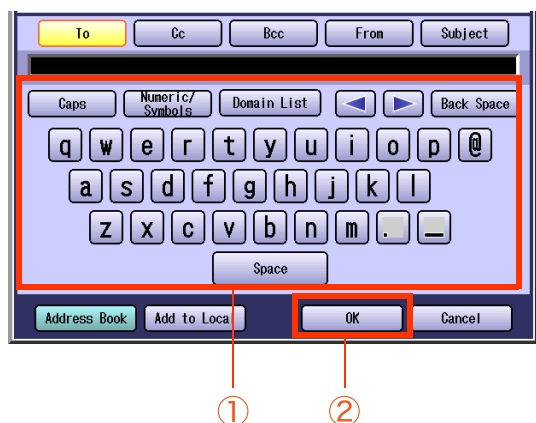
2 Select "Email".



3 On the Email screen, select "Keyboard".



4 Enter an Email address, and then select "OK".



- Each Email address can be up to 60 characters long.
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- To set multiple Email addresses, repeat steps 3 and 4.
- If you make a mistake, select "**Back Space**" to delete one digit at a time, or move the cursor to the beginning of the field, and then press the **Clear** key to delete the entire entry.
- When the Function Parameter "**137 Re-enter Direct Dial**" (Fax/Email Settings > Fax Parameters) is set to "**Valid**", enter the email address twice. For more details, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

There are three ways to enter Email addresses:

☐ Enter an Email Address Directly

Enter an entire Email address from the onscreen Keyboard.

☐ Use the Default Domain

When you enter an Email address, you can use the Default Domain if the Default Domain is pre-programmed in the machine beforehand.

- ① Enter the part of the Email address to the left of @, and then select "**OK**".

The default domain is automatically added to the Email address when the Email is sent.

Ex:

Input characters: abc

Sending Email Address: abc@panasonic.com

☐ Use the Domain List

When you enter an Email address, you can use the Domain List if you have pre-programmed the domain name you wish to enter.

- ① Enter the Email address up to @, and then select "**Domain List**".
- ② Select a domain name from the pre-programmed domain list.

Ex:

Input character string: abc@

Selected from the domain list:

abc@panasonic.com

5 Press the **Start** key.

The original(s) are stored into memory with a file number. Then the Email transmission starts.

Using the Address Book

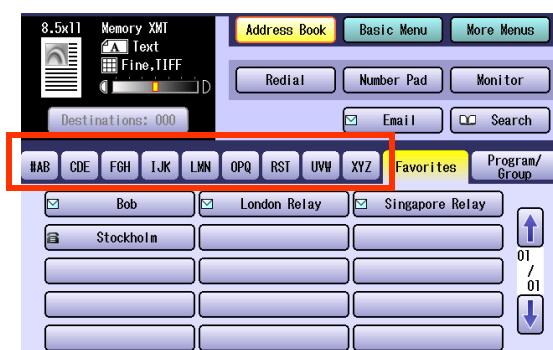
■ Use a Key Name

If an Email address is pre-programmed in the Address Book, it can be selected by using a Key Name.

NOTE

- To use the Address Book, it is necessary to have Email addresses added to the Address Book in Function Parameters. Refer to **Adding an Email Address to Address Book** (see page 180).

- 1 Follow the step 1 and 2 on page 114.
- 2 Select a Key Name tab.



- 3 Select the Email address you want to send to.



- Select the same destination to cancel a choice.
- To enter additional Email addresses, repeat steps 2 and 3.

- 4 Press the **Start** key.

The original(s) are stored into memory with a file number. Then the Email transmission starts.

■ Select from "Favorites"

If an Email address is pre-programmed in the "Favorites", it can be selected from "Favorites".

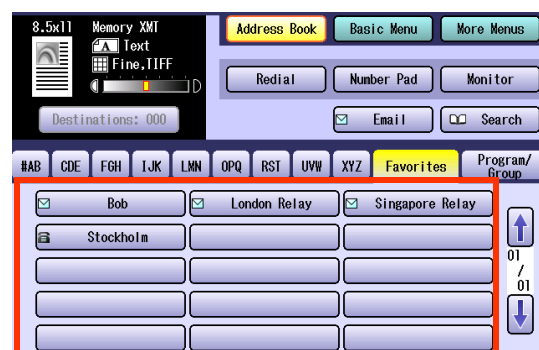
NOTE

- To use the Address Book, it is necessary to have Email addresses added to the Address Book in Function Parameters. Refer to **Adding an Email Address to Address Book** (see page 180).
- If there are any Email addresses added in the "Favorites", the Address Book opens the "Favorites" tab first.

- 1 Follow the step 1 and 2 on page 114.
- 2 Select "Favorites".



- 3 Select the Email address you want to send to.



- Select the same destination to cancel a choice.
- To add more Email addresses, select other addresses.

- 4 Press the **Start** key.

The original(s) are stored into memory with a file number. Then the Email transmission starts.

■ Use Group Dialing

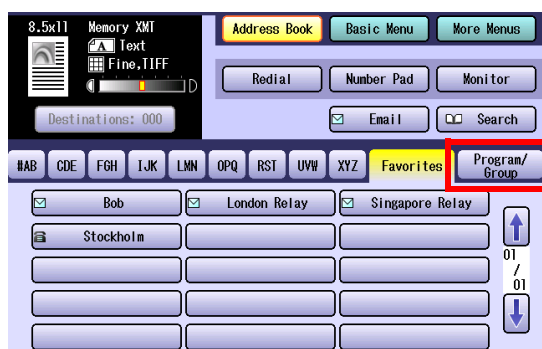
For transmission to multiple destinations with group dialing, follow the steps below.

NOTE

- To use a Group button, group dialing needs to be programmed in Function Parameters. Refer to **Setting for Group Dialing** (see page 189).

1 Follow the step 1 and 2 on page 114.

2 Select “**Program/Group**”.



3 Select the Group you want to send to.



- Select the same destination again to cancel a choice.

4 Press the **Start** key.

The original(s) are stored into memory with a file number. Then the Email transmission starts.

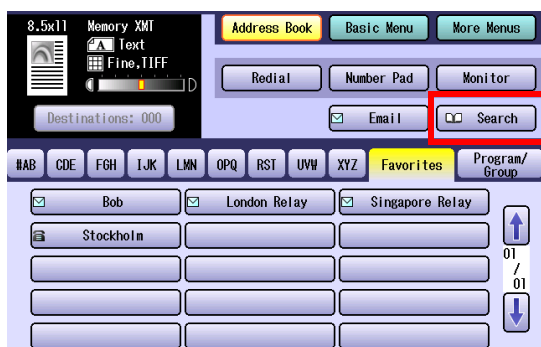
Searching for Destinations

■ Search through the Address Book (Local Search)

The Email address of a remote station programmed in the Address Book can be searched by its entry name.

1 Follow the step 1 and 2 on page 114.

2 Select “**Search**”.



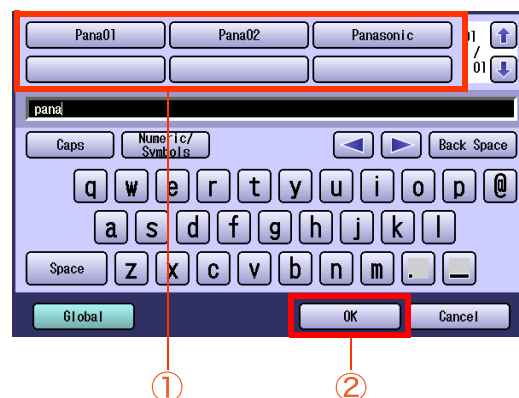
3 Enter the character string you want to search for.





- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

The Email addresses that match the character string are displayed.

4 Select the destination to which you want to send to, and then select “**OK**”.



- Select  or  to scroll through the search results.

5 Press the **Start** key.

The original(s) are stored into memory with a file number. Then the Email transmission starts.

■ Search through the LDAP Server (LDAP Search)

LDAP search is a feature that searches through the Address Book on an LDAP server on a network for fax numbers or Email addresses.

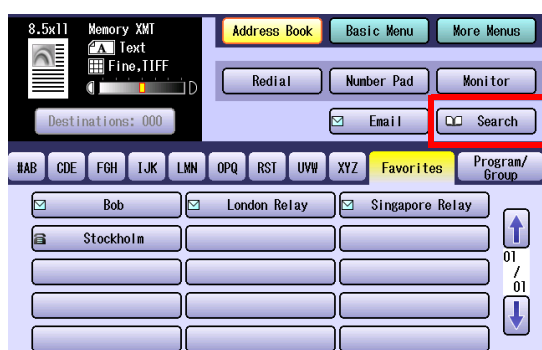
To find out whether the LDAP Search feature works in your particular environment, contact your network administrator.

NOTE

- An LDAP server must be configured before using the LDAP search function. For more details, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

1 Follow the step 1 and 2 on page 114.

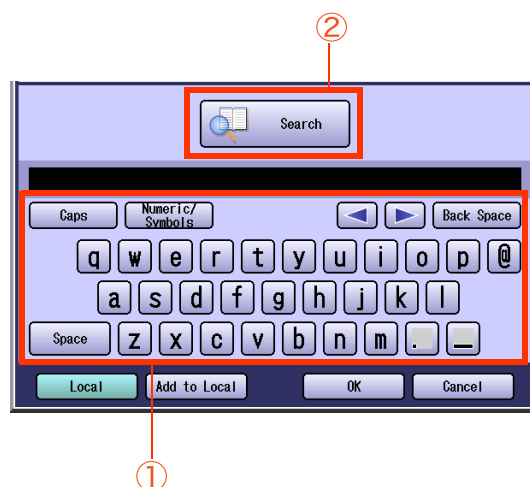
2 Select **"Search"**.



3 Select **"Global"**.



4 Enter a name or characters to search, and then select **"Search"**.

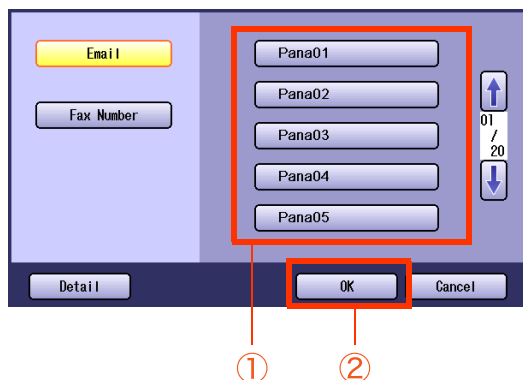




The search result appears.

- Email addresses and fax numbers can be searched.
- Select **"Local"** to return to the Address Book search screen.
- A message appears if there are more than 100 matches.
Select **"Yes"** to search by a more detailed keyword.
Select **"No"** to continue the search.
- A message appears if an error occurs while searching.

5 Select **"Email"**.

6 Select a destination, and then select "OK".



- Only one Email address can be selected at a time.
- You can switch between the Email addresses and fax numbers list by selecting "Email" or "Fax Number" on the screen.
- Select  or  to scroll through the search results.
- Select "Detail" to open the more detailed information screen. Select "Close" to exit the detailed information screen.



- To cancel a search, select "Cancel".
- To add the found Email address into the Address Book, select "Add to Local" on the LDAP search screen. Enter the entry name, and then select "OK".



7 Press the **Start** key.

The original(s) are stored into memory with a file number. Then the Email transmission starts.

Memo

Using Cc, Bcc and From

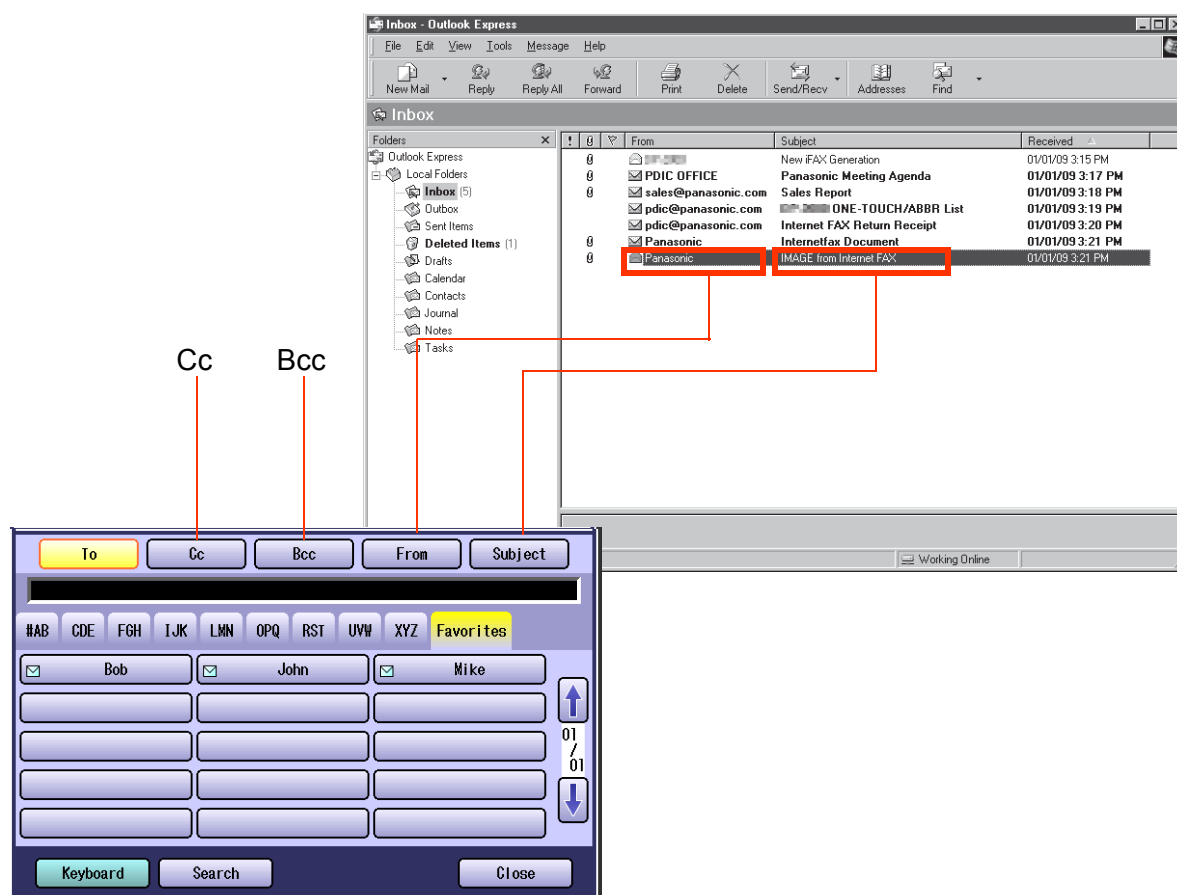
When creating an Email, you have the option of setting **Cc** and **Bcc** as its destinations, and entering a subject.

If the use of **From** has been enabled in Function Parameters, the machine can transmit an Email with Email addresses entered in **From** other than its own Email address.

NOTE

- **Cc** Carbon Copy
- **Bcc** Blind Carbon Copy
- If the Message Delivery Notice feature is set to “On”, all Emails are sent as **To** even if they are pre-programmed as **Cc/Bcc**. For more details on the Message Delivery Notice feature, refer to **Setting Message Delivery Notice (MDN)** (see page 132).

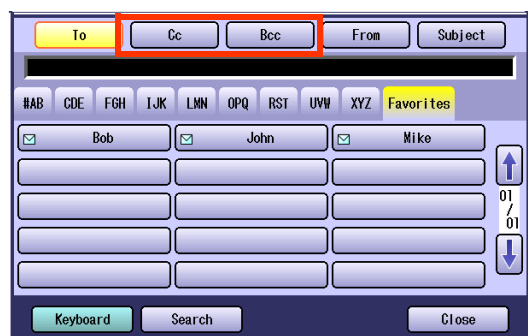
Example of the receiving station



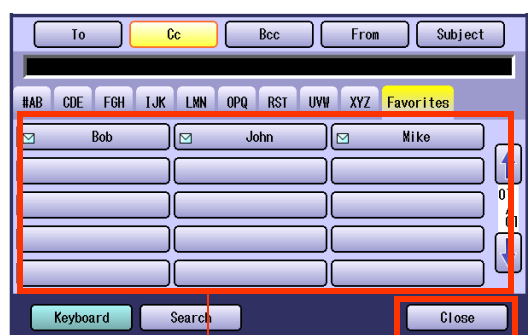
Setting Cc and Bcc

To set **Cc** and **Bcc** as Email destinations, follow the steps below.

- 1 On the Email screen, select “**Cc**” or “**Bcc**”. (See pages 115 and 124)



- 2 Select an Email address, and then select “**Close**”.



①

②

- For instructions on how to set an Email address, refer to **Entering an Email Address** (see page 116).

- 3 Press the **Start** key.

The original(s) are stored into memory with a file number. Then the Email transmission starts.

Setting From Field

The **From** field preset in the machine can be changed by selecting “**From**” on the Email screen. To set the **From** field, follow the steps below.

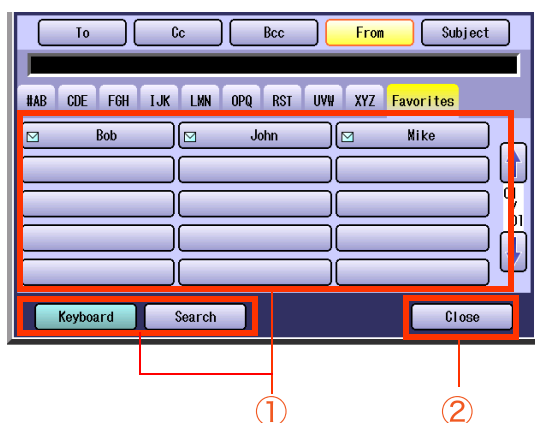
NOTE

- If “**145 Sender Selection**” is set to “**Valid**”, you can preset up to 25 sender names. You can select from the sender list when sending an Email. However, if you select “**From**” on the Email screen, the sender list will not be displayed.
For more details on this setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

- 1 On the Email screen, select “**From**”.
(See pages 115 and 124)



- 2 Enter a sender name, or select a sender Email address, and then select “**Close**”.



- 3 Press the **Start** key.

The original(s) are stored into memory with a file number. Then the Email transmission starts.

- When “**145 Sender Selection**” is set to “**Valid**”, and if you do not select “**From**”, the Sender Selection list will be displayed after pressing the **Start** key. Select a Sender, and then select “**OK**”.

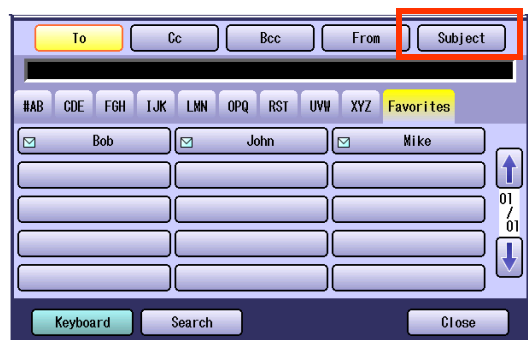
Setting Subject

Every time you send an Email, you can enter its subject manually. To enter a subject, follow the steps below.

NOTE

- The default subject is preset if the Function Parameter “**32 Default Subject**” (Fax/Email Settings > User Parameters) has been set. For programming instructions, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

- 1 On the Email screen, select “**Subject**”.
(See pages 115 and 124)



- 2 Enter a subject, and then select “**OK**”.



①

②

- The subject field is up to 40 characters in length.
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- If you make a mistake, select “**Back Space**” to delete one character at a time, or move the cursor to the beginning of the field, and then press the **Clear** key to delete the entire entry.

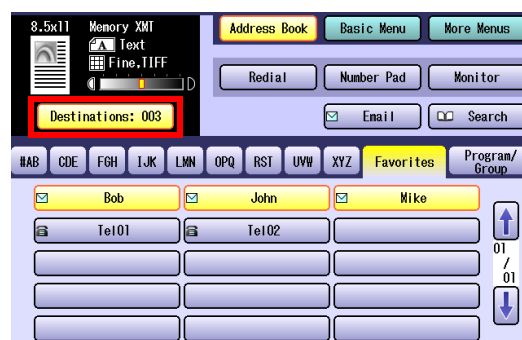
- 3 Press the **Start** key.

The original(s) are stored into memory with a file number. Then the Email transmission starts.

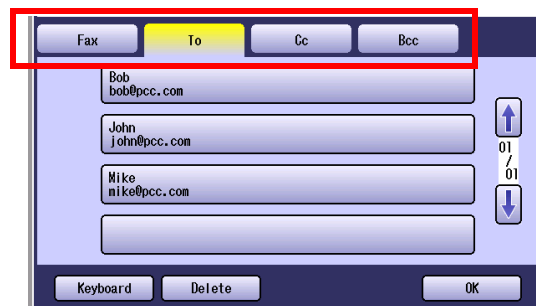
Confirming the Destination

You can confirm the entered destinations.

- 1 Select “**Destinations: ###**”.
(###: Number of selected addresses)



- 2 Select the desired field button, and confirm destinations.



- To delete a destination, select a destination, and then select “**Delete**” and “**Yes**”.

- 3 Select “**OK**”.

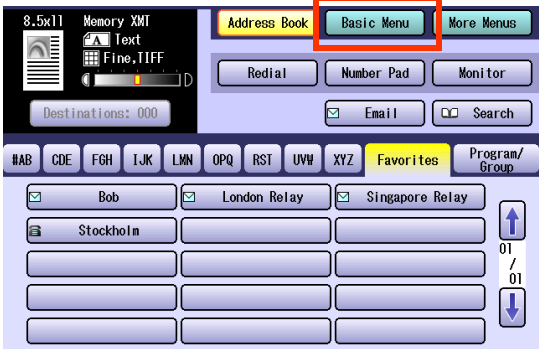
Setting a File Type and a File Name

Documents can be scanned into the PDF or TIFF format, and renamed as well.

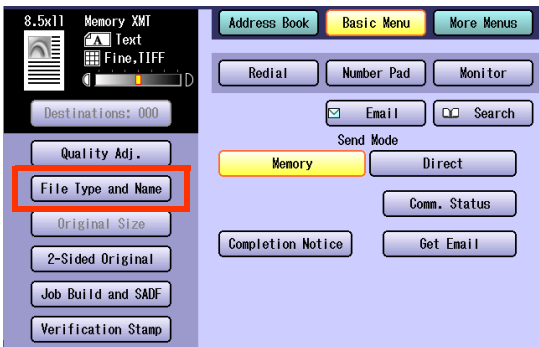
NOTE

- Internet Fax does not support the PDF format. If a document is transmitted to an Internet Fax in the PDF format, the Internet Fax at the receiving station cannot print the images, resulting in an error.
- The file is automatically named “Image.tif” unless you rename the attached file.

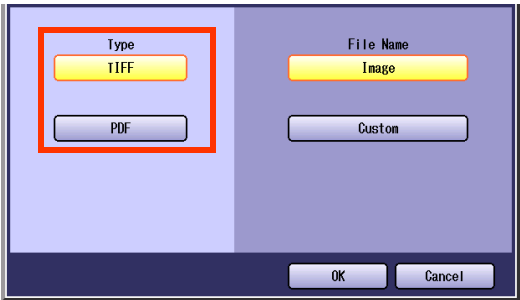
- Place original(s).
 - Refer to **Placing Originals** (see page 14).
- Press the **Fax** key.
- Select “**Basic Menu**”.



- Select “**File Type and Name**”.



- Select a file type.



TIFF	Select to transmit in the TIFF format.
PDF	Select to transmit in the PDF format (monochrome). Can be used only if the receiving station is a computer.

- To rename the file, select “**Custom**”.

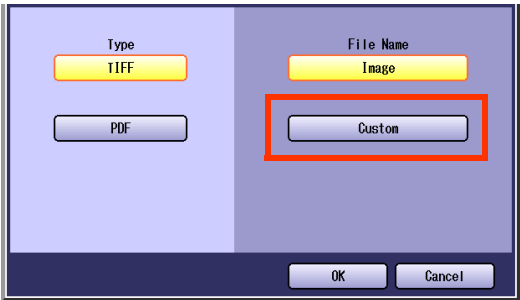
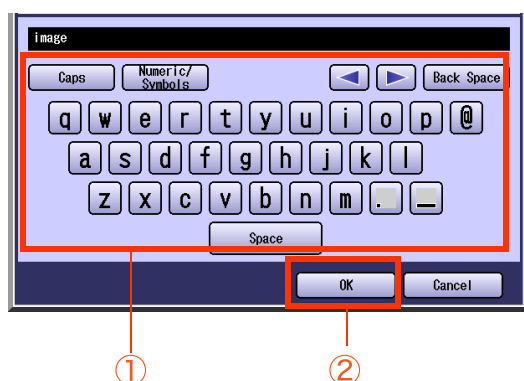


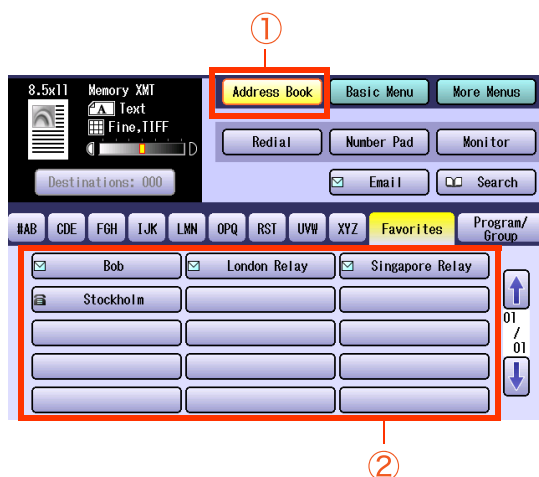
Image	Select to transmit by using the standard name, “image.tif” or “image.pdf”.
Custom	Select to rename the file.

- 7 Enter a filename, and then select “OK”.



- The filename can be up to 20 characters long.
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- If you make a mistake, select “**Back Space**” to delete one character at a time, or move the cursor to the beginning of the field, and then select the **Clear** key to delete the entire entry.

- 8 Select “**Address Book**”, and then set an Email address.



- Refer to **Entering an Email Address** (see page 116).

- 9 Press the **Start** key.

The original(s) are stored into memory with a file number. Then the Email transmission starts.

Emailing a Ledger-Sized Document

Receiving stations may not receive large documents depending on the recording capability (paper size).

If you want to transmit a document larger than A4/Letter, such as a Ledger size, by using the Internet Fax feature, check the paper size capability of the receiving station before transmission. If the receiving station is capable of receiving a Ledger-sized document, you can send the document without reducing the size.

NOTE

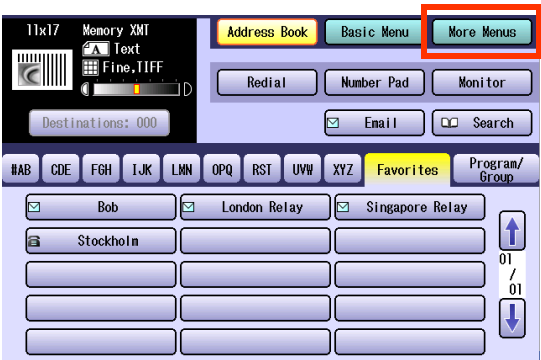
- When “**Ledger Email XMT**” is not set to “**On**”, the document will be reduced according to the setting of the Function Parameter “**141 LAN XMT Reduce**” (Fax/Email Settings > Fax Parameters). For more details on document size reduction, refer to the table below.
- For information about programming the Function Parameter “**141 LAN XMT Reduce**”, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

Document Sizes and Transmitted/Received Document Sizes

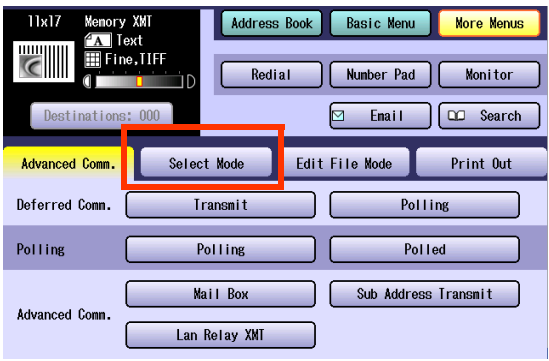
When a document larger than A4/Letter, such as a Ledger size, is transmitted by Internet Fax, it is reduced in size as described in the table below. Whether the document is reduced or not depends on the setting of “**Ledger Email XMT**” in “**More Menus**”.

