# Panasonic®

Digital Copier

Operating Instructions (For Internet Fax)

DP-2500/3000

Options
DA-AR250/AS200/DS200/DS205/DS210/DS215/FG230/FG231/FK200/FK210/FS200/MD200
DA-NE200/PC200/PC210/SM08B/SM16B/SM28B/UC200/XN200/XT200; UE-410047/410048/403171
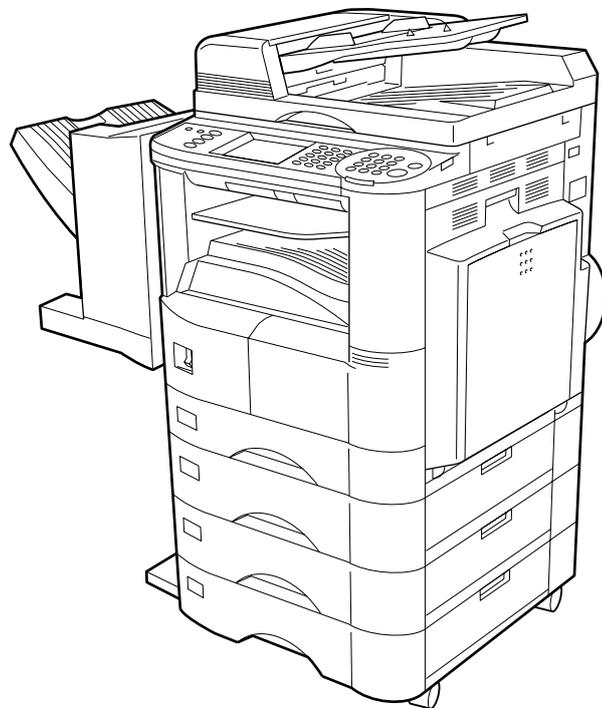
Before operating this equipment, please read these instructions completely and keep these operating instructions for future reference.

English

GETTING TO KNOW YOUR MACHINE

INSTALLING YOUR MACHINE

PROGRAMMING YOUR MACHINE

BASIC OPERATIONS

ADVANCED FEATURES

NETWORK FEATURES

PRINTOUT JOURNALS AND LISTS

PROBLEM SOLVING

APPENDIX

IMPORTANT INFORMATION

When requesting information, supplies or service, always refer to the model and serial number of your machine. The model and serial number plate (Main Name Plate) is located on the machine as shown below. For your convenience, space is provided below to record information you may need in the future for reference or troubleshooting.

Model No. _____ Serial _____

Date of Purchase _____

Dealer _____

Address _____

Telephone Number _____( )_____– _____

Supplies Telephone Number _____( )_____– _____

Service Telephone Number _____( )_____– _____

For the total system to work properly via LAN, certain information and additional parameters must be set. Please contact your network administrator for the required information and connection to the LAN.

User Information		
Company Name:		
Address:		
Dept.:		
City:	State:	Zip Code:
Tel. No.:	Fax No.:	

Internet Parameters (See page 27)		
IP Address:		
Subnet Mask:		
SMTP Server Name:	or	SMTP Server IP Address:
Default Router IP Address:		
Email Address:		
DNS Server IP Address:		
POP Server Name:	or	POP Server IP Address:
POP User Name:		
POP Password: *(for security, do not write it in - but keep it in a safe place)*		
Host Name:		
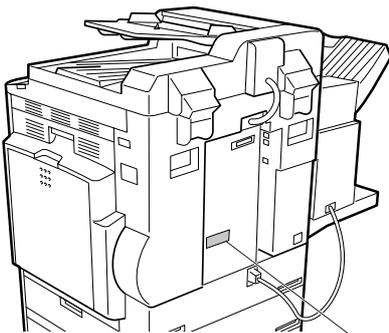
Model and Serial Number

Table of Contents

Getting to Know Your Machine

Installing Your Machine

Programming Your Machine

3

Table of Contents

4

Printout Journals and Lists

Problem Solving

Appendix

Safety Information

⚠ **WARNING** denotes a potential hazard that could result in serious injury or death.

- TO PREVENT FIRE OR SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

- TO MINIMIZE THE POSSIBILITY OF SHOCK OR DAMAGE TO THE MACHINE, IT MUST BE PROPERLY GROUNDED.

- THIS PRODUCT COMPLIES WITH FDA RADIATION PERFORMANCE STANDARDS, 21 CFR SUB-CHAPTER J. CAUTION: USE OF CONTROLS, ADJUSTMENTS OR PERFORMANCE PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

- WHEN YOU OPERATE THIS EQUIPMENT, THE SOCKET-OUTLET SHOULD BE NEAR THE EQUIPMENT AND BE EASILY ACCESSIBLE.

- MAKE SURE THAT THE MACHINE IS INSTALLED IN A SPACIOUS OR WELL VENTILATED ROOM SO AS NOT TO INCREASE THE AMOUNT OF OZONE IN THE AIR. SINCE OZONE IS HEAVIER THAN AIR, IT IS RECOMMENDED THAT AIR AT FLOOR LEVEL BE VENTILATED.
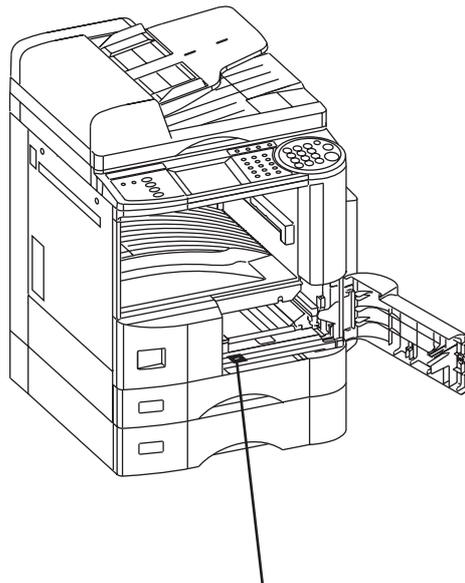
DANGER-Invisible and hazardous laser radiation when open and interlocks defeated. AVOID DIRECT EXPOSURE TO BEAM.

ATTENTION-Rayonnement laser invisible dangereux en cas d'ouverture et lorsque la sécurité est neutralisée. EXPOSITION DANGEREUSE AU FAISCEAU.

VORSICHT-Unsichtbare Laserstrahlung. wenn Abdeckung geöffnet und Sicherheitsverriegelung überbrückt. NICHT DEM STRAHL AUSSETZEN.

FBE8998A

Safety Information

⚠ **CAUTION** denotes hazards that could result in minor injury or damage to the machine.

- THIS PRODUCT CONTAINS A LITHIUM BATTERY. DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED.
REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS OF YOUR LOCAL SOLID WASTE OFFICIALS.

- TO REDUCE THE RISK OF SHOCK OR FIRE, USE ONLY NO. 26 AWG OR LARGER TELEPHONE LINE CABLE.

- DISCONNECT ALL POWER TO THE MACHINE BEFORE COVER(S) ARE REMOVED. REPLACE THE COVER(S) BEFORE THE UNIT IS RE-ENERGIZED.

⚠ IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- DO NOT USE THIS PRODUCT NEAR WATER, FOR EXAMPLE, NEAR A BATH TUB, WASH BOWL, KITCHEN SINK OR LAUNDRY TUB, IN A WET BASEMENT OR NEAR A SWIMMING POOL.

- AVOID USING A TELEPHONE (OTHER THAN A CORDLESS TYPE) DURING AN ELECTRICAL STORM. THERE MAY BE A REMOTE RISK OF ELECTRIC SHOCK FROM LIGHTNING.

- DO NOT USE THE TELEPHONE TO REPORT A GAS LEAK IN THE VICINITY OF THE LEAK.

- USE ONLY THE POWER CORD AND BATTERIES INDICATED IN THIS MANUAL. DO NOT DISPOSE OF BATTERIES IN A FIRE, THEY MAY EXPLODE. CHECK WITH LOCAL CODES FOR POSSIBLE SPECIAL DISPOSAL INSTRUCTIONS.

Safety Information

⚠ **CAUTION** denotes hazards that could result in minor injury or damage to the machine.
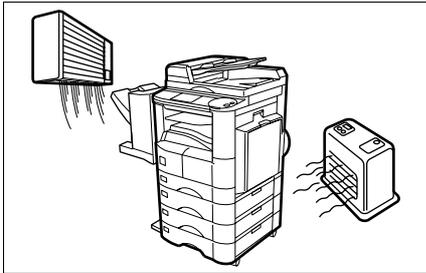
Do not install the machine near heating or an air conditioning unit.
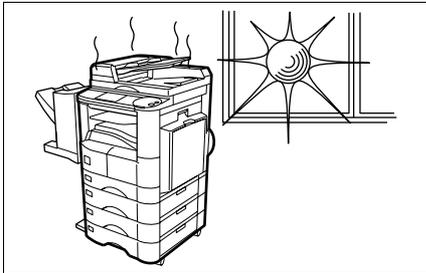
Avoid exposure to direct sunlight.
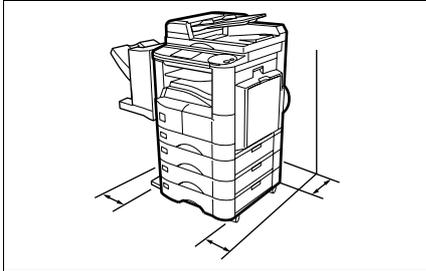
Install the machine on a flat surface, leave at least 4 inches (10 cm) of space between the machine and other objects.
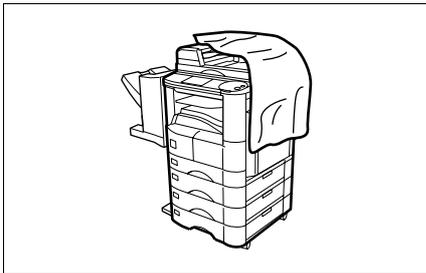
Do not block the ventilation openings.

Do not place heavy objects or spill liquids on the machine.

8

Function Key

Any function can be started by first pressing FUNCTION and then select the desired function on the display.

```
       SELECT A FUNCTION

   DEFERRED COMM.        POLLING

   ADVANCED COMM.      SELECT MODE

   EDIT FILE MODE       PRINT OUT

     SET MODE        EDIT PHONE BOOK
```

FUNCTION
⌧

Deferred Communication

01 = XMT
02 = Polling
03 = Advanced Communication

Advanced Communication

02 = Mailbox
04 = Sub-Address XMT
05 = LAN Relay XMT

Edit File Mode

01 = File List (Print/View)
02 = Change Time/Station
03 = Delete File
04 = Print File
05 = Add Document
06 = Retry Incomplete File

Set Mode

01 = User Parameters
   • Date & Time
   • Logo
   • Character ID
   • ID Number (Fax Telephone Number)
   • Time Zone
   • (Internet Parameters)
02 = Phone Book
03 = Program Keys
04 = Fax Parameters
05 = Department Set

FUNCTION
⌧

Polling

01 = Polling
02 = Polled

Select Mode

01 = Stamp
02 = Communication Journal = OFF/ON/INC
03 = Duplex Scan
04 = Cover Sheet = OFF/ON
05 = Password-XMT = OFF/ON
06 = RCV to Memory = OFF/ON/PRINT
07 = LEDGER EMAIL XMT
     (A3/LEDGER → B4 Reduction)

Print Out

01 = Journal (Print/View)
02 = Phone Book List
03 = Program List
04 = Fax Parameter List
05 = Individual XMT Journal

Edit Phone Book

01 = Add Telephone
02 = Add EMail Address
03 = Modify Station
04 = Delete Station

9

INTERNET

ORIGINAL
SIZE

• Used to select the
INTERNET mode.

• Used to select the
original size manually.

Panasonic DP-3000

SORT

MULTI-SIZE
FEED

COPY

● ADD TONER

LCD
CONTRAST

FAX

● ON LINE

INTERNET

PRINTER

● ON LINE
● DATA

ON LINE Indicator
• Blinks: When sending or
receiving faxes.

Touch Panel Display

10

Control Panel

ENERGY SAVER

• Used to switch the machine into energy saving mode.
For more details, see page 33 of the Operating Instructions (For Copier.)

FUNCTION

• Used to start or select the function and sub-functions. These functions are explained in detail on page 9.

RESET

• Use this button when resetting all the previously set functions.

CLEAR

• Use this button when correcting entered numbers or characters.

ENERGY SAVER INTERRUPT FUNCTION RESET

ORIGINAL SIZE   COPY SIZE
LEDGER
LEGAL
LETTER
LETTER
INVOICE

REDIAL/PAUSE
FLASH/SUB-ADDR
LINE SELECT
MONITOR
SET
MON. VOL.

CLEAR

STOP

1 2 ABC 3 DEF
4 GHI 5 JKL 6 MNO
7 PQRS 8 TUV 9 WXYZ
* 0 #
TONE

STOP
START

ALARM   ACTIVE
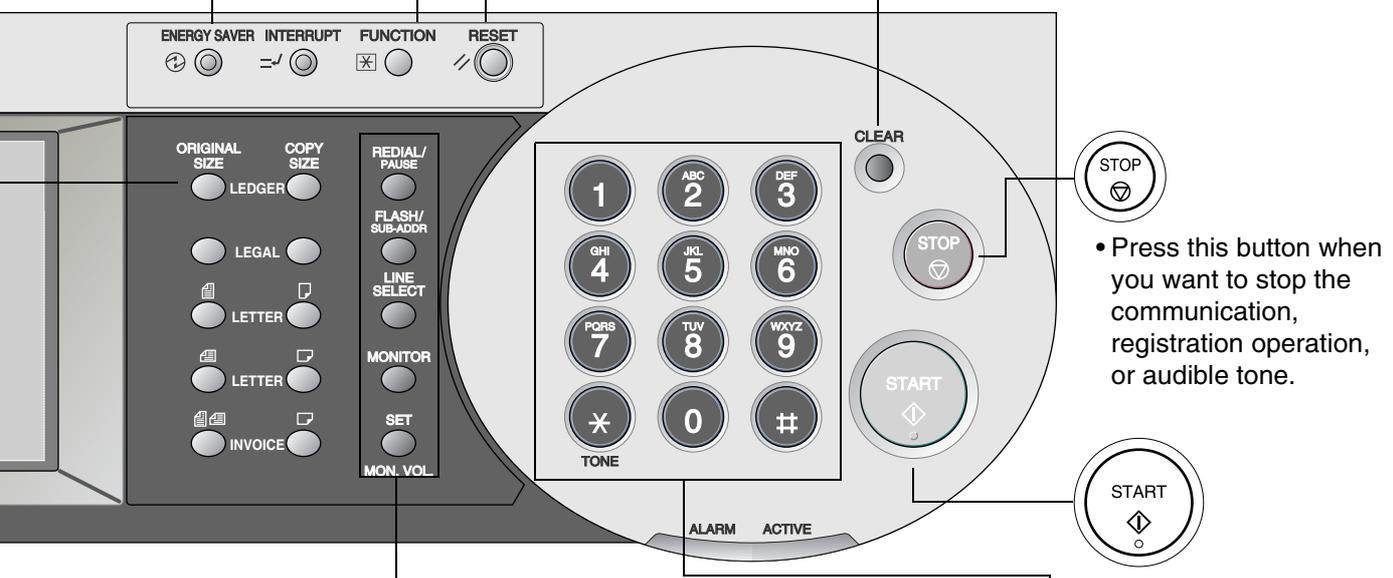
STOP

• Press this button when you want to stop the communication, registration operation, or audible tone.
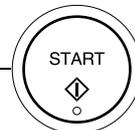
START

• Press this button to start fax transmission or Internet communication and manual fax reception.

REDIAL/PAUSE

• Used to enter a pause when recording or dialing a telephone number, or to redial the last dialed number.

FLASH/SUB-ADDR

• Used to separate the Sub-Address from the telephone number when dialing, or to access some features of your PBX.

SET
MON. VOL.

• Used to set operations.
• Used for adjusting the monitor volume.

Keypad
• Used for manual number dialing, recording phone numbers, and numerical entries.

11

Pre Installation Information

Before setting up the DP-2500/3000 on your network, please read this entire section to be familiar with its functions.

The DP-2500/3000 is able to perform the following when connected to a 10Base-T/100Base-TX Ethernet LAN (local area network):

- • Send paper-based information as an Internet Email.
- • Receive and print an Internet Email automatically.
- • Forward received G3 fax message or Email automatically to the preprogramed Email address or regular G3 fax machine (see "Fax Forward" on pages 94 to 95).
- • Route received G3 fax message automatically to the sender-specified Email address or G3 fax machine using ITU-T SUB-Address (see "Inbound Routing" on pages 90 to 93).
- • Route received G3 fax messages automatically to the preprogramed Email address or G3 fax machine using the sender's fax ID code (see "Inbound Routing" on pages 90 to 93).
- • Relay an Internet Email to a G3 fax machine via regular fax transmission (see "Relay Transmission" on pages 101 to 115).
- • Network scanning and printing.

To utilize the above functions, the DP-2500/3000 needs to be set up properly on your network. ***Please contact your network administrator for actual network setup.***

Copy the Pre-installation Information form found at the end of this section on page 15, record the MAC Address on the form and ask your network administrator to complete the remaining information on the form. The MAC Address of your DP-2500/3000 can be found on the 2nd page of the Fax Parameter List printout (press FUNCTION   PRINT OUT   04 FAX PARAMETER LIST).

The DP-2500/3000 can be set up as either **SMTP mail server** or **POP3 client**. Dependent on the type of setup, different functions are available as follows.

Function	SMTP Server Setup	POP3 Client Setup
Sending paper-based information as an Internet Email	Yes	Yes
Receive and print an Internet Email automatically	Yes	Yes
Receive and print an Internet Email manually	No	Yes
Forward received G3 fax message or Email automatically	Yes	Yes
Route received G3 fax message automatically	Yes	Yes
Relay an Internet Email to G3 fax machine	Yes	No

(**NOTE**)

1. *To function as SMTP mail server, the DP-2500/3000's email address must include its unique Host name within your company domain. This unique Host name must be registered within your network's DNS (Domain Name System) server. Example: DP-3000@fax01.panasonic.com*
2. *Automatically refers to immediate SMTP transfer or immediate POP3 retrieval. Manually refers to manual retrieval of mail when configured as POP3 client.*
3. *The DP-2500/3000 will receive, print, forward or relay emails in text message format and TIFF-F image file attachment only.*
4. *Dynamic Host Configuration Protocol (DHCP) is not supported.*

Pre Installation Information

Setup as SMTP mail server

To install the DP-2500/3000 as SMTP mail server, the following network parameters need to be programmed on your network and on the DP-2500/3000.

- IP Address of the DNS Server (if not available, see Note 2)
- IP Address of the DP-2500/3000
- Subnet Mask of the DP-2500/3000
- Name or IP Address of the Default SMTP mail server
- IP Address of the Default Router
- Email Address of the DP-2500/3000 (see Note 1)
- Host Name

Email Transmission (from the DP-2500/3000 to a PC)
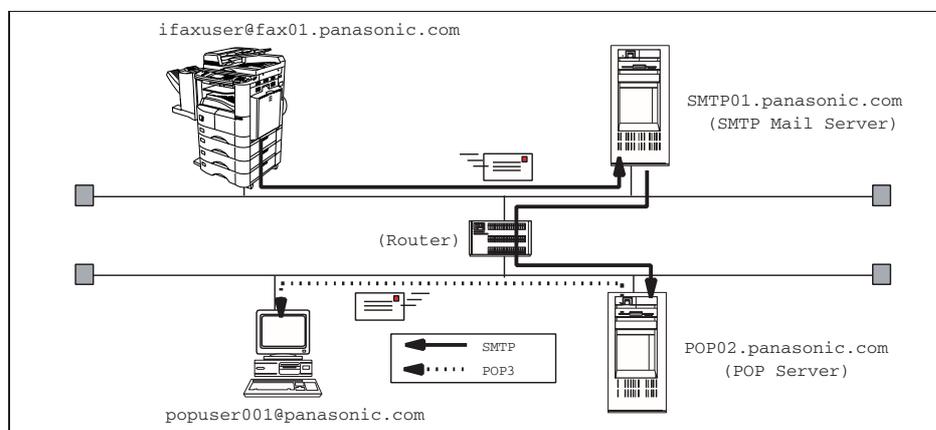
Email reception (from a PC to the DP-2500/3000)
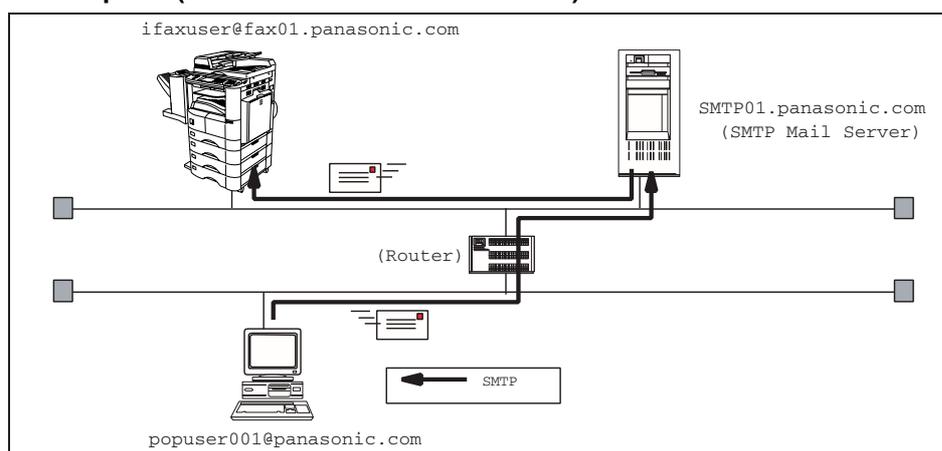
NOTE

1. To function as SMTP mail server, the DP-2500/3000's email address must include its unique Host name within your company domain. This unique Host name must be registered within your network's DNS (Domain Name System) server. Example: DP-3000@fax01.panasonic.com

2. By default the machine requires the IP Address of the DNS Server and prompts you to enter the SMTP Server Name. If the DNS Server is not available, change the Fax Parameter No. 161 (DNS SERVER) to "1:Invalid". Then the machine will prompt you to enter the IP Address of the SMTP Server.

3. Dynamic Host Configuration Protocol (DHCP) is not supported.

Setup as POP3 Client

To install the DP-2500/3000 as POP3 Client, the following network parameters need to be programmed on your network.