Document Size	Transmitted/Received Document Size		
	“Ledger Email XMT” has been set to “On”.	“Ledger Email XMT” has been set to “Off”.	
		The Function Parameter “141 LAN XMT Reduce” has been set to “Invalid”.	The Function Parameter “141 LAN XMT Reduce” has been set to “Valid”.
Ledger	Ledger	B4	A4/Letter
B4	B4	B4	A4/Letter
A4/Letter	A4/Letter	A4/Letter	A4/Letter

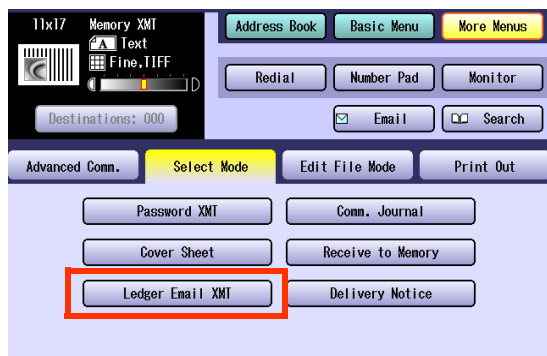
- Place original(s).
 - Refer to **Placing Originals** (see page 14).
- Press the **Fax** key.
- Select “**More Menus**”.



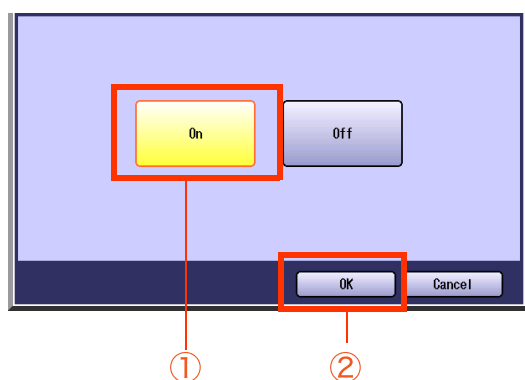
- Select “**Select Mode**”.





5 Select “Ledger Email XMT”.

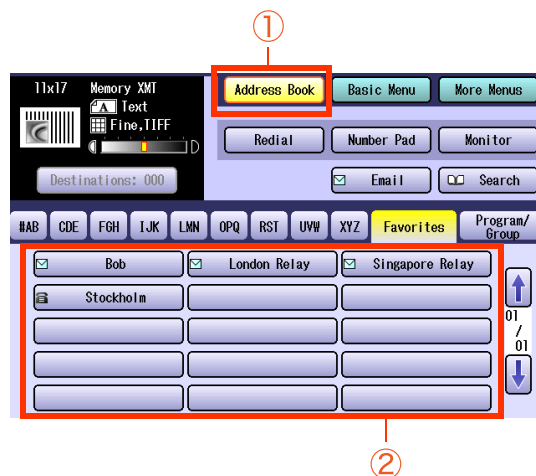


6 Select “On”, and then select “OK”.



	<p>The document is transmitted at the same ratio scale as it has been scanned.</p>
	<p>The document is transmitted, reduced in size according to the setting of the Function Parameter “141 LAN XMT Reduce” (Fax/Email Settings > Fax Parameters).</p>

7 Select “Address Book”, and then set an Email address.



- Refer to **Entering an Email Address** (see page 116).

8 Press the **Start** key.

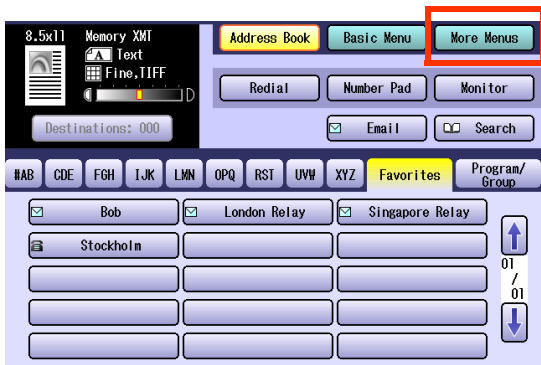
The original(s) are stored into memory with a file number. Then the Email transmission starts.

Setting Message Delivery Notice (MDN)

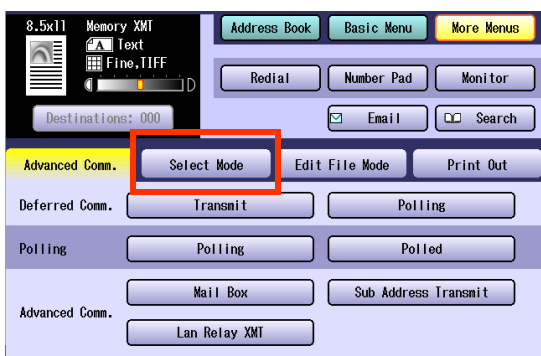
To enable Message Delivery Notice feature, follow the procedure below.

- NOTE**
- The standard setting of the Function Parameter **"173 Delivery Notice"** (Fax/Email Settings > Fax Parameters) can be changed. For instructions on how to change the standard setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

- Place original(s).
 - Refer to **Placing Originals** (see page 14).
- Press the **Fax** key.
- Select **"More Menus"**.



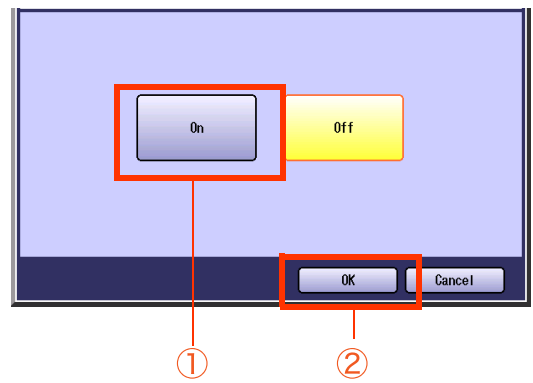
- Select **"Select Mode"**.





- Select **"Delivery Notice"**.

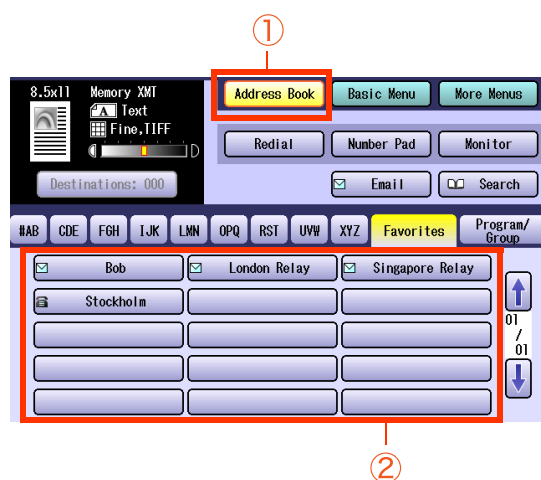


- Select **"On"**, and then select **"OK"**.



	Message Delivery Notice (MDN) request is enabled.
	Message Delivery Notice (MDN) request is disabled.

- 7** Select “**Address Book**”, and then set an Email address.



- Refer to **Entering an Email Address** (see page 116).

- 8** Press the **Start** key.

The original(s) are stored into memory with a file number. Then the Email transmission starts.

When the Email is opened at the receiving station, a delivery notice will be emailed automatically.

When Email Transmission Fails

If the Email fails to reach its destination, an error mail is returned from the mail server, and is printed on the machine. The error mail includes an error message, and the image of the first page of the transmitted document to alert the sender the conditions of the failure.

Failure Report Sample (Unknown User)

```
Received: from localhost (localhost) by ifeifl.rdmg.mgcs.mei.co.jp (8.6.12/3.4W3) with
internal id OAA24381; THU, 01 JAN 2009 14:52:57 +0900
Date: THU, 01 JAN 2009 14:52:57 +0900
From: Mail Delivery Subsystem <MAILER-DAEMON@ifeifl.rdmg.mgcs.mei.co.jp>
Subject: Returned mail: User unknown
Message-Id: <200011120552.OAA243B1@ifeifl.rdmg.mgcs.mei.co.jp>
To: <fax@nwpc31.rdmg.mgcs.mei.co.jp>

The original message was received at THU, 01 JAN 2009 14:52:54 +0900
from nwpc31.rdmg.mgcs.mei.co.jp [172.21.22.51]

----- The following addresses had delivery problems -----
<error@nwr39.rdmg.mgcs.mei.co.jp> (unrecoverable error)

----- Transcript of session follows -----
... while talking to nwr39.rdmg.mgcs.mei.co.jp.:
>>> RCPT To:<error@nwr39.rdmg.mgcs.mei.co.jp>
<<< 550 <error@nwr39.rdmg.mgcs.mei.co.jp>... User unknown
550 <error@nwr39.rdmg.mgcs.mei.co.jp>... User unknown

----- Original message follows -----
Return-Path: fax@nwpc31.rdmg.mgcs.mei.co.jp
Received: from nwpc31.rdmg.mgcs.mei.co.jp (Internet FAX) (nwpc31.rdmg.mgcs.mei.co.jp [172.21
.22.51]) by ifeifl.rdmg.mgcs.mei.co.jp (8.6.12/3.4W3) with SMTP id OAA24380 for <error@nwr39
.rdmg.mgcs.mei.co.jp>; THU, 01 JAN 2009 14:52:54 +0900
Message-ID: <200011120552.OAA24380@ifeifl.rdmg.mgcs.mei.co.jp>
Mime-Version: 1.0
Content-Type: image/tiff
Content-Transfer-Encoding: base64
Content-Disposition: attachment; filename="image.tif"
Content-Description: image.tif
X-Mailer: Internet FAX, MGCS
Date: THU, 01 JAN 2009 14:49:00 +0900
From: iFAX <fax@nwpc31.rdmg.mgcs.mei.co.jp>
Subject: IMAGE from Internet FAX
To: error@nwr39.rdmg.mgcs.mei.co.jp
```

JAN-01-2009 14:49 5 P.01/01
iFAX

THE SLEREXE COMPANY LIMITED

SAPORS LANE - BOOLE - DORSET - BH25 8ER
TELEPHONE BOOLE (945 13) 51617 - TELEX 123456

Our Ref. 350/PJC/EAC

18th January, 1972.

Using a Completion Notice

The Completion Notice feature notifies your computer when Email or Fax transmission is completed.

ATTENTION

- Before using this function, install the Panasonic Document Management System and Printer Driver, and then set up each software.
- Refer to **Completion Notice Function** in the Operating Instructions (For User Setup) of provided CD-ROM.

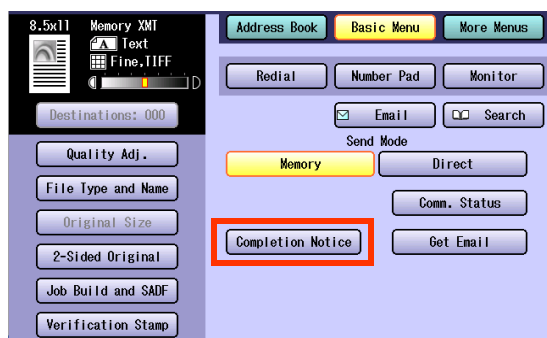
- 1 Place original(s).
 - Refer to **Placing Originals** (see page 14).

- 2 Press the **Fax** key.

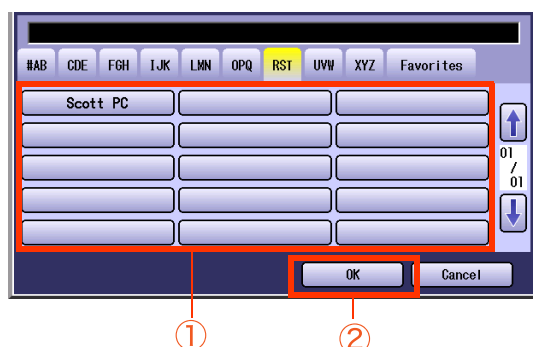
- 3 Select **"Basic Menu"**.



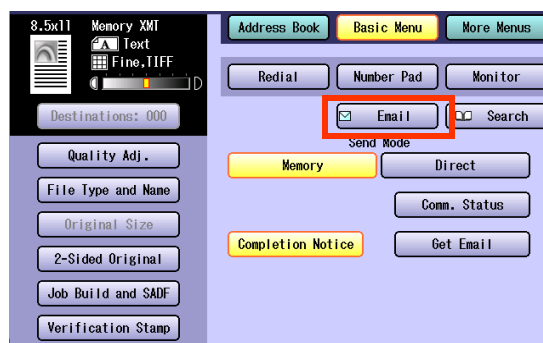
- 4 Select **"Completion Notice"**.



- 5 Select a computer to be informed, and then select **"OK"**.



- 6 Select **"Email"**.



- 7 Set an Email address.



- Refer to **Entering an Email Address** (see page 116).

- 8 Press the **Start** key.

The original(s) are stored into memory with a file number. Then the Email transmission starts.

When the Email is sent, completion notice is also sent to the computer.

Receiving an Email

If the machine connects to a network as a POP client, it can receive Email either automatically or manually. The Email reception method from a POP server varies depending on the POP settings programmed in Function Parameters.

Configuring to Receive Email

Program the following parameters in Function Parameters (Fax/Email Settings > Fax Parameters) to receive Email:

Item Name	Setting
"146 POP Timer"	Set the time interval for checking the Email on POP server. <ul style="list-style-type: none"> • Set an interval between 0 and 60 minutes. • An interval setting of 0 minutes would not retrieve Email automatically.
"147 Auto POP Receive"	Set whether to retrieve Emails automatically from the POP server. <ul style="list-style-type: none"> • When set to "Valid", Emails on the POP server are retrieved and printed automatically. • When set to "Invalid" with "146 POP Timer" set to a number other than 0, only the number of the incoming Email messages on the POP server appears on the display.
"148 Del POP Receive Mail"	Set whether to delete the Email from the server after it has been retrieved.
"149 Del POP Error Mail"	Set whether to delete Email from the server when the attached file is in a format that cannot be printed.

NOTE

- For instructions on how to configure the POP server, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- With POP manual reception pre-programmed on a Program key, POP Email can be retrieved by a user name other than the one pre-programmed as local station information.

Receiving Email Automatically

With "147 Auto POP Receive" set to "**Valid**", and POP acquisition interval set between 1 and 60 minutes in Function Parameters (Fax/Email Settings > Fax Parameters), queries are transmitted to the POP server periodically to check for new Emails.

If there is an Email on the POP server when a query is transmitted, it is retrieved and printed automatically.

Receiving Email Manually

With the Function Parameter “**147 Auto POP Receive**” (Fax/Email Settings > Fax Parameters) set to “**Invalid**”, Email is received manually.

NOTE

- With POP acquisition interval set between 1 and 60 minutes, queries are transmitted to the POP server periodically to check for new Emails, and the number of the incoming Email messages on the server appears on the display.

1 Press the **Fax** key.

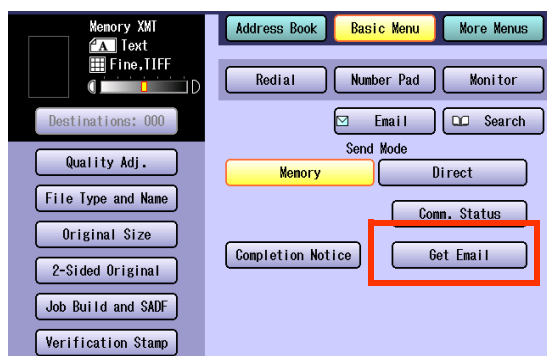
2 Check for incoming mail(s).



3 Select “**Basic Menu**”.



4 Select “**Get Email**”.



The retrieved Email is printed.

Receiving Email with the Program Key

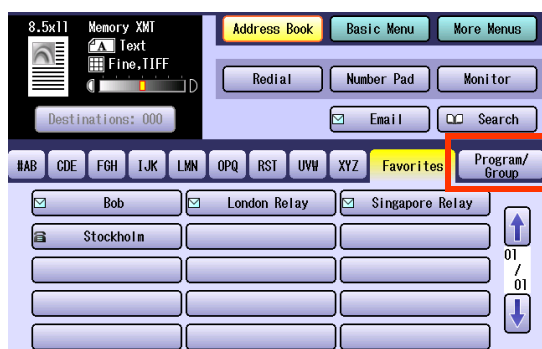
This function allows others to share your machine to retrieve their Emails from the POP server by pre-programming their POP user names and POP passwords into the Program keys. They will be able to retrieve Emails by simply pressing the corresponding Program key.

NOTE

- If security is of a great concern, and it is necessary to prevent unauthorized personnel from retrieving your Email from the POP server, leave the POP password field blank when programming the Program key. By leaving it blank, the machine will prompt you to enter the POP password when the Program key is pressed to retrieve Emails.
- For instructions on how to program POP reception on a Program key, refer to **Programming Email Manual Reception on Program Keys** (see page 195).

1 Press the **Fax** key.

2 Select “**Program/Group**”.



3 Select the Program key on which POP reception is pre-programmed.



When the POP Account name entry prompt window opens, enter the POP Account name, and then enter the password.

The Email is retrieved and printed.

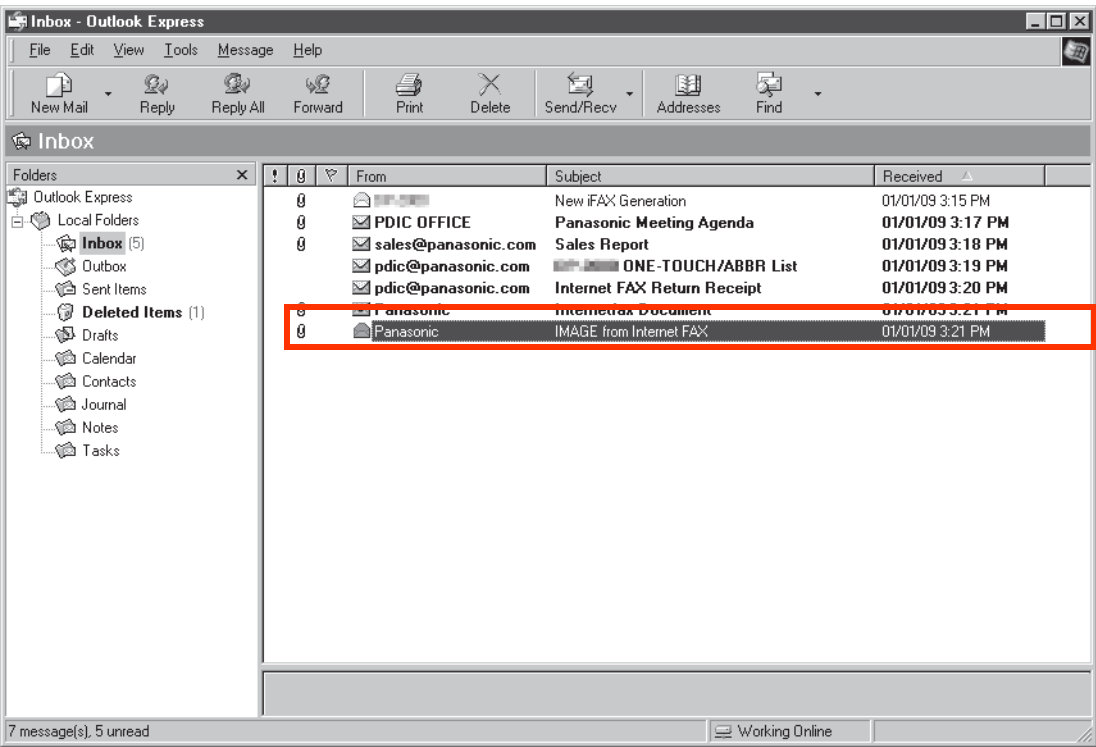
Memo

Receiving an Email on a Computer

This section explains how to receive Emails transmitted from the machine to a computer, and also explains the Emails forwarded from the machine to a computer.

Receiving Email on Your Computer

A sample screen shot of a mailer that has received Email from an Internet Fax is shown below.



For your reference, the above example is from Outlook Express Inbox running under Microsoft® Windows®.

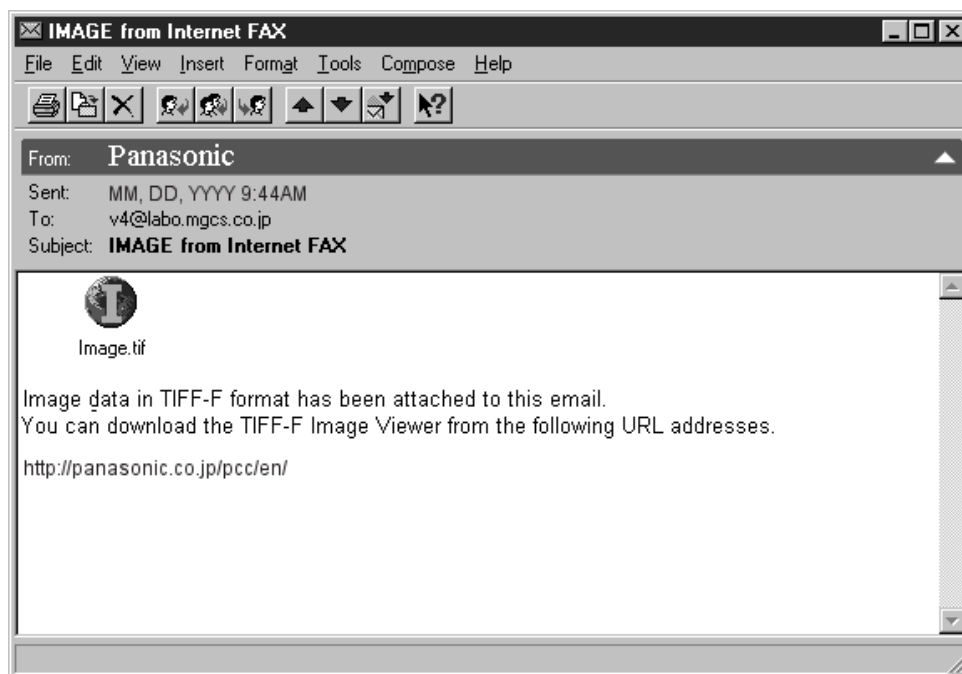
If you are using a different Email application software, please refer to your application's user manual.

NOTE

- For more details on how to view Email on your computer, refer to the user manual for your mailer or viewer.
- In the screen shot above, the Email transmitted from Internet Fax has the subject "IMAGE from Internet Fax". Email title can be modified if required.

Opening Email

When you open an Email received from Internet Fax, the screen as shown below is displayed.



- For your reference, the above example is from Windows Messaging running under Microsoft Windows.
- To run the viewer, please refer to your application's user manual. The attached file is composed of TIFF-F (Tagged Image File Format with Modified Hoffman coded image). TIFF viewers come in many flavors, a majority of TIFF viewers will open and view this file, however, some viewers may not support this format.
- You can download the TIFF-F Image Viewer into your PC from the following URL address.
<http://panasonic.net>
- License agreement of Panasonic's TIFF-F Image Viewer application
You must carefully read the license agreement before installing the TIFF-F Viewer application on your PC. If you do not agree to all the terms of this agreement, do not use the software and destroy all of the copies thereof.
You must assume full responsibility for selection of the software, and its operation/non-operation and results obtained therefrom.
- If you receive an Email (Internet Fax) with a PDF file attached, the following text message is shown in the Email body.
"Image data in PDF format has been attached to this email."

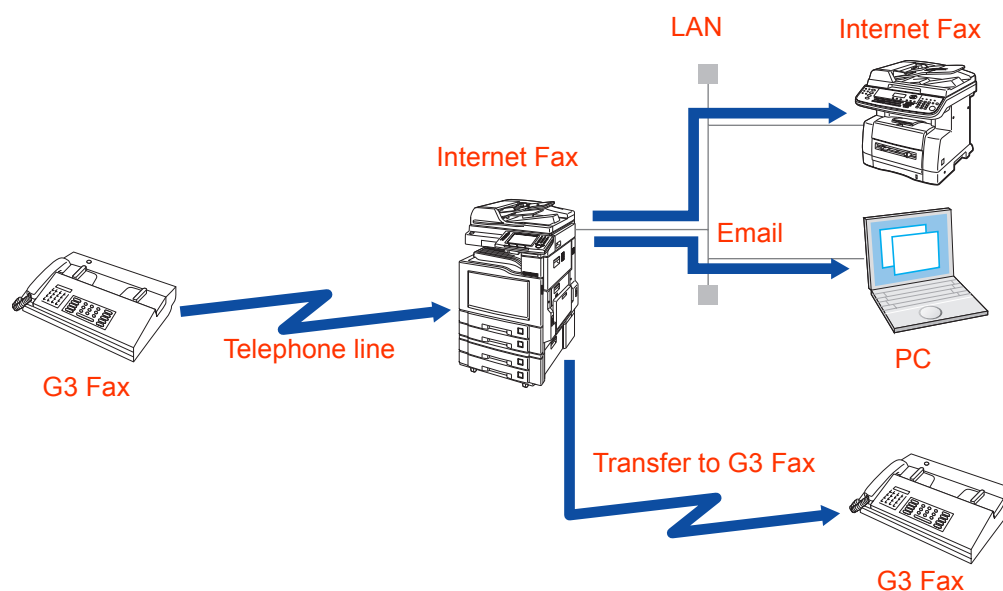
Inbound Routing

What is Inbound Routing?

Using the Inbound Routing feature, your machine can route documents received from a G3 fax machine to Email address(es) or Internet Fax machine(s) connected to a LAN as an Email, as well as to other G3 fax machine(s) over the telephone line.

NOTE

- For more details on the types of fax that work with routing, contact your local authorized Panasonic dealer.
- If no sub-address is specified, your machine tries to match the originating fax machine's numeric ID (TSI) with the TSI routing within its auto dialer, and will route the documents to the corresponding stations' Email address(es) and/or telephone number(s).



Routing Setup Flow

Before the Inbound Routing feature can be used, the Function Parameters and Address Book programming is required.

Configure your machine for Internet Fax (see page 112)

Set required parameters to “Valid” in Function Parameters

- To use sub-addressing.....Set the Function Parameter “**152 Sub-Addr Routing**” (Fax/Email Settings > Fax Parameters) to “**Valid**”.
- To use a numeric ID.....Set the Function Parameter “**153 TSI Routing**” (Fax/Email Settings > Fax Parameters) to “**Valid**”.

NOTE

- Refer to **Settings for Inbound Routing** (see page 144).



Program the transferring station in the Address Book

Program Internet Fax or a remote computer as a transferring destination.
(Program the Email address of the transferring destination in the Address Book.)

Program a G3 fax station as a transferring destination.
(Program the fax number of the transferring destination in the Address Book.)

NOTE

- Refer to **Programming the Address Book for Inbound Routing** (see page 145).

Settings for Inbound Routing

To use the Inbound Routing feature, program the following parameters to meet the type of routing in Function Parameters (Fax/Email Settings > Fax Parameters):

Routing Type	Explanation	Function Parameters
Routing by sub-addressing	Set this parameter to perform an ITU-T sub-address query within its auto dialer, and to route the received document(s) to corresponding stations' Email address(es) or telephone number(s).	Set " 152 Sub-Addr Routing " to " Valid ".
Routing by the numeric ID of a sending fax station	Set this parameter to perform a numeric ID (TSI frame information) query within its auto dialer, and to route the received document(s) to the corresponding stations' Email address(es) or telephone number(s).	Set " 153 TSI Routing " to " Valid ".
To set the From field	<p>Use this parameter to select the type of Email header to be included in the "From" field of each routed faxes.</p> <p>Originator (Orig): The originating fax machine's TSI will appear in the "From" field of the routed Email.</p> <p>Relay Station (Rly Stn): The routing station's Email address will appear in the "From" field of the routed Email.</p>	Program " 154 Route Header FMT ".
To program printout of received documents	Select whether to print all documents received on this machine (" Always "), or print them only if inbound routing fails (" Inc Only ").	Program " 155 Print Routed Doc ".

NOTE

- For more operational details, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

Programming the Address Book for Inbound Routing

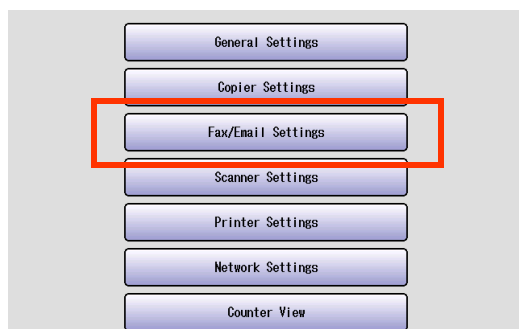
To use the Inbound Routing feature, program the transferring destination in the Address Book.

NOTE

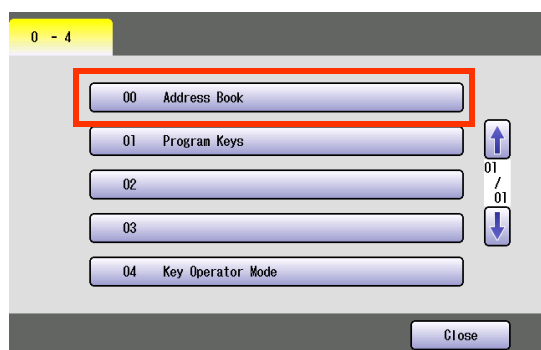
- For instructions on how to register the Address Book, refer to **Address Book** (see page 176).

1 Press the **Function** key.

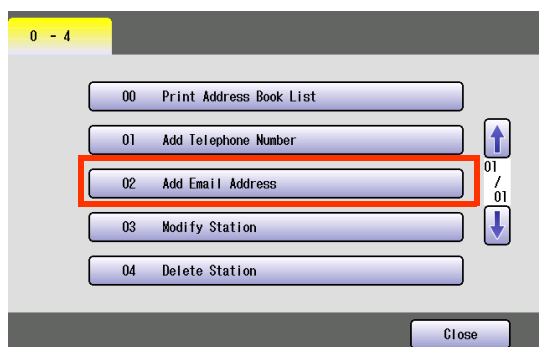
2 Select **"Fax/Email Settings"**.



3 Select **"00 Address Book"**.



4 Select **"02 Add Email Address"**.



5 Enter an Email Address, and then select **"OK"**.



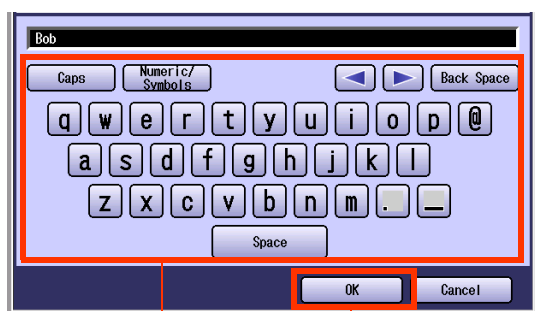
- For instructions on how to enter Email addresses, refer to **Entering an Email Address** (see page 116).
- Enter an Email address up to 60 characters.

6 Enter a station name, and then select **"OK"**.



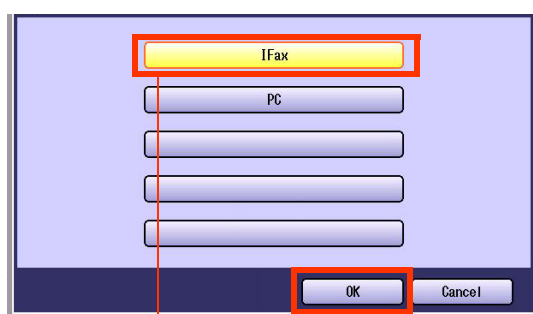
- Enter a station name up to 15 characters.
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

- 7** Enter a Key Name, and then select “OK”.



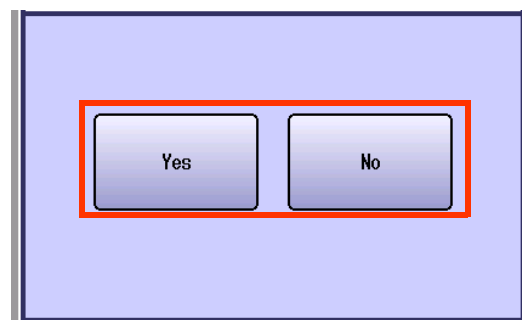
- Key Names are used to select the destinations on the Touch Panel Display.
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.



- 8** Select “IFax”, and then select “OK”.



- To display the Email address in the Address Book of both Email/Scan and Fax modes, select “PC”.

- 9** Select whether to add the Email address to “Favorites”.



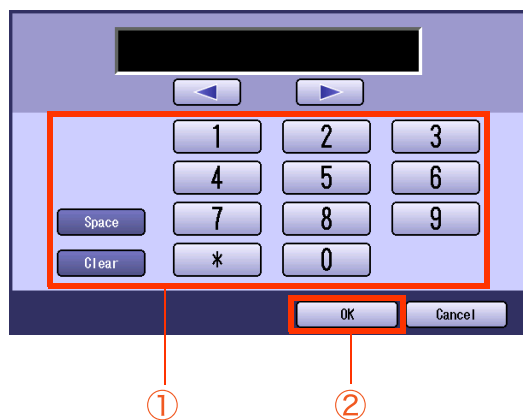
	Select to display the station in “Favorites”.
	Select not to display the station in “Favorites”.

- 10** To enable sub-addressed routing, enter a sub-address, and then select “OK”.



- This screen appears when the Function Parameter “**152 Sub-Addr Routing**” (Fax/Email Settings > Fax Parameters) has been set to “Valid”.

- 11** To enable routing by a numeric ID, enter a numeric ID, and then select “OK”.



The Email address is added to the Address Book.

- This screen appears when the Function Parameter “**153 TSI Routing**” (Fax/Email Settings > Fax Parameters) has been set to “**Valid**”.
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

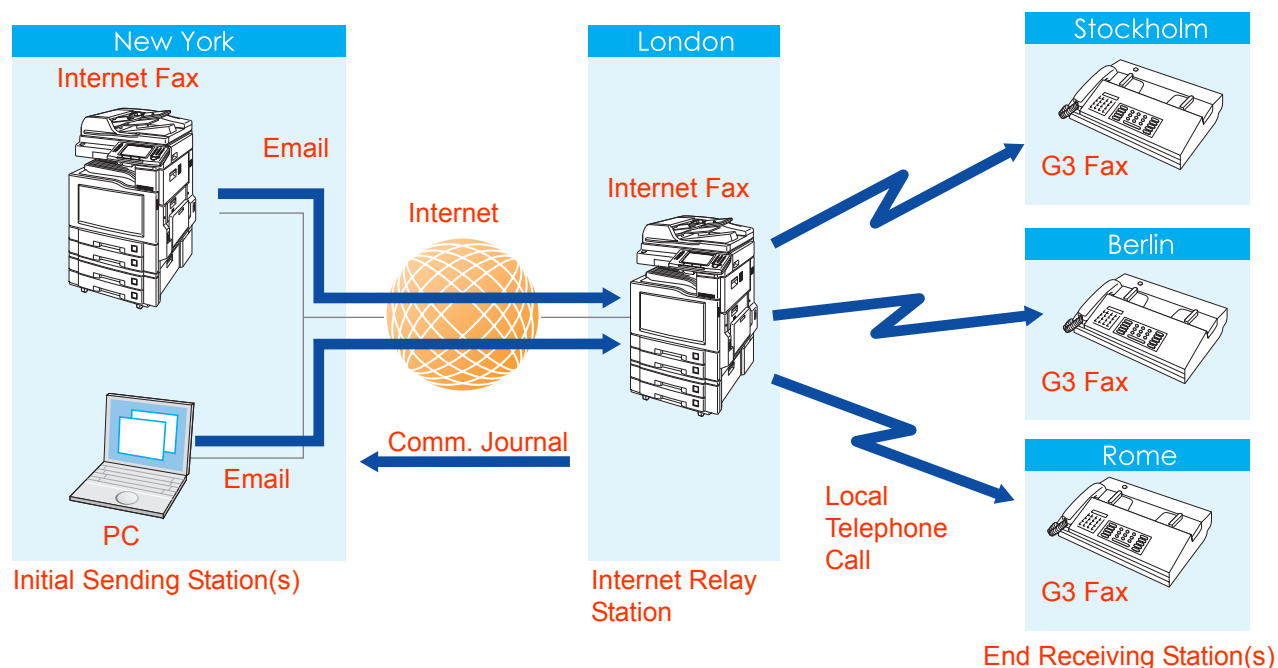
Using the Relay Feature

What is the Relay Feature?

From your PC or machine, you can send documents to the End Receiving Station(s) via an Internet Relay Station.

After the relay station completes its transmission to the End Receiving Station, your PC or machine receives a Communication Journal from the relay station. This Communication Journal confirms whether the Internet or Intranet Relayed transmission was successful.

■ Example 1: Internet Relay Network



Initial Sending Station(s)

Sends Email to a relay station (Internet Fax supporting the Relay feature) using the Internet Fax feature to request a Relayed transmission.

NOTE

- The LAN Relayed transmissions request can be made easier by having the relay station pre-programmed in the Address Book.
- TIFF image files can be attached to Email when it is transmitted from a computer.
- For more details on the Relayed Transmission Report (Communication Journal) and the Fax Relay log, refer to **Result of Relayed Transmission** (see page 164).

Internet Relay Station

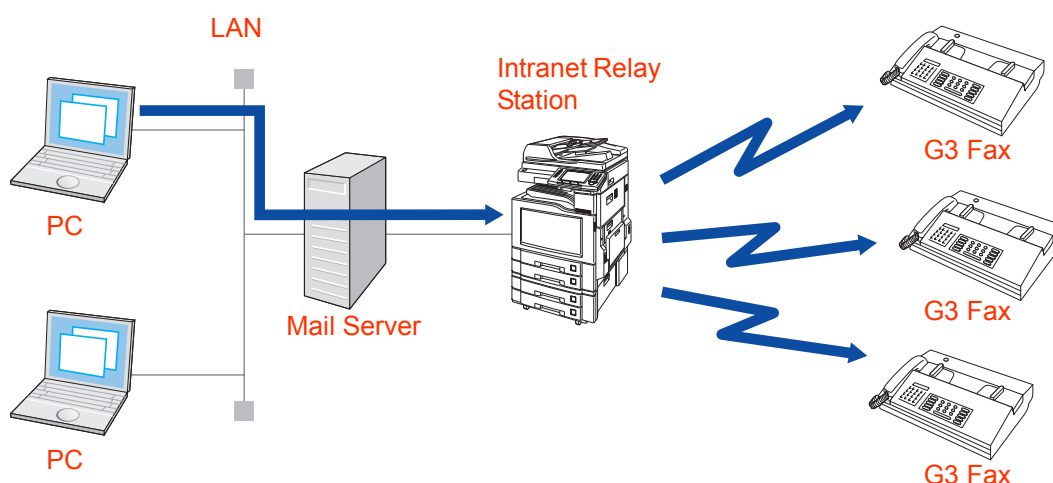
Sends Email received from the initial sending station to an end receiving station (a fax station connected to the telephone line: **Ex:** Stockholm/Berlin/Rome) as a fax document. If multiple end receiving stations are specified, the Email is broadcasted to them.

Each time a relay station completes a transmission, it transmits a Relayed Transmission Report (Communication Journal) to the initial sending station to designate its Relayed transmission request, and emails a Fax Relay log to the administrator's computer at the relay station.

End Receiving Station(s)

On receiving a fax document from the relay station, the mail header and mail text will be printed on the first page, and the file attachment (TIFF) on the next, and subsequent pages.

■ Example 2: Intranet Relaying Network



Computer (PC)

Sends Emails to Intranet Relay Station via mail server.

NOTE

- For operating instructions on how to request Relayed transmission from a computer, refer to **Relayed Transmission from PC** (see page 160).

Mail Server

Forwards Email to the Intranet Relay Station.

Setting up a Relayed Transmission Network

This section explains how to set up a relayed broadcasting network.

■ What is the Hardware Configuration?

A relay network needs the following kinds of equipment:

- Internet Fax or computer (Initial Sending Station)
- Internet Fax supporting the Relayed Transmission feature (Relay Station)
- G3 fax station connected to the telephone line (End Receiving Station)

■ What is the Communication Charge?

- Email is transmitted from the initial sending station to the relay station via Internet, saving both the time and charges on long-distance calls.
- A telephone charge accrues on the Fax transmission from the relay station to the end receiving station.

■ How can I confirm the completion of a transmission?

- When the relay station completes a transmission to the receiving station, it transmits a Relayed Transmission Report (Communication Journal) to the initial sending station to report the completion of a Fax transmission.
- The relay station also emails a Fax Relay log to the administrator's computer at the relay station.

■ How to Program?

- Program required network parameters in your machine. (See page 112)
- To use the Relayed Transmission feature, program the required function parameters in **Function Parameters for Relay Stations** (see page 154) and **Settings for Initial Sending Station** (see page 155).

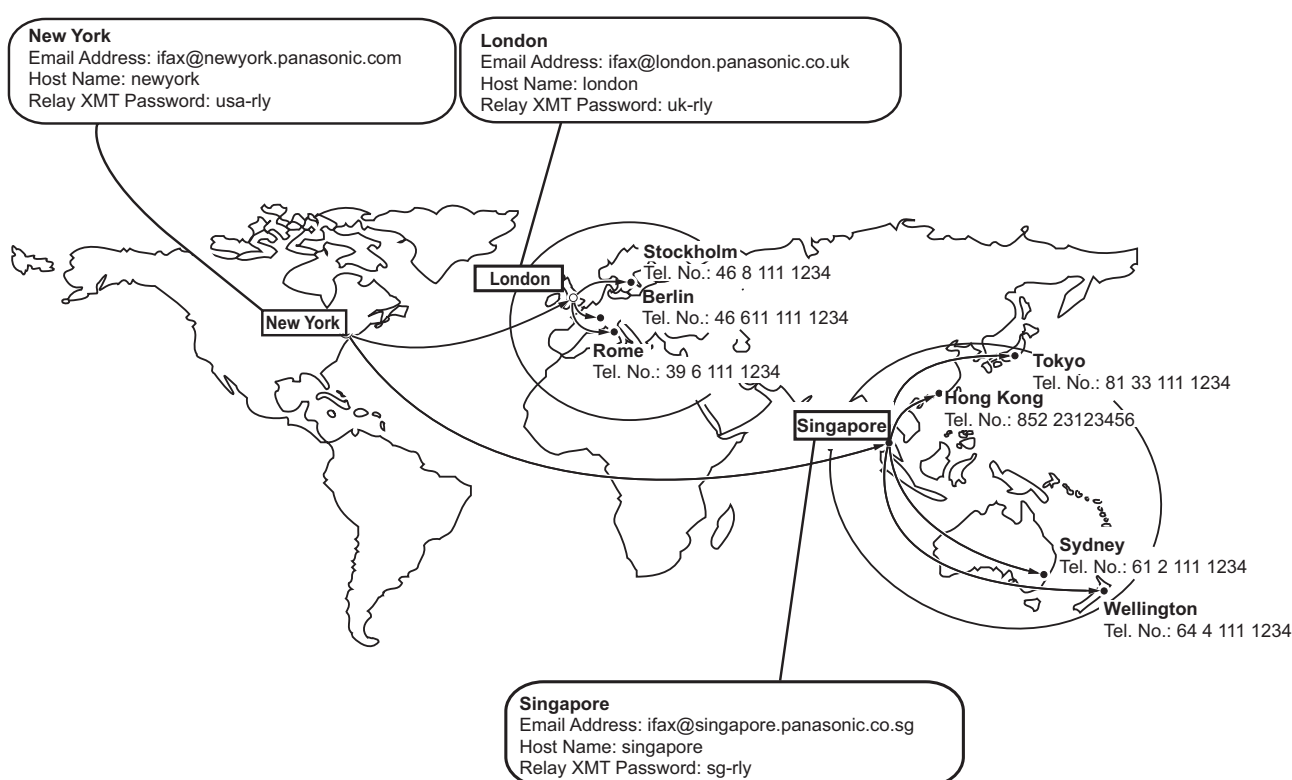
A sample network is shown on the next page.

- Add relay station and end receiving station to Address Book by referring **Sample Entries in Address Book** (see page 152) and **Adding End Receiving Stations for Relayed Transmission** (see page 156). To set up Relayed transmission network properly, consult authorized Panasonic dealer.

Example of a Relayed Transmission Network

An example of a Relayed transmission network using relay stations at two locations is shown below.

- This network has an initial sending station (New York) connected to relay stations (London and Singapore).
- Documents are transmitted from the relay stations (London/Singapore) to end receiving stations (Stockholm, Rome, Tokyo, Hong Kong, Sydney and others) via the telephone lines.
- This network uses relay stations at two locations.
- A single Relayed transmission request made from the initial sending station (New York) allows a document to be transmitted to the end receiving stations (Stockholm, Rome, Tokyo, Hong Kong, Sydney and others) via the relay stations (London, Singapore).



Sample Entries in Address Book

■ Table 1: Initial Sending Station (New York)

- Telephone number : 212 111 1234
- Email address (SMTP) : ifax@newyork.panasonic.com
- Host name : newyork
- Relay XMT password : usa-rly

Station Name	Email Address/Telephone Number	Relay Station Address
London	ifax@london.panasonic.co.uk	_____
Stockholm	46 8 111 1234	"London Relay"
Singapore	ifax@singapore.panasonic.co.sg	_____
Tokyo	81 33 111 1234	"Singapore Relay"
London Relay	uk-rly@london.panasonic.co.uk	_____
Singapore Relay	sg-rly@singapore.panasonic.co.sg	_____
Rome	39 6 111 1234	"London Relay"
Hong Kong	852 23123456	"Singapore Relay"
Sydney	61 2 111 1234	"Singapore Relay"

■ Table 2: Relay Station (London)

- Telephone number : 71 111 1234
- Email address (SMTP) : ifax@london.panasonic.co.uk
- Host name : london
- Relay XMT password : uk-rly

Station Name	Email Address/Telephone Number	Relay Station Address
New York	ifax@newyork.panasonic.com	_____
Stockholm	46 8 111 1234	"London Relay"
Singapore	ifax@singapore.panasonic.co.sg	_____
Tokyo	81 33 111 1234	"Singapore Relay"
Singapore Relay	sg-rly@singapore.panasonic.co.sg	_____
Rome	39 6 111 1234	"London Relay"
Hong Kong	852 23123456	"Singapore Relay"
Sydney	61 2 111 1234	"Singapore Relay"
London Relay	uk-rly@london.panasonic.co.uk	_____

■ Table 3: Relay Station (Singapore)

- Telephone number : 65 111 1234
- Email address (SMTP) : ifax@singapore.panasonic.co.sg
- Host name : singapore
- Relay XMT password : sg-rly

Station Name	Email Address/Telephone Number	Relay Station Address
London	ifax@london.panasonic.co.uk	_____
Stockholm	46 8 111 1234	"London Relay"
New York	ifax@newyork.panasonic.com	_____
Tokyo	81 33 111 1234	"Singapore Relay"
London Relay	uk-rly@london.panasonic.co.uk	_____
Rome	39 6 111 1234	"London Relay"
Hong Kong	852 23123456	"Singapore Relay"
Sydney	61 2 111 1234	"Singapore Relay"
Singapore Relay	sg-rly@singapore.panasonic.co.sg	_____

Function Parameters for Relay Stations

Program the following parameters to use this machine as a relay station in Function Parameters:

Item	Required Function Parameters	Explanation
1	Fax Parameters "142 Relay XMT"	<p>Selecting whether the machine will accept and perform G3 Relayed transmission.</p> <ul style="list-style-type: none"> • Invalid Machine will not accept a Relay XMT request. • Valid Machine will accept a Relay XMT request.
2	Fax Parameters "143 Relay XMT Report"	<p>Selecting how the Communication Journal for Relayed transmission is sent to the originator.</p> <ul style="list-style-type: none"> • Off Does not send. • Always The Communication Journal is always sent after a Relay communication is completed or has failed. • Inc Only The Communication Journal is sent if the Relay communication to the destination has failed.
3	User Parameters "40 Relay XMT Password"	<p>Enter a Relay XMT Password (up to 10 characters) to be used for the protection against unauthorized (outside) stations from accessing your machine to relay messages to a G3 fax machine via PSTN. This password should be given out to authorized people only.</p> <p>As the relay password is transmitted in the header of Email, it should be differentiated from the Email address used by Email or Internet Fax. A relay password pre-programmed in this way would be easy to identify when Internet Fax is received.</p>
4	User Parameters "45 Relay Domain (01)" to "54 Relay Domain (10)"	<p>Register up to 10 Domain Names (up to 30 characters) that your machine will accept Relayed transmission.</p> <p>Requests to relay a message to another G3 fax machine via PSTN.</p> <p>Ex: Registered Domain Names (01): panasonic.co.jp (02): abc.iFax.com (03): panasonic.com</p> <p>NOTE</p> <ul style="list-style-type: none"> ● To increase network security by protecting from third party access to the relay station, enter a relay-permitted domain name and an administrator's Email address for every relay station. ● If the whole domain name is left blank, Internet Fax will receive Relayed transmission requests from all the domain names.

Item	Required Function Parameters	Explanation
5	User Parameters "30 Manager's Email Addr"	Register the department manager's Email address for supervising, and cost control purposes. Once registered, the machine will send an Email notification to the Email address for each Relayed XMT Request received from a remote station. The following information is sent. (From: The Email address of the originating station) (To: The telephone number of the destination G3 fax machine)

NOTE

- For more details on the Function Parameters, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

Settings for Initial Sending Station

To use the machine as an initial sending station, program the following parameters in Function Parameters:

Item	Required Function Parameters	Explanation
1	Fax Parameters "140 LAN RLY XMT Request"	Select " Valid " to use this machine as an initial sending station. <ul style="list-style-type: none"> • Invalid Select to disable Relayed transmission. • Valid Select to enable Relayed transmission.

Adding End Receiving Stations for Relayed Transmission

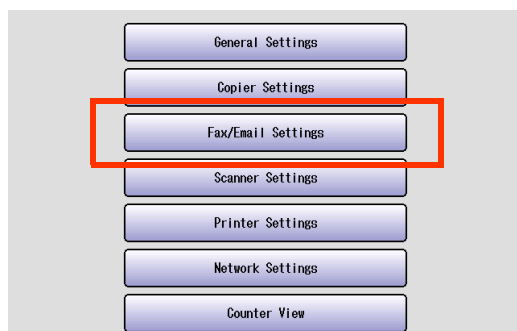
You can add end receiving stations to the Address Book by the following procedure.

NOTE

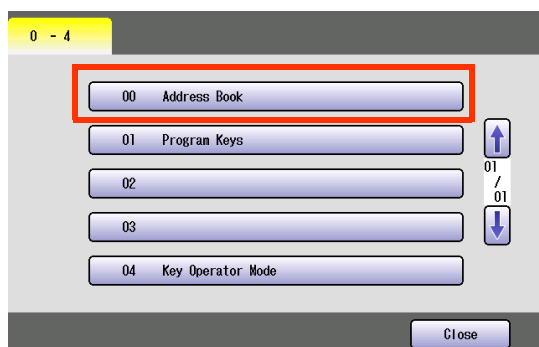
- If broadcasting to multiple end receiving stations is required, use group dialing (see page 189).
- The Function Parameter “**140 LAN RLY XMT Request**” (Fax/Email Settings > Fax Parameters) must have been set to “**Valid**” to have a LAN Relayed transmission request pre-programmed in the Address Book. For more operational details, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- For instructions on registration in the Address Book, refer to **Address Book** (see page 176).
- You cannot use the address registered for Relayed transmission for Confidential communication, Sub-address communication, and Password transmission. Register an address without a relayed station (see page 177).

1 Press the **Function** key.

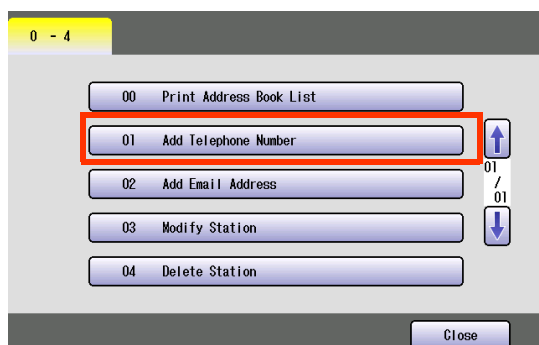
2 Select “**Fax/Email Settings**”.



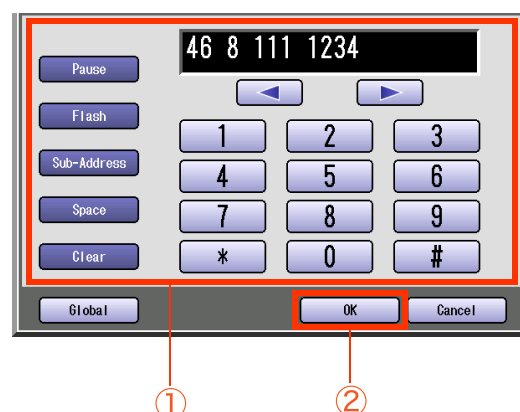
3 Select “**00 Address Book**”.



4 Select “**01 Add Telephone Number**”.

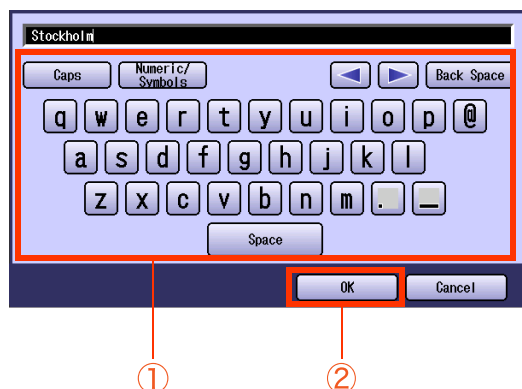


5 Enter a fax number, and then select “**OK**”.



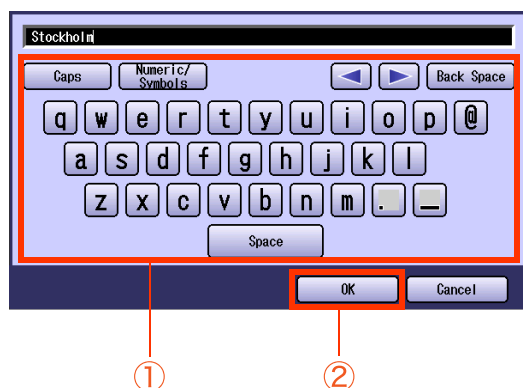
- Select “**Clear**” to delete the fax number one digit at a time.
- For instructions on using the onscreen Keyboard, refer to **Manual Dialing** (see page 20).

- 6 Enter a station name, and then select “OK”.



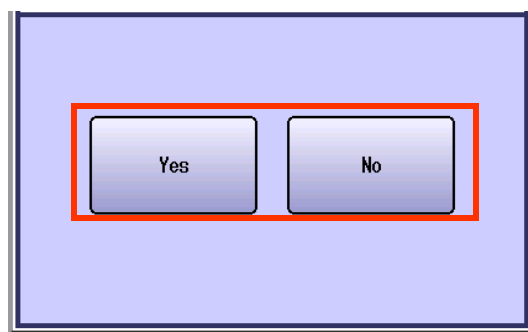
- Enter a station name up to 15 characters.
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.



- 7 Enter a Key Name, and then select “OK”.



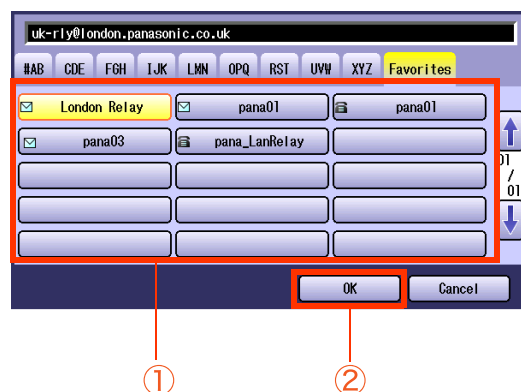
- Key Names are displayed on the Touch Panel Display to select destinations.
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

- 8 Select whether to add a station to “Favorites”.



	Select to display the station in “Favorites”.
	Select not to display the station in “Favorites”.

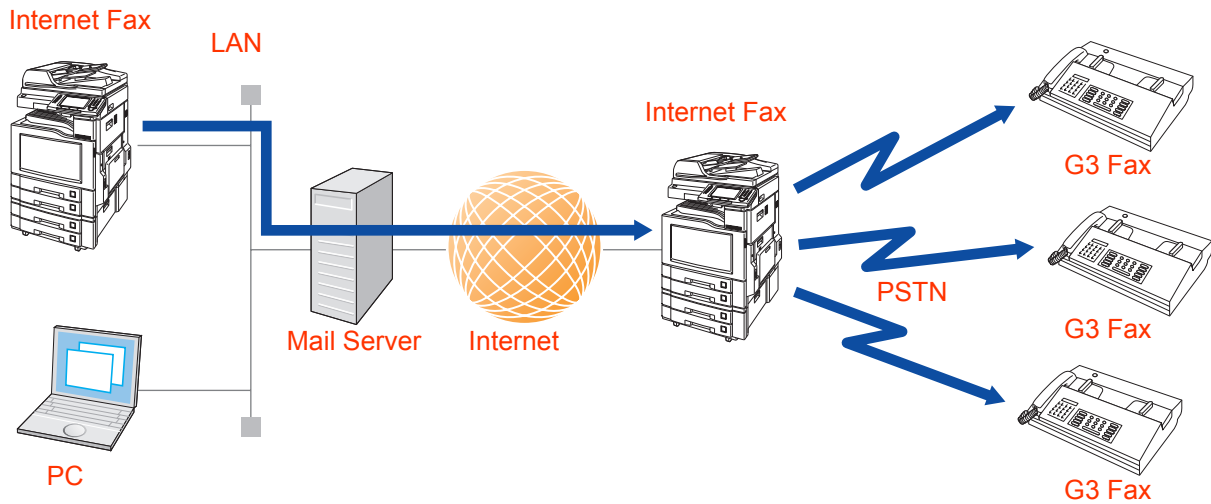
- 9 Select a relay station or enter the Email address of a relay station, and then select “OK”.