- IP Address of the DNS Server (if not available, see Note 2)
- IP Address of the DP-2500/3000
- Subnet Mask of the DP-2500/3000
- Name or IP Address of the Default SMTP mail server
- IP Address of the Default Router
- POP Server Name or IP Address
- POP User Account Name
- POP Password
- Email Address of the DP-2500/3000 (see Note 1)

Email transmission (from the DP-2500/3000 to a PC)
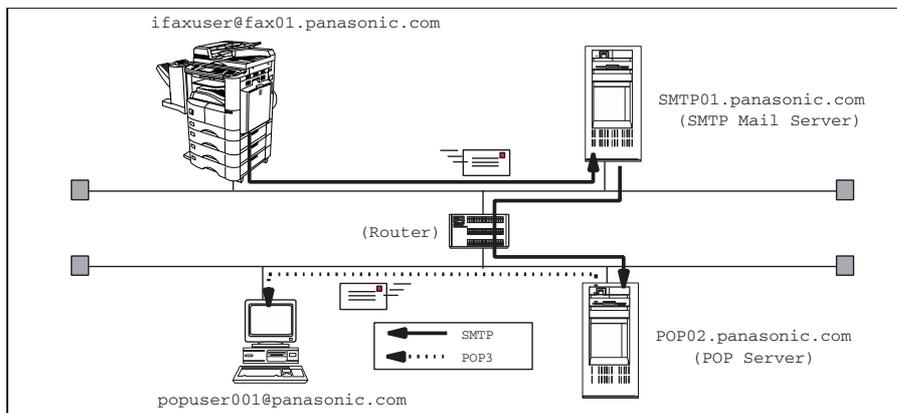
Email reception (from a PC to the DP-2500/3000)
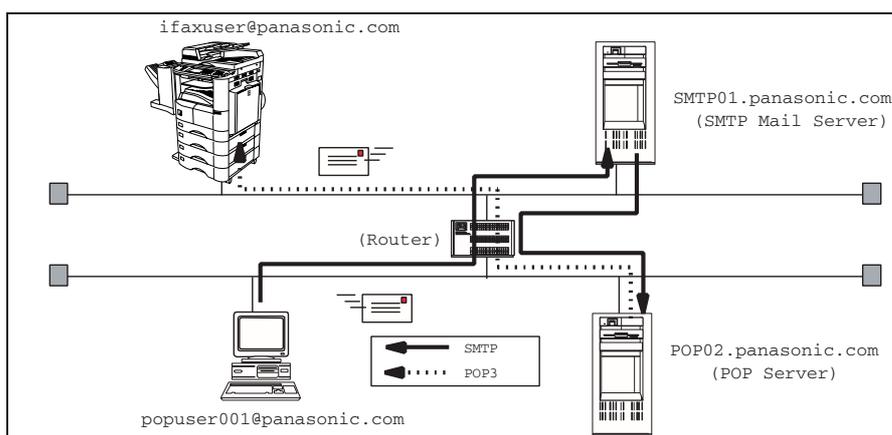
NOTE

1. The email address format can be the same as your regular email address. If your email address is popuser001@panasonic.com, the DP-2500/3000's email address can be DP-3000@fax01.panasonic.com.
2. By default the machine requires the IP Address of the DNS Server and prompts you to enter the SMTP and POP Server Names. If the DNS Server is not available, change the Fax Parameter No. 161 (DNS SERVER) to "1:Invalid". Then the machine will prompt you to enter the IP Address of the SMTP and POP Servers.

Pre Installation Information

For the total system to work properly via LAN, certain information and additional parameters must be set. Please contact your network administrator for the required information and connection to the LAN.

Important: Make a copy of this page and ask the Network Administrator to complete the required information. After its returned, transfer the information to the back side of the front cover for future reference and troubleshooting.

User Information		
Company Name		
Address		
Dept.		
City	State	Zip Code
Tel. No.	Fax No.	

Internet Parameters (See page 27)		
(1) **IP Address:**		
(2) **Subnet Mask:**		
(3) ***SMTP Server Name:**	or	***SMTP Server IP Address:**
(4) **Default Router IP Address:**		
(5) **Email Address:**		
(6) **DNS Server IP Address:**		
(7) **POP Server Name:**	or	***POP Server IP Address:**
(8) **POP User Name:**		
(9) **POP Password:**		
(10) **Host Name:**		
(11) Default Subject:		
(12) Default Domain:		
(13) Selectable Domains:		
1.	6.	
2.	7.	
3.	8.	
4.	9.	
5.	10.	
(14) Remote Password:		
(15) Manager's Email Address:		
(16) Relay XMT Password:		
(17) Relay Domains (Domains Authorized for Relay Transmission):		
1.	6.	
2.	7.	
3.	8.	
4.	9.	
5.	10.	

NOTE

1. *Items in Bold, depict information obtained from you Network Administrator.*

2. *By default the machine requires the IP Address of the DNS Server and prompts you to enter the SMTP and POP Server Names (items 3 and 7 above). If the DNS Server is not available, change the Fax Parameter No. 161 (DNS SERVER) to "1:Invalid". Then the machine will prompt you to enter the IP Address of the SMTP and POP Servers.*

3. *If required, the MAC Address of the DP-2500/3000 can be obtained from the 2nd page of the Fax Parameter List printout, by pressing* FUNCTION PRINT OUT 04 FAX PARAMETER LIST .

4. *Dynamic Host Configuration Protocol (DHCP) is not supported.*

Continued on the next page...

Pre Installation Information

Explanation of Contents

	MAC Address	: *MAC Address from the 2nd page of the Fax Parameter List printout (press* FUNCTION PRINT OUT 04 FAX PARAMETER LIST *).*
(1)	IP Address	: The Internet Protocol (IP) address assigned to your machine.
(2)	Subnet Mask	: The Subnet Mask number.
(3)	SMTP Server Name or SMTP Server IP Address	: The SMTP Server Name (up to 60 characters). The SMTP Server IP Address.
(4)	Default Router IP Address	: The Default Router's IP Address.
(5)	Email Address	: The email address assigned to your machine. (Up to 60 characters)
(6)	DNS Server IP Address	: The IP address of the DNS Server.
(7)	POP Server Name or POP Server IP Address	: The POP Server Name (up to 60 characters). The POP Server IP Address.
(8)	POP User Name	: POP User Name. (Up to 40 characters)
(9)	POP Password	: POP Password. (Up to 10 characters)
(10)	Host Name	: The name assigned to your DP-2500/3000. (Up to 60 characters)
(11)	Default Subject	: The information to be added to the Subject Line for all outgoing emails. (Up to 40 characters)
(12)	Default Domain	: Specify the Domain Name (up to 50 characters) to be added to frequently used or incomplete outgoing email addresses (i.e. @yourcompany.com).
(13)	Selectable Domains	: Enter up to 10 Domain Names that can be selected during manual email addressing by pressing the Domain Key @ ... . (Up to 30 characters)
(14)	Remote Password	: Enter a security password (up to 10 characters) to allow Remote Programming of the Internet Parameters and Auto Dialer or the retrieval of the Journal via email.
(15)	Manager's Email Address	: Enter you Department Manager's email address for notification of all Internet relayed transmissions for supervision and cost control purposes. (Up to 60 characters)
(16)	Relay XMT Password	: Enter a password to provide network security to your Relay Station (for G3 relay purposes). (Up to 10 characters)
(17)	Relay Domain (01 to 10)	: Enter up to 10 Domain Names that are authorized to access your Internet Fax for Relayed Transmission Request. (Up to 30 characters) Relay Domain, a.k.a. Domain Name in the DX-1000/2000.

NOTE

1. All IP Addresses consist of 4 parts separated by dots (i.e. 165.113.245.2).

Internet Communication Features

Internet Fax Transmission

The DP-2500/3000 allows you to transmit documents over the Internet to another Internet Fax or a PC. The document is first scanned and converted into a TIFF-F formatted image file, and then transmitted to the remote location as an attachment file to an email using MIME encoding.

The email system at the receiving end must support MIME. Otherwise, the attachment file will be detached and lost.

When you send an email message to someone, the DP-2500/3000 uses Simple Mail Transfer Protocol (SMTP) to transfer your outgoing mail to your SMTP mail server, which in turn uses SMTP to send your mail to the Internet.

Internet Mail Reception

The DP-2500/3000 allows you to receive and print a PC transmitted email automatically or manually, depending on its setup configuration. However, if the received email includes file attachment in a format other than TIFF-F, such as Word, Excel, Power Point, the DP-2500/3000 prints an error message instead.
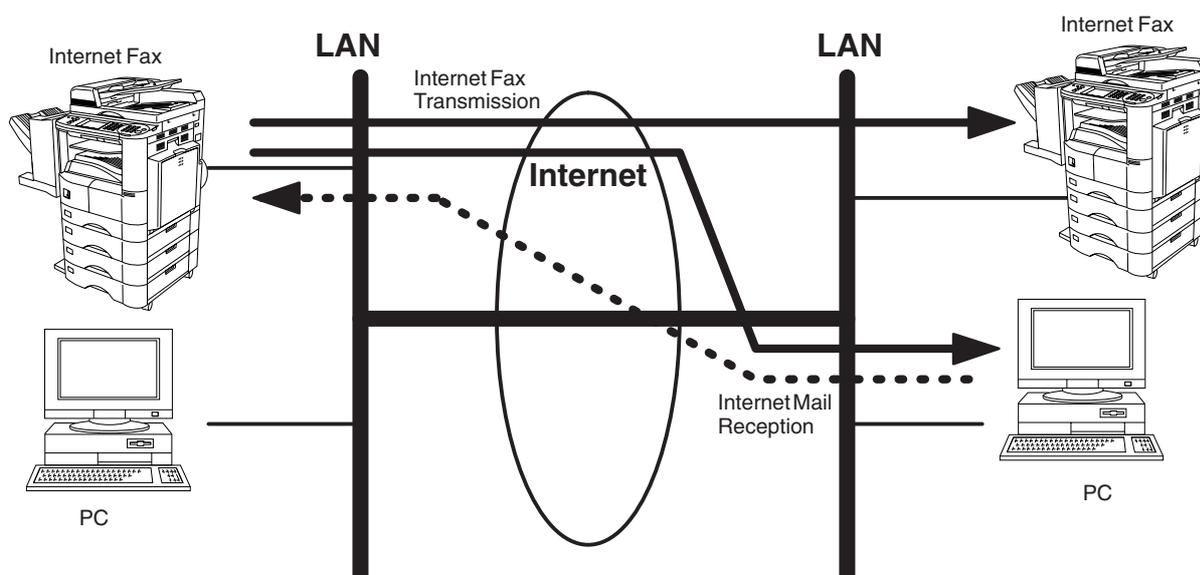
Inbound Routing

Using the Inbound Routing feature, the DP-2500/3000 can route documents received from a G3 fax machine to email address(s) or to Internet Fax machine(s) connected to a LAN as an email, as well as to other G3 fax machine(s) over the telephone line.

When an incoming Internet Fax, email or a regular fax document is received, the DP-2500/3000, checks for the following:

1. First, the DP-2500/3000 checks whether a sub-address is included. If it is, it will look for a sub-address match within its auto dialer and will route the documents to the corresponding stations email address(s) and/or telephone number(s).

2. If no sub-address is specified, then the DP-2500/3000 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(s) and/or telephone number(s).

Internet Fax

LAN

Email

Internet Fax

Fax Reception

G3 Fax

Transfer to
a G3 Fax

PC

G3 Fax
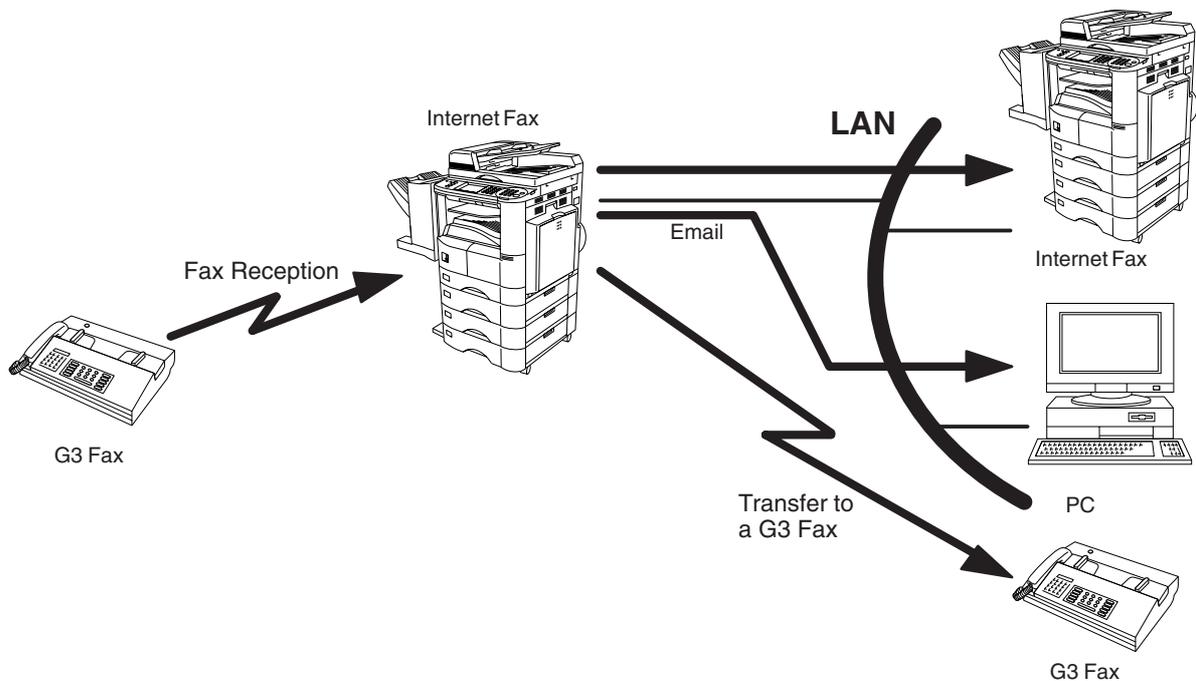
NOTE

> 1. *If the originating fax machine does not support the above sub-address function, sub-address destination(s) cannot be selected.*
> 2. *The DP-2500/3000 will allow you to register the same sub-address number for an email address and a telephone number.*

Internet Communication Features

Fax Forward

The DP-2500/3000 is capable of transferring all received Internet email or regular G3 fax documents to a pre-programmed G3 fax or a PC destination.
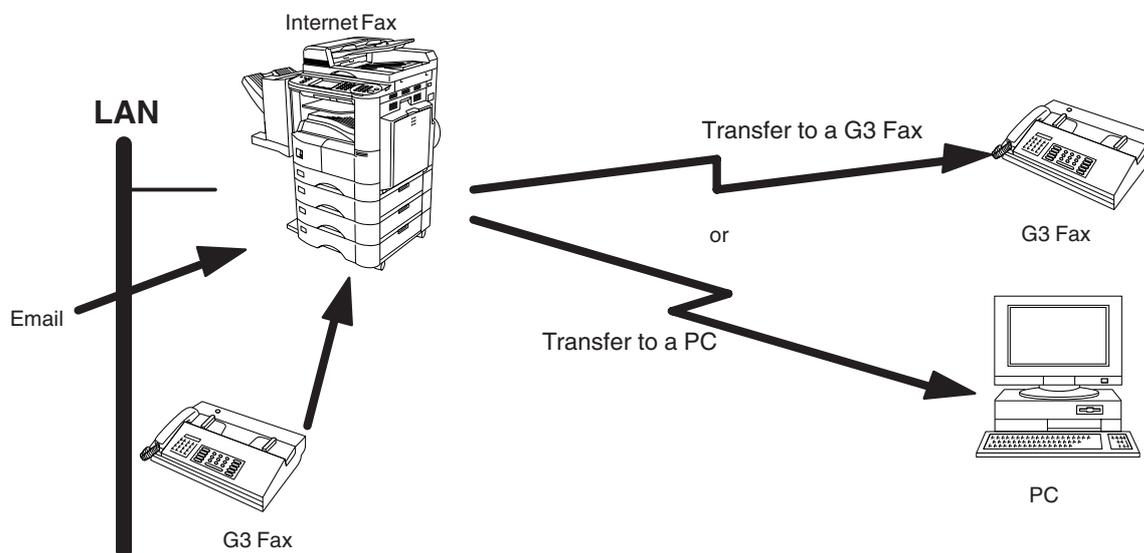
Network Scanner

The DP-2500/3000 can be utilized as a network scanner by simply transmitting an image to a PC as TIFF-F attachment to an email.
This feature was enhanced with an addition of a new Fax Parameter No. 164 (IFAX XMT HEADER), giving you a selection of whether to include the header when sending a document to an addressee in the same Domain as specified in the Default Domain parameter. (See Note 1)
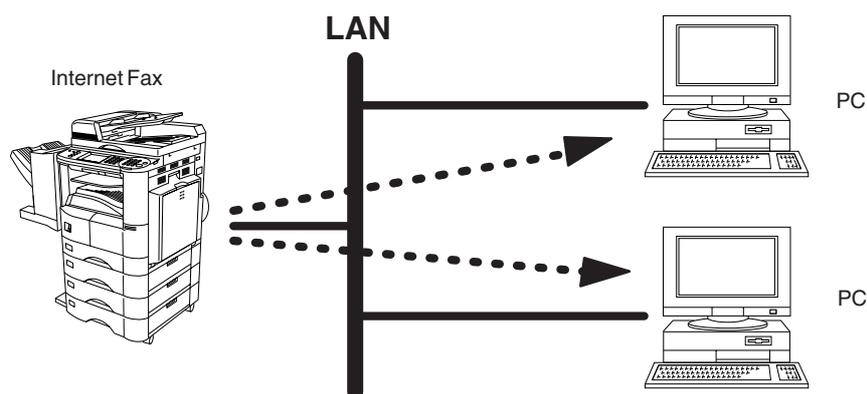
NOTE

1. When sending to a Domain other than as specified in the Default Domain parameter, the header will be included regardless of the selection.

19

Network Printer

The DP-2500/3000 can be utilized as a network printer by simply sending the documents created on your PC using various software applications to the DP-2500/3000 via TCP/IP protocol.

There are two parts to setting up the DP-2500/3000 as a network printer. Part 1 requires you to download the software (printer driver and LPR) from the web site listed below.

The second part requires you to install and configure the software on your PC to work with the DP-2500/3000. (See the web site for details about the printer driver installation and operation.)

You can download the Panasonic's printer driver and LPR monitor from any of the following URL addresses:

http://www.panasonic.co.jp/mgcs/internetfax/

http://www.panasonic.com/internetfax

LAN

Internet Fax

Print

PC
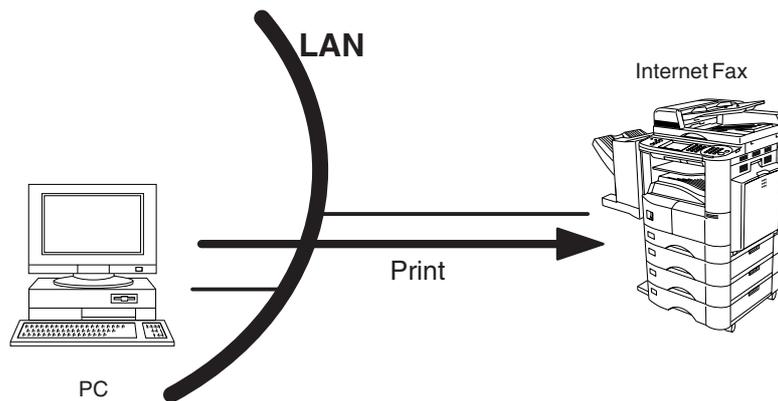
NOTE

1. The IP Address, Subnet Mask and Default Router IP Address (TCP/IP Gateway Address) must be programmed on the DP-2500/3000 to be used as a Network Printer.

Internet Communication Features

Relayed Transmission

The DP-2500/3000 allows you to transmit an email received from an Internet Fax or PC connected to the LAN to multiple fax machines via a telephone line. You can attach files with the TIFF-F format to this email.

Using the Sub-address specified by the originating fax machine, the DP-2500/3000 can then route the received documents to the remote DP-2500/3000 via an email, which can then relay these documents to final destinations where the final recipient is a regular G3 fax machine.

The DP-2500/3000 also allows you to convert a data file from various application programs such as spreadsheet into a TIFF-F format file and then transmit this file attached to an email.

To convert applications into a TIFF-F formatted file, however, requires you to first download the software (printer driver) from the web site listed below. The second part requires you to install the software on your PC. (See the web site for details about the printer driver installation and operation.)

You can download the Panasonic's printer driver from any of the following URL addresses:

http://www.panasonic.co.jp/mgcs/internetfax/

http://www.panasonic.com/internetfax
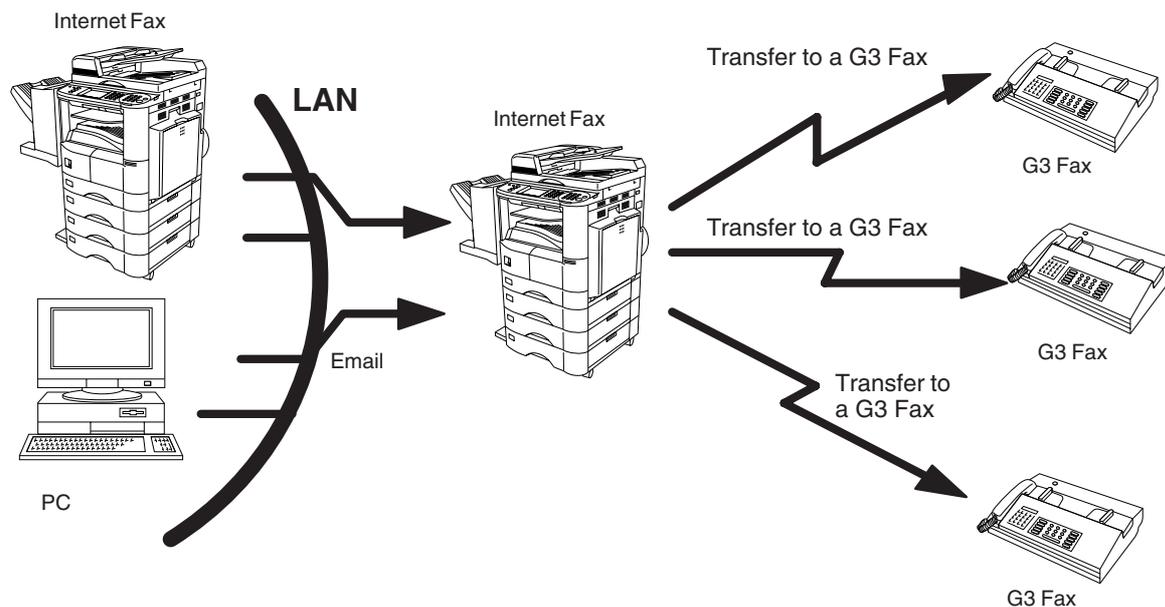
Important Information

The DP-2500/3000 uses the same communication protocols as email: the Simple Mail Transfer Protocol (SMTP). The differences from a standard G3 fax communication using the Public Telephone Network (PSTN) are as follows.

Differences between Internet Fax and Regular Fax

A regular Fax machine goes off-hook, dials, and the phone network completes a circuit over phone lines to the receiving fax. You pay for the circuit. The two faxes negotiate a connection, synchronize and exchange image data.

The Internet Fax works like an email, the image data is broken down into packets and transmitted through your Local Area Network (LAN) to the Internet or Intranet instead of using a telephone company's network, thus saving you long distance costs.

Transmitted Document Confirmation

1. The DP-2500/3000 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 erroneous mail may be returned from the Mail Server to the DP-2500/3000.

2. The erroneous mail may take a long time to return (20 to 30 minutes) depending on the destination location, traffic on the network or LAN system configuration.

3. Depending on the Mail Server, it is also 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.

4. Documents cannot be transmitted correctly if the destination Mail Server does not conform to the MIME protocol. Erroneous mail may not be returned depending on the Mail Server.

DP-2500/3000 Cannot Make a Phone Call via LAN

The DP-2500/3000 can only make a phone call using a regular telephone line (PSTN).

Dual Port Communication

The DP-2500/3000's dual port capability, allows simultaneous G3 Fax Communication over regular telephone line (PSTN) and LAN Communication.

Transmission Resolution

In view of PC transmission, the factory default setting for the resolution is set to FINE mode. If required, this setting can be changed to Normal.

Internet Mail Reception

1. The DP-2500/3000 can receive text email from a PC and print ANSI characters. It will print a "n" symbol if an unrecognized character is received.

2. Received email font and character size are fixed and cannot be changed.

3. Text email will be printed at about 72 lines per page. It is recommended that you use A4/Letter size recording paper.

4. If the received text email includes a file attachment in a format other than TIFF-F, such as Word, Excel, Power Point, the DP-2500/3000 prints an error message instead.

5. If the received email includes attached TIFF-F formatted image files, the text and TIFF-F formatted image file will be printed on separate pages.

22

Important Information

Sending Document Size via LAN

When transmitting via LAN, the transmitter is incapable of identifying the receiver's recording paper size capability, and thus it will not reduce the document size. Therefore, when transmitting via LAN, it is recommended that you use only A4/Letter size documents. If a Ledger/B4 size document is transmitted and the receiver is only able to print A4/Letter size, the communication will fail when the Fax Parameter No. 141 (LAN XMT REDUCTION) is set to "1:Invalid" or the Select Mode "LEDGER EMAIL XMT" is set to "On".

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.

An Image data in TIFF-F format has been attached to this email.

You can download the TIFF-F Image Viewer from the following URL addresses:

http://www.panasonic.co.jp/mgcs/internetfax/

http://www.panasonic.com/internetfax/

Internet Relayed Transmission

To prevent unauthorized stations from accessing your Relay Station for Internet Relayed Transmission, you must set up your Network security. Enter a Relay Station Name, which is concealed from the final destinations and a Manager's Email Address for notification of all Internet Relayed Transmissions.

Connecting the LAN Cables

ACTIVITY Lamp
Blinks when there is data traffic on the LAN.

LINK Lamp
Illuminates when connected to the LAN. Lamp will
not turn ON if LAN cable is defective (contains
breaks).

LAN Connection Jack
(10Base-T/100Base-TX)

LAN Cable
(10Base-T/100Base-TX Cable)
Insert the plug until a click is heard.
(LAN cable is not included with the product.)
Purchase a Category 5 Cable, compliant with
EIA/TIA 568-A-5 standard.
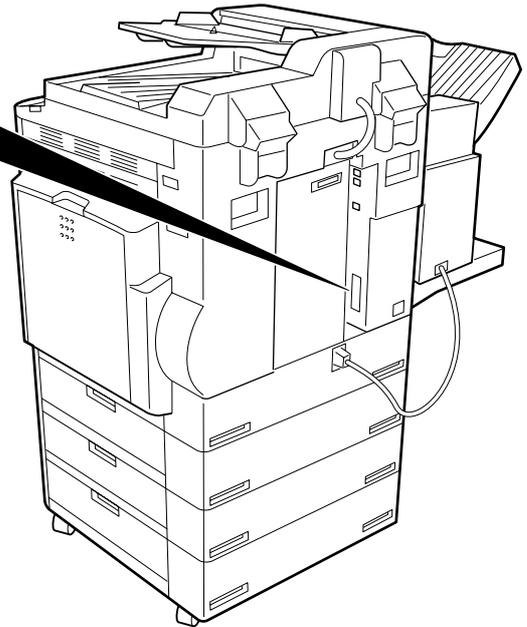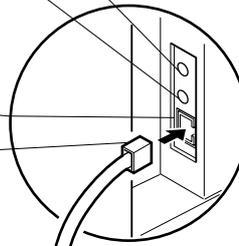
Ethernet LAN
(10Base-T/100Base-TX)
Cable (Not included)
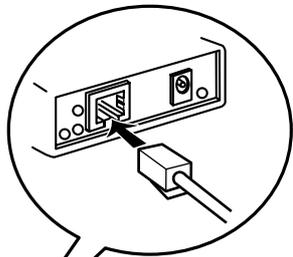
Ethernet-Token-Ring
Bridge
(Optional Order
No. UE-204006)
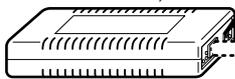
10Base-T/100Base-TX Ethernet Hub

User Parameters

Setting the User (Internet) Parameters

See Operating Instructions (For Facsimile) if you wish to set the basic settings (User Parameters).
Before starting, you will need a completed copy of page 15 (Pre Installation Information). For your machine to be able to operate on the Network properly, the following five (5) Basic Parameters must be pre-programmed into the machine.

- IP Address
- Subnet Mask
- SMTP Server Name or IP Address
- Default Router IP Address
- Email Address

Make sure that the INTERNET lamp is ON. If not, press ⌾ (INTERNET) to select the "INTERNET MODE".

1 FUNCTION

```
SELECT A FUNCTION

DEFERRED COMM.        POLLING
ADVANCED COMM.      SELECT MODE
EDIT FILE MODE       PRINT OUT
SET MODE          EDIT PHONE BOOK
```

2 SET MODE   01 USER PARAMETERS

```
USER PARAMETERS
SELECT A FUNCTION

01 DATE & TIME
02 LOGO
03 CHARACTOR ID
04 ID NO.
05 TIME ZONE

  01/09     CANCEL      O K
```
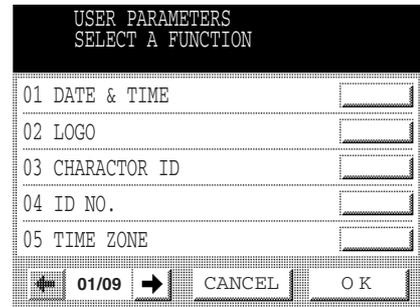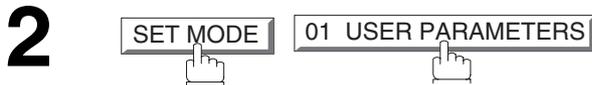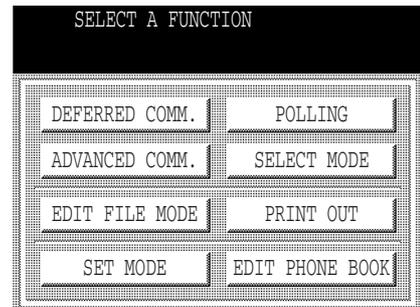
3 Press ◀ or ▶ to scroll the display to the desired User (Internet) Parameters. (See page 27)

Ex: 06 IP ADDRESS

```
USER PARAMETERS
IP ADDRESS
PRESS OK



_   .   .   .

    ◀   ▶


  CANCEL      OK
```
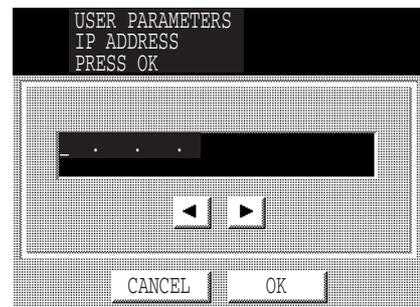
4 Enter the IP Address using the keypad.

Ex: ①②③①⑦⑧②④⓪⓪③
(See Note 2)
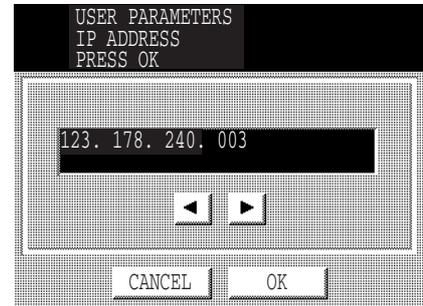
```
USER PARAMETERS
IP ADDRESS
PRESS OK


123. 178. 240. 003


      ◄    ►


      CANCEL      OK
```

5 OK

To advance to the next parameter, press
CANCEL to return to Step 3 or press STOP to
return to standby.

NOTE

1. *To scroll the display to desired User Parameter in Step 3, press ◄ or ►.*
2. *All IP Address fields require an entry. If you wish to leave an IP Address field Blank or wish to erase one, press CLEAR and press OK .*
3. *If the DNS Server is not available, change the setting of the Fax Parameter No. 161 (DNS SERVER) to "Invalid", then enter the IP Address instead.*

Setting the Internet Parameters

Setting the User Parameters for the LAN Interface

Depending on how the DP-2500/3000 will be configured to communicate on the LAN, the appropriate parameters listed in the table below must be stored first. (See pages 12 to 17)

	Parameter	Comments
1	DATE & TIME	Current Date and Time.
2	LOGO	Up to 25 characters & digits.
3	CHARACTER ID	Up to 16 characters & digits.
4	ID NO.	Your Fax Telephone Number. (Up to 20 digits)
5	TIME ZONE	The Time Zone is required as part of the Email header information when sending Internet faxes.
6	(MAC ADDRESS)	Hardware Address hard-coded into the DP-2500/3000. (If required, can be obtained from the 2nd page of the Fax Parameter List printout, by pressing. [FUNCTION][PRINT OUT][04 FAX PARAMETER LIST])
7*	IP ADDRESS	IP Address assigned to your DP-2500/3000.
8*	SUBNET MASK	Subnet Mask assigned by the Network Administrator.
9*	SMTP SERVER NAME	The name of the SMTP Mail Server. (Up to 60 characters)
10*	SMTP SERVER IP ADDR	IP Address of the SMTP Mail Server.
11*	DEF. ROUTER IP ADDR	IP Address of your Default Router.
12*	EMAIL ADDRESS	The Email Address assigned to your DP-2500/3000 for sending and receiving. (Up to 60 characters)
13*	DNS SERVER IP ADDRESS	IP Address of the DNS Server. If the DNS Server is not available, change the setting of the Fax Parameter No. 161 (DNS SERVER) to "Invalid", then enter the IP Address instead.
14*	POP SERVER NAME	Name of the POP Mail Server.
15*	POP SERVER IP ADDR	IP Address of the POP Mail Server.
16*	POP USER NAME	User Name assigned to your DP-2500/3000. (Up to 40 characters)
17*	POP PASSWORD	Password assigned to your DP-2500/3000. (Up to 10 characters)
18*	HOST NAME	The Host Name assigned to your DP-2500/3000. (Up to 60 characters)
19	DEFAULT SUBJECT	The default information to be added to the Subject Line for all outgoing Email (up to 40 characters). To manually input this information before transmission, change the Fax Parameter No. 159 (SUBJECT LINE ENTRY) to "2:Valid".
20	DEFAULT DOMAIN	When the outgoing email address is incomplete by SMTP standards, the Frequently Sent Domain specified here will be automatically added to the email address. This feature is also useful as a shortcut when manually entering email addresses to a frequently used Domain. (Up to 50 characters)
21	SELECTABLE DOMAINS	Enter up to 10 Domain Names that can be selected during Manual email addressing by pressing the Domain Key [@ ...] (See page 16). (Up to 30 characters)
22	REMOTE PASSWORD	This is a security password that allows Remote Programming of the Internet Parameters and Auto Dialer or the retrieval of the Journal via an Email. (Up to 10 characters)
23	MANAGER'S EMAIL ADDR	Department Manager's Email Address for notification of all Internet relayed transmissions for supervision and cost control purposes. (Up to 60 characters)
24	RELAY XMT PASSWORD	A password that provides Network security for your Relay Station (used exclusively for G3 relay purposes). (Up to 10 characters)
25	RELAY DOMAIN (01) ~ (10)	Enter up to 10 Domain Name(s) that have been authorized to access your Internet Fax for Relayed XMT Request. (Up to 30 characters) Relay Domain, a.k.a. Domain Name in the DX-1000/2000.

* Contact your Network Administrator for this Information.

27

Programming or Retrieving Parameters via Email

Using Email to Program or Retrieve Parameters

This feature is a powerful tool, which provides a convenient and easy way of retrieving or programming Internet Parameters, Phone Book Dialing Numbers, Program keys and Journal retrieval from your PC by sending a text email message to the DP-2500/3000.

Using your email application's **"Subject:"** line as a command-input field, you can request the DP-2500/3000 to perform the following commands:

	"Subject:" Line Command	Function
1	#set parameters(password)#	Programs the Internet Parameters
2	#get parameters(password)#	Retrieves the Internet Parameters
3	#set abbr(password)#	Programs the Auto Dialer
4	#get abbr(password)#	Retrieves the Auto Dialer Data
5	#get jnl(password)#	Retrieves the current Journal data

Where: **"set"** is used to program the data
"get" is used to retrieve the data
"parameters" represents Internet Parameters
"abbr" represents Auto Dialer
"jnl" represents Journal
"password" is the Remote Password programmed in the DP-2500/3000's User Parameters
(i.e. 123456789). Must be enclosed within the parenthesis **"( )"**.
The command must be enclosed within the hash **(#)** signs.

Using a PC to Input the Internet Parameters Remotely

This feature provides a convenient and an easy way to input the Internet Parameters right from your PC by sending a text email message to the DP-2500/3000.

The following parameters can be input remotely via a PC. The other parameters must be entered from the machine in the User Parameters (see page 27).

- Sender Selection (up to 24 User Names, see page 83)
- Default Domain
- Selectable Domains (up to 10 additional Domain Names)
- Remote Password
- Manager's Email Address
- Relay XMT Password
- Relay Domain (up to 10 Domain Names authorized for Relay XMT Request)

The DP-2500/3000 interprets the command that you enter in the **"Subject:"** line of your email message and performs one of the following functions, it Retrieves or Stores data into the Internet Parameters (User Parameters).
The two types of commands that can be entered in the **"Subject:"** line of your email:

1) To Store data, type : **#set parameters(password)#** :Where the **"password"** is the Remote Password programmed in the DP-2500/3000's User Parameters (i.e. 123456789).
You can enter the Internet Parameters shown above with this command the first time. However, if these fields already contain data, do not use this command as the existing information will be deleted and overwritten. Use the Retrieve command below instead, refer to pages 30 to 34.

2) To Retrieve data, type : **#get parameters(123456789)#**

28

Programming or Retrieving Parameters via Email

To Input the Internet Parameters for the First Time

Create a script in the message body of a plain text email and send it to the DP-2500/3000's email address. The **"Subject:"** line of the email must be as follows:

#set parameters(password)#: Where the **"password"** is the Remote Password programmed in the DP-2500/3000's User Parameters.   For security, always input a Remote Password in the User Parameters.   [If it was not programmed, signify with **"()"** (i.e. #set parameters()#) and assign one now].

Important: Do not use the above command if these fields already contain data, the existing information will be deleted and overwritten. Retrieve and backup the existing data onto your PC first by following the procedures for Retrieving and Editing the Internet Parameters on pages 30 to 34.

The script sample to input the Internet Parameters is shown below.

> 1. To activate this feature, change the Fax Parameter No. 158 (PC REMOTE UPDATE) to "Valid". (See page 57)

Programming or Retrieving Parameters via Email

Explanation of Contents

(1) To
: The DP-2500/3000's email address

    From
: This field is normally not visible when creating new email message(s). It is your default email address for retrieving the Internet Parameters and for error message notification. (Can be programmed with the configuration tool of your email program.)

    Subject
: To Store data, type: #set parameters(password)#

(2) @sender to @end
: Defines the Sender information to be set in section (2) between @sender to @end block. Register up to 24 User Names and their Email Addresses for the Sender Selection feature (see page 83).
Separate each data field with a semicolon (;). (If the remaining fields are to remain blank, insert a semicolon (;) for each blank field)
The data string for each Sender Selection should be defined within a single line.
The syntax is: <Sender Selection Number>;<User Name>;<Email Address>

    (a) 01 to 24: Indicates the Sender Selection Numbers
    (b) User Name (25-characters maximum)
    (c) Email Address (60-characters maximum)

(3) @select-domain to @end
: Defines the Selectable Domains to be set in section (3) between @select-domain to @end block. Register up to 10 Domain Names that can be selected during manual email addressing by pressing the Domain Key `@ ...`. (30-characters maximum)
The syntax is: <Number>;<Domain>

(4) @relay-domain to @end
: Defines the Domain Names to be set in section (4) between @relay-domain to @end block. Register up to 10 Domain Names that have been authorized to access your Internet Fax for Relayed XMT Request. (30-characters maximum)

(5) @system to @end
: Defines the Internet Parameters to be set in section (5) between @system to @end block. Register the following Internet Parameters.

    (a) Default Domain (30-characters maximum).
        The syntax is: domain; <Default domain name>
    (b) Manager's Email Address (60-characters maximum).
        The syntax is: manager; <Manager's Email Address>
    (c) Relay XMT Password (10-characters maximum).
        The syntax is: relay; <Relay XMT Password>. Quotation marks " " enclosing the password, are required, as shown in the example above.
    (d) Remote Password (10-characters maximum).
        The syntax is: remote; <Remote Password>. Quotation marks " " enclosing the password, are required, as shown in the example above.

NOTE

1. *The machine cannot be programmed via email while it is communicating or printing.*
2. *Some email applications automatically insert a line feed in the middle of a line when the number of characters in a line exceed a specific number. Turn "Off" the automatic line feed, or define the number of characters per line to prevent a line feed, or the data will be ignored.*

Programming or Retrieving Parameters via Email

To Retrieve the Internet Parameters for Backup

To retrieve the existing Internet Parameters, send a plain text email to the DP-2500/3000's email address with the following command in the **"Subject:"** line:

#get parameters(password)# : Where the **"password"** is the Remote Password programmed in the DP-2500/3000's User Parameters (i.e. 123456789). For security, always input a Remote Password in the User Parameters. If it was not programmed, signify with **"()"** (i.e. #get parameters()#).
Make sure that the **"Cc..., Bcc..."**. lines and the body of the email message is Blank.
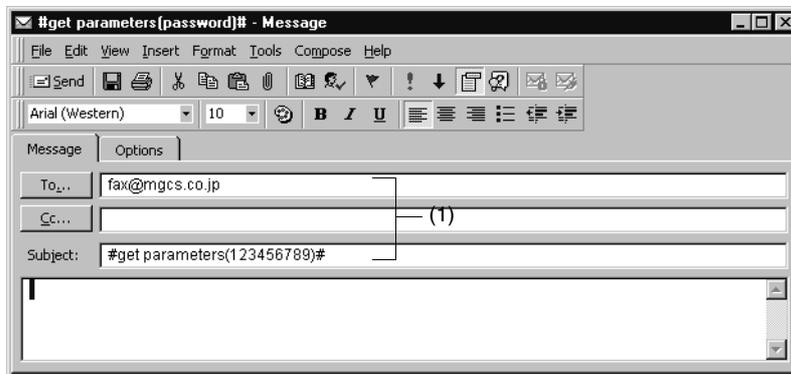

```
✉ #get parameters(password)# - Message                          _□×

 File  Edit  View  Insert  Format  Tools  Compose  Help

 ⊟Send  🖫 🖨  ✂ 🖹 🖺 📎  🕮 ℞✓  ▼  !  ↓ 📄📄  ✉ ✉

 Arial (Western)        ▼  10  ▼  😊  B  I  U  ▐▌ ≡ ≡ ≣ ⋮≡ ⊒⊒ ⊒⊒

  Message |  Options |

  To...  | fax@mgcs.co.jp                                        |
  Cc...  |                                                       | ─ (1)
  Subject: | #get parameters(123456789)#                        |

 |                                                                   ▲
 |                                                                   ▼
```

(1) To   : The DP-2500/3000's email address.

     From   : This field is normally not visible when creating new email message(s). It is your default email address for retrieving the Internet Parameters and for error message notification. (Can be programmed with the configuration tool of your email program.)

     Subject   : To Retrieve data, type: **#get parameters(password)#**

Programming or Retrieving Parameters via Email

After receiving the email message requesting the Internet Parameters, the DP-2500/3000 sends back an email to the address specified in the **"From:"** line with the Internet Parameters in the body of the email.

DP-2500/3000 Internet Parameters Email Sample

(1) To   : Your email address that was used to retrieve the Internet Parameters.
    From   : The DP-2500/3000's email address.
    Subject   : DP-2500/3000 System Parameter List

(2) @sender to @end   : Defines up to 24 User Names and their Email Addresses programmed in the DP-2500/3000 for the Sender Selection in section (2) between @sender to @end block.

(3) @select-domain to @end   : Defines up to 10 alternate Domain Names programmed in the DP-2500/3000 for the Selectable Domains in section (3) between @select-domain to @end block.

(4) @relay-domain to @end   : Defines up to 10 Domain Names programmed in the DP-2500/3000 that have been authorized to access your Internet Fax for Relayed XMT Request in section (4) between @relay-domain to @end block.

(5) @system to @end   : Defines the following Internet Parameters programmed in the DP-2500/3000 in section (5) between @system to @end block.

                                                                 (a) Default Domain
                                                                 (b) Manager's Email Address
                                                                 (c) Relay XMT Password
                                                                    (d) Remote Password

Programming or Retrieving Parameters via Email

To Edit the Retrieved or Backup Internet Parameters File

After receiving the DP-2500/3000 email with the Internet Parameters, store the email file as text (.txt) on your PC for backup purposes.

To change or update the Internet Parameters, follow the steps below:

1. Create a New Email Message, fill out the **"To..."** and **"From..."** Address line and the **"Subject:"** line information for section (1) below:

   To   : The DP-2500/3000's email address.

   From   : This field is normally not visible when creating new email message(s). It is your default email address, for retrieving the Internet Parameters and for error message notification.

   Subject : To Store data, type: **#set parameters(password)#**

2. Open the backup, Internet Parameter text file. Copy the body text and paste it on the body of the newly created email message.

3. Delete any headers that may be present in the body of the email, as unsupported data will be rejected. The information following the **"#"** sign is ignored by the DP-2500/3000.

4. Edit a parameter and/or add additional Sender Name(s) or Domain Name(s).

5. When finished, use the **"File/Save as..."** command and save the updated file with ".txt" extension as a backup.

6. Send the email message to the DP-2500/3000 to update the Internet Parameters.

33

DP-2500/3000 Internet Parameters Email Sample

```
#set parameters(123456789)# - Message

File  Edit  View  Insert  Format  Tools  Compose  Help

Send

Arial (Western)        10        B  I  U

Message    Options

To...     fax@mgcs.co.jp
Cc...                                                        (1)
Subject:  #set parameters(123456789)#


From:      "DP-3000" <fax@mgcs.co.jp>
Subject:   DP-3000 SYSTEM PARAMETER List        (6)
To:        user@mgcs.co.jp
                      [Delete this header before sending email.]
#---------------------------------------------
# DP-3000 SYSTEM PARAMETER List
#
# STATION        : DP-3000
# EMAIL          : fax@mgcs.co.jp
# DATE/TIME      : NOV-12-2000 12:34
#---------------------------------------------
#---------------------------------------------
# Internet parameters
#
# IP ADDRESS     :192.168.1.100
# SUBNET MASK    :255.255.255.0
# SMTP SERVER    :smtp.server.mgcs.co.jp
# DEF.ROUTER     :192.168.1.1
# DNS SERVER     :192.168.1.10
# POP SERVER     :pop3.server.mgcs.co.jp
# POP USER NAME :dp3000
#---------------------------------------------
@sender
01;PDIC OSD;ifax1@panasonic.com          (2)
02;MGCS;ifax@mgcs.co.jp
@end
@select-domain
01;mgcs.co.jp                            (3)
02;panasonic.co.jp
@end
@relay-domain
panasonic.co.jp
mgcs.co.jp                               (4)
sales.panasonic.com
tech1.panasonic.com
@end
@system
domain;panasonic.com
manager;postmaster@mgcs.co.jp
relay;"rlypass"                          (5)
remote;"rmtpass"
@end
```

Programming or Retrieving Parameters via Email

Explanation of Contents

(1)	To	: The DP-2500/3000's email address
	From	: This field is normally not visible when creating new email message(s). It is your default email address for retrieving the Internet Parameters and for error message notification. (Can be programmed with the configuration tool of your email program.)
	Subject	: To Store data, type: #set parameters(password)#

(2) @sender to @end : Defines the Sender information to be set in section (2) between @sender to @end block. Edit, Delete or Register up to 24 User Names and their Email Addresses for the Sender Selection feature (see page 83).

Separate each data field with a semicolon (;). (If the remaining fields are to remain blank, insert a semicolon (;) for each blank field).