- This screen appears when the Function Parameter “140 LAN RLY XMT Request” (Fax/Email Settings > Fax Parameters) has been set to “Valid”.
- Only one destination can be programmed as a relay station.
- Before you select a relay station, you must pre-program an Email address in “40 Relay XMT Password” as the user name as follows:
“Relay XMT Password “@” the host and domain names registered with the DNS server”
Ex: sg-rly@singapore.panasonic.co.sg
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Relayed Transmission from Internet Fax

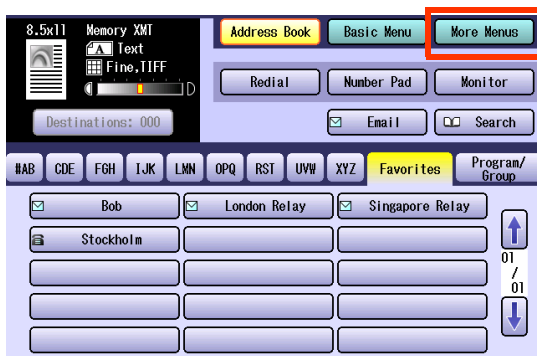
Documents can be transmitted to fax stations on the telephone line via Internet Fax relay stations.



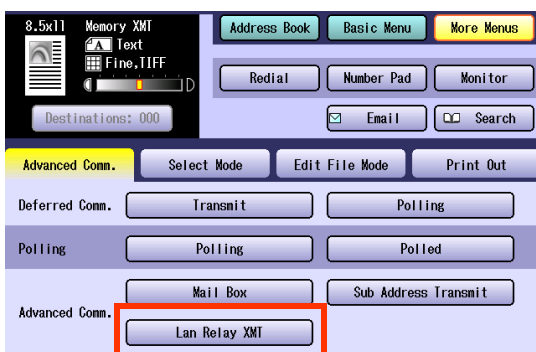
NOTE

- This function is available when the Function Parameter **"140 LAN RLY XMT Request"** (Fax/Email Settings > Fax Parameters) is set to **"Valid"**.

- 1 Place original(s).
 - Refer to **Placing Originals** (see page 14).
- 2 Press the **Fax** key.
- 3 Select **"More Menus"**.



- 4 Select **"Lan Relay XMT"**.

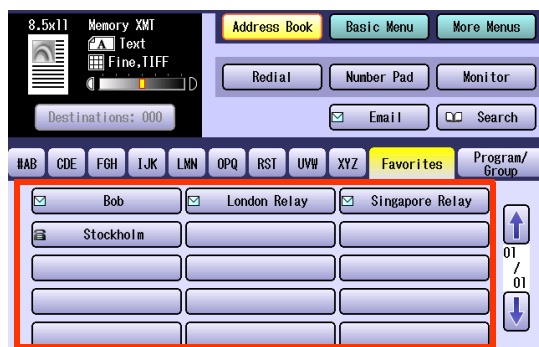


- 5 Select a relay station or enter the Email address of the relay station.



- Only one destination can be programmed as a relay station.
 - For instructions on how to enter destinations, refer to **Entering an Email Address** (see page 116).
- 6 Press the **Start** key.

- 7 Select an end receiving station to which the relay station relays.



- For instructions on how to enter destinations, refer to **Entering a Destination** (see page 20).
- Multiple stations can be programmed as end receiving stations.

- 8 Press the **Start** key.

Email is sent to the relay station with the fax number of the end receiving station.

When the relay station completes the transmission to the end receiving station, a communication journal is delivered.

- If the transmission fails, an error response is delivered from the mail server and printed on this machine.
The error response contains an error message and a copy of the first page of the document to alert you of the transmission failure.

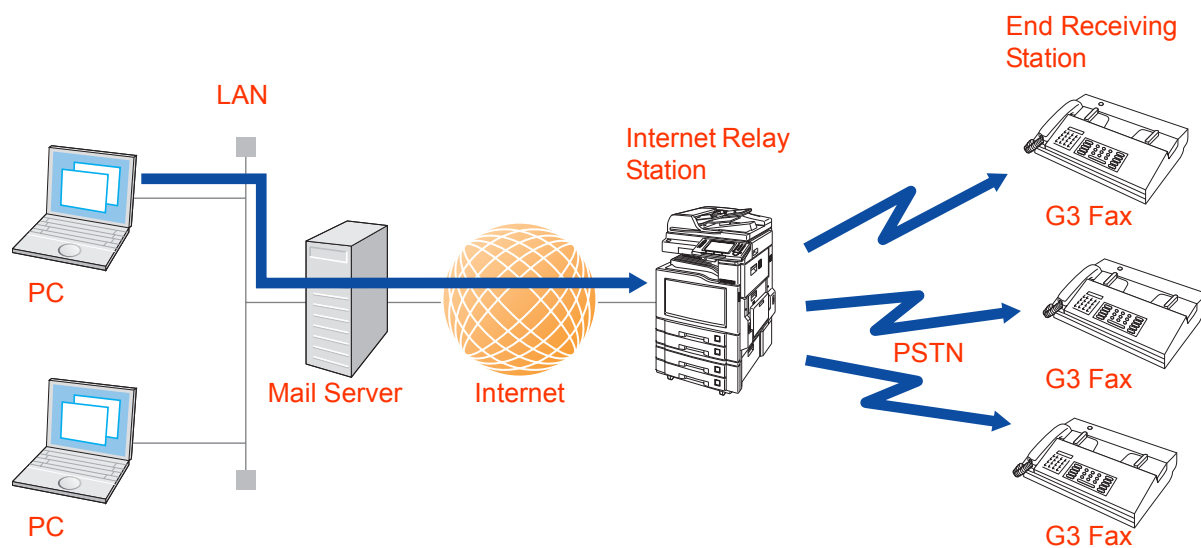
For more details, refer to **When Email Transmission Fails** (see page 134).

NOTE

- Relayed transmission requests can be pre-programmed in the Address Book beforehand to ease later operational complexities. Refer to **Adding End Receiving Stations for Relayed Transmission** (see page 156).

Relayed Transmission from PC

Using your Email application, you can send any document(s) from your PC as a TIFF-F attachment to one or multiple G3 fax machines automatically through the Internet Relay Station.



The Internet Relay Station (your machine) must be properly setup with all the required parameters.

Requesting a Relayed Transmission from a Computer

Requesting a Relayed transmission, fill the field in your mailer that corresponds to the destination (To) in the following manner:

Sample entry:

`sg-rly#8133111234@singapore.panasonic.co.sg`

Entry Example	Explanation
sg-rly	Enter the Relay XMT Password. (It must match the Relay XMT Password pre-programmed in the relay station.)
#8133111234	Enter the telephone number of the fax station. In addition to the telephone number, Address Book information may be entered between # and @. If a pause is required for dialing an outside line from an extension by using a PBX (exchange) or similar equipment, enter a hyphen (-) before the fax number.
After @	The host and domain names registered with the DNS server.

NOTE

- When Relayed transmission completes, a communication journal is emailed to the initial sending station, and a Fax Relay log is emailed to the administrator's computer that is pre-programmed in "**30 Manager's Email Addr**" of the relay station.

Convenient Application Software

■ TIFF Converter

The TIFF converter is an application that converts files created in another application to the Internet Fax-ready TIFF format.

Files created by Microsoft Word or Excel® (*.doc and *.xls) cannot be transmitted by Internet Fax as Email attachments in their original form.

To transmit files created by Microsoft Word or Excel from a computer to Internet Fax, it is necessary to have them converted to the Internet Fax-ready TIFF format using the TIFF converter.

NOTE

- Normally, select 200 dpi as a resolution for the conversion. When you are sending a detailed graphic documents to a Panasonic Internet Fax, you can specify 600 dpi resolution for better clarity.

■ TIFF Converter Mail Linking Program

A TIFF Converter Mail Linking Program is an add-in program for the TIFF converter that links the Email client for MAPI to the TIFF converter for the Internet Fax.

Before sending a printed image as Email from the application to the Internet Fax, you have to convert the file into the format that the Internet Fax is allowed to receive, and print as an Email using the TIFF file creation function. You also have to send that file to the Internet Fax as an attached document.

TIFF Converter Mail Linking Program allows you to automatically create TIFF files by pressing one button from the TIFF converter for the Internet Fax.

You can download the Panasonic's TIFF converter and TIFF Converter Mail Linking Program, and their respective user's guide from the following URL. Click IFAXVIW (TIFF Viewer), and download the required software.

<http://panasonic.net>

Memo

Result of Relayed Transmission

When the Relayed Transmission feature is used, two reports as described below are transmitted from the relay station to the initial sending station, and administrator's computer confirming the results of a Relayed transmission.

■ Relayed Transmission Report (communication journal)

When a relay station completes a Relayed transmission, it transmits a Relayed Transmission Report (Communication Journal) to the initial sending station to report the relay result.

The Relayed Transmission Report (Communication Journal) is transmitted when the Function Parameter **"143 Relay XMT Report"** has been set to **"Always"** or **"Inc Only"**.

```

***** - Comm. Journal - ***** Date MMM-dd-yyyy ***** Time 15:00 *****

(1)                                (2)                                (3)

Mode = Relayed Transmission          Start=MMM-dd 15:00          End=MMM-dd 15:00



File No.= 050 (4)

(5)    (6)    (7)                (8)                                (9)    (10)
STN     Comm.  Key Name          Station Name/Email Address/Telephone No.  Pages  Duration
No.
001     R-OK   [STOCKHOLM      ] STOCKHOLM                                001/001 00:00:15
002     R-OK   [ROME           ] ROME                                001/001 00:00:15

- PANASONIC -

*****DP-xxxxx***** - HEAD OFFICE - ***** - 201 555 1212 - *****

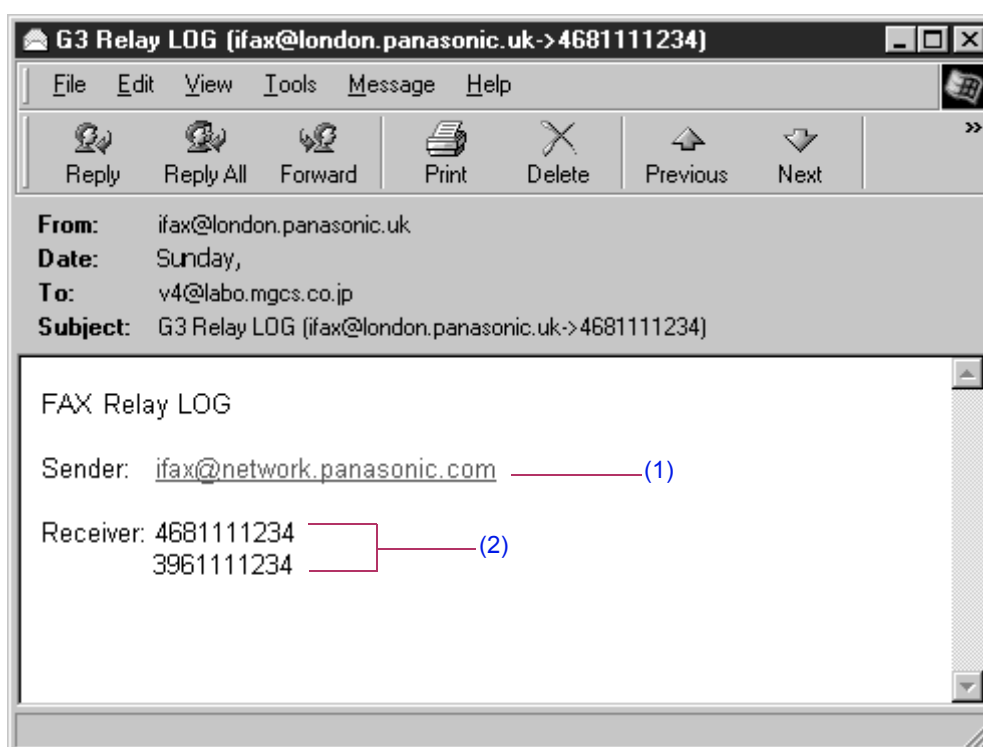
```

No.	Item	Explanation
(1)	Indication of communication mode	Indication of communication mode
(2)	Start time of communication	Start time of communication
(3)	End time of communication	End time of communication
(4)	File number	001 to 999 (When the communication is stored into the memory, a file number is assigned for each communication.)
(5)	Station number	Sequential number of the stations
(6)	Communication result	Communication result "R-OK" indicates that the Relayed XMT Request was successful. "3-digit Info Code" indicates that the communication has failed.
(7)	Key name or  mark	 mark indicates dialing by direct number dialing.
(8)	Recorded name in the Address Book, direct dialing number, or Email address	Recorded name in the Address Book, direct dialing number, or Email address

No.	Item	Explanation
(9)	Number of pages transmitted or received	The 3-digit number is the number of pages successfully transmitted or received. When the documents are stored into the memory, two 3-digit numbers will appear. The first 3-digit number represents the number of pages successfully transmitted. The second 3-digit number represents the total number of pages that were attempted to be transmitted.
(10)	Duration of Communication	Duration of Communication

■ Fax Relay Log Email

Each time a relay station completes a transmission, it emails a Fax Relay log to the administrator's computer that is pre-programmed in "30 Manager's Email Addr".



No.	Explanation
(1)	Email address of the sender's Internet Fax or PC
(2)	Fax telephone number of the end receiving station

Useful Terms to Remember

DHCP (Dynamic Host Configuration Protocol)

DHCP is a protocol for dynamically assigning IP Addresses to Internet Fax and client PCs. With DHCP, an Internet Fax can automatically acquire a unique IP Address each time it connects to a network making IP Address management an easier task for network administrators. When an Internet Fax logs on to the network, the DHCP server selects an IP Address from a master list, and assigns it to the system.

If you wish to enable the Direct Internet Fax transmission on your Internet Fax, a static (reserved by a network administrator) IP Address and configurations must be used instead of the DHCP operation. Contact authorized Panasonic dealer. (See page 108)

SMTP Authentication

Since the Internet debuted as an electronic infrastructure of global dimensions, the communications equipment market has been growing at a phenomenal rate. Yet, technologies help enhance Internet security are yet to come. There are some reasons.

1. Internet mail is a multi-hop (multi-protocol, multi-device) structure, so transmission line-based security is typically difficult to implement.
2. No exclusive technologies recommended by the Internet Fax standards are available.
3. Encryption-based authentication systems are presently available as standard solutions that drive system enhancement and integrity. Such an authentication entry has been embedded in an authentication feature, such as SASL (Simple Authentication and Security Layer).

Many Internet service providers (ISPs) support authentication methods in one form or another. The authentication options provided by this machine are as follows:

1. SMTP Authentication Extension Service (SMTP AUTH) - while sending
When users log on, they are authenticated by their user name and password, thereby preventing unauthorized users from sending or relaying faxes.
2. APOP authentication service (APOP) - while receiving
A scheme of password encryption used for receiving Email
3. POP before SMTP
To allow prior access to a POP3 server specified before the start of transmission to grant the permission to use the SMTP server

Memo

Editing a Communication Reservation File

Your machine has a document image memory which enables you to reserve Memory transmission, Memory Deferred transmission, Memory Polling and so on.

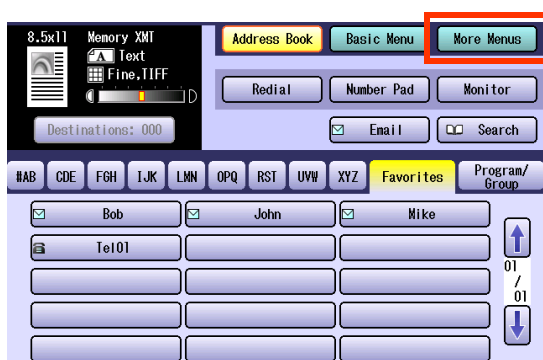
After reserving the communications in memory, you may need to change the settings of the communication(s) while it is still in memory. This section describes how to use the file editing features.

Displaying a Communication Reservation File List

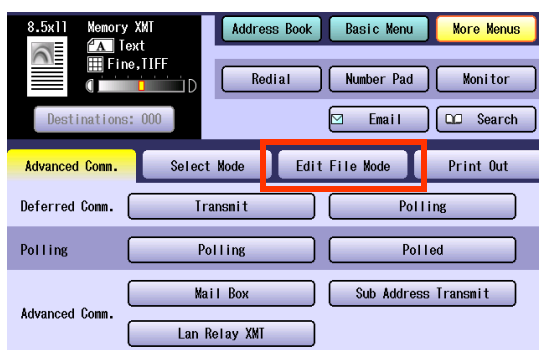
To display a communication reservation file list, follow the steps below.

1 Press the **Fax** key.

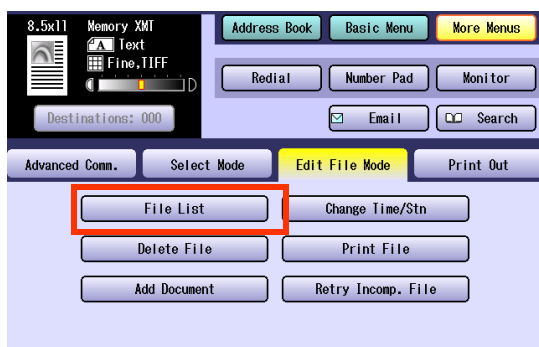
2 Select **"More Menus"**.



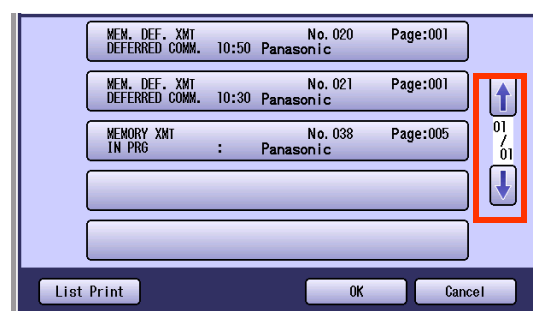
3 Select **"Edit File Mode"**.



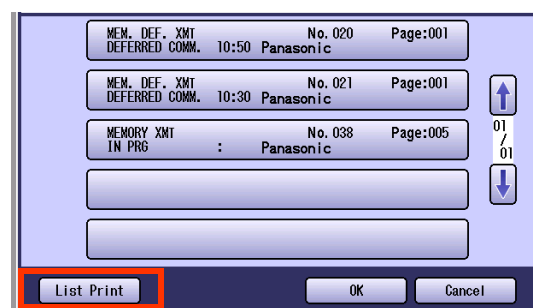
4 Select **"File List"**.



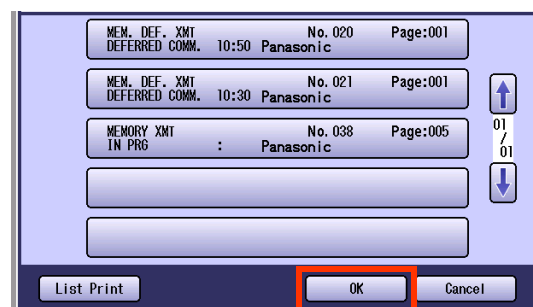
5 Select **↑** or **↓** to display the communication reservation file.



6 To print the communication reservation report, select **"List Print"**.



7 When the verification has completed, select **"OK"**.



● Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Reading the Reservation Report

Items covered in the reservation report are as follows.

***** -File List- ***** Date MMM-dd-yyyy ***** Time 09:11 *****					
(1) File No.	(2) Comm. Type	(3) Created Time	(4) Start Time	(5) Page(s)	(6) Destination(s)
020	Mem. Def. XMT	MMM-dd 19:54	10:50	001	[pana03]
021	Mem. Def. XMT	MMM-dd 19:56	10:30	001	[pana01] [pana03]
*038	Memory XMT	MMM-dd 09:02		005	[pana_Lanrelay]
- PANASONIC -					
***** DP-xxxx ***** - HEAD OFFICE - ***** - 201 555 1212 - *****					

No.	Item	Explanation
(1)	File Number	If the file is now being executed, an “*” is indicated on the left of the file number.
(2)	Communication Type	Communication type (for example, Polled transmission, Polling reception, and Memory transmission)
(3)	Created date/time	Date/time that these files were stored
(4)	Start time	If the file is a time-controlled communication, the start time is printed in this column. If the file is an incomplete file, “ Incomp ” is printed in this column.
(5)	Page(s)	The number of stored page(s)
(6)	Destination(s)	Key name(s)/Manual dialing location(s)

Editing Communication Reservations

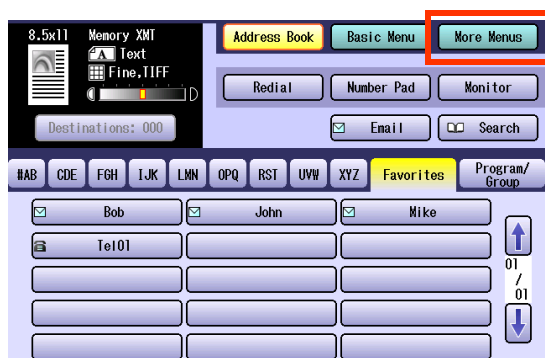
To change the start time and/or stations in a communication file, follow the steps below.

NOTE

- Communication reservations for the documents being transmitted cannot be modified.

1 Press the **Fax** key.

2 Select **"More Menus"**.



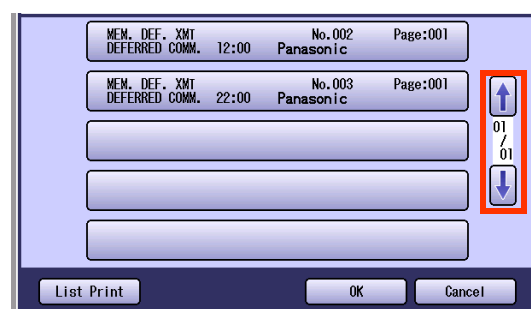
3 Select **"Edit File Mode"**.



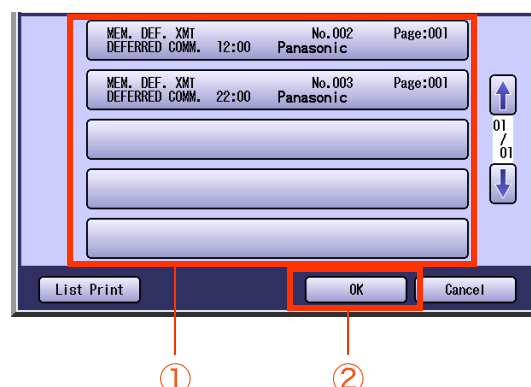
4 Select **"Change Time/Stn"**.



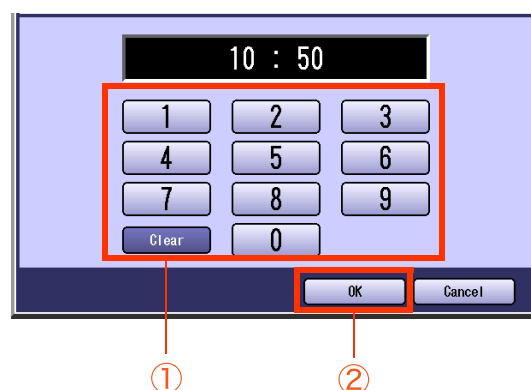
5 Select **↑** or **↓** to display a communication reservation file to be edited.



6 Select a communication reservation file, and then select **"OK"**.



7 Edit the communication time, and then select **"OK"**.



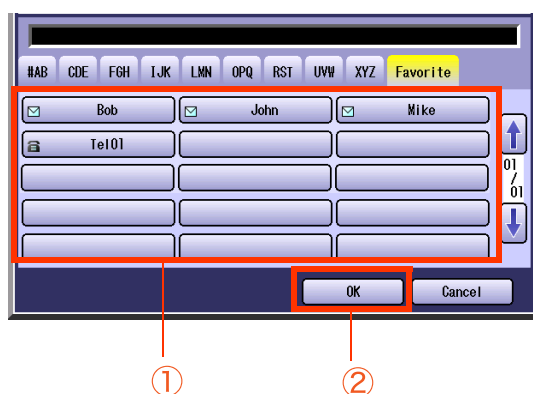
- To leave the communication time unchanged, select **"OK"**.
- If you make a mistake, select **"Clear"** to delete entries one digit at a time.

8 Edit the destination.



- To delete a destination(s), select **"Delete"**, and then go to step 10.
- To add destination(s), select **"Add"**, and then go to step 9.

9 Select the destination, and then select "OK".



10 When the change completes, select "OK".

- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Deleting a Communication Reservation File

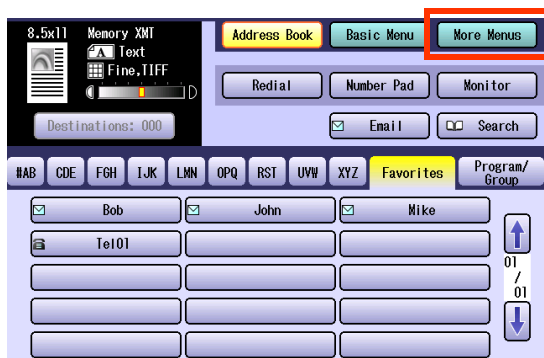
To delete a file in memory, follow the steps below.

NOTE

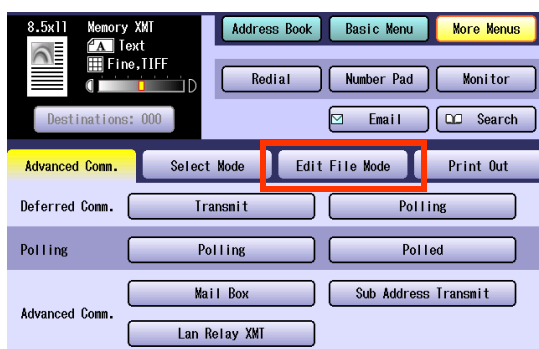
- Your machine cannot delete the file while it is being sent.

1 Press the **Fax** key.

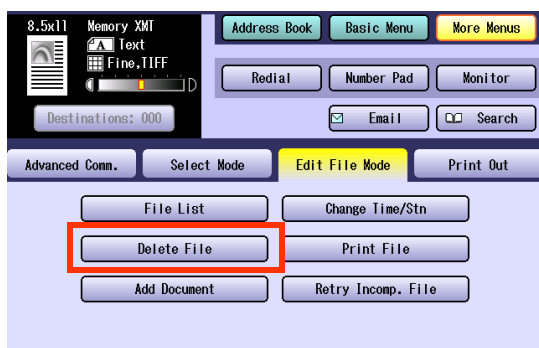
2 Select **"More Menus"**.



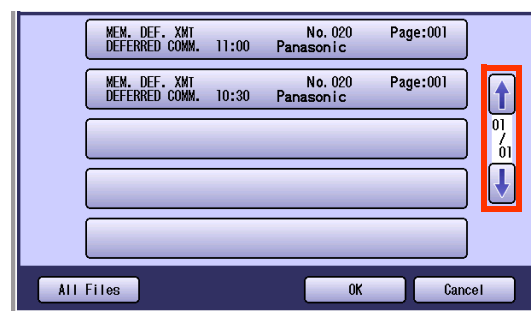
3 Select **"Edit File Mode"**.



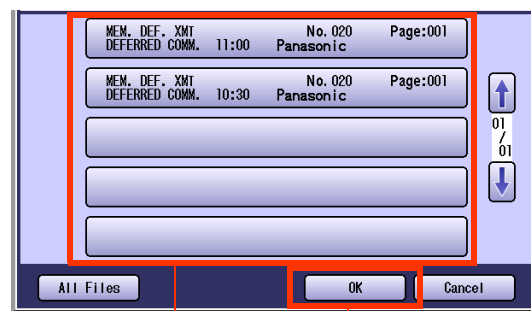
4 Select **"Delete File"**.



5 Select **↑** or **↓** to display a communication reservation file to be deleted.



6 Select a communication reservation file, and then select **"OK"**.

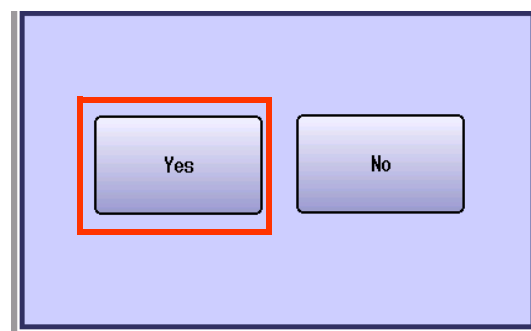


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- Select **"All Files"** to select all communication reservation files.
- To cancel the deletion, select **"Cancel"**.

7 Select **"Yes"**.



- To cancel the deletion, select **"No"**.
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Printing a Communication Reservation File

Communication reservation files stored in memory can be printed.