The data string for each Sender Selection should be defined within a single line. The syntax is:

<Sender Selection Number>;<User Name>;<Email Address>

(a) 01 to 24: Indicates the Sender Selection Numbers
(b) User Name (25-characters maximum)
(c) Email Address (60-characters maximum)

(3) @select-domain to @end : Defines the Selectable Domains to be set in section (3) between @select-domain to @end block. Register up to 10 alternate Domain Names that can be selected during manual email addressing by pressing the Domain Key @ ... . (30-characters maximum)

The syntax is: <Number>;<Domain>

(4) @relay-domain to @end : Defines the Domain Names to be set in section (4) between @domain to @end block. Register up to 10 the Domain Names that have been authorized to access your Internet Fax for Relayed XMT Request. (30-characters maximum)

(5) @system to @end : Defines the Internet Parameters to be set in section (5) between @system to @end block. Register the following Internet Parameters.

(a) Default Domain (30-characters maximum).
    The syntax is: domain; <Default domain name>
(b) Manager's Email Address (60-characters maximum).
    The syntax is: manager; <Manager's Email Address>
(c) Relay XMT Password (10-characters maximum. The syntax is: relay; <Relay XMT Password>. Quotation marks " " enclosing the password, are required, as shown in the example above).
(d) Remote Password (10-characters maximum. The syntax is: remote; <Remote Password>. Quotation marks " " enclosing the password, are required, as shown in the example above).

(Notice that for the above example, we have changed the Manager's Email Address, Relay XMT Password and the Remote Password).

(6) : This header must be deleted before the email is sent to the DP-2500/3000 for reprogramming of Internet Parameters.
The information following the "#" sign is ignored by the DP-2500/3000, therefore, you can leave it as is or delete it if you wish.

Using a PC to Update the Auto Dialer Remotely

This feature provides a convenient and an easy way to Update, Backup or Restore the Phone Book dialing numbers right from your PC by sending a text email message to the DP-2500/3000.

The DP-2500/3000 interprets the command that you enter in the **"Subject:"** line of your email message and performs one of the following functions, it Retrieves or Stores data into the Auto Dialer (Phone Book).

The two types of commands that can be entered in the "Subject" line of your email:

1) To Store data, type :**#set abbr(password)#**   : Where the **"password"** is the Remote Password programmed in the DP-2500/3000's User Parameters (i.e. 123456789). You can program any known unused Auto Dialer location(s) with this command for the first time, without having to Retrieve the Phone Book data first. If the desired Auto Dialer location already contains data, the DP-2500/3000 will overwrite the existing data, therefore, we recommend that you use the Retrieve command below instead. To edit existing Auto Dialer locations, refer to pages 42 to 43.

2) To Retrieve data, type :**#get abbr(123456789)#**

(**NOTE**)

1. To activate this feature, change the Fax Parameter No. 158 (PC REMOTE UPDATE) to "Valid". (See page 57).

Programming or Retrieving Parameters via Email

Deleting the Entire Auto Dialer

If you wish to delete the entire Auto Dialer data in the DP-2500/3000, type the following command in the body of the email message:

@command
delete
@end

This command can also be inserted before the @begin to @end block, to erase the entire Auto Dialer data first, then reprogramming it with new data.
This method will also prevent the "Overwrite Warning Message" that is sent back from the DP-2500/3000, when the current Auto Dialer station is overwritten.

To erase the entire Auto Dialer data, type the following command in the "Subject" line of your email:

#set abbr(password)# : Where the **"password"** is the Remote Password programmed in the DP-2500/ 3000's User Parameters. Retrieve and backup the existing data onto your PC first by following the procedures for Retrieving and Editing on pages 40 to 43.

```
┌─────────────────────────────────────────────────────────────┐
│ ✉ #set abbr(password)# - Message                    _ □ × │
├─────────────────────────────────────────────────────────────┤
│ File  Edit  View  Insert  Format  Tools  Compose  Help        │
├─────────────────────────────────────────────────────────────┤
│ ⊟Send  🖫 🖨  ✂ 🖹 🖺 🔗  🖽 ✍  ▼  !  ↓  🗐 ？ ✉ ✉        │
│ Arial (Western)      ▼  10 ▼  ☺  B  I  U  ▤ ▥ ▦ ☷ ⌐ ⌐    │
│ ┌─────────┬─────────┐                                         │
│ │ Message │ Options │                                         │
│ ├─────────┴──────────────────────────────────────────────┐  │
│ │  To...  │ ifax@mgcs.co.jp                                 │  │
│ ├─────────┼──────────────────────────────────────────────┤  │
│ │  Cc...  │                                                 │  │
│ ├─────────┼──────────────────────────────────────────────┤  │
│ │ Subject:│ #set abbr(password)#                            │  │
│ ├─────────┴──────────────────────────────────────────────┤  │
│ │ @command                                               ▲ │  │
│ │ delete                                                   │  │
│ │ @end                                                     │  │
│ │ |                                                        │  │
│ │                                                          │  │
│ │                                                        ▼ │  │
│ └─────────────────────────────────────────────────────────┘  │
└─────────────────────────────────────────────────────────────┘
```

37
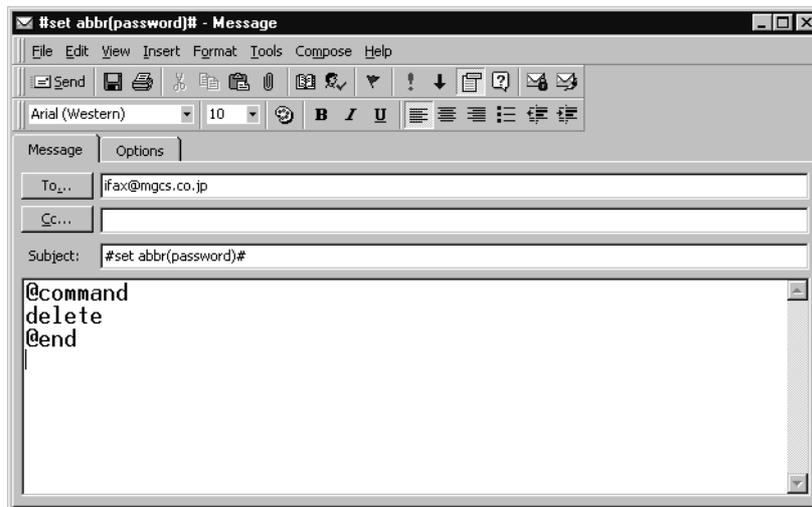
Programming or Retrieving Parameters via Email

To Program Phone Book for the First Time

Create a script in the message body of a plain text email and send it to the DP-2500/3000's email address.The **"Subject:"** line of the email must be as follows:

#set abbr(password)#:   Where the **"password"** is the Remote Password programmed in the DP-2500/ 3000's User Parameters.

The script sample to program the Phone Book for the first time is shown in the illustration below:

First Time Remote Programming of Phone Book Sample
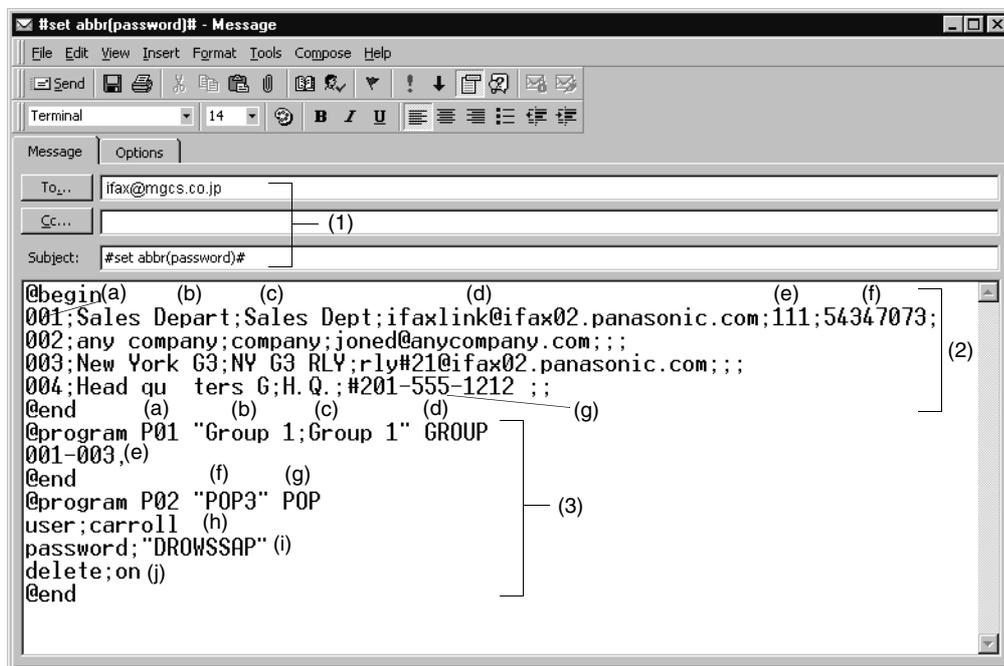
Programming or Retrieving Parameters via Email

Explanation of Contents

(1) To : The DP-2500/3000's email address.

From : This field is normally not visible when creating new email message(s). It is your default email address for retrieving the Phone Book data and for error message notification.
(It can be programmed with the configuration tool of your email program).

Subject : To Store data, type: #set abbr(password)#
: To Retrieve data, type: #get abbr(password)#

(2) @begin to @end block : Defines the data to be set into Phone Book between @begin to @end block.
Separate each data field with a semicolon (;). (If the remaining fields are to remain blank, insert a semicolon (;) for each blank field).
The data string for each station should be defined within a single line.

    (a) Entry-number: Phone Book entries to be programmed
       000 to 199: indicates Phone Book entries 000 to 199 (200 stations maximum)
    (b) Station-name: Name of the station being programmed (15 alpha-numeric characters maximum)
    (c) Key-name: Name of the key being programmed (10 alpha-numeric characters maximum)
    (d) Station-address: email address or telephone number of the station being programmed
    (e) Routing-subaddress: sub-address to be used for routing (20-digit maximum)
    (f) Routing-id-number: TSI to be used for routing (20-digit maximum)
    (g) The End Receiving Station's telephone number is entered after the hash sign (#)

(3) @program to @end : Defines the data to be set into Program Keys as a Group Key or POP Access Key between @program to @end block.

    (a) Program Key: P01 - P12
    (b) Station-name as a Group Key: Name of the station being programmed (15 alpha-numeric characters maximum)
    (c) Key-name: Name of the key being programmed (10 alpha-numeric characters maximum)
    (d) GROUP: The syntax used to set the Program Key as a Group Key
    (e) Entry-number: Phone Book entries to be programmed
       000 to 199: indicates Phone Book entries 000 to 199 (200 stations maximum)
    (f) Key-name: POP key name (10 alpha-numeric characters maximum)
    (g) POP: The syntax used to set the Program Key as a POP Access Key
    (h) POP User-name: Name of the station being programmed (40 alpha-numeric characters maximum)
    (i) POP Password: POP Password (10 alpha-numeric characters maximum)
    (j) Set whether the emails on the POP Server are deleted after retrieving the emails

---

> **NOTE**
>
> 1. If a POP user account is programmed into the P1 to P12 program keys, the data programmed for this key cannot be deleted, even when the delete command is specified.
> 2. The email address and the telephone number cannot be programmed via email when:
>   - Phone Book Number has been used for communication reservation.
>   - Received documents are stored in the image data memory of the machine.
>   - While the machine is communicating or printing.
> 3. When the email address and telephone number are programmed via email, a program result email is sent back.
> 4. Some email applications automatically insert a line feed in the middle of a line when a number of characters in a line exceed a specific number. Turn Off the automatic line feed, or define a number of characters per line to prevent a line feed, or the data will be ignored.

To Retrieve Phone Book Data for Backup

To retrieve the existing auto dialer data, send a plain text email to the DP-2500/3000's email address with the following command in the **"Subject:"** line:

#get abbr(password)#   : Where the **"password"** is the Remote Password programmed in the DP-2500/ 3000's User Parameters (i.e. 123456789).

Make sure that the **"Cc..., Bcc..."** lines and the body of the email message is Blank.

Retrieving Phone Book Data Sample
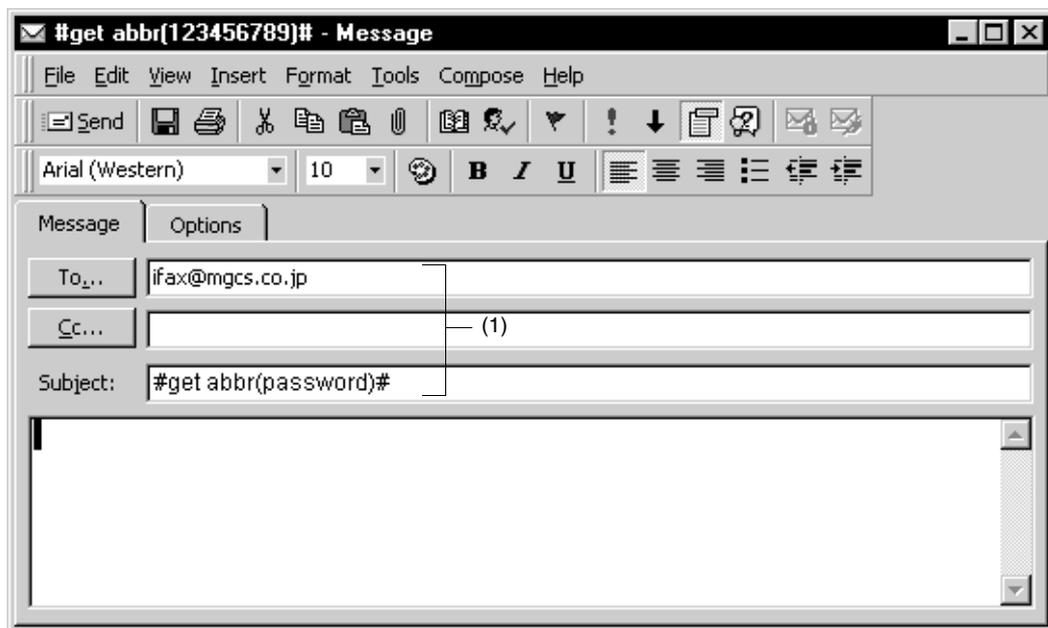
```
📧 #get abbr(123456789)# - Message                    _ □ ✕

  File  Edit  View  Insert  Format  Tools  Compose  Help

 ⊟Send  🖫 🖨  ✂ 🖹 🖺 📎  🕮 ✓  ▼  !  ↓  🖺 🗐  ✉ ✉

 Arial (Western)      ▼  10  ▼  ⊗  B  I  U  ≡ ≡ ≡ ≔ ≢ ≢

 ┌ Message ┐┌ Options ┐

   To...    ifax@mgcs.co.jp

   Cc...                                           ── (1)

  Subject:  #get abbr(password)#

 │
```

(1)   To   : The DP-2500/3000's email address.

     From   : This field is normally not visible when creating new email message(s). It is your default email address for retrieving the Phone Book data and for error message notification.
(It can be programmed with the configuration tool of your email program.)

     Subject   : To Retrieve data, type: **#get abbr(password)#**

40

Programming or Retrieving Parameters via Email

After receiving the email message requesting the existing auto dialer data, the DP-2500/3000 sends back an email to the address specified in the **"From:"** line with the auto dialer information in the body of the email.

DP-2500/3000 Auto Dialer Email Sample
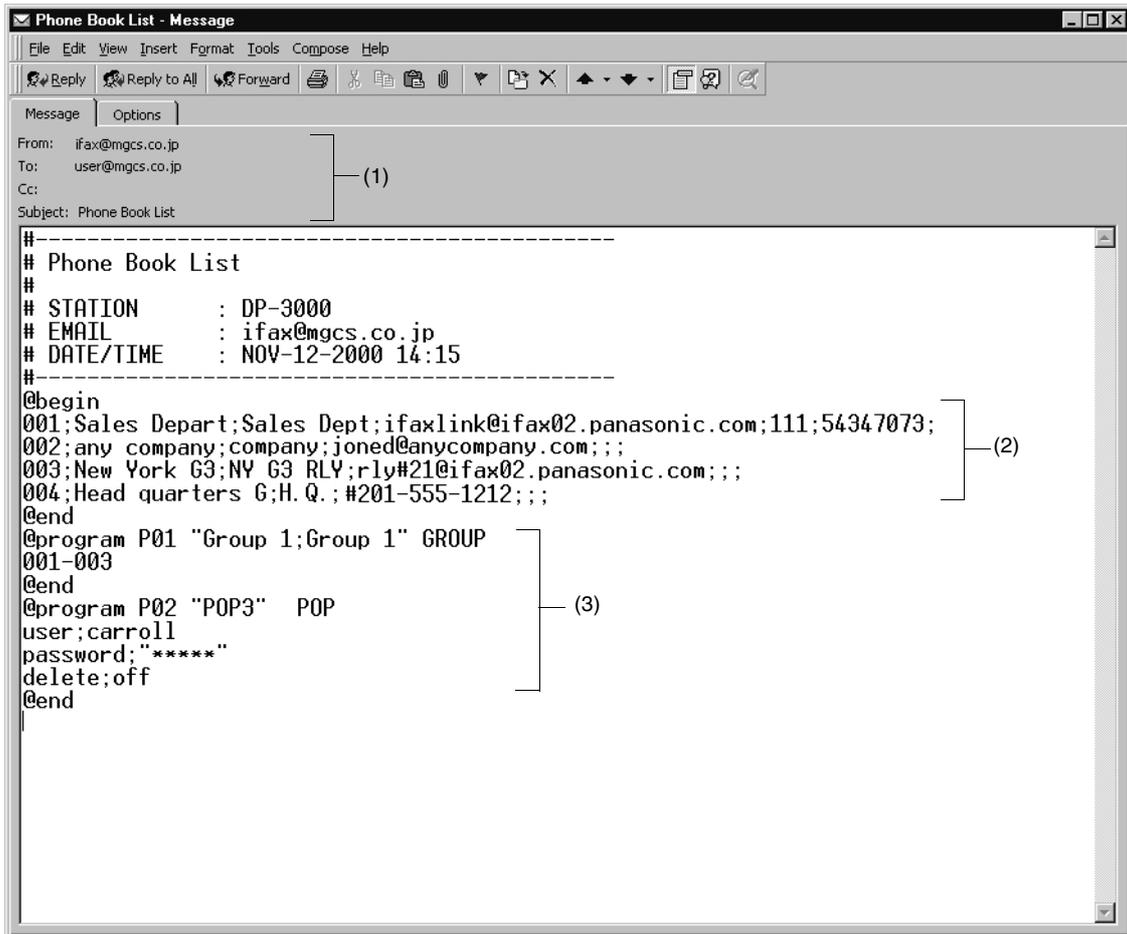
(1) To : Your email address that was used to retrieve the Auto Dialer data.

From : The DP-2500/3000's email address.

Subject : DP-2500/3000 Phone Book List

(2) @begin to @end block : Defines Phone Book programmed in the DP-2500/3000 in section (2) between @begin to @end block.

(3) @program to @end : Defines Program Keys stored as a Group Key or POP Access Key programmed in the DP-2500/3000 in section (3) between @program to @end block.

To Edit the Retrieved or Backup Phone Book Data File

After receiving the DP-2500/3000 email with the auto dialer data, store the email file as text (.txt) on your PC for backup purposes.

To change or update the auto dialer, follow the steps below:

1. Create a New Email Message, fill out the **"To..."** and **"From..."** Address line and the **"Subject:"** line information for section (1) below:
   To   : The DP-2500/3000's email address.
   From   : This field is normally not visible when creating new email message(s). It is your default email address, for retrieving the Phone Book data and for error message notification.
   Subject   : To Store data, type: **#set abbr(password)#**
2. Open the backup, auto dialer text file. Copy the body text and paste it on the body of the newly created email message.
3. Delete any headers that may be present in the body of the email, as unsupported data will be rejected.
   The information following the **"#"** sign is ignored by the DP-2500/3000.
4. Edit and/or add additional Phone Book stations.
5. When finished, use the **"File/Save as..."** command and save the updated file with ".txt" extension as a backup.
6. Send the email message to the DP-2500/3000 to update the auto dialer.

DP-2500/3000 Auto Dialer Email Sample

Programming or Retrieving Parameters via Email

Explanation of Contents

(1) To   : The DP-2000/3000's email address.

    From   : This field is normally not visible when creating new email message(s). It is your default email address, for retrieving the Phone Book data and for error message notification. (Can be programmed with the configuration tool of your email program.)

    Subject   : To Store data, type: #set abbr(password)#

(2) @begin to @end block: : Defines the Phone Book to be set in section (3) between @begin to @end block. Edit, Delete or Register the information.
Separate each data field with a semicolon (;). (If the remaining fields are to remain blank, insert a semicolon (;) for each blank field).
The data string for each station should be defined within a single line. The syntax is:
<Entry-number>;<Station-name>;<Key-name>;<Station-address>;<Routing-subaddress>;<Routing-id-number>

                (a) Entry-number: Phone Book to be programmed 000 to 199: indicates Phone Book (200 numbers maximum)
                (b) Station-name: Name of the station being programmed (15 alpha-numeric characters maximum)
                (c) Key-name: Name of the key being programmed (10 alpha-numeric characters maximum)
                (d) Station-address: email address or telephone number of the station being programmed
                (e) Routing-subaddress: sub-address to be used for routing (20-digit maximum)
                (f) Routing-id-number: TSI to be used for routing (20-digit maximum)
                (g) The End Receiving Station's telephone number is entered after the hash sign (#)

(3) @program to @end block: : Defines the Program Keys stored as a Group Key or POP Access Key to be set in section (4) between @program to @end block.
Edit, Delete or Register the information.

                (a) Program Key: P01 - P12
                (b) Station-name as a Group Key: Name of the station being programmed (15 alpha-numeric characters maximum)
                (c) Key-name: Name of the key being programmed (10 alpha-numeric characters maximum)
                (d) GROUP: The syntax used to set the Program Key as a Group Key
                (e) Entry-number: Phone Book to be programmed
                   000 to 199: indicates Phone Book 000 to 199 (200 stations maximum)
                (f) Key-name: POP key name (10 alpha-numeric characters maximum)
                (g) POP: The syntax used to set the Program Key as a POP Access Key
                (h) POP User-name: Name of the POP user account (40 alpha-numeric characters maximum)
                (i) POP Password: POP Password (10 alpha-numeric characters maximum)
                (j) Set whether the emails on the POP Server are deleted after retrieving the emails

(4) These 2 Phone Book stations were added to the list.

(5) This header must be deleted before the email is sent to the DP-2500/3000 for reprogramming of Phone Book.
The information following the "#" sign is ignored by the DP-2500/3000, therefore, you can leave it as is or delete it if you wish.

Using Email to Retrieve the Journal

To retrieve the existing Journal data, send an email to the DP-2500/3000's email address with the following command in the **"Subject:"** line:

#get jnl(password)#: Where the **"password"** is, the Remote Password programmed in the DP-2500/3000's User Parameters (i.e. 123456789).

The Journal will be send back to the originating station's email address.
After receiving the journal, use a fixed width font (i.e. Courier), in order to align the received journal's contents on the PC.
A separate email message is sent by the DP-2500/3000, an "Internet Fax Return Receipt" to the Manager's email address programmed in the User Parameters, informing of the Journal transfer.

NOTE

> 1. To activate this feature, change the Fax Parameter No. 158 (PC REMOTE UPDATE) to "Valid". (See page 57)

Phone Book

Adding an Email Address

Phone Book dialing/addressing is a fast way of dialing full telephone numbers or email addresses. To use these dialing or addressing methods, you must first store the telephone numbers or email addresses into the Phone Book. (Refer to the Operating Instructions (For Facsimile) for adding telephone numbers.)

To add an email address, follow the steps below

Make sure that the INTERNET lamp is ON. If not, press to select the "INTERNET MODE".

1   FUNCTION

```
SELECT A FUNCTION

DEFERRED COMM.      POLLING
ADVANCED COMM.     SELECT MODE
EDIT FILE MODE      PRINT OUT
SET MODE         EDIT PHONE BOOK
```

2   EDIT PHONE BOOK   02 ADD EMAIL ADDR.

```
PHONE BOOK
ENTER EMAIL ADDRESS

Caps  Symbols  @...  ↓ ↑ ◄ ►  Back space
Q W E R T Y U I O P
A S D F G H J K L
@ Z X C V B N M . _
      CANCEL      O K
```
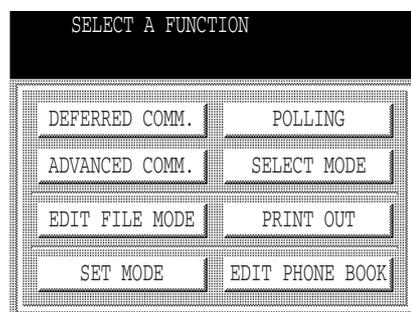
3   Enter the email address by using the QWERTY keyboard and then press OK .
(Up to 60 characters)

Ex: abc@panasonic.com

```
PHONE BOOK
ENTER EMAIL ADDRESS
abc@panasonic.com

Caps  Symbols  @...  ↓ ↑ ◄ ►  Back space
Q W E R T Y U I O P
A S D F G H J K L
@ Z X C V B N M . _
      CANCEL      O K
```

Continued on the next page...

4 OK

Then enter the station name by using the QWERTY keyboard.
(Up to 15 characters)

Ex: S A L E S SPACE D E P T

```
PHONE BOOK
ENTER NAME
SALES DEPT
Caps  Symbols        ◄  ►   Back
                             space
Q  W  E  R  T  Y  U  I  O  P
 A  S  D  F  G  H  J  K  L
@  Z  X  C  V  B  N  M  .  _
        Space       CANCEL  OK
```

5 OK

Then enter the key name (up to 10 characters).
(By default, the key name is the first 10 characters of the station's name. If you do not want to change it, press OK .)

```
PHONE BOOK
ENTER KEY NAME
SALES DEPT
Caps  Symbols        ◄  ►   Back
                             space
Q  W  E  R  T  Y  U  I  O  P
 A  S  D  F  G  H  J  K  L
@  Z  X  C  V  B  N  M  .  _
        Space       CANCEL  OK
```

6 OK
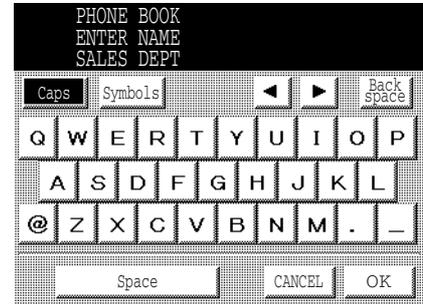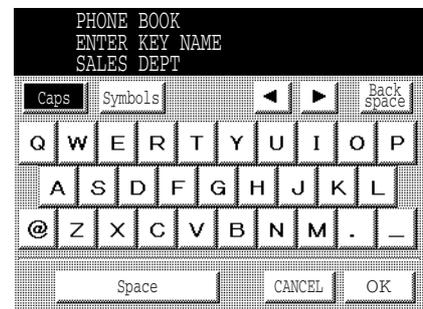
To record another email address, repeat Steps 3 to 6.
To return to standby, press STOP .

```
PHONE BOOK
ENTER EMAIL ADDRESS
_
Caps  Symbols  @...  ↓  ↑  ◄  ►  Back
                                 space
Q  W  E  R  T  Y  U  I  O  P
 A  S  D  F  G  H  J  K  L
@  Z  X  C  V  B  N  M  .  _
        CANCEL     O K
```

46
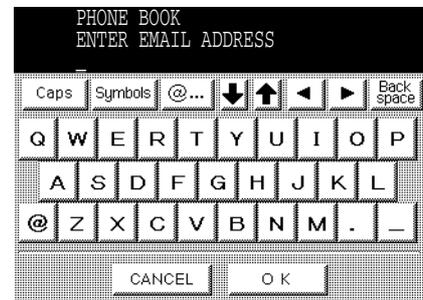
Phone Book

Editing the Phone Book

If you have to change or erase any of the Phone Book stations, follow the steps below.

To change the settings of a phone book station

Make sure that the INTERNET lamp is ON. If not, press [INTERNET] to select the "INTERNET MODE".

1 FUNCTION

```
SELECT A FUNCTION

DEFERRED COMM.      POLLING
ADVANCED COMM.      SELECT MODE
EDIT FILE MODE      PRINT OUT
SET MODE            EDIT PHONE BOOK
```

2 EDIT PHONE BOOK   03 MODIFY STATION
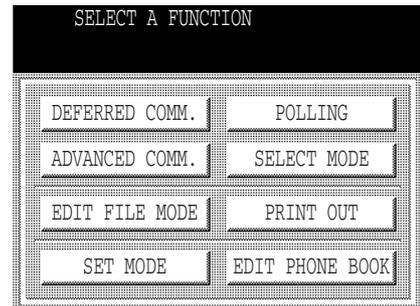
3 Select the station you wish to change.
(Note: The word "Email" above the key name, indicates that the key contains an email address)

Ex: Email
SALES DEPT

```
MODIFY STATION

◄  PQRS  TUV  WXYZ  Others  PROGRAM
                                   DIAL
Email
SALES DEPT

                                   ▲

                                   1/1

                                   ▼

        CANCEL      O K
```

4 OK
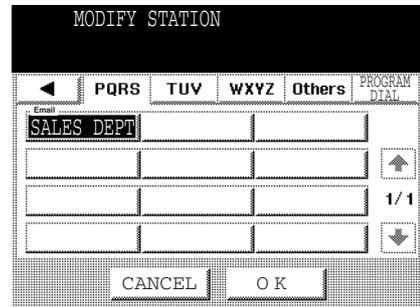
Then enter a new email address. (See Note 1)

Ex: xyz@panasonic.com

```
PHONE BOOK
ENTER EMAIL ADDRESS
xyz@panasonic.com
Caps  Symbols  @...  ↓ ↑ ◄ ►  Back
                                 space
Q  W  E  R  T  Y  U  I  O  P
 A  S  D  F  G  H  J  K  L
@  Z  X  C  V  B  N  M  .  _

        CANCEL      O K
```

5

OK
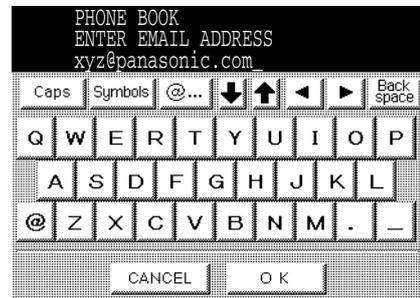
Then enter a new station name. (See Note 1)

Ex: P A N A F A X

```
PHONE BOOK
ENTER NAME
PANAFAX
```
Caps Symbols ◀ ▶ Back space

Q W E R T Y U I O P

A S D F G H J K L

@ Z X C V B N M . _

Space CANCEL OK

6

OK
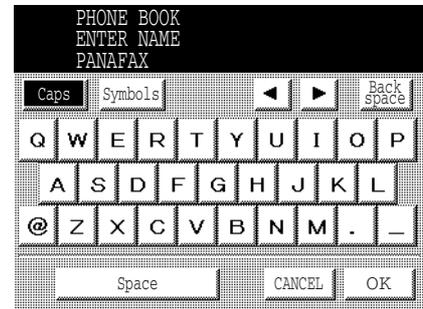
Then enter a new key name. (See Note 1)

Ex: P A N A F A X

```
PHONE BOOK
ENTER KEY NAME
PANAFAX
```
Caps Symbols ◀ ▶ Back space

Q W E R T Y U I O P

A S D F G H J K L

@ Z X C V B N M . _

Space CANCEL OK

7

OK
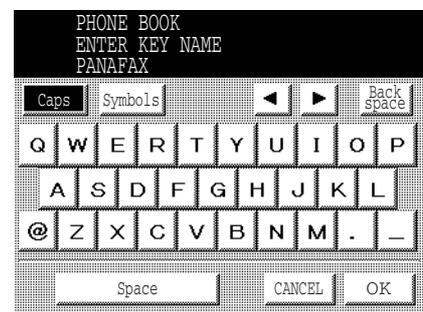
To return to standby, press STOP .

NOTE

1. *If you make a mistake, use ◀ or ▶ to move the cursor beyond the incorrect character, press CLEAR then re-enter the new character.*
2. *The Phone Book cannot be changed or erased until the communication has finished.*
   To change or erase the settings, cancel the communication first by Edit File Mode.

Phone Book

To erase an entry from the phone book

Make sure that the INTERNET lamp is ON. If not, press (INTERNET icon) to select the "INTERNET MODE".

1   FUNCTION

```
SELECT A FUNCTION

 DEFERRED COMM.        POLLING

 ADVANCED COMM.      SELECT MODE

 EDIT FILE MODE       PRINT OUT

    SET MODE       EDIT PHONE BOOK
```
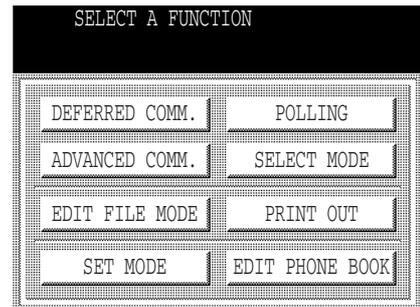
2   EDIT PHONE BOOK   04 DELETE STATION

```
DELETE STATION

ABC   DEF   GHI   JKL   MNO   ▶
┌Email────┐ ┌Email───┐
AMERICA    ASIA      CHINA
AFRICA     BERLIN               ⬆
┌Email────┐┌Email───┐
ANTARCTICA BRAZIL              1/1
┌Email────┐┌Email───┐
APOLLO     CANADA               ⬇
        CANCEL      O K
```
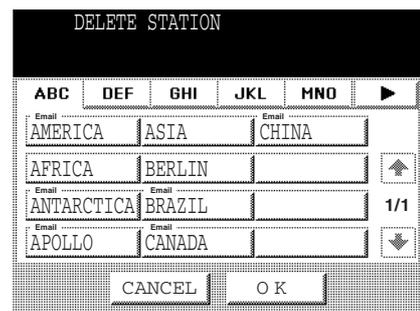
3   Enter the station you wish to erase.
(Note: The word "Email" above the key name,
indicates that the key contains an email address)

Ex: ┌Email┐
        SALES DEPT

```
DELETE STATION

◄   PQRS  TUV  WXYZ  Others  PROGRAM
                             DIAL
┌Email───┐
SALES DEPT
                              ⬆
                             1/1
                              ⬇
        CANCEL      O K
```

4   OK

```
DELETE STATION
SALES DEPT
abc@panasonic.com
◄  PQRS   TUV   WXYZ  Others PROGRAM

         DELETE?

        NO          YES
```

Continued on the next page...

5 YES
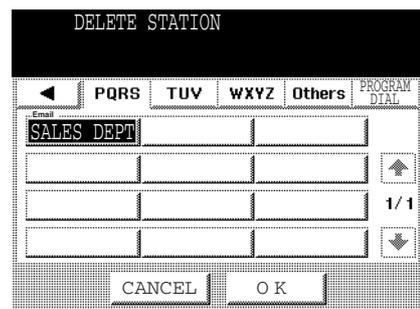
To return to standby, press STOP.

1. *If the Phone Book station has been used for a communication reservation, the settings cannot be changed or erased until the communication has finished.*
   To change or erase the settings, cancel the communication first by Edit File Mode.

Customizing Your Machine

Your facsimile machine has a variety of adjustable Fax Parameters. These parameters, listed in the Parameter Table, are preset for you and do not need to be changed. If you do want to make a change, read the table carefully. Some parameters, such as the Resolution, Contrast, and Verification Stamp parameters, can be temporarily changed by simple key operation just before a transmission is made. When the transmission ends, however, these parameters return to their preset values (Home position). Other parameters can only be changed by the procedure described below.

Setting the Fax Parameters

INTERNET

Make sure that the INTERNET lamp is ON. If not, press 🌐 to select the "INTERNET MODE".

1   FUNCTION
⊞

```
SELECT A FUNCTION

DEFERRED COMM.     POLLING
ADVANCED COMM.     SELECT MODE
EDIT FILE MODE     PRINT OUT
SET MODE      EDIT PHONE BOOK
```

2   SET MODE   04 FAX PARAMETERS

```
FAX PARAMETERS
SELECT A FUNCTION

001 CONTRAST (HOME)
002 RESOLUTION (HOME)
003 ORIGINAL (HOME)
004 STAMP (HOME)
005 MEMORY (HOME)

◄ 01/33 ►   CANCEL    O K
```
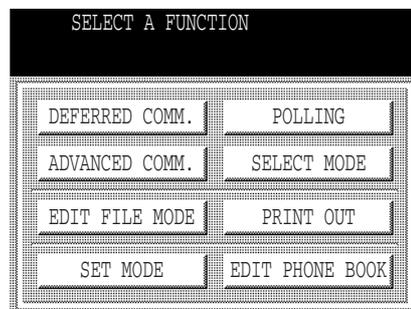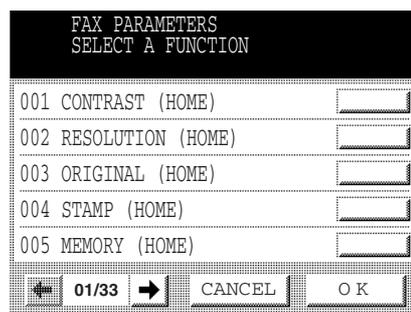
3   Press ◄ or ► to scroll the display to the desired Fax Parameter. (See pages 52 to 57)

Ex: 004 STAMP (HOME) or

Enter the Fax Parameter number directly from the keypad and press SET or START key.

4 Select the desired setting.

Ex: ON

```
      004 STAMP (HOME)


   OFF       ON


                   CANCEL    O K
```

5 OK
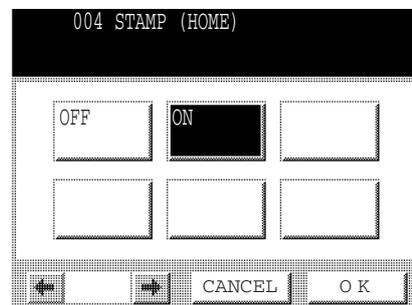
To advance to the next parameter, press CANCEL
to return to Step 3 or press STOP to return to
standby.

NOTE

1. *To scroll the display to the desired Fax Parameters in Step 3, press ◄ or ►.*
2. *To print a Fax Parameter List, see page 126.*

52

Customizing Your Machine

Fax Parameter Table

No.	Parameter	Setting Number	Setting	Comments
001	CONTRAST	1	Lighter	Setting the home position for the CONTRAST.
		*4	Normal	
		7	Darker	
002	RESOLUTION	1	Standard	Setting the home position for the RESOLUTION.
		*2	Fine	
		3	S-Fine	
003	ORIGINAL	*1	Text	Setting the home position for the ORIGINAL.
		2	Text/Photo	
		3	Photo	
004	STAMP	*1	Off	Setting the home position of the STAMP. To select the stamp function when the document is stored in memory, see Fax Parameter No. 028.
		2	On	
005	MEMORY	1	Off	Setting the home position for the MEMORY.
		*2	On	
006	DIALING METHOD	1	Pulse	Selecting the dialing method. (Select Line-1 or Line-2 first, if you have the 2nd G3 Fax Communication Port Kit installed)
		*2	Tone	
007	HEADER PRINT	*1	Inside	Selecting the printing position of the header. **Inside** : Inside TX copy area. **Outside** : Outside TX copy area. **No print**: Header does not print.
		2	Outside	
		3	No print	
008	HEADER FORMAT	*1	Logo, ID No.	Selecting the header format.
		2	From To	
009	RCV'D TIME PRINT	*1	Invalid	Selecting whether the machine prints the received date & time, remote ID, percentage of reduction and page number on the bottom of each received document.
		2	Valid	
010	KEY/BUZZER VOLUME	1	Off	Selecting the volume of the Key/Buzzer tone.
		*2	Soft	
		3	Medium	
		4	Loud	
012	COMM. JOURNAL	1	Off	Selecting the home position for the printing mode of the COMM. Journal Off/Always/Inc. Only **Off** : Does not print **Always** : Always prints **Inc. Only**: Prints only when communication has failed.
		2	Always	
		*3	Inc. Only	
013	AUTO JOURNAL PRINT	1	Invalid	Selecting whether the machine prints the journal automatically after every 100 transactions.
		*2	Valid	
014	FILE ACCEPTANCE REPORT	*1	Invalid	Selecting whether the machine prints the file acceptance journal. If you set this parameter to Valid, a report will print after the document is stored into memory.
		2	Valid	

Customizing Your Machine

No.	Parameter	Setting Number	Setting	Comments
017	RECEIVE MODE	1	Manual	Setting the reception mode to automatic or manual.
		*2	Auto	
022	SUBSTITUTE RCV	1	Invalid	Selecting whether the machine receives to memory when the recording paper runs out, toner runs out or the recording paper is jammed.
		*2	Valid	
024	PRINT REDUCTION	1	Fixed	Selecting the print reduction mode. **Fixed** : Reduce received document according to setting of Parameter No. 025. **Auto** : Reduce received document according to the length of received originals.
		*2	Auto	
025	REDUCTION RATIO	70	70%	Selecting the fixed print reduction ratio from 70% to 100%. This parameter functions only when the fixed print reduction is selected on Fax Parameter No. 024.
		----	----	
		100	100%	
026	POLLING PASSWORD		(----)	Setting a 4-digit password for secured polling.
027	POLLED FILE SAVE	*1	Invalid	Selecting whether the machine retains the polled document(s) in memory even after the document(s) is polled once.
		2	Valid	
028	STAMP AT MEM. XMT	1	Invalid	Selecting whether the machine stamps the originals when storing into memory. (Depending on the Stamp setting on the Control Panel)
		*2	Valid	
031	INCOMPLETE FILE SAVE	*1	Invalid	Selecting whether the machine retains the document in memory if it is not successfully transmitted.
		2	Valid	
033	XMT REDUCTION	1	Invalid	Selecting whether the machine performs reduction when the transmitting original is wider than the recording paper used at the receiving machine.
		*2	Valid	
036	RING PATTERN DETECT (DRD) (See Note 2)	*1	Invalid	All ring patterns.
		2	Valid	Select a ring pattern for automatic answering. (Select Line-1 or Line-2 first, if you have the 2nd G3 Fax Communication Port Kit installed) **1: A** Standard ring pattern. **2: B** Double ring pattern. **3: C** Triple ring pattern (Short-Short-Long). **4: D** All other triple ring patterns, except the type C described above.
037	RCV TO MEMORY		(----)	Enter a 4-digit password for printing the received document(s) in memory by using FUNCTION SELECT MODE ▶ 06 RCV TO MEMORY. When 06 RCV TO MEMORY is set to ON, this parameter is not selectable on the LCD display.
038	ACCESS CODE		(----)	Enter a 4-digit Access Code to secure the machine from unauthorized use.
039	PIN CODE ACCESS	*1	None	Selecting the access method (Prefix or Suffix) to dial a number with PIN Code.
		2	Suffix	
		3	Prefix	

54

Customizing Your Machine

No.	Parameter	Setting Number	Setting	Comments
042	CONF. POLLED FILE SAVE	*1	Invalid	Selecting whether the machine saves the confidential polled file even after the file is polled once.
		2	Valid	
043	PASSWORD-XMT	*1	Off	Setting a 4-digit XMT-Password and selecting whether the machine performs and checks the XMT-Password of the receiving station when transmitting.
		2	On	
044	PASSWORD-RCV	*1	Off	Setting a 4-digit RCV-Password and selecting whether the machine performs and checks the RCV-Password of the transmitting station when receiving.
		2	On	
046	SELECT RCV	*1	Invalid	Selecting whether the machine performs selective reception.
		2	Valid	
052	DIAGNOSTIC PASSWORD		(----)	Setting the password for Remote Diagnostic Mode. Please ask your Panasonic Authorized Dealer for details.
053	SUB-ADDRESS PASSWORD		(----)	Setting a 20-digit password for secured sub-address communication.
054	FAX FORWARD	*1	Invalid	Selecting whether the machine performs FAX Forwarding to the specified destination. (See page 94)
		2	Valid	
056	COVER SHEET	*1	Off	Setting the home position for the Cover Sheet parameter in the Select Mode.
		2	On	
063	PC-FAX RCV MODE (See Note 3)	*1	Print	Selecting how the machine will execute the receiving Fax document(s). **Print** : Print the received document(s). **Upload & Print** : Print the received document(s) and upload it's file. **Upload** : Upload the received document file.
		2	Upload & Print	
		3	Upload	
077	DEPARTMENT CODE	*1	Invalid	Selecting whether the machine performs the Department Code operation.
		2	Valid	
078	ROTATION XMT	1	Invalid	Selecting whether the machine performs rotation transmission.
		*2	Valid	
082	QUICK MEMORY XMT	1	Invalid	Selecting whether the machine performs Quick Memory Transmission. **Invalid**: Stores all documents into memory first before dialing the telephone number. **Valid** : Starts dialing the telephone number immediately after storing the first page.
		*2	Valid	
085	RCV OUTPUT TRAY	*1	Inner 1	Selecting the Output Tray home position for received document(s). **Inner 1** : Received document(s) exit to the Bottom Output Tray. **Inner 2** : Received document(s) exit to the Upper Output Tray (Blue).
		2	Inner 2	
		3	Outer	
086	RINGER VOLUME	1	Off	Setting the home position of the ringer volume when your machine receives a call.
		*2	Soft	
		3	Medium	
		4	Loud	

55

Customizing Your Machine

No.	Parameter	Setting Number	Setting	Comments
088	LINE SELECTION (See Note 4)	*1	Auto	Setting the home position for the Telephone Line selection. **Auto** : Selects the available telephone line for transmission automatically. **Line 1**: Selects this as the default telephone line, unless manually selecting an alternate phone line. **Line 2**: Selects this as the default telephone line, unless manually selecting an alternate phone line.
		2	Line 1	
		3	Line 2	
089	LIST OUTPUT TRAY	*1	Inner 1	Selecting the Output Tray home position for List printout. **Inner 1** : The List printout exits to the Bottom Output Tray. **Inner 2** : The List printout exits to the Upper Output Tray (Blue).
		2	Inner 2	
		3	Outer	
095	DUPLEX PRINT	*1	Invalid	Selecting whether the machine performs duplex print.
		2	Valid	
097	SPECIAL TRAY No. 1 - 3	*1	None	Select up to 3 Special Trays that will not be used for printing received faxes (4-Tray configuration). One Tray must always be available for receiving faxes. (You can specify one Tray (1 ~ 4) for each selection No. 1, No. 2 and/or No. 3)
		2	Tray 1	
		3	Tray 2	
		4	Tray 3	
		5	Tray 4	
099	MEMORY SIZE (Flash Memory)	-	-	Displays the amount of base and optional memory installed. (Base Memory + Optional Memory)
140	LAN RELAY XMT REQUEST	*1	Invalid	Selecting whether the machine performs LAN Relay XMT Request.
		2	Valid	
141	LAN XMT REDUCTION	*1	Invalid	Selecting whether to automatically reduce from LEDGER / B4 to A4, when LEDGER / B4 documents are transmitted via LAN. **Invalid** : No reduction **Valid** : Automatic reduction from LEDGER / B4 to A4
		2	Valid	
142	RELAY XMT (a.k.a. LAN RELAY STATION on UF-770i)	1	Invalid	Selecting whether the machine accepts and performs G3 relayed transmission. (Relay Station Functions)
		*2	Valid	
143	RELAY XMT REPORT	1	Off	Setting how the COMM. Journal for relayed transmission is sent to the originator. **Off** : Don't send. **Always** : Always send. **Inc. Only**: Send only if communication has failed.
		*2	Always	
		3	Inc. Only	
144	EMAIL CHARACTER SET	1	Japanese	Selecting the Character Set when receiving or sending email text.
		*2	English	
145	SENDER SELECTION	*1	Invalid	Selecting a pre-programmed sender's name and email address before each transmission. (See page 83)
		2	Valid	
146	POP TIMER	--	0 to 60 min.	Setting the time interval for the machine to check for email on the POP Server. (0 = Does not check the POP Server for email.)
		3	*3 min.	
147	AUTO POP RCV	1	Invalid	Selecting whether the machine automatically downloads an email from the POP Server.
		*2	Valid	
148	DELETE POP RCV EMAIL	1	Invalid	Selecting whether the email will be deleted automatically after retrieval from the POP Server.
		*2	Valid	