NOTE

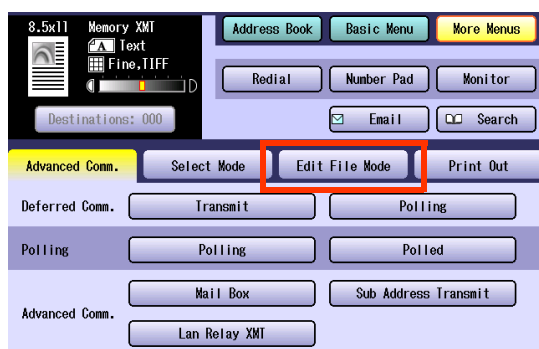
- Your machine cannot print the document while it is being sent.

1 Press the **Fax** key.

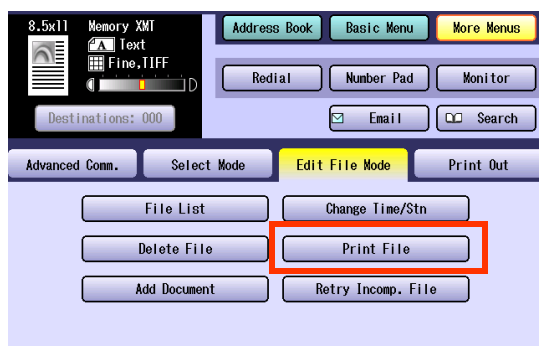
2 Select **"More Menus"**.



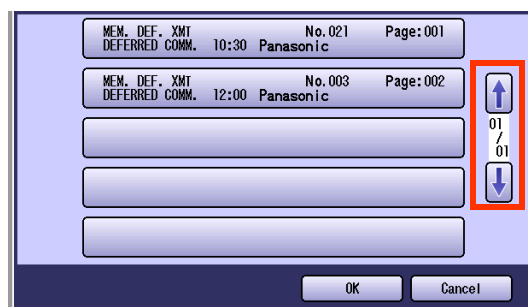
3 Select **"Edit File Mode"**.



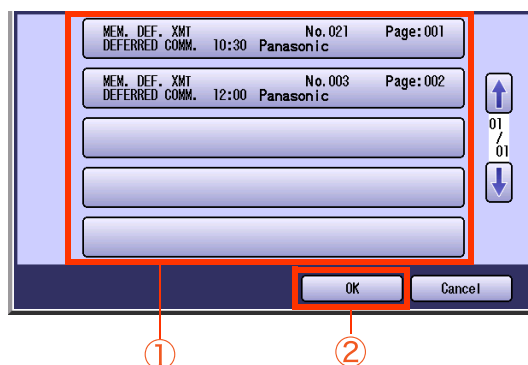
4 Select **"Print File"**.



5 Select **↑** or **↓** to display the communication reservation file you want to print.



6 Select a communication reservation file to be printed, and then select **"OK"**.



- To cancel the print, select **"Cancel"**.
- Selected communication reservation file is printed.
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Adding Documents to a Communication Reservation File

Documents can be added to a communication reservation file stored in memory.

NOTE

- Your machine cannot add the document into the file while it is being sent, waiting to redial, or trying to send the incomplete file.

- 1 Place the additional document.
 - Refer to **Placing Originals** (see page 14).

- 2 Press the **Fax** key.

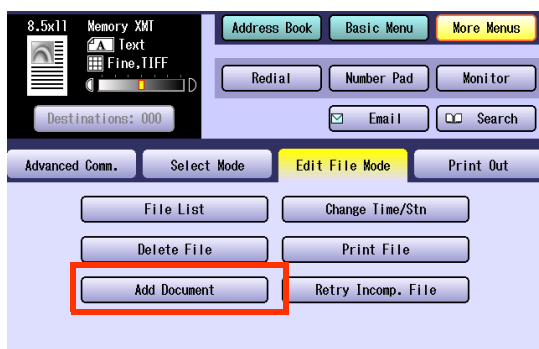
- 3 Select **"More Menus"**.





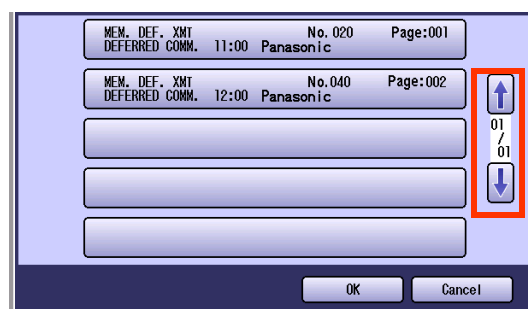
- 4 Select **"Edit File Mode"**.



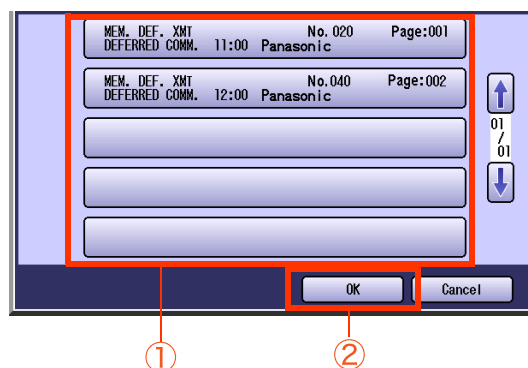
- 5 Select **"Add Document"**.



- 6 Select  or  to display the communication reservation file to which you want to add documents.



- 7 Select a communication reservation file to which pages are added, and then select **"OK"**.



- To cancel the page addition, select **"Cancel"**.

- 8 Your machine stores the documents.

Resending an Incomplete Document

With the Function Parameter “**31 Incomplete File Save**” (Fax/Email Settings > Fax Parameters) set to “**Valid**”, documents that could not be transmitted due to a communication error (such as the remote station busy or not responding) can be stored in memory as incomplete files.

This section explains how to resend incomplete files stored in memory.

NOTE

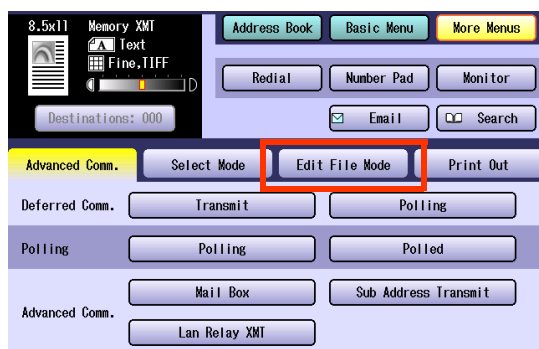
- The standard setting of “**31 Incomplete File Save**” is set to “**Invalid**”. For instructions on how to modify the standard setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- If the Function Parameter “**31 Incomplete File Save**” (Fax/Email Settings > Fax Parameters) is set to “**Valid**”, all incomplete files remain in the memory each time a communication error occurs. To avoid memory overflow, retry to send the incomplete file from time to time.

1 Press the **Fax** key.

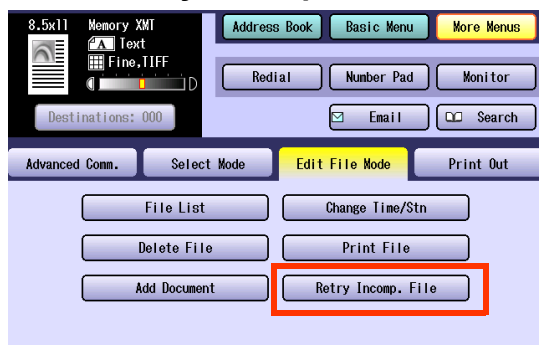
2 Select “**More Menus**”.



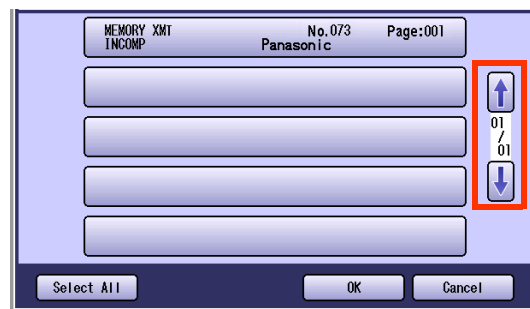
3 Select “**Edit File Mode**”.



4 Select “**Retry Incomp. File**”.

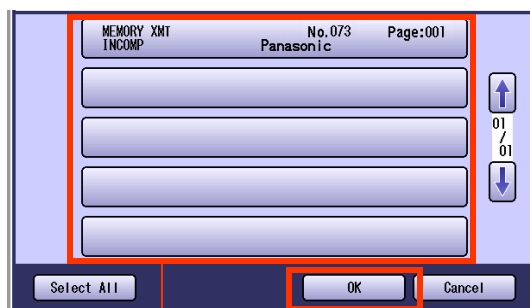


5 Select or to find the incomplete file that you want to resend.



- To send all incomplete files, select “**Select All**”.

6 Select the incomplete file that you want to resend, and then select “**OK**”.



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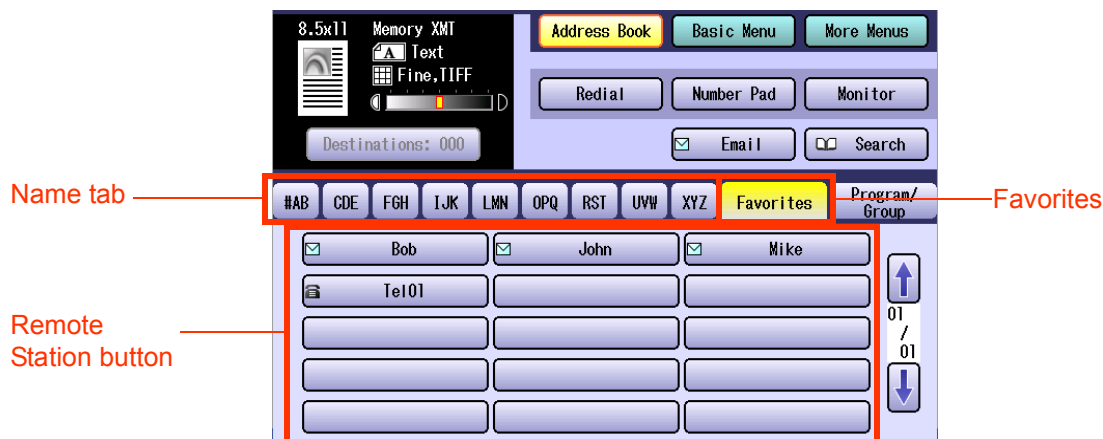
The communication error file is resent.

- To cancel resending, select “**Cancel**”.

Address Book

What is Address Book?

With the fax numbers or Email addresses of remote stations programmed in the Address Book, the stations can be selected with a single operation on their button appearing on the Touch Panel Display.



- NOTE**
- For instructions on how to set fax numbers or Email addresses using the Address Book, refer to **Entering a Destination** (see page 20) and **Entering an Email Address** (see page 116).

Items Allowed for Entry in the Address Book

No.	Item	Explanation	
1	Fax number	Set a fax number in the Address Book. Up to 36 characters	
2	Email address	Set an Email address in the Address Book. Up to 60 characters	
3	Station name	Remote station name. Up to 15 characters	
4	Key Name	Set a Key Name to display on the Touch Panel Display for selecting destination. Up to 15 characters	
5	Favorites	Select to show a programmed destination in "Favorites".	
6	Relay Station	Set the Email address of a relay station.	Displays if the feature has been programmed in Function Parameters (Fax/Email Settings).
7	Sub-address	Program sub-address for Inbound Routing.	
8	TSI	Program ID number for Inbound Routing.	

Adding a Fax Number into the Address Book

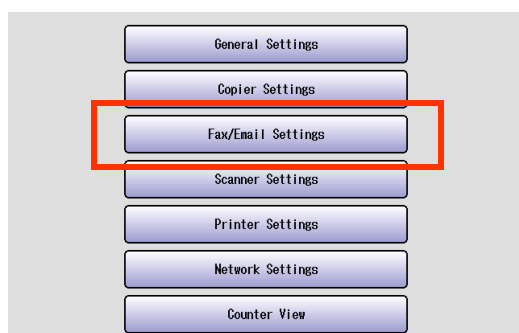
To add a fax number to the Address Book, follow the steps below.

NOTE

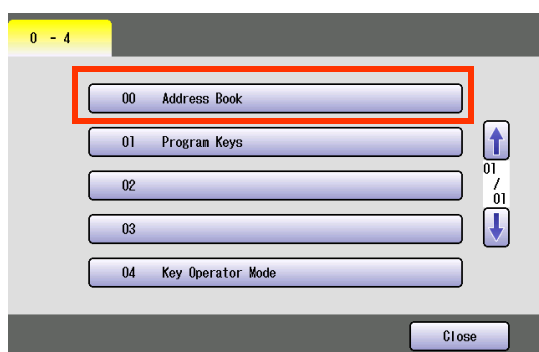
- Up to 1000 addresses can be registered.
- For instructions on how to edit the station in the Address Book, refer to **Editing Address Book** (see page 183).
- For instructions on how to delete the station from the Address Book, refer to **Deleting a Destination from Address Book** (see page 184).

1 Press the **Function** key.

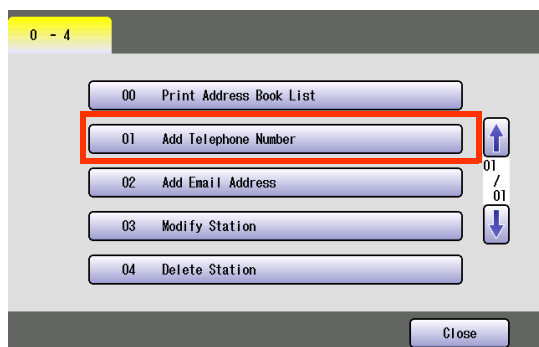
2 Select **"Fax/Email Settings"**.



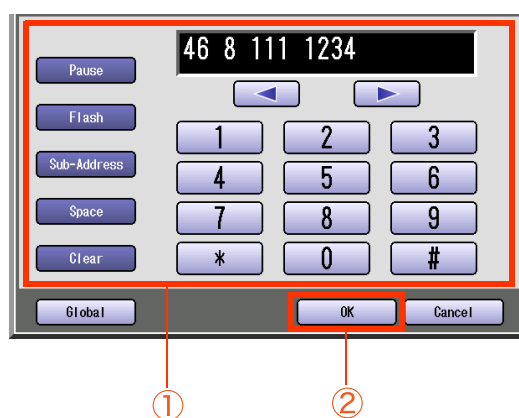
3 Select **"00 Address Book"**.



4 Select **"01 Add Telephone Number"**.

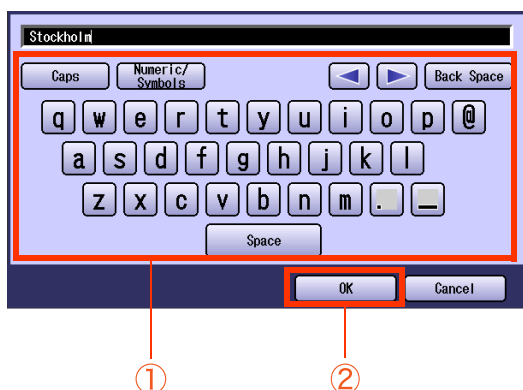


5 Enter a fax number, and then select **"OK"**.



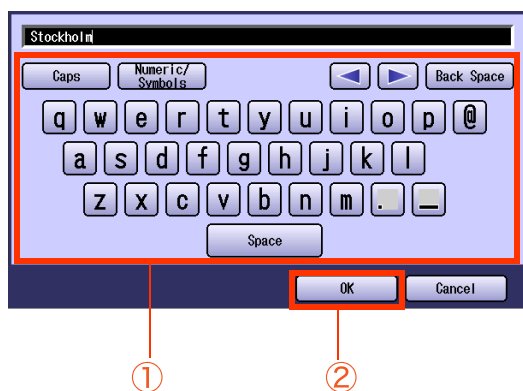
- Enter a fax number up to 36 digits including pauses and spaces.
- If you need a special access number to access an outside line, enter the number first, and then select **"Pause"** to enter a pause (represented by a "-") before entering the full number.
Ex: 9 Pause 5551234 -> 9-5551234
- If you want to change from the Pulse dialing to Tone dialing, select **"*"** (represented by a "I"). The "I" symbol is displayed after "-" when the dialing mode is set to Tone.
Ex: 9 Pause 5551234 -> 9-/5551234
- Select **"Clear"** to delete the fax number one digit at a time.
- For more information on how to enter fax numbers, refer to **Manual Dialing** (see page 20).

- 6** Enter a station name, and then select “OK”.



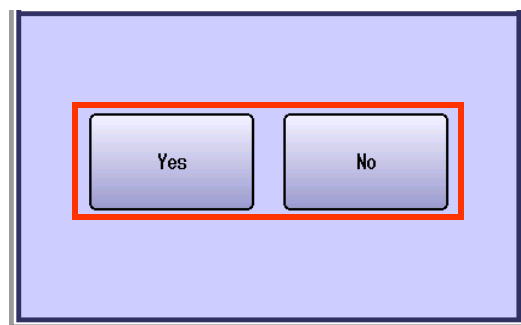
- Enter a station name up to 15 characters.
- If you make a mistake, press the **Clear** key or select “**Back Space**” to delete.
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.



- 7** Enter a Key Name, and then select “OK”.



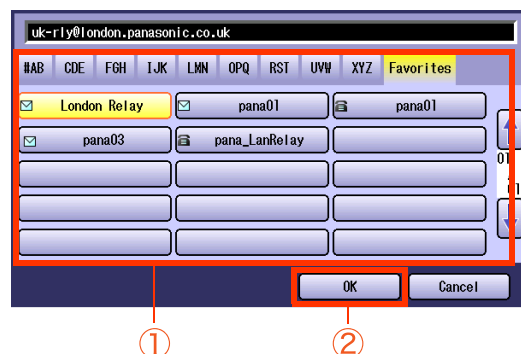
- Enter a Key Name up to 15 characters.
- Key Names are used to select destinations on the Touch Panel Display.
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

- 8** Select whether to add the station to “Favorites”.



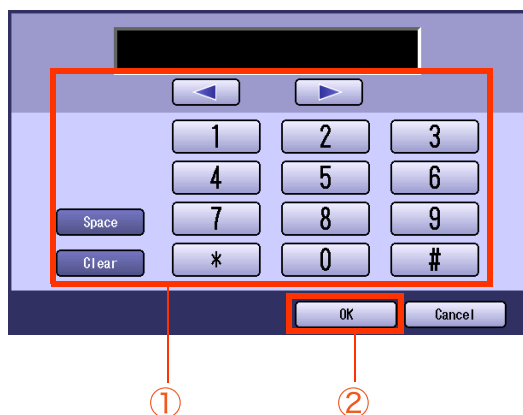
	Select to display the station in “Favorites”.
	Select not to display the station in “Favorites”.

- 9** To enable Relay Transmission, enter the Email address of a relay station, and then select “OK”.



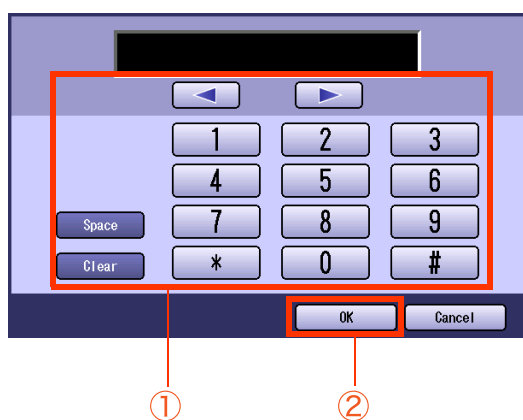
- This screen appears when the Function Parameter “**140 LAN RLY XMT Request**” (Fax/Email Settings > Fax Parameters) has been set to “Valid”.

- 10** To enable sub-addressed routing, enter a sub-address, and then select **“OK”**.



- This screen appears when the Function Parameter **“152 Sub-Addr Routing”** (Fax/Email Settings > Fax Parameters) has been set to **“Valid”**.

- 11** To enable routing by the sender's numeric ID, enter the numeric ID, and then select **“OK”**.



- This screen appears when the Function Parameter **“153 TSI Routing”** (Fax/Email Settings > Fax Parameters) has been set to **“Valid”**.
- To register another fax number, repeat steps 5 to 11.
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Adding an Email Address to Address Book

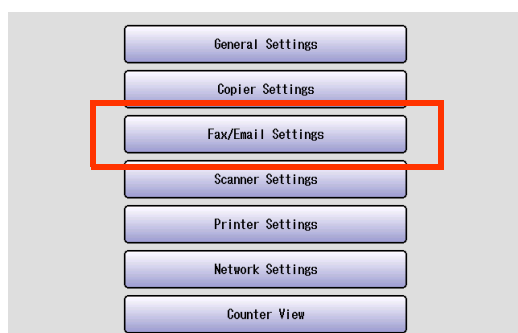
To add an Email address to the Address Book, follow the steps below.

NOTE

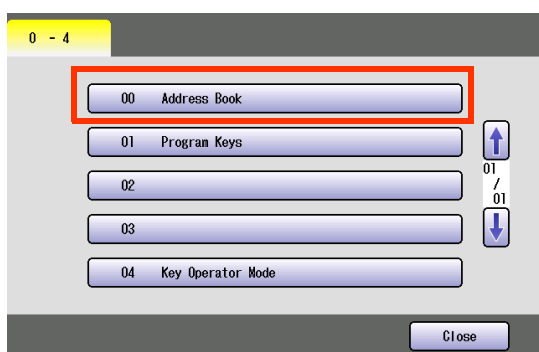
- Up to 1000 addresses can be registered.
- For instructions on how to edit the station in the Address Book, refer to **Editing Address Book** (see page 183).
- For instructions on how to delete the station from the Address Book, refer to **Deleting a Destination from Address Book** (see page 184).

1 Press the **Function** key.

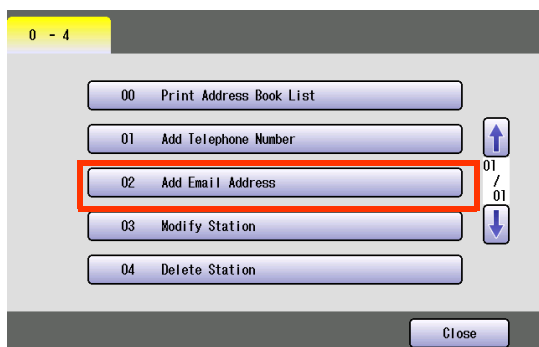
2 Select **"Fax/Email Settings"**.



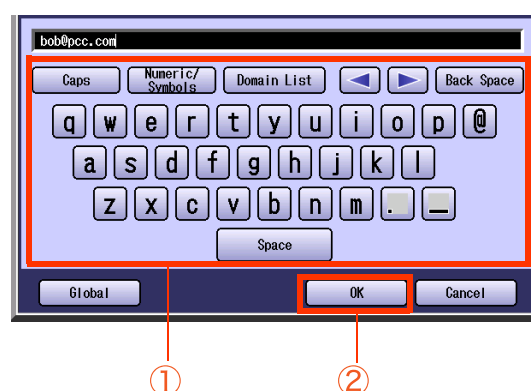
3 Select **"00 Address Book"**.



4 Select **"02 Add Email Address"**.



5 Enter an Email Address, and select **"OK"**.



- Enter an Email address up to 60 characters.
- If you make a mistake, press the **Clear** key or select **"Back Space"** to delete.
- For instructions on how to enter Email addresses, refer to **Entering an Email Address** (see page 116).
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

- 6 Enter a station name, and then select “OK”.



- Enter a station name up to 15 characters.
- If you make a mistake, press the **Clear** key or select “**Back Space**” to delete.
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

- 7 Enter a Key Name, and then select “OK”.



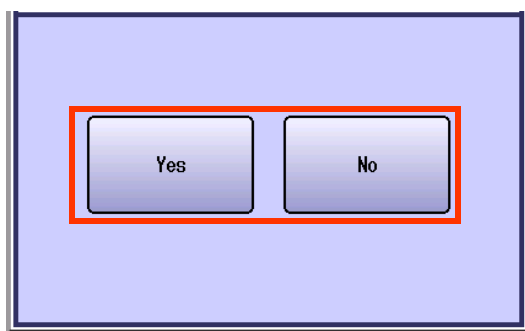
- Enter a Key Name up to 15 characters.
- Key Names are used to select destinations on the Touch Panel Display.
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.



- 8 Select “IFax”, and then select “OK”.



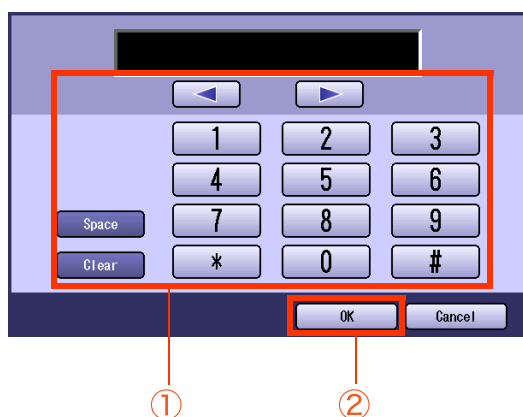
- To display the Email address in the Address Book of both Email/Scan and Fax modes, select “**PC**”.

- 9 Select whether to add the station to “Favorites”.



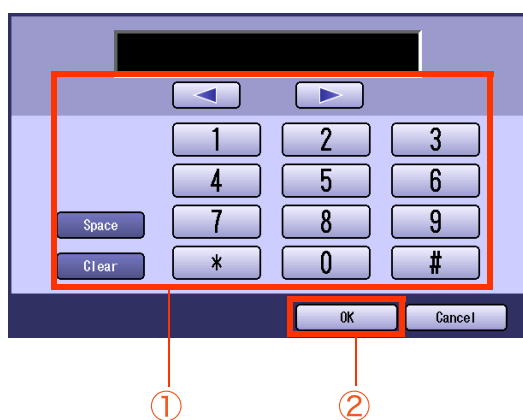
	Select to display the station in “ Favorites ”.
	Select not to display the station in “ Favorites ”.

- 10** To enable sub-addressed routing, enter a sub-address, and then select “OK”.



- This screen appears when the Function Parameter “**152 Sub-Addr Routing**” (Fax/Email Settings > Fax Parameters) has been set to “Valid”.

- 11** To enable routing by the sender’s numeric ID, enter the numeric ID, and then select “OK”.



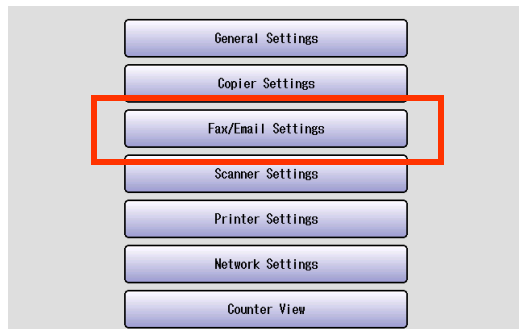
- This screen appears when the Function Parameter “**153 TSI Routing**” (Fax/Email Settings > Fax Parameters) has been set to “Valid”.
- To register another Email address, repeat steps 5 to 11.
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Editing Address Book

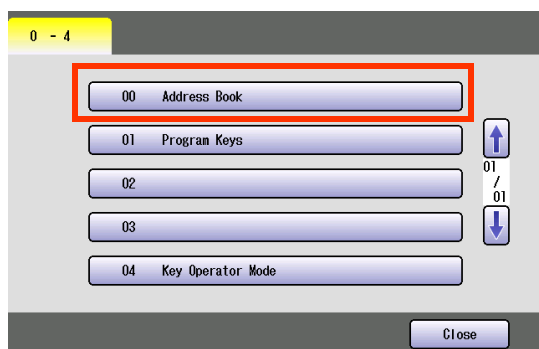
To edit the station in the Address Book, follow the steps below.

1 Press the **Function** key.

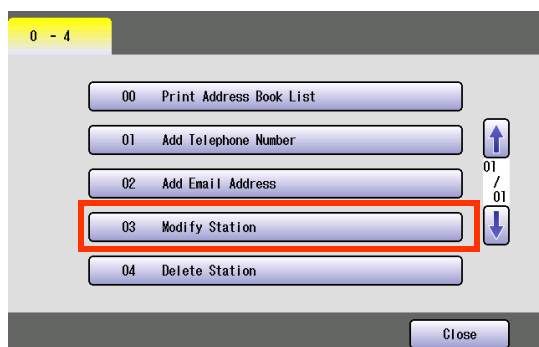
2 Select **"Fax/Email Settings"**.



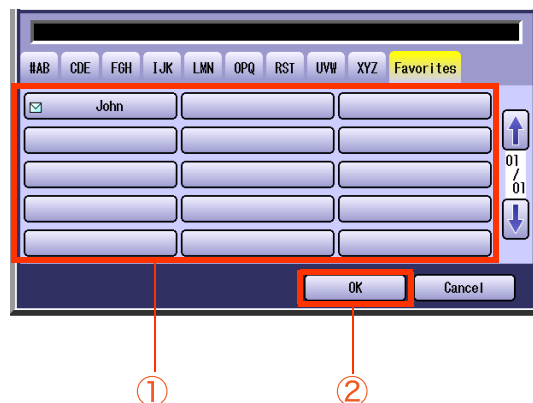
3 Select **"00 Address Book"**.



4 Select **"03 Modify Station"**.



5 Select the station you want to edit, and then select **"OK"**.



- Select the same button again to cancel the choice.

6 Edit the station.

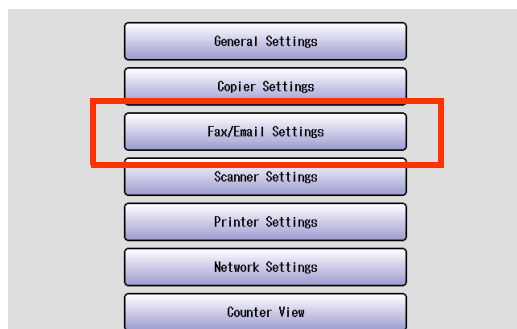
- For more information, refer to **Adding a Fax Number into the Address Book** (see page 177) and **Adding an Email Address to Address Book** (see page 180).
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Deleting a Destination from Address Book

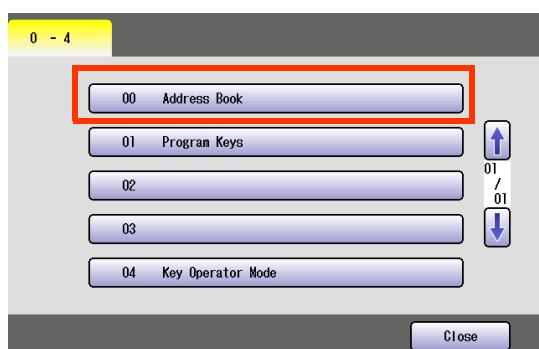
To delete a remote station from the Address Book, follow the steps below.

1 Press the **Function** key.

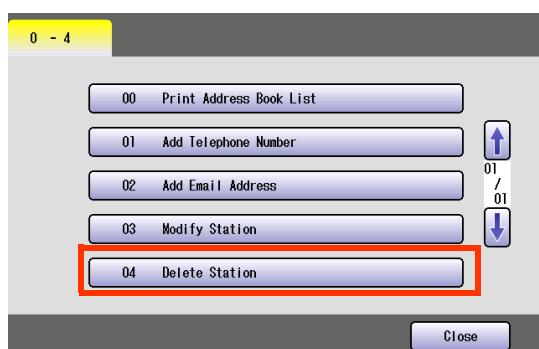
2 Select **"Fax/Email Settings"**.



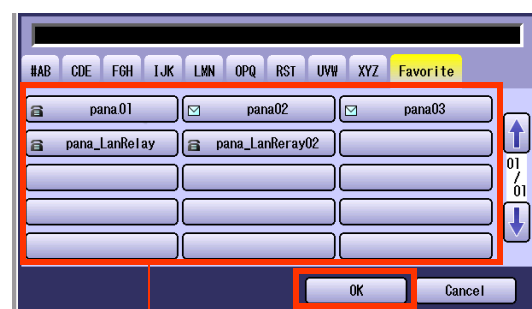
3 Select **"00 Address Book"**.



4 Select **"04 Delete Station"**.

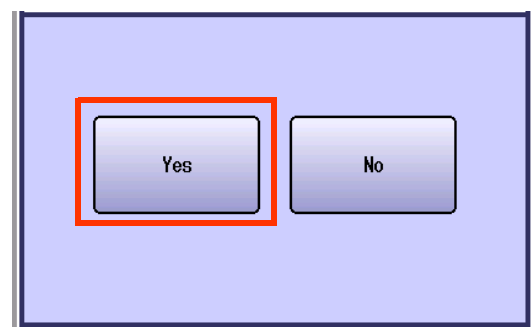


5 Select the station you want to delete from the Address Book, and then select **"OK"**.



- Only one station can be selected at a time.
- Select the same button again to cancel the choice.

6 Select **"Yes"**.



	Select to delete the selected station.
	Select to cancel the deletion.

- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Printing the Address Book List

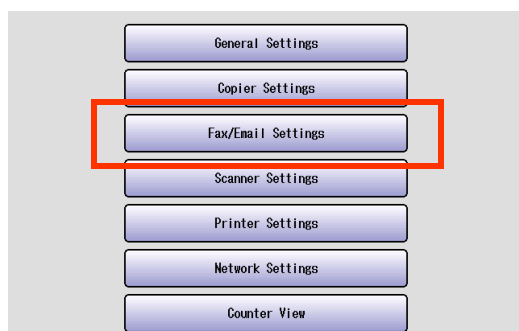
To print the Address Book list, follow the steps below.

NOTE

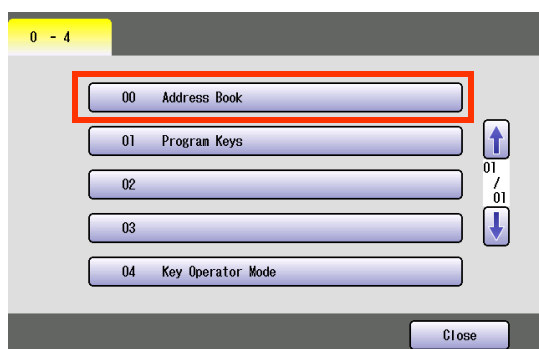
- The Address Book list can also be printed by selecting “**Print Out**” in “**More Menus**” (see page 204).
- For more details about items in the Address Book list, refer to **Reading Address Book List** (see page 205).

1 Press the **Function** key.

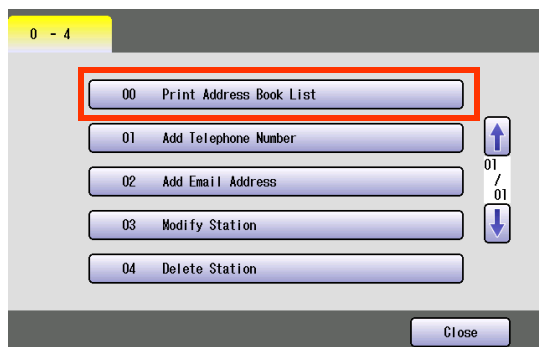
2 Select “**Fax/Email Settings**”.



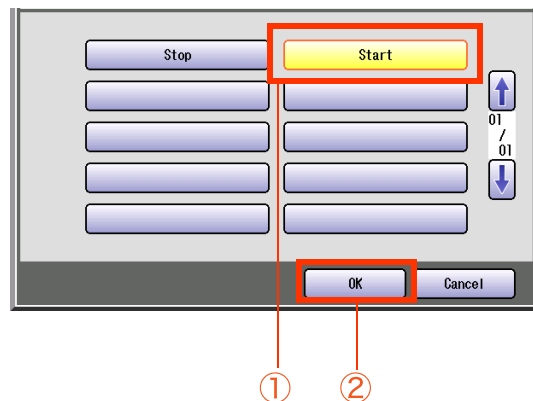
3 Select “**00 Address Book**”.



4 Select “**00 Print Address Book List**”.



5 Select “**Start**”, and then select “**OK**”.



The Address Book list is printed.

- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Program Keys

What is Program Key?

There are three ways to use the Program key:

■ Using for Program Dialing

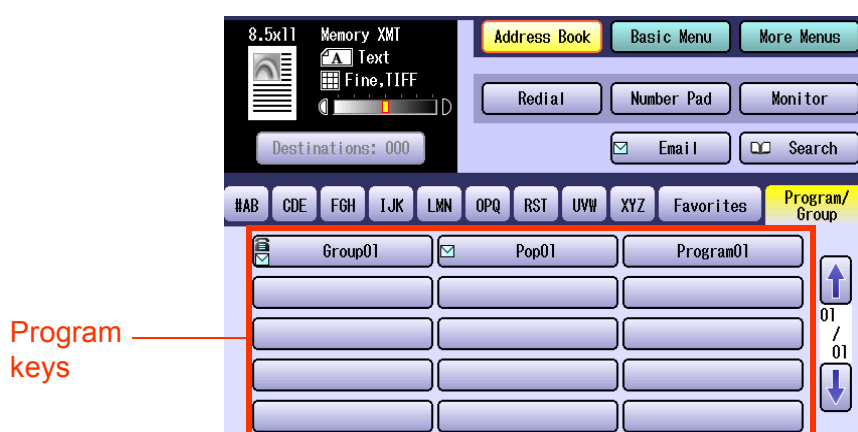
You can set communication sequences or destinations which you often use.

■ Using for Group Dialing

Multiple destinations can be selected from the Address Book, and pre-programmed on a single Program key for group dialing.

■ Using as Email Reception Key

This function allows others to share your machine to retrieve their Emails from the POP server by pre-programming their POP user names and POP passwords into the Program keys. They will be able to retrieve their Emails by simply pressing the corresponding Program key.



NOTE

- For instructions on how to use Program keys, refer to **Using Program Keys** (see page 54).

Programmable Items

The following items can be programmed on a Program key:

No.	Item	Explanation
1	Key name	Name of a program
2	Communication feature	Program communication features and destinations on program dialing.

Setting for Program Dialing

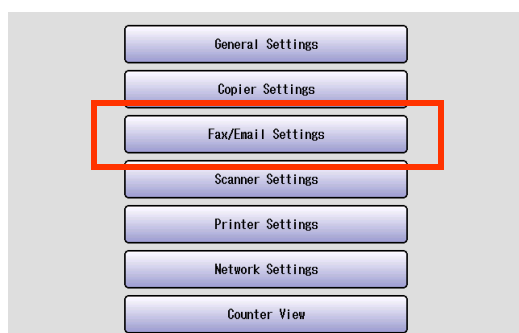
To program a communication feature on a Program key, follow the steps below.

NOTE

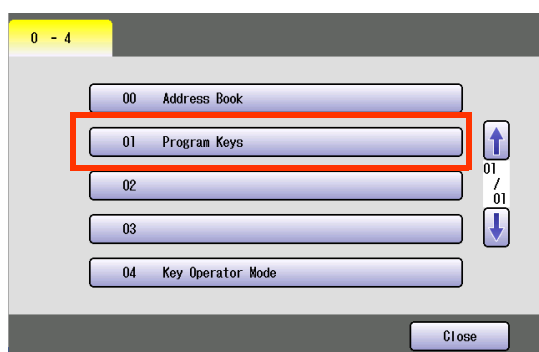
- For instructions on how to edit pre-programmed station, refer to **Editing Address Book** (see page 183).
- For instructions on how to delete pre-programmed station, refer to **Deleting a Destination from Address Book** (see page 184).
- For instructions on how to print the program list, refer to **Printing the Program List** (see page 194).

1 Press the **Function** key.

2 Select **"Fax/Email Settings"**.



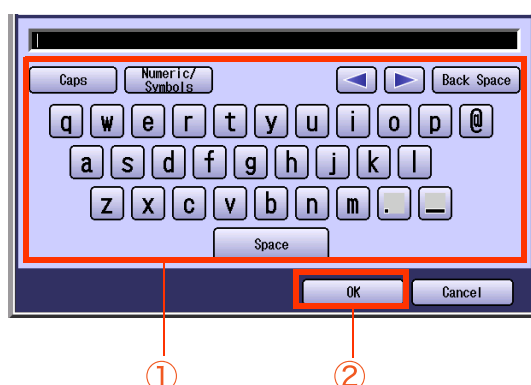
3 Select **"01 Program Keys"**.



4 Select **"02 Program Dial"**.

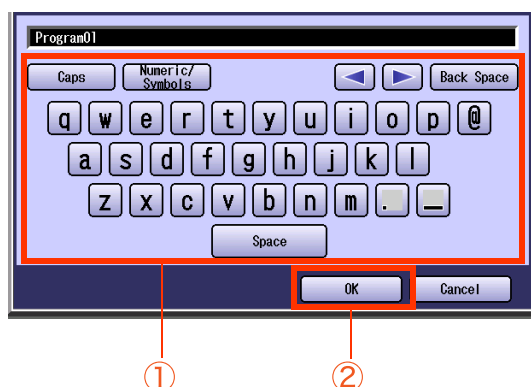


5 Enter a program dial name, and then select **"OK"**.



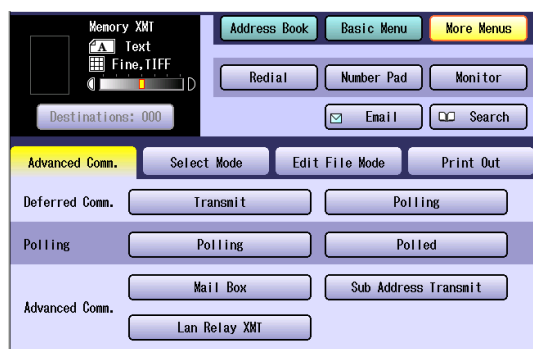
- Enter a name up to 15 characters.
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

6 Enter a Key Name, and then select **"OK"**.



7 Program each desired feature.

- Deferred Communication
 - Transmit (See page 60)
 - Polling (See page 62)
- Polling (See page 64)
- Advanced Communication
 - MailBox (See page 68)
 - Sub-Address Transmit (See page 76)
 - Lan Relay XMT (See page 158)



8 Press the **Start** key.

The program dial is programmed.

- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Setting for Group Dialing

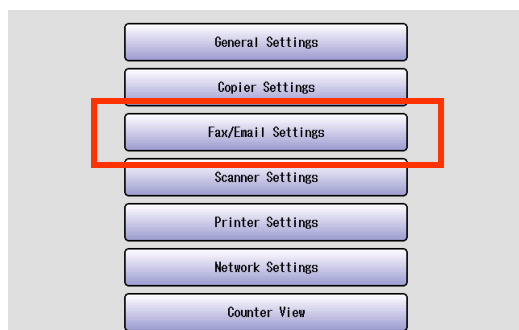
To program multiple destinations on a Program key, follow the steps below.

NOTE

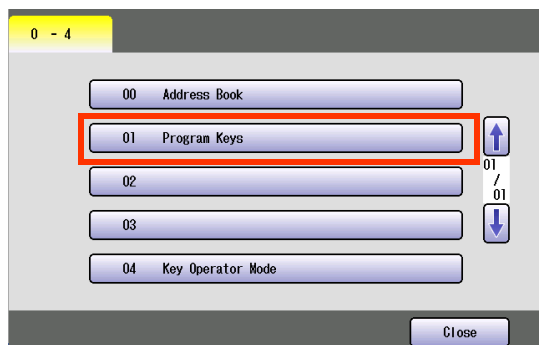
- For instructions on how to edit pre-programmed station, refer to **Editing Address Book** (see page 183).
- For instructions on how to delete pre-programmed station, refer to **Deleting a Destination from Address Book** (see page 184).
- For instructions on how to print the program list, refer to **Printing the Program List** (see page 194).
- To program multiple destinations, each destination must be programmed in advance.

1 Press the **Function** key.

2 Select **"Fax/Email Settings"**.



3 Select **"01 Program Keys"**.



4 Select **"01 Group Dial"**.

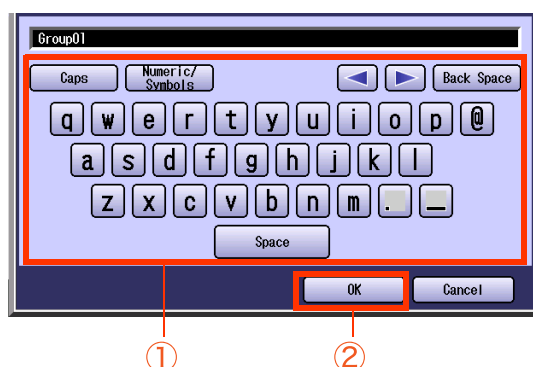


5 Enter a group dialing name, and then select **"OK"**.

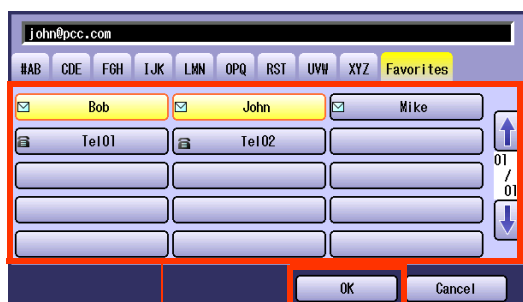


- Enter a name up to 15 characters.
- For instructions on using the onscreen Keyboard, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

6 Enter a Key Name, and then select **"OK"**.



- 7 Select the destinations to be programmed, and then select “OK”.



①

②

The group dialing is programmed.

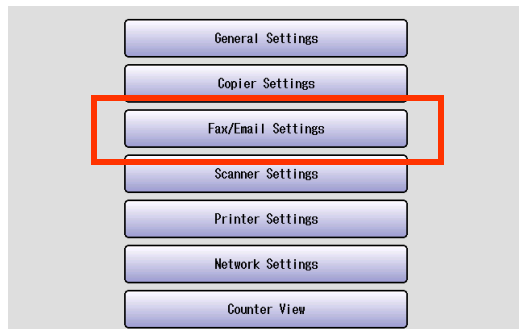
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Editing a Group Dialing

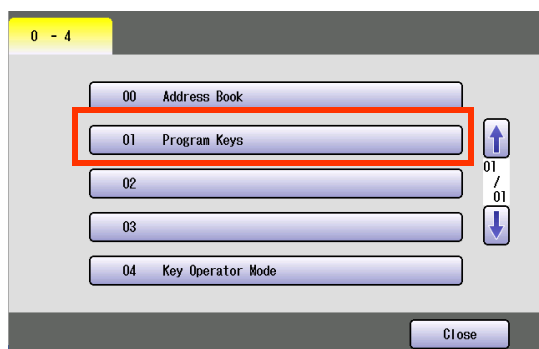
To edit a group dialing, follow the steps below.

1 Press the **Function** key.

2 Select **"Fax/Email Settings"**.



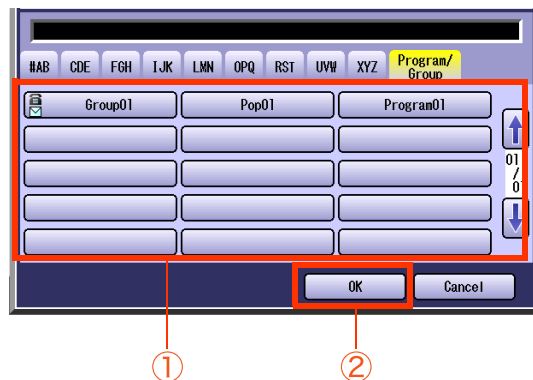
3 Select **"01 Program Keys"**.



4 Select **"03 Modify Group Dial"**.

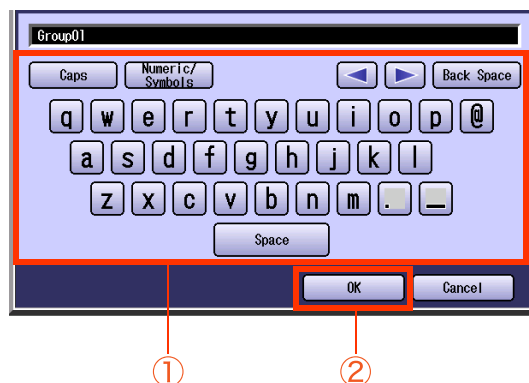


5 Select the Group Dial button you want to edit, and then select **"OK"**.

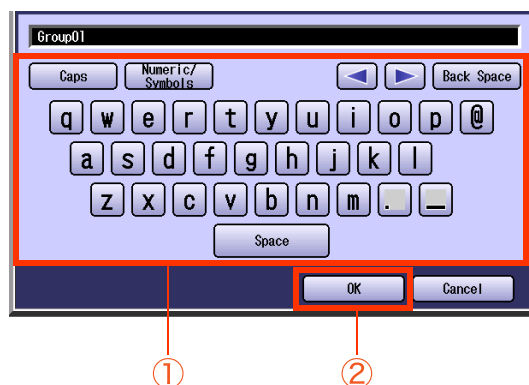


- Select the same button again to cancel the choice.

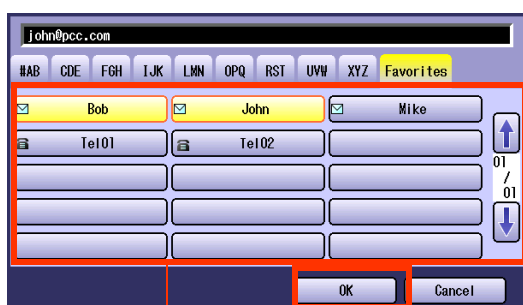
6 To rename a group dial name, enter a new name, and then select **"OK"**.



7 To rename a group dial key name, enter a new name, and then select **"OK"**.



- 8 Select the destination to be programmed, and then select “OK”.



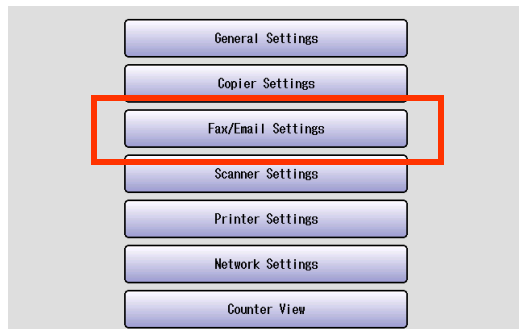
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Deleting the Program Key Setting

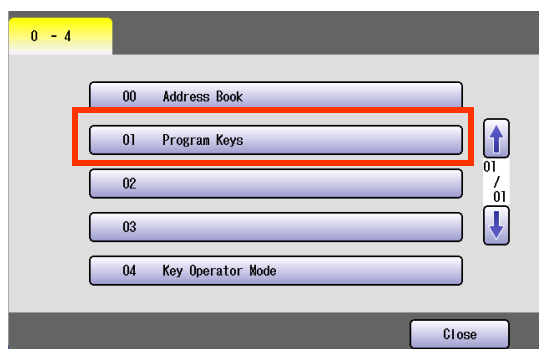
To delete a program dialing or group dialing destination, follow the steps below.

1 Press the **Function** key.

2 Select **"Fax/Email Settings"**.



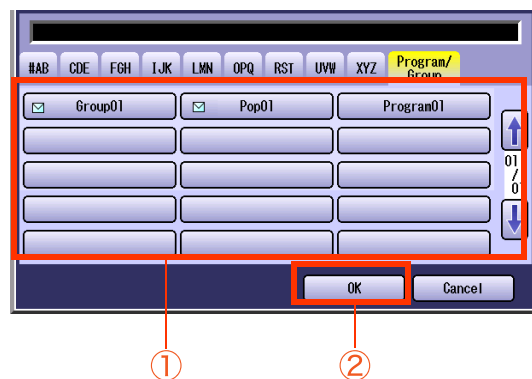
3 Select **"01 Program Keys"**.



4 Select **"04 Delete Program/GRP"**.

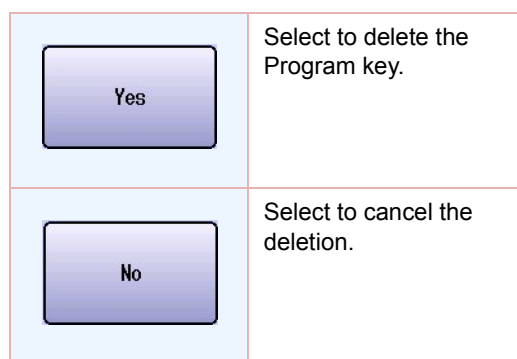
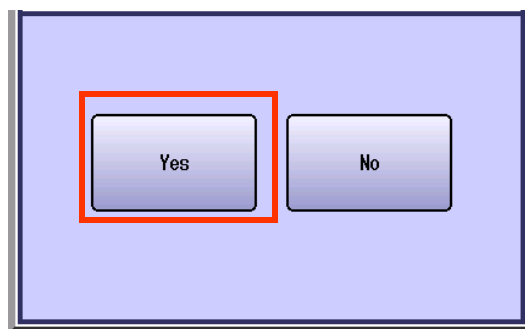


5 Select a Program key, and then select **"OK"**.



● Select the same button again to cancel the choice.

6 Select **"Yes"**.



● Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Printing the Program List

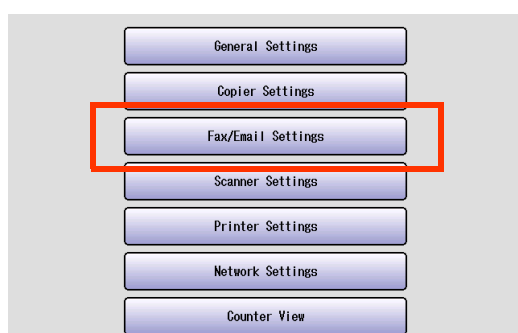
To print the program list, follow the steps below.

NOTE

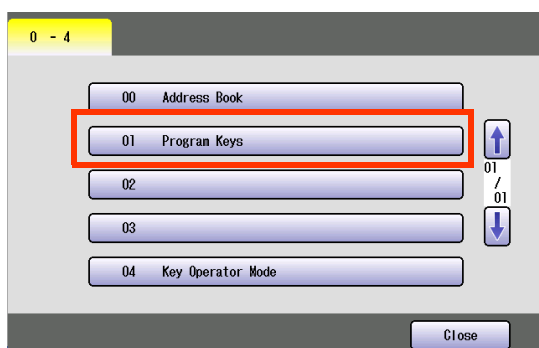
- The program list can also be printed by selecting “**Print Out**” in “**More Menus**” (see page 206).
- For more details about the items in the program list, refer to **Reading Program List** (see page 207).
- To program multiple destinations, each destination must be programmed in advance.

1 Press the **Function** key.

2 Select “**Fax/Email Settings**”.



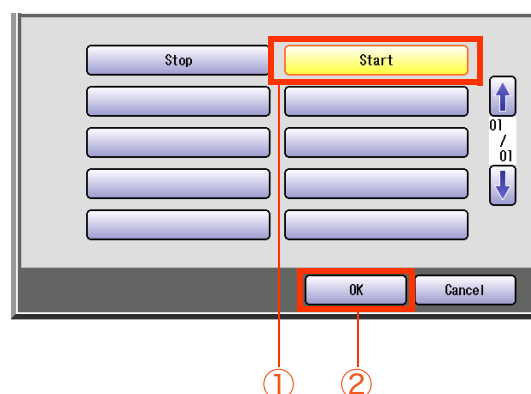
3 Select “**01 Program Keys**”.



4 Select “**00 Print Program List**”.



5 Select “**Start**”, and then select “**OK**”.



The program list is printed.

- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Programming Email Manual Reception on Program Keys

When this machine is connected to a POP server, POP Account name and password other than the machine's one can be programmed for a Program key to receive Emails.

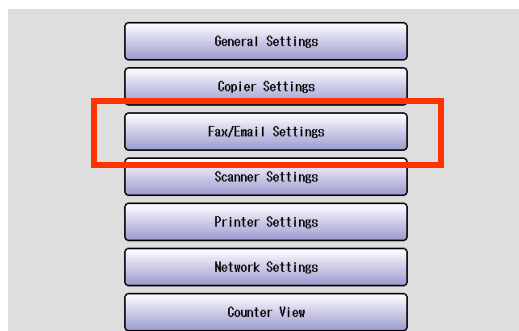
To enter an Email address and a password, follow the steps below.

NOTE

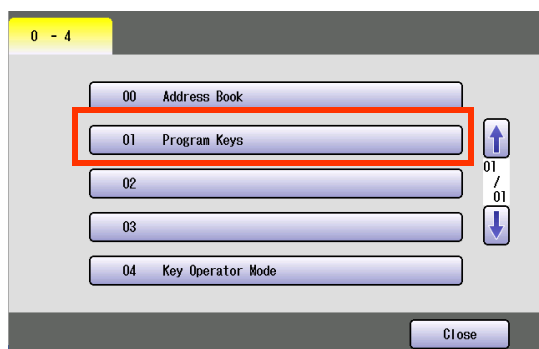
- If you leave a password blank in step 8, a password prompt window will appear upon POP reception. In order to strengthen the security, you are advised to leave a password blank.
- For instructions on how to print the program list, refer to **Printing the Program List** (see page 194).
- To program multiple destinations, each destination must be programmed in advance.

1 Press the **Function** key.

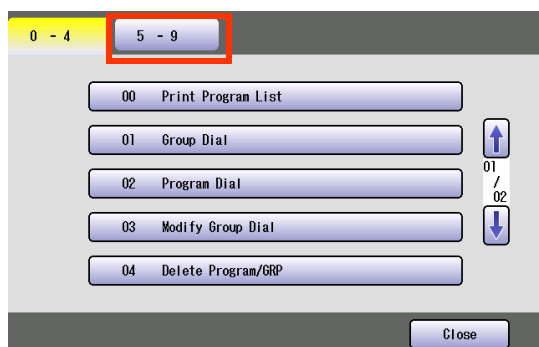
2 Select **"Fax/Email Settings"**.