Customizing Your Machine

No.	Parameter	Setting Number	Setting	Comments
149	DELETE POP ERR EMAIL	*1	Invalid	Selecting whether to delete the email that includes an incompatible file attachment from the POP Server.
		2	Valid	
150	IFAX RETURN RECEIPT	1	Invalid	Selecting whether to send a return receipt when receiving from another Panafax Internet Fax.
		*2	Valid	
151	EMAIL HEADER FORMAT	1	All	Selecting the header information to print when an email is received. (Normally used for Troubleshooting. It shows the path of the email transmission before arriving at the DP-2500/3000.)
		*2	Subject/From/To	
		3	Off	
152	SUB-ADDRESS ROUTING	*1	Invalid	Selecting whether to automatically route a received fax or email using ITU-T sub-address.
		2	Valid	
153	TSI ROUTING	*1	Invalid	Selecting whether to route a received fax to a telephone number or an email address preprogrammed in Phone Book using the originating fax's Numeric ID (TSI frame information).
		2	Valid	
154	ROUTING HEADER FORMAT	*1	Originator	Selecting the type of email header to be included in the "From" field of each routed faxes. **Originator** : The originating fax machine's TSI will appear in the "From:" field of the routed email. **Relay Station**: The routing station's email address will appear in the "From:" field of the routed email.
		2	Relay Station	
155	PRINT ROUTED DOCUMENT	*1	Inc. only	Selecting whether a received fax to be routed is always printed or only when the routing operation fails.
		2	Always	
156	PRINT FORWARDED DOCUMENT	*1	Inc. only	Selecting whether a memory received fax or email to be forwarded is always printed or only when forwarding is incomplete.
		2	Always	
157	TRANSACTION JOURNAL	*1	Invalid	Selecting whether the machine sends a transaction journal to the pre-programmed email address.
		2	Valid	
158	PC REMOTE UPDATE	*1	Invalid	Selecting whether the machine will accept commands from an email application, to: (See pages 28 to 43) (a) Program the Internet Parameters (b) Program the Auto Dialer (c) Allow retrieval of the Journal
		2	Valid	
159	SUBJECT LINE ENTRY	*1	Invalid	Selecting whether the "Subject" line can be programmed during each transmission.
		2	Valid	
160	DEFAULT DOMAIN	1	Invalid	Selecting whether the machine accepts to insert the Default Domain (see page 27) when entering Manual Number Dialing.
		*2	Valid	
161	DNS SERVER	1	Invalid	Selecting whether to use the DNS Server for the Internet communication.
		*2	Valid	
162	TIFF VIEWER URL	1	None	Selecting whether to include the URL address in the email message body.
		*2	English	
		3	English +Japanese	

No.	Parameter	Setting Number	Setting	Comments
163	ROUTING HEADER	*1	Invalid	Selecting whether to add the Header Print information of the Routing Station on the top edge of each routed pages.
		2	Valid	
164	IFAX XMT HEADER (Email only)	*1	Included	Selecting whether to include the header when sending a document to an addressee in the same Domain as specified in the Default Domain parameter. (This is useful when using the machine to scan documents back to your PC).
		2	Not included	**Note:** When sending to a Domain other than as specified in the Default Domain parameter, the header will be included regardless of the selection.

NOTE

1. *Setting number marked with an asterisk (*) indicates the factory standard setting.*
2. *This parameter supports an optional telephone service "Distinctive Ring Service" provided by your local telephone company. It allows up to 4 different telephone numbers to be assigned on a single telephone line with a distinctive ring for each telephone number. By selecting the appropriate ring pattern associated with the telephone number assigned for your fax machine. It can differentiate and answer the incoming call on the fax number. All other calls on the other telephone numbers will not be answered. This optional service from your local phone company is also called Custom Ringing, Distinctive Ringing, Ident-a-call, Ident-a-ring, Personalized Ringing, RingMaster, RingMate, Selective Ringing, Smart Ring or something similar. Check with your local telephone company on the availability of this service in your area.*
3. *This parameter is available only when the Parallel Port Interface Kit is installed.*
4. *This parameter is available only when the 2nd G3 Fax Communication Port Kit is installed.*

Sending Documents via LAN

Document(s) can be sent via LAN to a single or multiple email addresses.

The following Email Addressing methods can be selected:

- • **Manual Email Addressing**
- • **Phone Book Email Addressing**
- • **Multiple Station Email Addressing**

Memory Transmission mode is always selected when sending document(s) to an email address via LAN.

The document is always stored into memory first, then the machine starts to send the email message.

Direct Transmission, Voice Mode Transmission, and Redialing features are not available for sending documents via LAN.

Manual Email Addressing

To enter the email address manually, follow the steps below.

INTERNET

Make sure that the INTERNET lamp is ON. If not, press ⊕ to select the "INTERNET MODE".
 (See Note 1)

1a

Place original(s) face up on the ADF.

or

1b

Place a book or an original face down on the Platen Glass.

```
OCT-12-2000 15:00          00%
READY TO FAX
ORIGINAL SET
 ABC │ DEF │ GHI │ JKL │ MNO │ ►
─Email──────     ─Email──────
AMERICA  │ASIA     │CHINA    │
AFRICA   │BERLIN   │         │      ⬆
─Email──────  ─Email──────
ANTARCTICA│BRAZIL  │         │     1/1
─Email──────  ─Email──────
APOLLO   │CANADA   │         │      ⬇
 JOB   │ ⌨    │ Ⓐ ⊞  │          ▄  ▄
STATUS │KEYBOARD│ORIGINAL│ ❮LIGHTER┊DARKER❯
```

2

KEYBOARD

```
ENTER EMAIL ADDRESS STN(S):000


Caps │Symbols│@...│ ⬇ ⬆ ◄ ► │Back
                                space
Q │W│E│R│T│Y│U│I│O│P
 A │S│D│F│G│H│J│K│L
@ │Z│X│C│V│B│N│M│.│_
        CANCEL │  O K
```
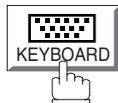
3a Enter the full email address by using the QWERTY keyboard. (Up to 60 digits) If you make a mistake, press CLEAR to erase the incorrect character then re-enter a correct one.

Ex: abc@panasonic.com

```
ENTER EMAIL ADDRESS STN(S):000
abc@panasonic.com

Caps  Symbols  @...  ↓  ↑  ◄  ►  Back space

 Q  W  E  R  T  Y  U  I  O  P
  A  S  D  F  G  H  J  K  L
 @  Z  X  C  V  B  N  M  .  _

        CANCEL      O K
```

or

3b Enter the User portion of the email address and press ⬚OK⬚, the machine will complete the email address with the Default Domain preprogrammed in the User (Internet) Parameters. (i.e. will add "@panasonic.com" to the email address) (See Note 4)

Ex: abc

```
MEMORY XMT               NO.297
PAGE=   01                 00%
abc@panasonic.c
ABC    DEF    GHI    JKL    MNO    ►
AMERICA   ASIA     CHINA
AFRICA    BERLIN                    ⬆
ANTARCTICA BRAZIL                  1/1
APOLLO    CANADA                    ⬇
JOB      ⌨       [A] ⊞   
STATUS KEYBOARD  ORIGINAL (LIGHTER DARKER)
```

or

3c If you want to send to a different Domain, press ⬚@...⬚ to display a Selectable Domains list. Choose the desired domain and press ⬚DONE⬚. (See Note 5 and page 66)

```
MEMORY XMT          STN(S):000
abc@abc-net.wxy.com_

01 mgcs.co.jp              ⬚   ⬚
02 rdmg.mgcs.mei.co.jp     ⬚   ⬚
03 abc-net.wxy.com         ⬚   ⬚
04 KJHGF.qwe.net           ⬚   ⬚
  ⬅ 01/03 ➡          DONE
```

4 ⬚OK⬚
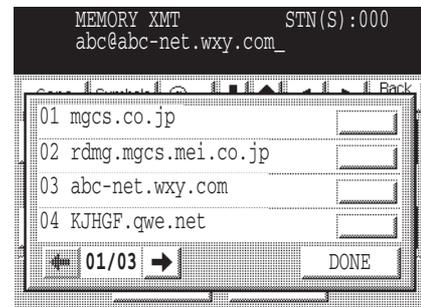
You can add up to 70 additional full email addresses.

BASIC OPERATIONS

5

START

The document(s) begin to store into memory with a file number.
Then starts connecting to the LAN immediately after storing the first page. (See Note 6)
While sending the document(s) via LAN, the remaining page(s) continue to store into memory.

```
MEMORY XMT              NO.026
PAGE=    01               00%
abc@panasonic.com
```

ABC	DEF	GHI	JKL	MNO	▶

Email	Email	Email	
AMERICA	ASIA	CHINA	
AFRICA	BERLIN		⬆
ANTARCTICA	BRAZIL		1/1
APOLLO	CANADA		⬇

JOB STATUS	KEYBOARD	ORIGINAL	LIGHTER	DARKER

NOTE

1. *If your machine sounds an alarm (pi-pi-pi) when pressing the KEYBOARD Button or any Phone Book entries that contain an email address, one or more of the required 5 Basic Internet Parameters may have been omitted in the User (Internet) Parameter(s). (See page 25)*

2. *If you want to specify two or more destinations, press* OK *or after completing the full email address so you can select another destination.*

3. *If the transmission can not be completed for any reason, the email may be returned undelivered, otherwise no reply will be printed.*

4. *For the machine to perform the email address completion the Fax Parameter No. 160 (DEFAULT DOMAIN) must be set to "Valid" and the DEFAULT DOMAIN must be preprogrammed in the Setting the Internet Parameters (see page 57).*

5. *To use the* @... *key efficiently, the Selectable Domains must first be preprogrammed in the User (Internet) Parameters (see page 27).*

6. *The "Quick Memory Transmission" is disabled if multipe stations are set.*

Sending Documents via LAN

Phone Book Email Addressing

Phone Book Addressing allows you to send email(s) by entering the full email address with a single key. To use this method, you must first pre-program the email addresses into the Phone Book.

Make sure that the INTERNET lamp is ON. If not, press INTERNET ⊕ to select the "INTERNET MODE".
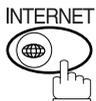
1a
Place original(s) face up on the ADF.

or

1b
Place a book or an original face down on the Platen Glass.
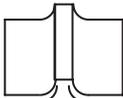
```
OCT-12-2000 15:00
READY TO FAX
ORIGINAL SET
┌─────┬─────┬─────┬─────┬─────┬───┐
│ ABC │ DEF │ GHI │ JKL │ MNO │ ▶ │
└─────┴─────┴─────┴─────┴─────┴───┘
 Email            Email
┌──────────┬──────────┬──────────┐
│ AMERICA  │ ASIA     │ CHINA    │
├──────────┼──────────┼──────────┤
│ AFRICA   │ BERLIN   │          │  ⬆
 Email       Email
├──────────┼──────────┼──────────┤
│ANTARCTICA│ BRAZIL   │          │ 1/1
 Email       Email
├──────────┼──────────┼──────────┤
│ APOLLO   │ CANADA   │          │  ⬇
└──────────┴──────────┴──────────┘
 JOB    KEYBOARD  ORIGINAL  LIGHTER DARKER
STATUS
```

2
Press the appropriate Index Tab.

Ex: ▶   PQRS

```
OCT-12-2000 15:00    00%
READY TO FAX
ORIGINAL SET
┌──┬──────┬─────┬─────┬──────┬───────┐
│◀ │ PQRS │ TUV │WXYZ │Others│PROGRAM│
│  │      │     │     │      │ DIAL  │
└──┴──────┴─────┴─────┴──────┴───────┘
 Email
┌──────────┬──────────┬──────────┐
│ PANASONIC│          │          │
 Email
├──────────┼──────────┼──────────┤
│SALES DEPT│          │          │  ⬆
├──────────┼──────────┼──────────┤
│          │          │          │ 1/1
├──────────┼──────────┼──────────┤
│          │          │          │  ⬇
└──────────┴──────────┴──────────┘
 JOB    KEYBOARD  ORIGINAL  LIGHTER DARKER
STATUS
```
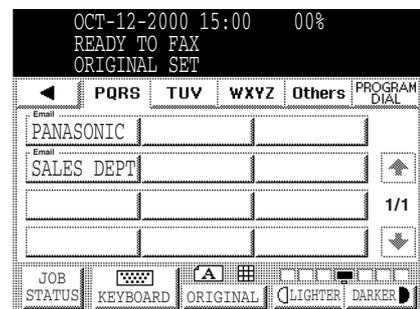
3
Press the key name for the desired station.
(Note: The word "Email" above the key name, indicates that the key contains an email address)

Ex: _{Email} PANASONIC

```
MEMORY XMT         STN(S):001
PANASONIC
abc@panasonic.com
┌──┬──────┬─────┬─────┬──────┬───────┐
│◀ │ PQRS │ TUV │WXYZ │Others│PROGRAM│
│  │      │     │     │      │ DIAL  │
└──┴──────┴─────┴─────┴──────┴───────┘
 Email
┌──────────┬──────────┬──────────┐
│ PANASONIC│          │          │
 Email
├──────────┼──────────┼──────────┤
│SALES DEPT│          │          │  ⬆
├──────────┼──────────┼──────────┤
│          │          │          │ 1/1
├──────────┼──────────┼──────────┤
│          │          │          │  ⬇
└──────────┴──────────┴──────────┘
 JOB    KEYBOARD  ORIGINAL  LIGHTER DARKER
STATUS
```
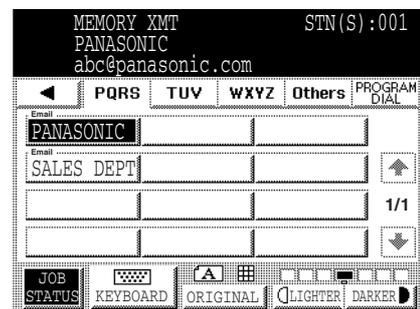
4
If the key name for the station that you want to send to is not displayed on the LCD, press ⬆ or ⬇ to scroll to the desired display page.
You can select multiple destinations (up to 270).
(Manual Email Addressing: 70 stations, Phone Book Addressing : 200 stations)

5

The document(s) begin to store into memory with a file number.
Then starts connecting to the LAN immediately after storing the first page. (See Note 3)
While sending the document(s) via LAN, the remaining page(s) continue to store into memory.

NOTE

1. *If the transmission cannot be completed for any reason, the email may be returned undeliveredl; otherwise no reply will be printed.*
2. *The unit will accept a combination of email addresses and PSTN dialing numbers.*
3. *The "Quick Memory Transmission" is disabled if multipe stations are set.*

64

Sending Documents via LAN

Multiple Email Station Addressing (Broadcasting)

You can store the document(s) into memory and then send to multiple destinations (up to 270 stations) via LAN.

Make sure that the INTERNET lamp is ON. If not, press the INTERNET button to select the "INTERNET MODE".

1 Set document(s).

You can temporarily change the transmission setting.

```
OCT-12-2000 15:00
READY TO FAX
ORIGINAL SET
ABC   DEF   GHI   JKL   MNO   ▶
 Email          Email
AMERICA   ASIA    CHINA
 Email          Email
AFRICA    BERLIN                    ⬆
 Email          Email
ANTARCTICA BRAZIL                  1/1
 Email          Email
APOLLO    CANADA                    ⬇
JOB      KEYBOARD  ORIGINAL  LIGHTER DARKER
STATUS
```

2 Enter email addresses by any combination of the following methods:

- Manual Email Addressing, press SET after each station is entered. (Up to 70 stations)
- Phone Book Email Addressing. (Up to 200 stations)

```
MEMORY XMT              STN(S):001
PANASONIC
abc@panasonic.com
◀   PQRS   TUV   WXYZ   Others  PROGRAM
                                 DIAL
 Email
PANASONIC
 Email
SALES DEPT                         ⬆
                                  1/1
                                   ⬇
JOB      KEYBOARD  ORIGINAL  LIGHTER DARKER
STATUS
```

3 OK START
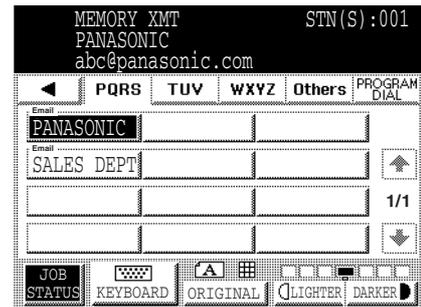
The document(s) is stored into memory with a file number.

Then starts connecting to the LAN immediately after storing the first page. (See Note 4)

While sending the document(s) via LAN, the remaining page(s) continue to store into memory.

NOTE

1. *If your machine sounds an alarm (pi-pi-pi) at Step 2, this indicates that the Dialer is Full (more than 70 transmission reservations including G3 communication have been already reserved).*
2. *If the transmission cannot be completed for any reason, the email may be returned undeliveredl; otherwise no reply will be printed.*
3. *The unit will accept a combination of email addresses and PSTN dialing numbers.*
4. *The "Quick Memory Transmission" is disabled if multipe stations are set.*

Selectable Domains Key @...

Using the Selectable Domains key @... speeds the process of completing the email address by attaching often used Domain Names.
- Advance registration of up to 10 often used domain names into the **"Selectable Domain"** list is required. (See page 27)

Ex: Completing the "matsushita" email address with "@mgcs.co.jp" registered in the Selectable Domains key @... is shown below:

Make sure that the INTERNET lamp is ON. If not, press ⊕ to select the "INTERNET MODE".

1a

Place original(s) face up on the ADF.

or

1b

Place a book or an original face down on the Platen Glass.

```
OCT-12-2000 15:00
READY TO FAX
ORIGINAL SET
ABC   DEF   GHI   JKL   MNO   ▶
Email                Email
AMERICA  ASIA     CHINA
AFRICA   BERLIN              ⬆
Email    Email
ANTARCTICA BRAZIL            1/1
Email    Email
APOLLO   CANADA              ⬇
JOB      KEYBOARD  A ⊞
STATUS   KEYBOARD  ORIGINAL (LIGHTER DARKER
```
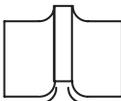
2

Type an email address using the QWERTY keyboard.

Ex: matsushita

```
ENTER EMAIL ADDRESS STN(S):000

Caps Symbols @... ⬇ ⬆ ◀ ▶ Back space
Q W E R T Y U I O P
A S D F G H J K L
@ Z X C V B N M . _
         CANCEL    O K
```

3 @... to display the Selectable Domains list.

Press the key associated with the domain name that you wish to use for completion of the email address.
(If you make a mistake selecting the domain name, simply press another key to replace the selected domain name).

Ex: [mgcs.co.jp]

```
MEMORY XMT           STN(S):000
matsushita@mgcs.co.j
p_
Caps Symbols @ ⬇ ⬆ ◀ ▶ Back
01 mgcs.co.jp
02 rdmg.mgcs.mei.co.jp
03 abc-net.wxy.com
04 KJHGF.qwe.net
⬅ 01/03 ➡              DONE
```

4 DONE
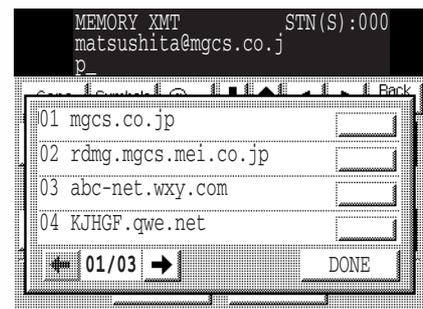
To specify other destinations, press OK after pressing DONE and add additional email addresses.

5 START
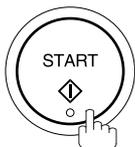
The document(s) begin to store into memory with a file number.
Then starts connecting to the LAN immediately after storing the first page. (See Note 3)
While sending the document(s) via LAN, the remaining page(s) continue to store into memory

---

NOTE

1. Press CANCEL to cancel the operation.
2. If the Fax Parameter No. 145 (SENDER SELECTION) setting is on "Valid", the Sender Selection screen appears after pressing START in step 5 above. Select the sender to be added to the "From:" field on the email and press START to start storing the document(s). The factory default setting for this parameter is on "Invalid".
3. The "Quick Memory Transmission" is disabled if multipe stations are set.

Internet Fax Ledger Size Document Transmission

When transmitting via LAN, the transmitter is incapable of identifying the receiver's recording paper size capability, and thus it will not reduce the document size during transmission. Therefore, it is recommended that you send only A4/Letter size documents for LAN transmission. If a Ledger size document is transmitted and the receiver is only able to print A4/Letter size documents, the communication will fail when the temporary setting "07 LEDGER EMAIL XMT" of the Select Mode is set to its default position (ON).

To send without reduction, follow the steps below.

Make sure that the INTERNET lamp is ON. If not, press ⊕ to select the "INTERNET MODE".

1a Place original(s) face up on the ADF.

or

1b Place a book or an original face down on the Platen Glass.

2 FUNCTION

```
SELECT A FUNCTION

DEFERRED COMM.      POLLING
ADVANCED COMM.      SELECT MODE
EDIT FILE MODE      PRINT OUT
SET MODE            EDIT PHONE BOOK
```

3 SELECT MODE ➡ 07 LEDGER EMAIL XMT

```
LEDGER EMAIL XMT
SELECT A FUNCTION

OFF      ON

CANCEL    O K
```

68
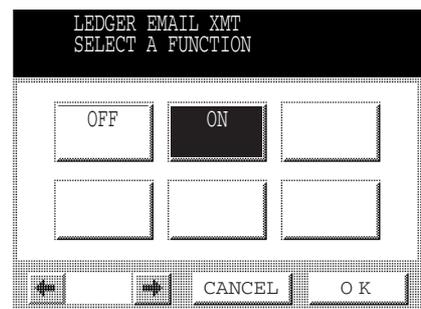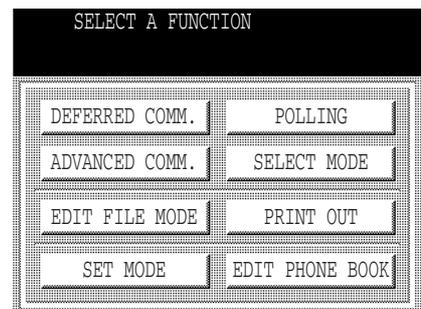
4 Make sure that the setting is on ON and press OK .
Dial by any combination of the following methods:
- Manual Email Addressing press SET after each station is entered. (Up to 70 stations)
- Phone Book Email Addressing. (Up to 200 stations)

```
MEMORY XMT                    STN(S):001
AMERICA
panasonic.usa@panasonic.com
ABC    DEF    GHI    JKL    MNO    ▶
Email                          Email
AMERICA   ASIA      CHINA
AFRICA    BERLIN                        ⬆
Email      Email
ANTARCTICA BRAZIL                      1/1
Email      Email
APOLLO    CANADA                        ⬇
JOB                  A   ⊞
STATUS  KEYBOARD  ORIGINAL  LIGHTER DARKER
```

5

```
START
```
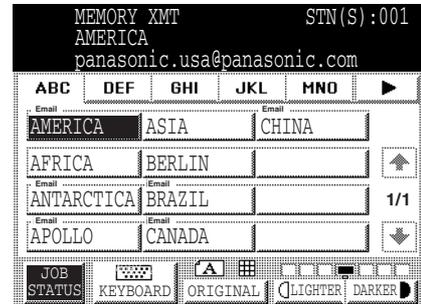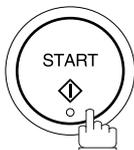
The document(s) is stored memory with a file number.
The machine then connects to the LAN and transmits the Ledger size document(s).
(After the document(s) are sent, the "07 LEDGER EMAIL XMT" Select Mode will automatically return to the preset position (ON).)