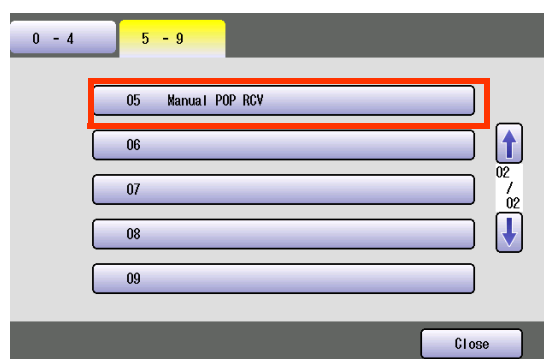
3 Select **"01 Program Keys"**.



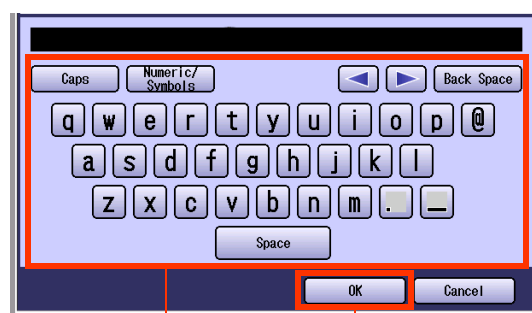
4 Select **"5-9"**.



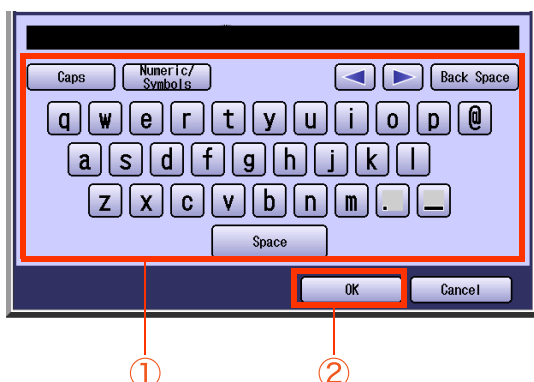
5 Select **"05 Manual POP RCV"**.



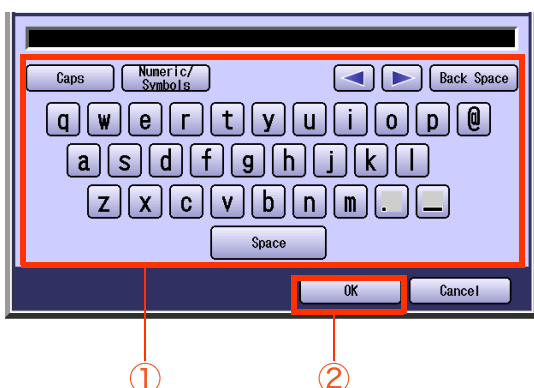
6 Enter a POP Account name, and then select **"OK"**.



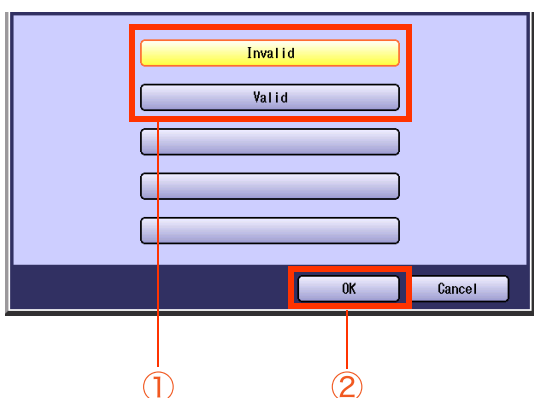
- 7 Enter a Key Name (program button name), and then select “OK”.



- 8 Enter the password, and then select “OK”.



- 9 Select “Invalid” or “Valid”, and then select “OK”.



Invalid	Select to leave Email on the POP server after it has been received.
Valid	Select to delete Email from the POP server after it has been received.

The POP Reception feature is programmed.

- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Transaction Journal

The **Journal** is a record of the last 200 transactions (a transaction is recorded each time you send or receive a document). It is printed automatically after every 200 transactions, or you can print or view it manually by using the following procedure.

- Regardless of the setting of the Function Parameter **“13 Auto Print JRNL”** (Fax/Email Settings > Fax Parameters), a transaction journal can be printed by selecting **“Journal”** from **“More Menu”**.
- Select **“XMT Only (View)”** or **“All (View)”** in **“Journal”** from **“More Menu”** to verify the transaction result on the Touch Panel Display.

This section explains how to print manually, view and read the transaction journal on the Touch Panel Display.

NOTE

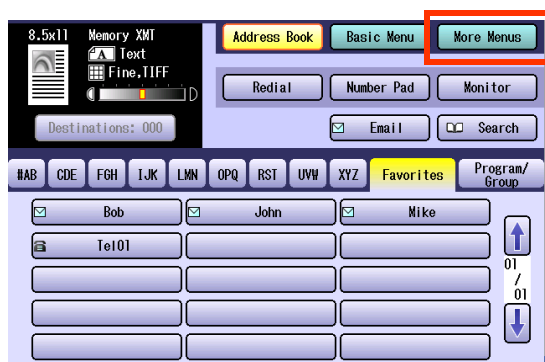
- The standard setting of **“13 Auto Print JRNL”** is **“Valid”**. For instructions on how to modify the Journal setting, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

Printing Transaction Journal

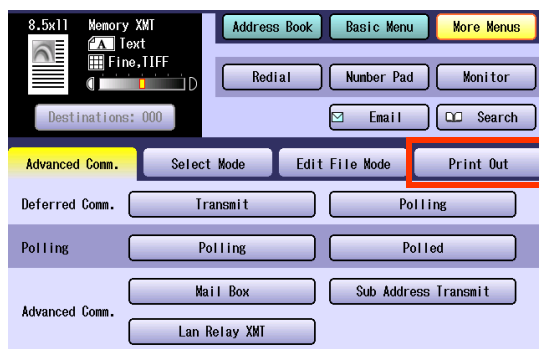
To print the transaction journal, follow the steps below.

1 Press the **Fax** key.

2 Select **“More Menu”**.



3 Select **“Print Out”**.

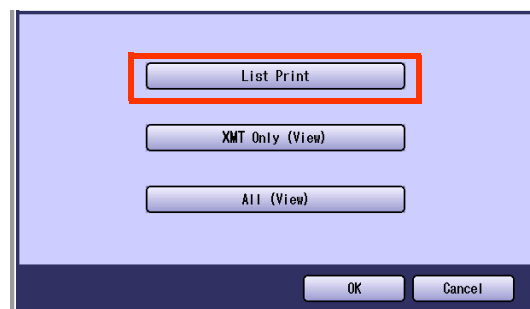


4 Select **“Journal”**.



5 Select **“List Print”**.

The transaction journal will be printed.



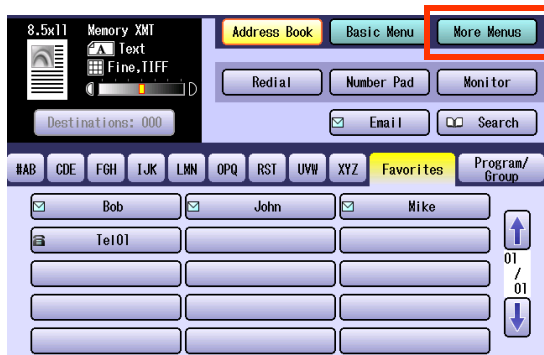
- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Viewing Communication Results on Touch Panel Display

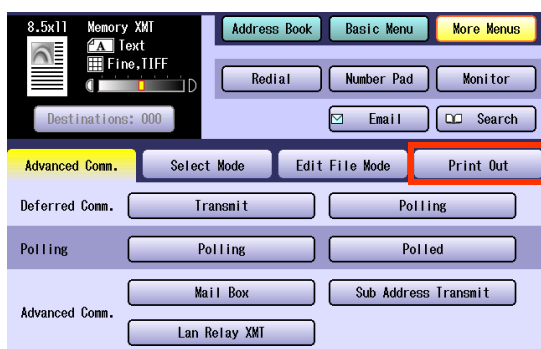
To view the communication results on the Touch Panel Display, follow the steps below.

1 Press the **Fax** key.

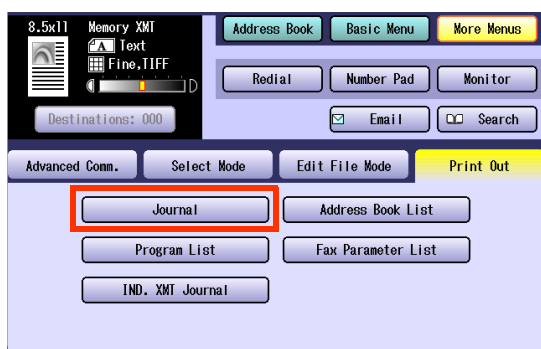
2 Select **"More Menus"**.



3 Select **"Print Out"**.



4 Select **"Journal"**.



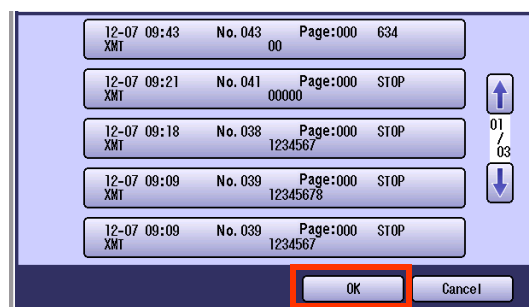
5 Select **"XMT Only (View)"** or **"All (View)"**.

Communication results will be displayed.



XMT Only (View)	Select to view only the transmission result.
All (View)	Select to view both the transmission and reception results.

6 When the verification completes, select **"OK"**.




- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Reading Transaction Journal

Items in the transaction journal are listed below.

***** -Journal- *****										
(1)					(2)					
Date MMM-dd-yyyy					Time 15:00 * * * P.01					
(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
No.	Comm.	Pages	File	Duration	X/R	Identification	Date	Time	Diagnostic	
001	OK	001/002	149	00:00:52	XMT	☎ 215	MMM-dd	20:04	C8444B0577000000	
002	--	001/001	151	00:00:02	XMT	TEST	MMM-dd	20:07	001 STN(S) LAN	
003	--	003/003	153	00:00:20	XMT	fax@nwfax1	MMM-dd	20:09	001 STN(S) LAN	
004	OK	003/003	154	00:00:21	RCV	fax@nwfax1.rdmg.mgcs	MMM-dd	20:10	LAN	
005	OK	001	155	00:00:19	XMT	215	MMM-dd	20:11	C0542B0577000000	
006	634	000/003	156	00:00:00	XMT	☎ 215	MMM-dd	20:14	0800420000000000	
007	408	*003		00:02:14	XMT	☎ 215	MMM-dd	21:17	0040440A30080000	
008	JUNK	000	157	00:00:00	RCV	01234567890	MMM-dd	21:19	C800000000000000	
<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>										
049	OK	000/001	159	00:00:07	XMT	TEL XMT	MMM-dd	20:14	0800420000000000	
050	OK	001/001	160	00:00:16	XMT	TEL XMT	MMM-dd	20:19	CB444BG577000000	
<< Continue >>										
(13)										
-PANASONIC										
***** DP-XXXX ***** -HEAD OFFICE - ***** - 201 555 1212- *****										
(15)										
(14)										

No.	Item	Explanation
(1)	Printout date	The date at which the Transaction Journal printed
(2)	Printout time	Printout time
(3)	Journal number	Journal number
(4)	Communication result	<p>"OK" indicates that the communication was successful.</p> <p>"Busy" indicates that the communication has failed because of busy line.</p> <p>"Stop" indicates that the Stop key was pressed during communication.</p> <p>"JUNK" indicates that the communication was canceled.</p> <p>"P-OK" indicates that memory overflow occurred while storing the documents into the memory for transmission but successfully stored document(s) was sent.</p> <p>"R-OK" indicates that the Relayed XMT was successful.</p> <p>"B-OK" indicates that the Batch transmission was successful.</p> <p>"M-OK" indicates that the Memory reception/Substitute reception was successful.</p> <p>"- -" indicates LAN transmission.</p> <p>"3-digit Info Code" indicates that the communication has failed. Refer to Information Codes (see page 215).</p>

No.	Item	Explanation
(5)	Pages	<p>Number of pages transmitted or received. The 3-digit number is the number of pages successfully transmitted or received.</p> <p>When the documents are stored into the memory, two 3-digit numbers will appear. The first 3-digit number represents the number of pages successfully transmitted. The second 3-digit number represents the total number of pages that were attempted to be transmitted.</p> <p>Asterisk “*” indicates that the quality of some received copies was poor.</p>
(6)	File number	001 to 999 (When the communication is stored into the memory, a file number is assigned for each communication.)
(7)	Duration of communication	Duration of communication
(8)	Type of communication	<p>“XMT” means Transmission.</p> <p>“RCV” means Reception.</p> <p>“POL” means Polling.</p> <p>“PLD” means Polled.</p> <p>“FWD” means Fax Forward.</p>
(9)	Remote station identification	<p>Name : Recorded name in the Address Book or remote station's character ID.</p> <p> number : Dialed telephone number. (PIN code will not be shown)</p> <p>Number : Remote station's ID number.</p> <p>Email address</p>
(10)	Communication date	Communication date
(11)	Communication Start time	Communication start time
(12)	Diagnostic	For service personnel only
(13)	Own LOGO	Up to 25 characters
(14)	Own ID number	Up to 20 digits
(15)	Own character ID	Up to 16 characters

Communication Journal

This is a report that is printed at the end of each transaction to keep a record of the communication result.

- A communication journal is printed when the Function Parameter “**12 Comm. Journal (HOME)**” (Fax/Email Settings > Fax Parameters) has been set to “**Always**” or “**Inc Only**”.

If set to “**Always**”

A communication journal will be printed when a transaction completes or fails.

If set to “**Inc Only**”

A communication journal will be printed only when a transaction has failed, for example, due to a communication error.

- Even when the communication journal is set to “**Off**” in “**More Menus**” > “**Select Mode**”, you may also configure the machine to print a communication journal individually. For more operational details, refer to **Printing Transaction Journal** (see page 197).
- If a Memory transmission has failed, for example, due to a communication error, an image of the first page of the document transmitted is covered in the communication journal, but not for Direct transmissions.

This section explains how to read the communication journal.

NOTE

- The standard setting of the Function Parameter “**12 Comm. Journal (HOME)**” (Fax/Email Settings > Fax Parameters) is “**Inc Only**”. For instructions on how to enable the COMM. Journal feature, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

Items that are covered in the communication journal are listed below.

***** -Comm. Journal- ***** Date MMM-dd-yyyy ** Time 15:00 *****

(1) Mode= Memory Transmission (2) Start = MMM-dd 14:50 (3) End = MMM-dd 15:00

File No.= 050 (4)

(5) STN No.	(6) Comm.	(7) Key Name	(8) Station Name/Email Address/Telephone No.	(9) Pages	(10) Duration
001	OK	[SERVICE	] SERVICE DEPT	001/001	00:01:30
002	OK	[SALES DEPT	] SERVICE DEPT	001/001	00:01:25
003	407	[ACCOUNTING	] SERVICE DEPT	000/001	00:01:45
004	Busy		021 111 1234	000/001	00:00:00

*****DP-XXXX ***** - HEAD OFFICE - PANASONIC - ***** - 201 555 1212 - *****

THE SLEREXE COMPANY LIMITED

SAPORS LANE . BOOLE . DORSET . BH 25 8 ER

TELEPHONE BOOLE (945 13) 51617 . TELEX 123456

Our Ref. 350/PJC/EAC 18th January, 1972.

Dr. P.N.Cundall,
Mining Surveys Ltd.,
Holroyd Road

...tions of print density,
cause the photocell to generate an analogous electrical video signal.
this signal is used to modulate a carrier, which is transmitted to
remote destination over a radio or cable communications link.

At the remote terminal, demodulation reconstructs the video
signal, white is used to modulate the density of print produced by a
printing device. This device is scanning in a raster scan synchronised
with that at the transmitting terminal. As a result, a facsimile
copy of the subject document is produced.



Probably you have used for this facility in your organisation.

Yours sincerely,

Phil.

P.J. CROSS
Group Leader - facsimile Research

No.	Item	Explanation
(1)	Indication of communication mode	Indication of communication mode
(2)	Start time of communication	Start time of communication
(3)	End time of communication	End time of communication
(4)	File number	001 to 999 (When the communication is stored into the memory, a file number is assigned for each communication.)
(5)	Station number	Sequential number of the stations

No.	Item	Explanation
(6)	Communication result	<p>"OK" indicates that the communication was successful.</p> <p>"Busy" indicates that the communication has failed because of busy line.</p> <p>"Stop" indicates that the Stop key was pressed during communication.</p> <p>"P-OK" indicates that memory overflow occurred while storing the documents into the memory for transmission but successfully stored document(s) was sent.</p> <p>"R-OK" indicates that the Relayed XMT was successful.</p> <p>"B-OK" indicates that the Batch transmission was successful.</p> <p>"M-OK" indicates that the Memory reception/Substitute reception was successful.</p> <p>"- -" indicates LAN transmission.</p> <p>"3-digit Info Code" indicates that the communication has failed. Refer to Information Codes (see page 215). In this case, the machine will print the attached report with the first page of your document as shown on the previous page.</p>
(7)	Key name or  mark	 mark indicates dialing by direct number dialing.
(8)	Recorded name in the Address Book, direct dialing number, or Email address	Recorded name in the Address Book, direct dialing number, or Email address
(9)	Number of pages transmitted or received	<p>The 3-digit number is the number of pages successfully transmitted or received.</p> <p>When the documents are stored into the memory, two 3-digit numbers will appear. The first 3-digit number represents the number of pages successfully transmitted. The second 3-digit number represents the total number of pages that were attempted to be transmitted.</p>
(10)	Duration of communication	Duration of Communication

Address Book List

This section explains how to print and read the Address Book list.

Printing Address Book List

To print the Address Book list, follow the steps below.

NOTE

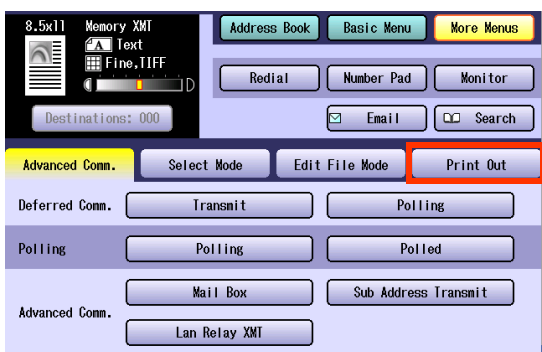
- The Address Book list can also be printed by programming “**Fax/Email Settings > Fax Parameters**” in Function Parameters.

1 Press the **Fax** key.

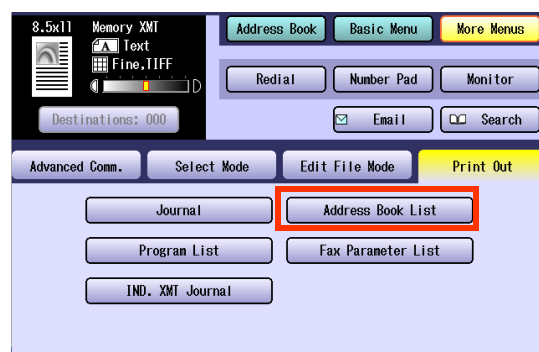
2 Select “**More Menus**”.



3 Select “**Print Out**”.



4 Select “**Address Book List**”.



The Address Book list will be printed.

- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Reading Address Book List

Items in the Address Book list are listed below.

```
***** -Address Book List- ***** Date MMM-dd-yyyy ***** Time 15:00 *****
(1) (2) (3) (4)
Key Name Station Name Email Address / Telephone No.
Routing Sub-Addr (6) Routing TSI (7) Relay Addr (8)

[B] [Bob Jones ] Bob Jones Jonesb@abcdefg.com
123456 201 555 1212
[J] [John Smith ] John Smith ☎ 201 555 3156
1234 +1 201 123 4567 [RELAY1]
[John Smith ] John Smith ☎ 201 555 3156
1212 212 555 1234 [RELAY2]
[P] [Panafax1 ] Panafax1 Panafax1@Panasonic.com.co.jp
4827 +81 03 5251 1234
[Panafax2 ] Panafax1 Panafax2@Panasonic.com.co.jp
1773 +81 0467 5251 1234

No. of Stations = 05 (5)

-PANASONIC -

***** DP-XXX***** -HEAD OFFICE - ***** 201 555 1212- *****
```

No.	Item	Explanation
(1)	The first letter of station name recorded in your machine	The first letter of station name recorded in your machine
(2)	Key name recorded in the machine	Up to 15 characters
(3)	Station name recorded in the machine	Up to 15 characters
(4)	Email address recorded in the machine	Up to 60 characters (Email address)
	Telephone number recorded in the machine	Up to 36 digits (Telephone number)
(5)	Number of recorded Address Book stations	Telephone number/Email address programmed in the Address Book
(6)	Routing Sub-address	Up to 20 digits
(7)	Routing TSI	Up to 20 digits
(8)	Relay address	Relay address

Program List

This section explains how to print and read the program list.

Printing Program List

To print the program list, follow the steps below.

NOTE

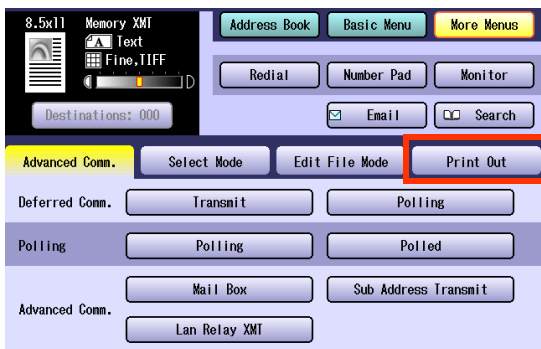
- The program list can also be printed by programming “Fax/Email Settings > Fax Parameters” in the Function Parameters.

1 Press the **Fax** key.

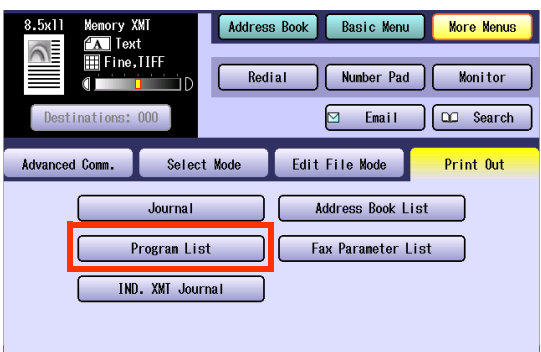
2 Select “**More Menus**”.



3 Select “**Print Out**”.



4 Select “**Program List**”.



The program list will be printed.

- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Reading Program List

Items in the program list are listed below.

***** -Program List- ***** Date MMM-dd-yyyy ***** Time 15:00 *****				
(1)	(2)	(3)		(4)
Key Name	Program Name	Type	Timer	Destination(s)
[TEST	] TEST	Group	-----	[PANAFAX] [SALE DEPT]
[ACCOUNT	] ACCOUNT	POP	-----	Delete Email : Invalid (5)
[ACC	] ACC	POP	-----	Delete Email : Valid
[PROG.B	] PROG.B	Group	-----	[PANAFAX] [PANASONIC]
- PANASONIC				
***** DP-XXXX***** -HEAD OFFICE - ***** 201 555 12121 *****				

No.	Item	Explanation
(1)	Key name	Key name
(2)	Program name	Up to 15 characters
(3)	Type of communication	"Group" indicates that the Program key is programmed as a group key. "POP" indicates that the Program key is programmed as an Email Manual Reception key.
(4)	Destinations	Destinations programmed in the Program key
(5)	Deletion of received Email	"Valid" means that the received Email will be deleted. "Invalid" means that the received Email will be retained.

Fax Parameter List

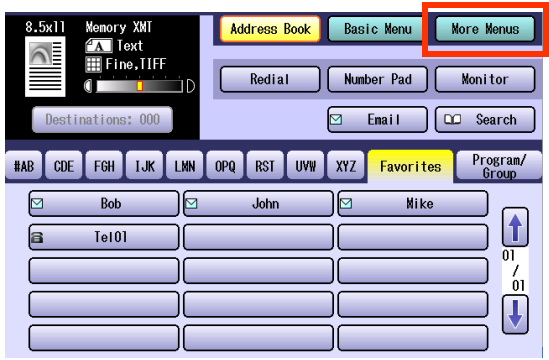
This section explains how to print and read the Fax Parameter list.

Printing Fax Parameter List

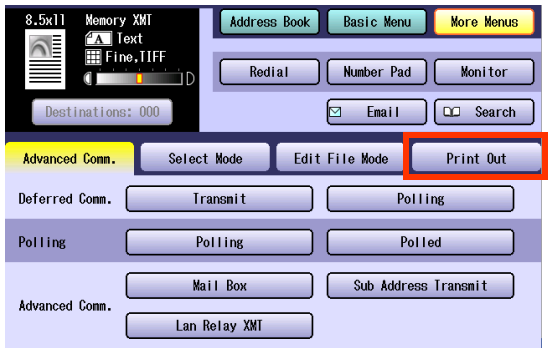
To print the Fax Parameter list, follow the steps below.

1 Press the **Fax** key.

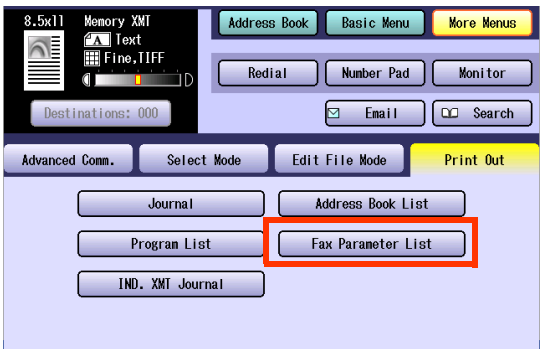
2 Select **"More Menus"**.



3 Select **"Print Out"**.



4 Select **"Fax Parameter List"**.



The Fax Parameter list will be printed.

- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Individual XMT Journal

This section explains how to print and read the individual XMT journal.

The individual XMT journal is useful when saving sent jobs or checking the detailed communication information. Only the latest sent result is printed.

Printing Individual XMT Journal

To print the individual XMT journal, follow the steps below.

1 Press the **Fax** key.

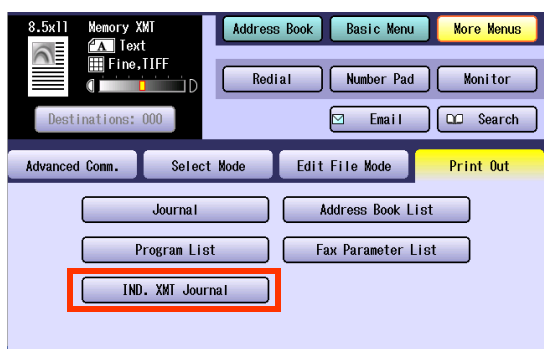
2 Select **"More Menus"**.



3 Select **"Print Out"**.



4 Select **"IND. XMT Journal"**.



The individual XMT journal will be printed.

- Press the **Reset** key to return the machine to the initial screen of the currently active mode.

Reading Individual XMT Journal

Items in the individual XMT journal are listed below.

***** -IND. XMT Journal- ***** Date MMM-dd-yyyy ***** Time 15:00 *****

(1) Date/Time = MMM-dd-yyyy 00:02
 (2) Journal No. = 035
 (3) Comm. Result = OK
 (4) Page(s) = 001/001
 (5) Duration = 09:00:01
 (6) File No. = 053
 (7) Mode = Memory Transmission
 (8) Destination = ☎ 0123456789
 (9) Received ID = 0001
 (10) Resolution = Std

- PANASONIC -

*****DP-XXXX ***** - HEAD OFFICE - ***** - 201 555 1212 - *****

No.	Item	Explanation
(1)	Date/Time	The date and time when the individual XMT journal is printed
(2)	Journal No.	Journal number
(3)	Communication result	<p>“OK” indicates that the communication was successful.</p> <p>“Busy” indicates that the communication has failed because of busy line.</p> <p>“Stop” indicates that the Stop key was pressed during communication.</p> <p>“P-OK” indicates that memory overflow occurred while storing the documents into the memory for transmission but successfully stored document(s) was sent.</p> <p>“R-OK” indicates that the Relayed XMT was successful.</p> <p>“B-OK” indicates that the Batch transmission was successful.</p> <p>“M-OK” indicates that the Memory reception/Substitute reception was successful.</p> <p>“- -” indicates LAN transmission.</p> <p>“3-digit Info Code” indicates that the communication has failed. Refer to Information Codes (see page 215). In this case, the machine will print the attached report with the first page of your document as shown on the previous page.</p>
(4)	Number of pages transmitted or received	<p>The 3-digit number is the number of pages successfully transmitted or received.</p> <p>When the documents are stored into the memory, two 3-digit numbers will appear. The first 3-digit number represents the number of pages successfully transmitted. The second 3-digit number represents the total number of pages that were attempted to be transmitted.</p>

No.	Item	Explanation
(5)	Duration	Duration of the communication
(6)	File No.	File number
(7)	Mode	Communication mode
(8)	Destination	Email address or fax number of the remote station
(9)	Received ID	Received ID of the fax
(10)	Resolution	Resolution that the fax was transmitted

Tips for Solving Problems

If you encounter the problems, please check following items.