To send with reduction, follow the steps below.

Repeat Steps 1 to 5, except in Step 3, set the "07 LEDGER EMAIL XMT" setting to "OFF" position.

When the Select Mode "07 LEDGER EMAIL XMT" setting is set to the "OFF" position, the transmission reduction is according to the setting of Fax Parameter No. 141 (LAN XMT REDUCTION). (See the Table below)

LEDGER EMAIL XMT = ON : Transmits actual document size (without reduction).
LEDGER EMAIL XMT = OFF: Reduces LEDGER size document to B4 size or to A4/Letter before transmission. (According to the Fax Parameter No. 141 (LAN XMT REDUCTION) setting, see Table below)

| | Document Size Transmission | | |
| | | LEDGER EMAIL XMT = OFF | |
Document Size	LEDGER EMAIL XMT = ON	Fax Parameter No. 141 (LAN XMT REDUCTION) set to "Invalid"	Fax Parameter No. 141 (LAN XMT REDUCTION) set to "Valid"
LEDGER	LEDGER	B4	A4/Letter
B4	B4	B4	A4/Letter
A4/Letter	A4/Letter	A4/Letter	A4/Letter

NOTE

1. *Factory default setting for Fax Parameter No. 141 (LAN XMT REDUCTION) is "Invalid".*

BASIC OPERATIONS

Returned Email

When using the Internet communication mode, a failure report will print automatically for each transaction if the email is returned undelivered by the mail server. The printout will consist of the undelivered message contents supplied by the mail server and a portion of the first page's image for that particular transaction.

Failure Report Sample (User unknown)

```
Received: from localhost (localhost) by ifeif1.rdmg.mgcs.mei.co.jp (8.6.12/3.4W3) with
internal id OAA24381; Sun, 12 Nov 2000 14:52:57 +0900
Date: Sun, 12 Nov 2000 14:52:57 +0900
From: Mail Delivery Subsystem <MAILER-DAEMON@ifeif1.rdmg.mgcs.mei.co.jp>
Subject: Returned mail: User unknown
Message-Id: <200011120552.OAA24381@ifeif1.rdmg.mgcs.mei.co.jp>
To: <fax@nwpc31.rdmg.mgcs.mei.co.jp>

The original message was received at Sun, 12 Nov 2000 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 ifeif1.rdmg.mgcs.mei.co.jp (8.6.12/3.4W3) with SMTP id OAA24380 for <error@nwr39
.rdmg.mgcs.mei.co.jp>; Sun, 12 Nov 2000 14:52:54 +0900
Message-Id: <200011120552.OAA24380@ifeif1.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: Sun, 12 Nov 2000 14:49:00 +0900
From: "DP-2500" <fax@nwpc31.rdmg.mgcs.mei.co.jp>
Subject: IMAGE from Internet FAX
To: error@nwr39.rdmg.mgcs.mei.co.jp
```

```
                                5
NOV-12-2000  14:49         DP-2500                              P.01/01
```

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
Reading,
Berks.

Dear Pete,

    Permit me to introduce you to the facility of facsimile
transmission.

    In facsimile a photocell is caused to perform a raster scan over
the subject copy. The variations of print density on the document cause

Using a Mailing List

Using a Mailing List stored in the mail server simplifies the process of entering multiple locations and allows you to send to an unlimited number of email addresses with one easy operation.

Ask your Network System administrator for information on how to utilize the Mailing List.

Receiving Documents via LAN

The DP-2500/3000 offers you a choice to receive Fax documents unattended (by default) or manually over regular telephone lines.

The DP-2500/3000 also offers the same choice to receive and print Internet email messages via LAN unattended or manually when subscribing to a POP mail server. However, when the DP-2500/3000 is configured to receive email using SMTP protocol, the email can only be received and printed unattended.

Internet Fax Received on a PC

Figure 1: Outlook Express Inbox Sample
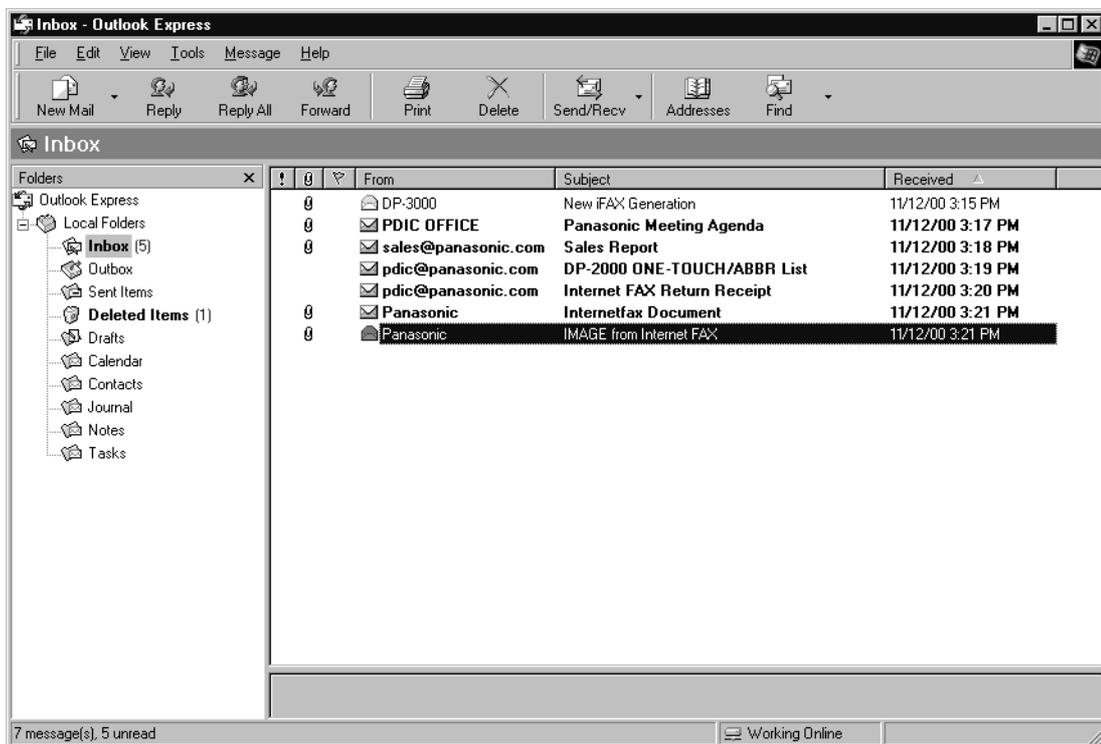
n The **"Subject"** column in the above example shows samples of email messages received on a PC from the DP-2500/3000, and Internet FAX.

n For your reference, the above example is from Outlook Express Inbox running under Microsoft® Windows 95®. If you are using a different email application software, please refer to your application's User Manual.

Receiving Documents via LAN

Figure 2: Internet Fax Received on a PC
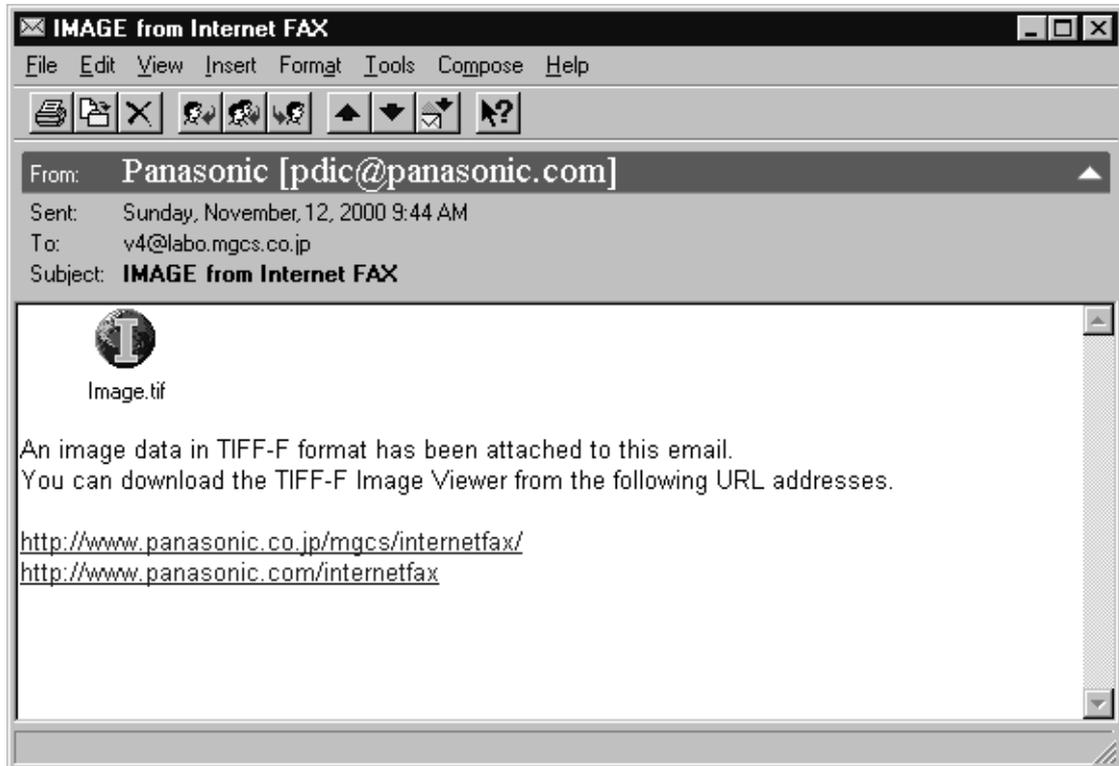
n For your reference, the above example is from Windows Messaging running under Microsoft® Windows 95®.

n 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, a handful of Viewers may not support this format.

n **You can download the TIFF-F Image Viewer into your PC from the following URL addresses:**

   http://www.panasonic.co.jp/mgcs/internetfax/

   http://www.panasonic.com/internetfax/

n License agreement of Panasonic's TIFF-F Image Viewer application
You must carefully read the license agreement before installing the TIFF-F Image 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.

Retrieving Email from a POP Server

The DP-2500/3000 offers a choice to retrieve and print Internet email messages via LAN unattended or manually when subscribing to a POP mail server.

Setting the POP Parameters

Set the parameters pertinent to the POP server (Fax Parameters Nos. 146 to 149).

No. 146 (POP TIMER): Enter the interval to check and retrieve email from the POP server (0 to 60 minutes). If "0 minutes" is entered, the POP server is not checked for mail.

No. 147 (AUTO POP RCV): When there is mail to be retrieved from the POP server, the DP-2500/3000 will retrieve it and print the email unattended. If this parameter is set to "1:Invalid", the machine will not retrieve it, but displays the number of mails on the POP server.

No. 148 (DEL POP RCV EMAIL): Select whether the email is deleted from the POP server after it is retrieved by the DP-2500/3000.

No. 149 (DEL POP ERR EMAIL): Select whether to delete the email from the POP server when the file attachment format is not supported.

To set the above POP parameters, follow the steps below.

INTERNET

Make sure that the INTERNET lamp is ON. If not, press ⊕ to select the "INTERNET MODE".

1 FUNCTION
⊠

```
  SELECT A FUNCTION

 DEFERRED COMM.      POLLING

 ADVANCED COMM.    SELECT MODE

 EDIT FILE MODE      PRINT OUT

    SET MODE      EDIT PHONE BOOK
```

2 SET MODE   04 FAX PARAMETERS

```
  FAX PARAMETERS
  SELECT A FUNCTION

 001 CONTRAST (HOME)
 002 RESOLUTION (HOME)
 003 ORIGINAL (HOME)
 004 STAMP (HOME)
 005 MEMORY (HOME)

 ⬅  01/33  ➡   CANCEL    O K
```

3 Press ⬅ or ➡ to scroll the display to the desired Fax Parameter.

146 POP TIMER

or

enter the Fax Parameter number directly from the keypad and press SET or START key.

```
146 POP TIMER

         0〜60
         03

  CANCEL        OK
```
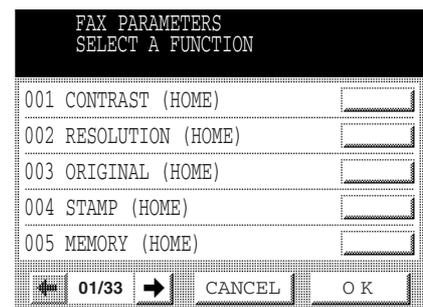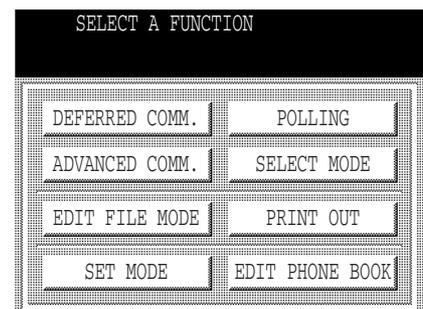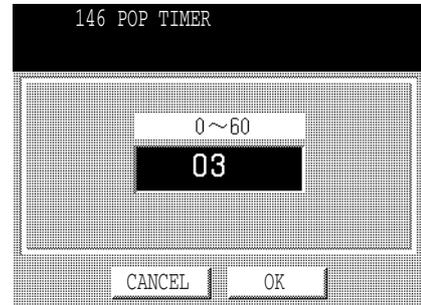
4 Enter the desired retrieval interval time (0 to 60 minutes) from the keypad and press OK.
If you make a mistake, press CLEAR to erase the time interval and then re-enter the correct value.
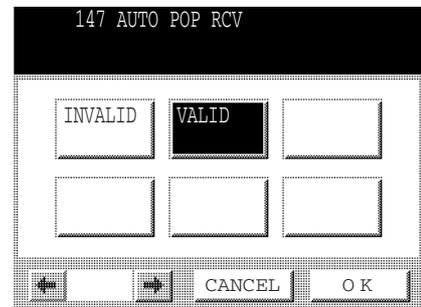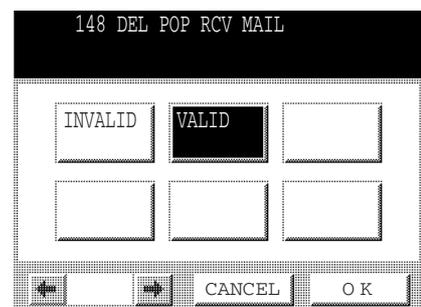
```
147 AUTO POP RCV

  INVALID   VALID



  ⬅    ➡   CANCEL    O K
```

5 Select the desired setting and press OK.

```
148 DEL POP RCV MAIL

  INVALID   VALID



  ⬅    ➡   CANCEL    O K
```

6 Select the desired setting and press OK.

```
149 DEL POP ERR MAIL

  INVALID   VALID



  ⬅    ➡   CANCEL    O K
```

BASIC OPERATIONS

7 Select the desired setting and press OK .

```
150 IFAX RET RECEIPT

┌─────────┐ ┌─────────┐ ┌─────────┐
│ INVALID │ │ VALID   │ │         │
└─────────┘ └─────────┘ └─────────┘
┌─────────┐ ┌─────────┐ ┌─────────┐
│         │ │         │ │         │
└─────────┘ └─────────┘ └─────────┘
 ◄━      ━►    CANCEL      O K
```

8

STOP
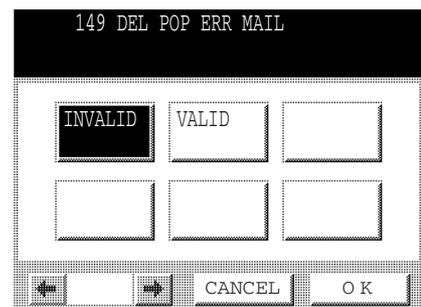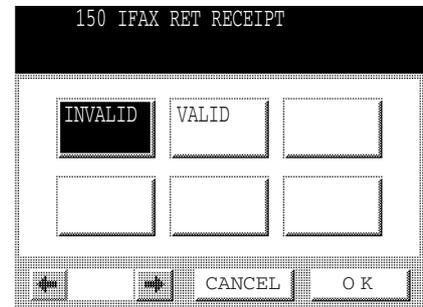
To return to standby.

NOTE

1. When an unsupported file attachment is received, an error message is printed to inform you that the file attachment could not be printed.

2. When Fax Parameter No. 148 (DEL POP RCV EMAIL) and/or Fax Parameter No. 149 (DEL POP ERR EMAIL) are set to "Invalid" email with errors will not be erased. This will allow you to retrieve this email from your PC later.

   Furthermore, if these Fax Parameters are set to "Invalid", you will need to delete mails from the POP server periodically. POP servers allocate a certain amount of space per account and if mail is not deleted regularly, your mail box will overflow and new incoming mail will be rejected.

   Either retrieve these mails from your PC or set the Fax Parameters to "Valid" triggering your DP-2500/3000 to receive, print and delete all the mails from the POP server. This procedure, however, might cause mail that had been printed before to print again.

Receiving Documents via LAN

Unattended Email Retrieval from the POP Server

When the Fax Parameter No. 146 (POP TIMER) is set to a value between 1 and 60 minutes, and Fax Parameter No. 147 (AUTO POP RCV) is set to "Valid", the machine will query the POP server at the specified interval for new mail.
Any mail on the POP server is retrieved and printed unattended.

When the Fax Parameter No. 146 (POP TIMER) is set to "0", the machine will not query the POP server and the mail is not retrieved automatically. With this setting, mail must be retrieved manually from the POP server.

When the Fax Parameter No. 147 (AUTO POP RCV) is set to "Invalid", the machine will query the POP server for new mail at the interval specified by Fax Parameter No. 146. If new mail has arrived at POP server, the machine will not retrieve it, but displays the number of mails on the POP server.

Manual Email Retrieval from the POP Server

To manually retrieve email from the POP server, follow the steps below:

Make sure that the INTERNET lamp is ON. If not, press (INTERNET icon) to select the "INTERNET MODE".

1

START

```
OCT-12-2000 15:00   00%
READY TO FAX

ABC   DEF   GHI   JKL   MNO   ►
Email          Email
AMERICA   ASIA      CHINA
AFRICA    BERLIN                  ⬆
Email     Email
ANTARCTICA BRAZIL                1/1
Email     Email
APOLLO    CANADA                  ⬇
JOB      KEYBOARD  ORIGINAL  LIGHTER DARKER
STATUS
```

2 If the POP server has not received any new mail, the following message is displayed.

```
POP PCV
NO NEW MAIL

ABC   DEF   GHI   JKL   MNO   ►
Email          Email
AMERICA   ASIA      CHINA
AFRICA    BERLIN                  ⬆
Email     Email
ANTARCTICA BRAZIL                1/1
Email     Email
APOLLO    CANADA                  ⬇
JOB      KEYBOARD  ORIGINAL  LIGHTER DARKER
STATUS
```

Continued on the next page...
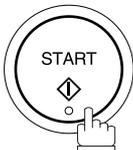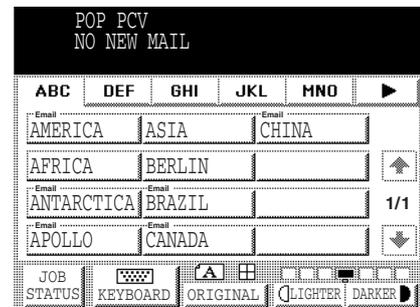
3 If POP server received new mail, the machine will display the number of mails on the server, then will retrieve and print the email.

```
OCT-12-2000 15:00    00%
1 NEW MAIL(S)

ABC   DEF   GHI   JKL   MNO    ▶
┌Email──────────────┬Email────┐
│AMERICA │ASIA      │CHINA │
├────────┼──────────┼──────┤    ⬆
│AFRICA  │BERLIN    │      │
├Email───┼Email─────┼──────┤
│ANTARCTICA│BRAZIL  │      │   1/1
├Email───┼Email─────┼──────┤
│APOLLO  │CANADA    │      │    ⬇
JOB     [⌨]    [A][⊞]  ▭▭▭■▭▭
STATUS KEYBOARD ORIGINAL LIGHTER DARKER
```

```
RCV
ON LINE(LAN)
abc@panasonic.com

ABC   DEF   GHI   JKL   MNO    ▶
┌Email──────────────┬Email────┐
│AMERICA │ASIA      │CHINA │
├────────┼──────────┼──────┤    ⬆
│AFRICA  │BERLIN    │      │
├Email───┼Email─────┼──────┤
│ANTARCTICA│BRAZIL  │      │   1/1
├Email───┼Email─────┼──────┤
│APOLLO  │CANADA    │      │    ⬇
JOB     [⌨]    [A][⊞]  ▭▭▭■▭▭
STATUS KEYBOARD ORIGINAL LIGHTER DARKER
```

▼

```
MEMORY RCV'D DOC
* PRINTING *

ABC   DEF   GHI   JKL   MNO    ▶
┌Email──────────────┬Email────┐
│AMERICA │ASIA      │CHINA │
├────────┼──────────┼──────┤    ⬆
│AFRICA  │BERLIN    │      │
├Email───┼Email─────┼──────┤
│ANTARCTICA│BRAZIL  │      │   1/1
├Email───┼Email─────┼──────┤
│APOLLO  │CANADA    │      │    ⬇
JOB     [⌨]    [A][⊞]  ▭▭▭■▭▭
STATUS KEYBOARD ORIGINAL LIGHTER DARKER
```

NOTE

1. *If you program a POP User Name and POP Password in the Program Dial key, you can retrieve email from the POP server using a user name other than the name set as the user parameter.*
2. *The number of emails that can be retrieved during a single operation is 20. Even if POP server has more than 20 emails, only 20 will be displayed on the machine. After retrieving the first 20 emails, repeat the procedure from beginning to ensure all emails were retrieved from the POP server.*

Program Keys

Setting the POP Email Retrieval Key

This function allows others to share the DP-2500/3000 to retrieve their emails from the POP server by preprogramming their POP User Names and POP Passwords into the Program Dial keys. They will be able to retrieve their emails by simply pressing the associated Program Dial key. (See Note 1)

INTERNET

Make sure that the INTERNET lamp is ON. If not, press ⊕ to select the "INTERNET MODE".