Problem	Symptom	Action	Refer to
While sending	A document does not feed, or multiple pages are fed at the same time.	<ul style="list-style-type: none"> Check that the document does not have staples or clips attached to it and that it is not smeared or broken. Check if the document is loaded properly. 	_____
	Does not stamp.	Verify the settings of the Function Parameters "04 Stamp (HOME)" (Fax/Email Settings > Fax Parameters) and "28 Stamp at Memory XMT" .	Operating Instructions (For Function Parameters)
	The verification stamp image appears too light.	Replace the verification stamp.	Replacing the Verification Stamp (See page 222)
	Vertical lines appear in a transmitted document.	Make a copy on this machine and check the image quality. If the copy is OK, notify the receiving station at fault. If there are any problems with the copy, clean the document scanning surface area.	_____
	Document is transmitted as blank paper.	<ul style="list-style-type: none"> Check if the document is loaded properly. Make a copy on this machine and check image quality. If the copy is OK, notify the receiving station at fault. If there are any problems with the copy, clean the document scanning surface area.	_____
	Document is misfeeding.	1. Remove the jammed document according to the error code displayed on the Touch Panel Display. 2. The machine cannot send overlong document. Confirm the document length according to the guidelines shown below. <ul style="list-style-type: none"> Document length exceeds 78.8" (2 m) in "Std" and "Fine" mode. Document length exceeds 54.6" (1.38 m) in "S-Fine" and "600dpi" mode. 	Operating Instructions (For Maintenance)

Problem	Symptom	Action	Refer to
While receiving	Paper out	An error message will appear on the display if the machine has run out of the paper while receiving a document. Load paper.	_____
	Paper jam	If paper jam occurs, an error code is displayed. Remove the jammed paper.	Operating Instructions (For Maintenance)
	Paper does not feed.	Check if the Paper Tray is loaded with paper. Load paper as directed by relevant instructions.	Operating Instructions (For Maintenance)
	Paper is not exited at the end of a print job.	Check if the paper has jammed in the machine.	Operating Instructions (For Maintenance)
	The Automatic Print Reduction feature does not work.	Check the setting of the Function Parameter “ 24 Print Reduction ” (Fax/Email Settings > Fax Parameters).	Operating Instructions (For Function Parameters)
Communicating	No dial tone heard	<ul style="list-style-type: none"> • Check the telephone line connection. • Check the telephone line. 	Checking the Telephone Line (See page 221)
	The machine does not receive automatically.	<ul style="list-style-type: none"> • Check the telephone line connection. • Check the receive mode settings. • If the Function Parameter “13 Auto Print JRNL” (Fax/Email Settings > Fax Parameters) is set to “Valid”, and the machine is printing the received document(s) from memory, which also happens to be the 200th transaction, the machine will not answer automatically until the Transaction Journal completes printing. 	Operating Instructions (For Function Parameters)
	Cannot send or receive.	An error code appears on the display. See the error code table and identify the problem.	Information Codes (See page 215)
Operation	Operation rejected	Turn OFF the machine momentarily, and then turn it ON again.	_____

Information Codes

In the event of communication failures, information codes appear in the transmission result or transaction journal.

When an information code is displayed, take necessary action as recommended in the table below. For definitions of the information code not found here, refer to the **User (U)/Jam (J)/Machine (E) Error Codes** in the Operating Instructions (For Maintenance) of provided CD-ROM.

Info. Code	Problem	Action	Refer to																									
030	Document is misfeeding.	Reload the document properly. Remove the document jam. Adjust the Original Guides.	_____																									
031	Document is too long or jammed. Document length exceeds 78.8" (2 m) in “Std” and “Fine” mode only. The length limitation for “Super Fine” and “600dpi” mode is subject to the available memory size.	Reload the document properly. Remove the document jam. <table><tr><td></td><td colspan="2">600dpi (Max. Length)</td><td colspan="2">Super Fine (Max. Length)</td></tr><tr><td></td><td>2-Sided (Long Edge)</td><td>2-Sided (Short Edge) 1-Sided</td><td>2-Sided (Long Edge)</td><td>2-Sided (Short Edge) 1-Sided</td></tr><tr><td>A3/ Ledger</td><td>19" (486 mm)</td><td>54" (1387 mm)</td><td>28" (730 mm)</td><td>54" (1387 mm)</td></tr><tr><td>B4</td><td>22" (577 mm)</td><td></td><td>34" (866 mm)</td><td></td></tr><tr><td>A4/ Letter</td><td>26" (684 mm)</td><td></td><td>40" (1027 mm)</td><td></td></tr></table>		600dpi (Max. Length)		Super Fine (Max. Length)			2-Sided (Long Edge)	2-Sided (Short Edge) 1-Sided	2-Sided (Long Edge)	2-Sided (Short Edge) 1-Sided	A3/ Ledger	19" (486 mm)	54" (1387 mm)	28" (730 mm)	54" (1387 mm)	B4	22" (577 mm)		34" (866 mm)		A4/ Letter	26" (684 mm)		40" (1027 mm)		Operating Instructions (For Maintenance)
	600dpi (Max. Length)		Super Fine (Max. Length)																									
	2-Sided (Long Edge)	2-Sided (Short Edge) 1-Sided	2-Sided (Long Edge)	2-Sided (Short Edge) 1-Sided																								
A3/ Ledger	19" (486 mm)	54" (1387 mm)	28" (730 mm)	54" (1387 mm)																								
B4	22" (577 mm)		34" (866 mm)																									
A4/ Letter	26" (684 mm)		40" (1027 mm)																									
061	ADF Cover is open.	Close the ADF Cover.	_____																									
212	Communication error occurred.	Check with the other party.	_____																									
400	During initial handshake, receiving station did not respond or a communication error occurred.	Check with the other party. Reload the document and send again.	_____																									
401	Remote station required a receiving password to receive the document. Remote station does not have Confidential Mailbox.	Check the remote station.	_____																									
402	During initial handshake, communication error occurred.	Reload the document and send again.	_____																									
403	No polling capability at the remote side.	Ask remote side to set to be polled.	_____																									
404/405	During initial handshake, communication error occurred.	Reload the document and send again.	_____																									

Info. Code	Problem	Action	Refer to
406	Transmission password does not match. Receiving password does not match. Received from an unauthorized station in the Selective Reception mode.	Check the password or telephone number in Address Book.	Editing Address Book (See page 183)
407	No confirmation from the receiving station for the previous page sent.	Wait a few minutes and send again.	_____
408	Remote side confirmation of previous page is illegible.	Wait a few minutes and send again.	_____
410	Communication canceled by the transmitting side.	Check with the other party.	_____
411	Polling password does not match.	Check the polling password.	Operating Instructions (For Function Parameters)
412	No data from the transmitting side	Check with the other party.	_____
414	Polling password does not match.	Check the polling password.	Operating Instructions (For Function Parameters)
415	Polling transmission error	Check the polling password.	Operating Instructions (For Function Parameters)
416/417	Received data has too many errors.	Check with the other party.	_____
420/421	Machine goes to the receiving mode, but receives no command from the transmitting side.	Remote side misdial. Check with the other party.	_____
422/427	Interface is incompatible.	Check with the other party.	_____
430/434	Communication error occurred while receiving.	Check with the other party.	_____
436/490	Received data has too many errors.	Check with the other party.	_____
438	Received data from the sender whose numeric ID has been registered as a junk fax number.	_____	_____

Info. Code	Problem	Action	Refer to
456	Unit received a confidential document or was requested to be polled of a confidential document under any of following conditions. 1. Not enough space in memory to receive the confidential document. 2. Confidential Mailbox is full. 3. While printing received document. Unit was requested to relay a document.	Print a confidential document. Wait until the unit finishes printing.	Printing a Received Confidential Document (See page 72)
459	Communication error occurred.	Check with the other party.	_____
494	Communication error occurred while receiving.	Check with the other party.	_____
495	Telephone line disconnected.	Check with the other party.	_____
501/502/503/504	Communication error occurred using the internal V.34 modem.	Check with the other party.	_____
505	Received the polling request when documents have not been stored for being polled.	Check with the other party.	_____
540/541/542/543	Communication error occurred while transmitting.	Reload the document and send again. Check with the other party.	_____
550	Telephone line disconnected.	Check with the other party.	_____
554/555	Communication error occurred while receiving.	Check with the other party.	_____
580	Sub-address transmission to a unit that has no Sub-address function.	Check the remote station.	_____
581	Sub-address Password transmission to a unit that has no Password Sub-address function.	Check the remote station.	_____
623	No document is loaded in the ADF.	Resend the documents.	_____
630	Redial was not successful due to a busy line.	Reload the document and send again.	_____
634	Redial was not successful due to no response from the called station or wrong number dialed. If a dial tone is not detected, the machine does not transmit. Note: If busy tone was not detected, the machine will only redial once.	Check the telephone number, and send again. Change the setting of the Function Parameter "68 Dial Tone Check" (Fax/Email Settings > Fax Parameters) to "Off" .	Operating Instructions (For Function Parameters)

Info. Code	Problem	Action	Refer to
638	Power failure occurred during the communication.	Check the power cord and plug.	_____
700	During dialing, the Stop key was pressed.	Reload the document and send again.	_____
711	Incorrect LDAP settings	Check the LDAP server name, LDAP log-in name, LDAP password, and LDAP search base.	Operating Instructions (For Function Parameters)
712	Incorrect Email address	Check the registered Email address. Check the IP Address of the SMTP server with the network administrator.	Operating Instructions (For Administrator Setup)
714	Cannot log on to the LAN.	An unexpected LAN problem occurred. Check the 10 Base-T/100 Base-TX/1000 Base-T cable connection. Contact the network administrator.	Operating Instructions (For Administrator Setup)
715	TCP/IP connection timed out.	Check the Internet Fax parameter settings. Verify the IP Address, Default Gateway IP Address, and SMTP server IP Address.	Operating Instructions (For Administrator Setup)
716	Cannot log on to the designated SMTP server.	Check the SMTP server IP Address setting. Contact the network administrator.	Operating Instructions (For Administrator Setup)
717	Incomplete SMTP Protocol transmission. SMTP server's hard disk may be full.	SMTP server is defective. Contact the network administrator.	_____
719	Received data via LAN is in a format that is not supported.	Ask the originator to re-send with a supported file attachment format: • In the TIFF-F format • Image data conforming to recording paper size	_____
720	Cannot connect to the POP server (incorrect POP server IP Address). POP server is down.	Check the POP server IP Address. Contact the network administrator.	Operating Instructions (For Administrator Setup)
721	Cannot connect to the POP server (user name or password error).	Check the POP user name and password, or the APOP settings. Contact the network administrator.	Operating Instructions (For Administrator Setup)
722	Failed to obtain IP Address from the DHCP server.	Check the 10 Base-T/100 Base-TX/1000 Base-T cable connection. Confirm that the Internet Parameter, and the DHCP server are correctly configured before turning on, or turning off the power. Contact the network administrator.	Operating Instructions (For Administrator Setup)
725	DNS server connection timed out. DNS server is down.	Check the DNS server IP Address. Contact the network administrator.	Operating Instructions (For Administrator Setup)

Info. Code	Problem	Action	Refer to
726	Received an error response from the DNS server.	Check the POP server name. Check the SMTP server name.	Operating Instructions (For Administrator Setup)
727	Communication error occurred while communicating with remote station.	Check the remote station.	_____
728	Communication error occurred with the SMTP Direct transmission.	Check the remote station.	_____
729	Failed to authenticate (SMTP Authentication) when connecting with the SMTP server.	Check the SMTP authentication user name and password. Contact the network administrator.	Operating Instructions (For Function Parameters)
730	Cannot retrieve the Journal or program the Internet Parameters and the Auto Dialer remotely via Email from a PC.	Check that the Fax Parameter " 158 PC Remote Update " is set to " Valid ".	Operating Instructions (For Function Parameters)
731	The dialer buffer for manual dialing was full (70 stations) when the Relay transmission request was received.	Request the originator to re-send the Relay transmission request after the reserved communication is finished.	_____
734	Internet Fax communications and POP reception functions are disabled.	Contact the device administrator.	_____
800/814/816/ 825	Unit was requested to relay a document or Confidential Communication but has no capability.	Check with the other party.	_____
815	Mailbox is full.	Delete confidential documents.	Deleting a Confidential Document (See page 74)
826	The received sub-address is not pre-programmed in the Address Book.	Check entries in the Address Book. Check the entry of the sub-address of the remote station.	Address Book (See page 176)
850	The Relay transmission was canceled at a relay station because the Relay XMT passwords did not match.	Check the password.	Operating Instructions (For Function Parameters)
870	Memory overflow occurred while storing documents into memory for transmission.	Transmit documents without storing into memory. Add SD Memory Card in the machine.	Direct Transmission (See page 48)

Power Failure

■ Power Failure

The fax display remains off for the duration of a power failure, and you cannot send or receive documents.

Problem	Condition	Result
When a power failure occurs	You are talking to a remote party.	You can continue talking (external telephone connection).
	You are sending a fax.	The Fax transmission is canceled. Resend when power recovers.
	You are receiving a fax.	The Fax reception is canceled. Ask the remote party to resend when power recovers.
While a power failure persists	Make phone calls.	Possible with the external telephone connection
	Receive phone calls.	Possible with the external telephone connection
	Send a fax.	You cannot send a fax.
	Receive a fax.	You cannot receive a fax.
When power recovers	Memory content	Transmission and transmission data stored in memory is preserved intact.
	Data pre-programmed or preset on your machine	Data pre-programmed or preset in the Address Book and on program dialing, and Function Parameters are preserved through the power failure.

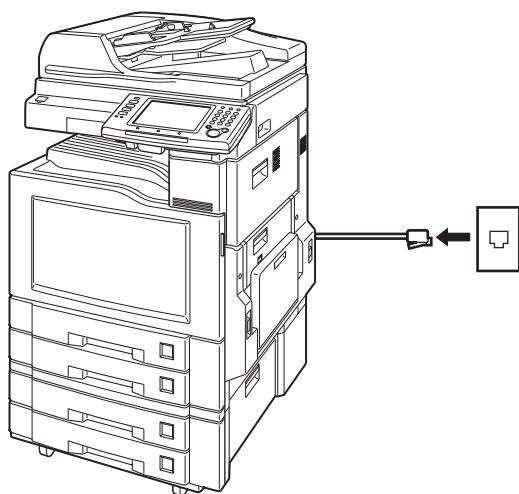
NOTE

- If a power failure occurs while scanning a document, the scan is canceled. Rescan the document when power recovers. If a power failure occurs while sending a document from memory, the fax or document will be resent immediately upon recovery.

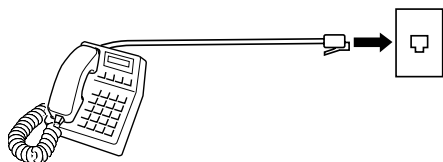
Checking the Telephone Line

If you do not hear a dial tone when **Monitor** is selected after pressing the **Fax** key, or the incoming call does not ring on your machine (no automatic receive), check the telephone line by following the procedure below.

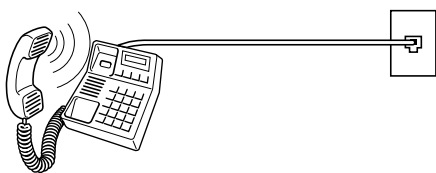
- 1 Unplug the Telephone Line Cable from the telephone jack that was supplied by the telephone company.



- 2 Plug a different regular telephone into the same telephone jack.



- 3 Check for a dial tone through the handset. If there is still no dial tone, report it to your local telephone company.
or
Call from another telephone to this number. If the telephone does not ring, report it to your local telephone company.



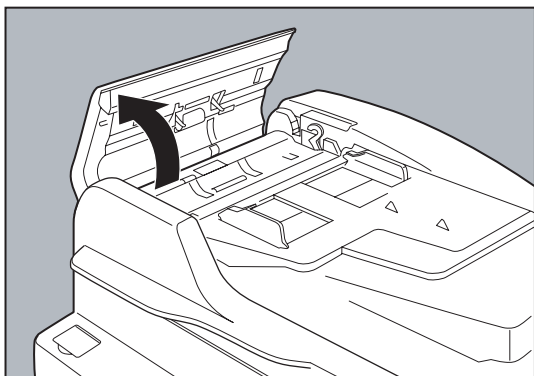
Replacing the Verification Stamp

To replace the verification stamp, follow the steps below.

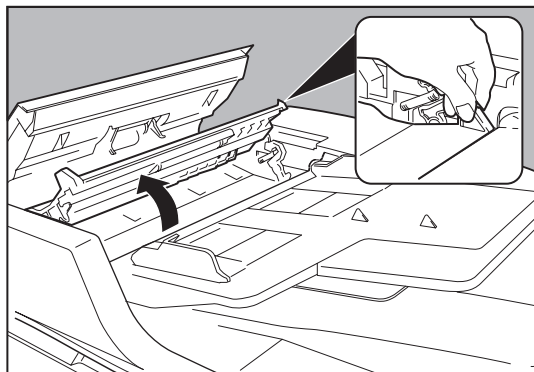
NOTE

- **DZHT000027** (for USA and Canada)
- **DZHT000004** (for other countries)

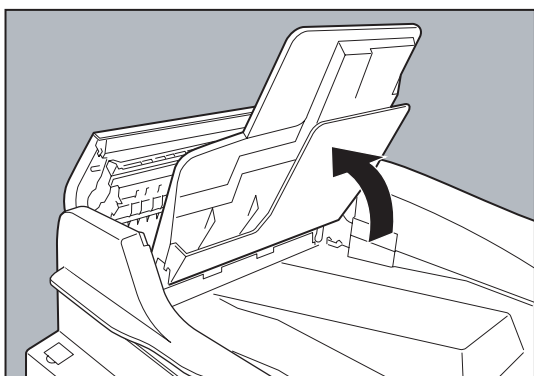
- 1 Open the ADF Cover.



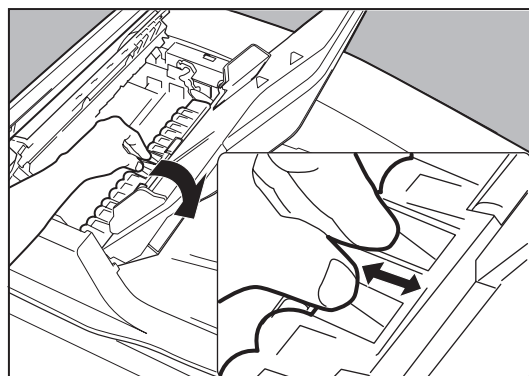
- 2 Open the Inner Cover while holding the green-labeled tab.



- 3 Lift up the ADF Tray.

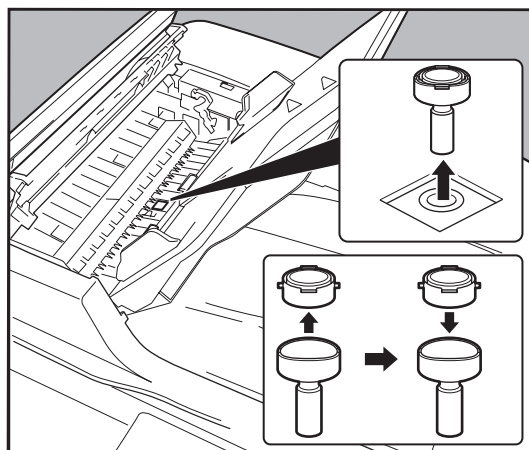


- 4 Open the Exit Guide while holding the green-labeled tab.

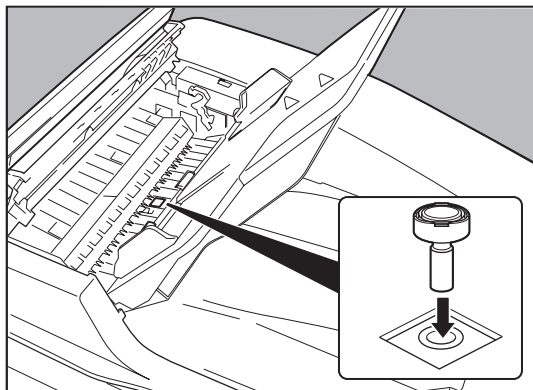


- 5 Remove by pulling the Stamp Assembly upward.

- 6 Remove the Stamp. Replace the stamp with a new one, or refill the stamp with a few drops of the specified ink onto the back of the stamp.



7 Reinstall the Stamp Assembly.



Specifications

Email / Internet Fax

Standard Compliance:	10 Base-T Ethernet (IEEE 802.3), 100 Base-TX Fast Ethernet (IEEE 802.3u), 1000 Base-T Gigabit Ethernet (IEEE 802.3ab)
Connector Interfaces:	10/100/1000 Base-TX port: RJ-45
Compatibility:	IETF RFC3965, ITU-T T.37
Communication Protocol:	TCP/IP, SMTP, POP3, MIME
File Format:	TIFF [IETF RFC3949 Profile S, F, J] PDF (Transmission only)
Email Receiving Width:	Max. A3 / 11" x 17" (Ledger)

G3 Facsimile (Option)

Compatibility:	ITU-T Group 3
Coding Scheme:	JBIG, MH, MR, MMR (Conforms to ITU-T Recommendations)
Modem Type:	ITU-T V.34, V.17, V.29, and V.27 ter
Modem Speed:	33600-2400 bps
Document Size:	A5 - A3 / 5.5" x 8.5" - 11" x 17" Max : Platen Glass : A3 / 11" x 17" ADF : A3 / 11" x 17" (Ledger) Min : Platen Glass : No Minimum ADF : A5 / 5.5" x 8.5" (Invoice)
Scanning Method:	Sheet Feeding with CCD type image sensor
Effective Scanning Width:	274 mm (10.8")
Scanner Resolution:	Horizontal : 8 pels/mm (203 pels/inch) : Standard and Fine Resolution : 16 pels/mm (406 pels/inch) : 400 dpi as Super Fine Resolution : 600 dpi : 600 dpi as Super Fine Resolution Vertical: : 3.85 lines/mm (98 lines/inch) : Standard Resolution : 7.7 lines/mm (196 lines/inch) : Fine Resolution : 15.4 lines/mm (391 lines/inch) : 400 dpi as Super Fine Resolution : 600 dpi : 600 dpi as Super Fine Resolution
Address Book Memory Capacity:	1000 stations NOTE • Each station can register up to 36 digits for each telephone number (including pauses and spaces) and up to 15 characters for each station name.
Image Memory Capacity:	Standard : 3 MB
FCC Registration Number:	US : ACJFA02BDP-C322
Ringer Equivalence:	0.2 B

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Glossary

DHCP	<i>Dynamic Host Configuration Protocol</i> - a standard method for assigning IP addresses automatically to the devices on a TCP/IP network. As a new device connects, the DHCP server assigns an IP address from a list of available addresses. The device retains this IP address for the duration of the session - once the device disconnects the IP address becomes available for use again.
Fax Communication Board	In a multi-functional device, this is a Fax capability built onto a printed circuit board which can send and receive facsimiles. The multi-functional device is normally able to scan a document and transmit it over a phone line to another fax machine. Also, it can receive faxes from other machines and print them out.
G3 (Group 3)	Refers to the standards and transmission capabilities of the current generation of facsimile machines.
Internet FAX	The Internet fax uses the Internet to send faxes. The transmission and reception take place via store-and-forward mode on the Internet using Internet email. In store-and-forward mode the facsimile protocol stops at the gateway to the Internet and is reestablished at the gateway leaving the Internet.
LAN (Local Area Network)	A <i>Local Area Network</i> is a computer network system and printer limited to an immediate area, such as an Office, Factory, and University used to integrate and exchange data.
Modem	A device that converts signals from your fax machine into signals that can be transmitted over telephone lines.
Protocol	A standard process, a set of rules and conditions that perform a particular function. A word which is very common in PC and Internet Terminology. Ex: FTP (File Transmission Protocol), IP Address (Internet Protocol Address), TCP/IP (Transmission Control Protocol/Internet Protocol), POP (Post Office Protocol)
SMTP (Simple Mail Transfer Protocol)	An accepted standard used extensively on the Internet for transferring E-mail messages between computers. The standard defines exactly how the message will be sent, any controls, format of the message etc.
TCP/IP	TCP/IP stands for <i>Transmission Control Protocol/Internet Protocol</i> and is quite simply a standard set of protocols that govern the basic workings of the Internet that was implemented in 1982. The TCP part is all about ensuring that data is transmitted correctly between 2 computers. If any errors occur these are detected and the data is retransmitted. The data transmitted is split up into small portions called Data packets. The IP part of TCP/IP is how these data packets are moved from one point to another. Each computer on the Internet has a unique IP address and the data packets are moved from the source to the destination through many different computers and this is controlled via TCP/IP. This protocol is used on the Internet and also by computers which are part of a LAN.

Index

Numerics

2-Sided Original 40

A

Add Document 174
Add Email Address 145, 180
Add Telephone Number 156, 177
Address Book 10, 176
Address Book List 204
ADF 14
Advanced Comm. 12
Automatic Reception 88

B

Basic Menu 11
Batch Transmission 52
Bcc 124, 125
Binding Position 41

C

Cc 124, 125
Change Time/Stn 170
Comm. Journal 85
Comm. Status 50
Communication Journal 84, 201
Communication Reservation File 168
Communication Status 50
Completion Notice 135
Confidential Communication 68
Confidential Document 72, 74
Confidential Polling 70
Confidential Reception Report 72
Confidential Transmission 69
Cover Sheet 87

D

Deferred Polling 62
Deferred Transmission 60
Delete File 74, 172
Delete Program/GRP 193
Delete Station 184
Delivery Notice 132
Density 34
Destinations: ### 29, 127
DHCP 166
Dial Prefix 58, 59
Direct 48
Direct Internet Fax Transmission 108
Direct SMTP 108
Direct Transmission 48, 57
Duplex Recording 91

E

Edit File Mode 13
Email 10, 114, 136
Email Address 116, 180

F

Failure Report 134
Favorites 22, 118
Fax Forwarding 95
Fax Key 18
Fax Parameter List 208
Fax Parameters 59
Fax Relay Log Email 165
Fax Transmission 18
Fax/Email Settings 59
File List 168
File Type and Name 128
From 124, 126
Function Key 59

G

Get Email 137
Global 25
Group Dial 189

I

Inbound Routing 105, 142
Incomplete Document 175
IND. XMT Journal 210
Information Codes 215
Internet Fax 102, 104, 110, 112

J

Job Build and SADf 46
Journal 197
Junk Fax Filter 97

K

Key Name 22, 118
Key Operator Mode 59
Keypad 19

L

Lan Relay XMT 158
LDAP Search 25, 121
Ledger Email XMT 131
Ledger-Sized Document 130
Local Search 24, 120

M

Mailbox 68
Manual Dialing 20, 79
Manual POP RCV 195
Manual Reception 89
MDN 107, 132
Memory 45
Memory Reception 98
Memory Transmission 44, 56
Modify Group Dial 191
Modify Station 183
Monitor 32

More Menus	12
Multi Station	28

N

Network Parameters	112
Non-Standard Size Originals	15
Number Pad	10, 21

O

Onscreen Keyboard	116
Original Quality	34
Original Size	38
Original Type	34

P

Password Communication	80
Password XMT	81
Password-Protected Transmission	82
Password-Reception	96
Password-Transmit	82
PIN Code Access	53
Platen Glass	14
Polled	66, 71
Polling	62, 64
Print Address Book List	185
Print File	73, 173
Print Out	13
Print Program List	194
Print Reduction	90
Program Dial	187
Program Key	54, 186
Program List	206
Program/Group	54

Q

Quality Adj.	35
Quick Memory Transmission	44

R

Receive to Memory	98, 99
Redial	27
Relay Feature	148
Relay Stations	154
Relayed Transmission	158, 160, 164
Resolution	34
Retry Incomp. File	175
Rotated Transmission	51

S

Scanning Area	15
Search	10, 24, 25, 120, 121
Select Mode	12
Selective Reception	94
SMTP Authentication	166
Start Key	19
Sub Address Transmit	77
Sub-Addressing	76
Subject	127
Substitute Memory Reception	92

T

TIFF Converter	162
TIFF Converter Mail Linking Program	162
Transaction Journal	197
Transmit	60, 69

V

Verification Stamp	42, 222
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