1   FUNCTION
⊠

```
SELECT A FUNCTION

DEFERRED COMM.        POLLING

ADVANCED COMM.      SELECT MODE

EDIT FILE MODE       PRINT OUT

  SET MODE        EDIT PHONE BOOK
```

2   SET MODE   03 PROGRAM KEYS

```
       PROGRAM KEYS
       SELECT A FUNCTION

01 GROUP DIAL              _____
02 PROGRAW DIAL            _____
03 MODIFY GROUP DIAL       _____
04 DELETE PROGRAM/GRP      _____
05 MANUAL POP RCV          _____

  ⟵        ⟶     CANCEL       OK
```

3   05 MANUAL POP RCV

```
       POP USER NAME
       ENTER NAME

Caps  Symbols  @...  ↓ ↑ ◀ ▶  Back
                                space
Q  W  E  R  T  Y  U  I  O  P

 A  S  D  F  G  H  J  K  L

@  Z  X  C  V  B  N  M  .  _

       CANCEL      O K
```

Continued on the next page...
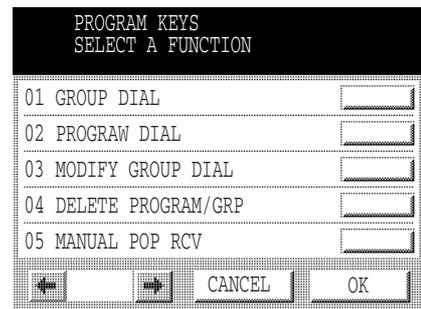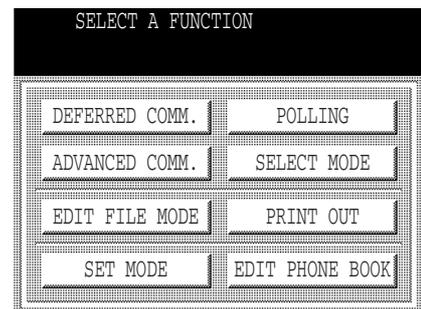
ADVANCED
FEATURES

4 Enter the POP user name (up to 40 characters) and press ⬜ OK ⬜.

Ex: POP1 ⬜ OK ⬜

```
POP USER NAME
ENTER KEY NAME

Caps │ Symbols │ @... │ ↓ │ ↑ │ ◄ │ ► │ Back space
Q │ W │ E │ R │ T │ Y │ U │ I │ O │ P
A │ S │ D │ F │ G │ H │ J │ K │ L
@ │ Z │ X │ C │ V │ B │ N │ M │ . │ _
            CANCEL        O K
```
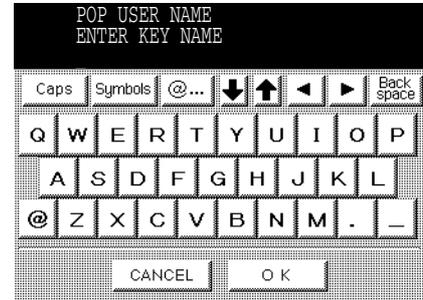
5 Enter the POP key name (up to 10 characters) and press ⬜ OK ⬜. (By default, the POP key name is the first 10 characters of the POP user name. If you do not want to change it, press ⬜ OK ⬜.)

```
POP PASSWORD

Caps │ Symbols │ @... │ ↓ │ ↑ │ ◄ │ ► │ Back space
Q │ W │ E │ R │ T │ Y │ U │ I │ O │ P
A │ S │ D │ F │ G │ H │ J │ K │ L
@ │ Z │ X │ C │ V │ B │ N │ M │ . │ _
            CANCEL        O K
```

6 Enter the POP password (up to 10 characters) and press ⬜ OK ⬜.

Ex: 1111 ⬜ OK ⬜

```
DEL POP RCV MAIL

  INVALID    VALID



  ←      →      CANCEL     O K
```
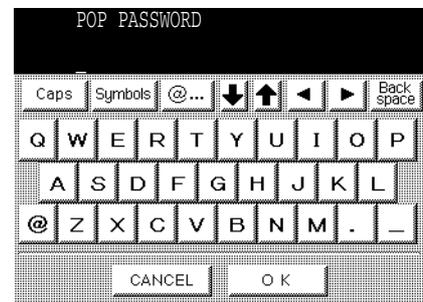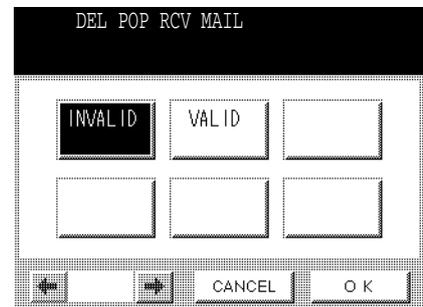
7 Select whether to delete the retrieved POP email from the POP server and press ⬜ OK ⬜.

(Valid = will delete after email retrieval; Invalid = will not delete after email retrieval)

8

(STOP)

NOTE

1. *If security is a concern and to prevent unauthorized personnel from retrieving your email from the POP server, when programming the Program Key, leave the POP Password field "Blank". By leaving it "Blank", the machine will prompt you to enter the POP Password when the Program Key is pressed to retrieve mail.*

Program Keys

Using the POP Email Retrieval Key

To retrieve your Email from the POP Server using the Program Key, follow the procedure below.

Make sure that the INTERNET lamp is ON. If not, press (INTERNET icon) to select the "INTERNET MODE".

1 Press the Program key programmed for POP Email Retrieval Key.

Ex: POP1
If the POP User Name was not pre-programmed in the Program Key, enter the POP User Name (up to 40 characters).

```
OCT-12-2000 15:00          00%
READY TO PRINT
◄  PQRS  TUV  WXYZ  Others PROGRAM
                                DIAL
Email
POP1
                                  ⬆
                                 1/1
                                  ⬇
JOB    [KEYBOARD]  A ⊞ □□□■□□□
STATUS  KEYBOARD   ORIGINAL (LIGHTER DARKER
```

```
POP USER NAME
ENTER NAME
Caps  Symbols @...  ⬇⬆◄►  Back
                              space
Q W E R T Y U I O P
 A S D F G H J K L
@ Z X C V B N M . _
        CANCEL    O K
```

2 (START button)
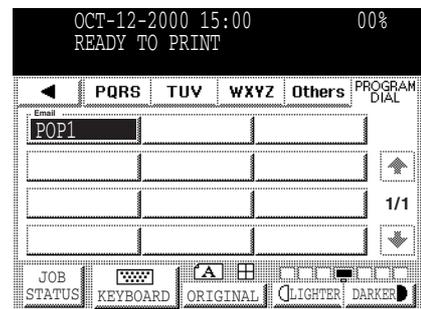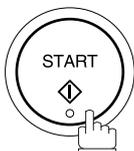
If the POP Password was not pre-programmed in the Program Key, enter the POP Password (up to 10 characters) and press [START].
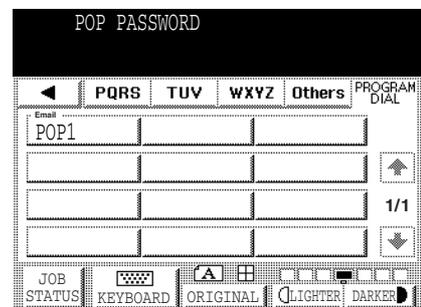
```
POP PASSWORD
◄  PQRS  TUV  WXYZ  Others PROGRAM
                                DIAL
Email
POP1
                                  ⬆
                                 1/1
                                  ⬇
JOB    [KEYBOARD]  A ⊞ □□□■□□□
STATUS  KEYBOARD   ORIGINAL (LIGHTER DARKER
```

Continued on the next page...

ADVANCED FEATURES

3 If the POP server has not received any new mail, the following message is displayed.

```
POP RCV
NO NEW MAIL

ABC   DEF   GHI   JKL   MNO   ▶
Email                    Email
AMERICA    ASIA      CHINA

AFRICA     BERLIN               ⬆
Email      Email
ANTARCTICA BRAZIL              1/1
Email      Email
APOLLO     CANADA               ⬇

 JOB    ⌨        Ⓐ ⊞  □□□▬□□
STATUS KEYBOARD ORIGINAL ◖LIGHTER DARKER◗
```
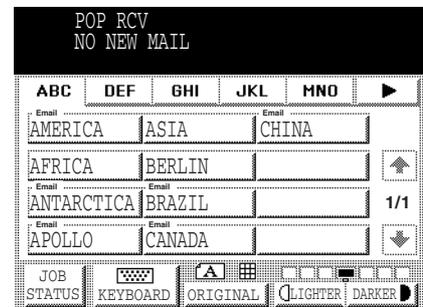
4 If POP server received new mail, the machine will display the number of mails on the server, then retrieve and print the email.

```
RCV
ON LINE (LAN)
abc@panasonic.com
ABC   DEF   GHI   JKL   MNO   ▶
Email                    Email
AMERICA    ASIA      CHINA

AFRICA     BERLIN               ⬆
Email      Email
ANTARCTICA BRAZIL              1/1
Email      Email
APOLLO     CANADA               ⬇

 JOB    ⌨        Ⓐ ⊞  □□□▬□□
STATUS KEYBOARD ORIGINAL ◖LIGHTER DARKER◗
```

▼

```
MEMORY RCV'D DOC
* PRINTING *

ABC   DEF   GHI   JKL   MNO   ▶
Email                    Email
AMERICA    ASIA      CHINA

AFRICA     BERLIN               ⬆
Email      Email
ANTARCTICA BRAZIL              1/1
Email      Email
APOLLO     CANADA               ⬇

 JOB    ⌨        Ⓐ ⊞  □□□▬□□
STATUS KEYBOARD ORIGINAL ◖LIGHTER DARKER◗
```

NOTE

1. The number of emails that can be retrieved during a single operation is 20. Even if the POP server has more than 20 emails, only 20 will be displayed on the machine. After retrieving the first 20 emails, repeat the procedure from the beginning to ensure all emails were retrieved from the POP server.

Sender Selection

General Description

This operation allows the user to select one of the 25 preset User Names and Email Addresses before a transmission. The selected User Name is printed on the Header of each page sent and on the COMM. Journal.

When sending email, the selected user name and/or email address appears in the **"From:"** field of the email message.

Setting the Sender Selection

Make sure that the INTERNET lamp is ON. If not, press ⊕ INTERNET to select the "INTERNET MODE".

1 FUNCTION

```
SELECT A FUNCTION

 DEFERRED COMM.      POLLING
 ADVANCED COMM.    SELECT MODE
 EDIT FILE MODE     PRINT OUT
    SET MODE      EDIT PHONE BOOK
```

2 SET MODE   04 FAX PARAMETERS

```
FAX PARAMETERS
SELECT A FUNCTION

001 CONTRAST (HOME)
002 RESOLUTION (HOME)
003 ORIGINAL (HOME)
004 STAMP (HOME)
005 MEMORY (HOME)
 ←  01/33  →   CANCEL    O K
```

3 Press ← or → to scroll the display to the desired Fax Parameter.

145 SENDER SELECTION

or

Enter the Fax Parameter number directly from the keypad and press ⎡ SET ⎤ or ⎡ START ⎤ key.

```
145 SENDER SELECTION


 INVALID   VALID



 ←      →    CANCEL    O K
```

ADVANCED
FEATURES

4 VALID OK

```
   145 SENDER SELECTION

00 PANASONIC          [____]
01                    [____]
02                    [____]
03                    [____]
04                    [____]

◀▌ 01/05 ➡   CANCEL    O K
```
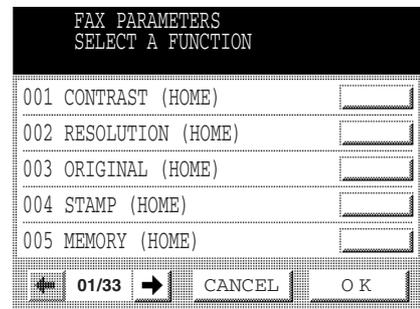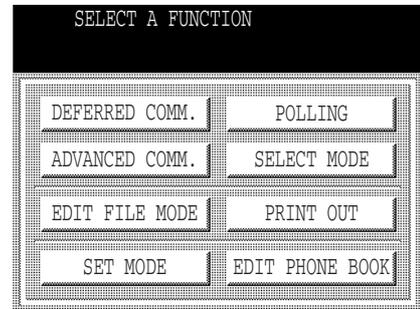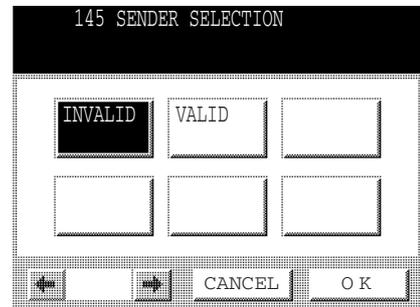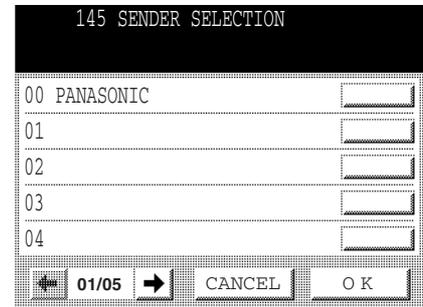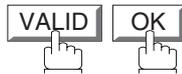
5 Select the Sender Selection Key (No. 01~24).

Ex: 01

```
NO.01
ENTER NAME
_

Caps  Symbols      ◀  ▶   Back space
Q W E R T Y U I O P
 A S D F G H J K L
@ Z X C V B N M . _

    Space      CANCEL  O K
```
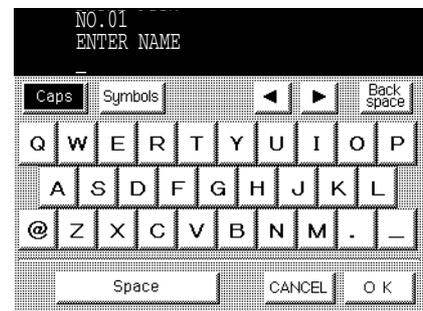
6 Enter your User Name (max 25 characters) by using character keys and press OK .

Ex: P A N A S O N I C SPACE S A L E S OK

```
NO.01
ENTER EMAIL ADDRESS
_

Caps Symbols @... ⬇⬆ ◀ ▶ Back space
Q W E R T Y U I O P
 A S D F G H J K L
@ Z X C V B N M . _

    CANCEL    O K
```

7 Enter an email address to be printed on the **"From"** field of the email message (max. 60 characters) and press OK .

Ex: abc@panasonic.com OK

```
NO.02
ENTER NAME

Caps  Symbols      ◀  ▶   Back space
Q W E R T Y U I O P
 A S D F G H J K L
@ Z X C V B N M . _

    Space      CANCEL  O K
```
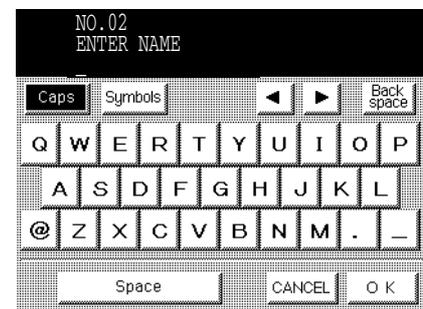
8 To record another User Name, repeat Steps 5 to 7.

To return to standby, press STOP .

Sender Selection

Sending Document with Sender Selection

Make sure that the INTERNET lamp is ON. If not, press to select the "INTERNET MODE".

1a Set document(s) face down.

or

1b Place a book or an original face down on the Platen Glass.
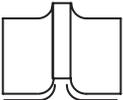
```
OCT-12-2000 15:00    00%
READY TO FAX
ORIGINAL SET
┌────┬────┬────┬────┬────┬──▶─┐
│ABC │DEF │GHI │JKL │MNO │    │
├────┴────┴────┴────┴────┴────┤
│Email          Email         │
│AMERICA    ASIA      CHINA    │
│                             ▲│
│AFRICA     BERLIN            │
│Email          Email         │
│ANTARCTICA BRAZIL        1/1 │
│Email          Email         │
│APOLLO     CANADA           ▼│
├───────┬────────┬────────────┤
│ JOB   │KEYBOARD│ ORIGINAL LIGHTER DARKER│
│STATUS │        │            │
└───────┴────────┴────────────┘
```

2 Enter email address or telephone number.
(See Note 1)

3 START

```
┌─────────────────────────────┐
│      SELECT SENDER          │
├─────────────────────────────┤
│00 PANASONIC         ┌──────┐│
│                     └──────┘│
│01 SALES DEPT        ┌──────┐│
│                     └──────┘│
│02                   ┌──────┐│
│                     └──────┘│
│03                   ┌──────┐│
│                     └──────┘│
│04                   ┌──────┐│
│                     └──────┘│
├─────────────────────────────┤
│ ◀ 01/05 ▶ │CANCEL│  O K    │
└─────────────────────────────┘
```

ADVANCED
FEATURES

85
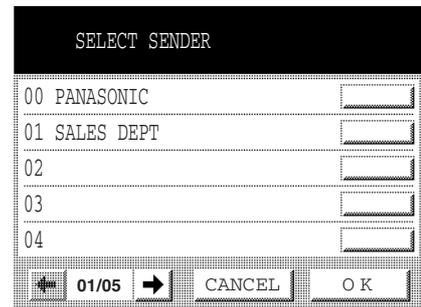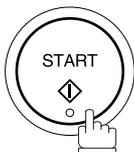
4 Press ◀ or ▶ to scroll the display to select the User Name that you want to use. (See Note 2)

Ex: 01 SALES DEPT

```
NO.01
SALES DEPT
sales@panasonic.com
```
00 PANASONIC	
01 SALES DEPT	
02	
03	
04	

◀ 01/05 ▶ CANCEL O K

5 START

The document is sent as an email message with the selected user name and/or email address appearing in the **"From:"** field of the email message.

Sender Selection

Printing the Sender Selection List

The Sender Selection List is printed following the Fax Parameter List.

To enable the printing of the Sender Selection List, change the setting of Fax Parameter No. 145 (SENDER SELECTION) to "Valid" (See page 56).

Make sure that the INTERNET lamp is ON. If not, press [INTERNET] to select the "INTERNET MODE".

1 FUNCTION

```
SELECT A FUNCTION

DEFERRED COMM.        POLLING
ADVANCED COMM.      SELECT MODE
EDIT FILE MODE       PRINT OUT
SET MODE         EDIT PHONE BOOK
```

2 [PRINT OUT] [04 FAX PARAMETER LIST]

```
FAX PARAMETER LIST
   ✳ PRINTING ✳

ABC   DEF   GHI   JKL   MNO   ▶
Email        Email
AMERICA  ASIA      CHINA
AFRICA   BERLIN              ⬆
Email        Email
ANTARCTICA BRAZIL          1/1
Email      Email
APOLLO   CANADA             ⬇

JOB    MEMORY XMT  A ⊞
STATUS  XMT MODE  ORIGINAL  LIGHTER DARKER
```
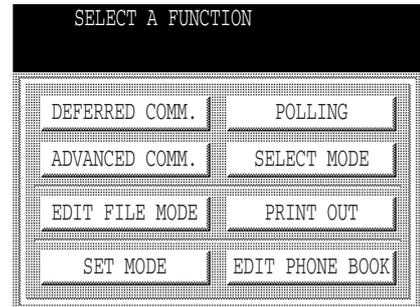
Sample Sender Selection List (Prints following the Fax Parameter List)

```
*************** -FAX PARAMETER LIST- ***************** DATE MAR-12-2001 ***** TIME 15:00 ***P.02


     SENDER SELECTION LIST
   (1)          (2)                          (3)
   NO.          USER NAME                    EMAIL ADDRESS

    01          Panafax Sales                sales@panasonic.com
    02          Panafax Service              service@panasonic.com
    03          Panafax Accounting           account@panasonic.com




    24          Panafax Engineering          engneering@panasonic.com


                                   -PANASONIC            -
********************************** -HEAD OFFICE  - ***** -    201 555 1212- ********
```

Explanation of Contents

(1) Sender Selection Number   : 01-24

(2) User Name   : Up to 25 characters

(3) Email Address   : Up to 60 characters

Subject Line Entry

General Description

The DP-2500/3000 will automatically add the Default Subject information that was entered during the User Parameter setup, to the **"Subject:"** Line of all outgoing emails.

If you would like for the machine to prompt you for the Subject before each email transmission, change the Fax Parameter No. 159 (SUBJECT LINE ENTRY) to "Valid".

Sending Email with Subject Line Entry

Make sure that the INTERNET lamp is ON. If not, press INTERNET ⊕ to select the "INTERNET MODE".

1a

Place original(s) face up on the ADF.

or

1b

Place a book or an original face down on the Platen Glass.

```
OCT-12-2000 15:00
READY TO FAX
ORIGINAL SET
ABC   DEF   GHI   JKL   MNO   ▶
Email            Email
AMERICA   ASIA     CHINA
AFRICA    BERLIN              ⬆
Email        Email
ANTARCTICA BRAZIL            1/1
Email      Email
APOLLO    CANADA             ⬇
JOB    ⌨       Ⓐ ⊞ ▭▭▭▭▭
STATUS KEYBOARD ORIGINAL (LIGHTER DARKER▶
```
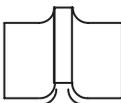
2 Enter email addresses by any combination of the following methods:
- Phone Book Email Addressing
- Manual Email Addressing, press ⌐SET⌐ after each station is entered (up to 70 addresses).

Ex: ⌐PANASONIC⌐

```
MEMORY XMT            STN(S):001
PANASONIC
abc@panasonic.com
◀   PQRS   TUV   WXYZ  Others PROGRAM
                                DIAL
Email
PANASONIC
Email
SALES DEPT                   ⬆
                            1/1
                             ⬇
JOB    ⌨       Ⓐ ⊞ ▭▭▭▭▭
STATUS KEYBOARD ORIGINAL (LIGHTER DARKER▶
```

3 START

```
SUBJ. LINE ENTRY
ENTER SUBJECT OR
PRESS START TO SEND
Caps Symbols      ◀  ▶   Back
                          space
Q W E R T Y U I O P
 A S D F G H J K L
@ Z X C V B N M . _
     Space      CANCEL  OK
```
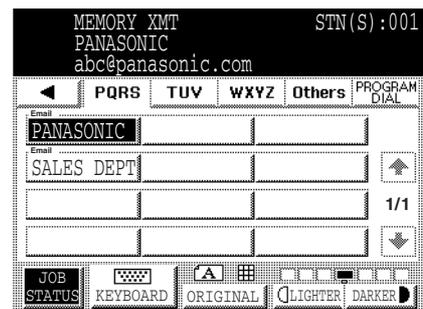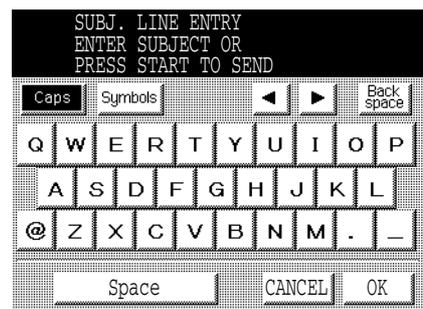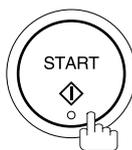
## Subject Line Entry

4 Enter the Subject (max. 40 characters and digits) by using the QWERTY keyboard and keypad. To use the Default Subject pre-programmed in the User Parameter, just press [START].

Ex: FAX From Mr. Jones
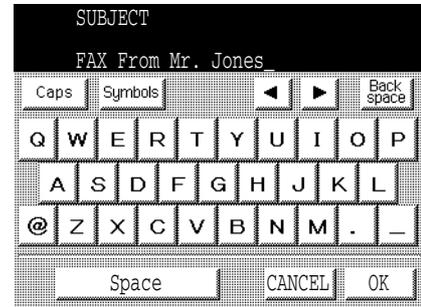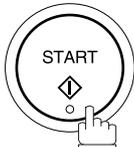
```
 SUBJECT
 FAX From Mr. Jones_
Caps  Symbols          ◄  ►  Back space
Q W E R T Y U I O P
 A S D F G H J K L
@ Z X C V B N M . _
    Space      CANCEL  OK
```

5

START
◇

The document(s) begin to store into memory with a file number.
Then starts connecting to the LAN immediately after storing the first page. (See Note 2)
While sending the document(s) via LAN, the remaining page(s) continue to store into memory.

NOTE

1. If no default subject is programmed, the message is shown as "IMAGE from Internet FAX" for the subject.
2. The "Quick Memory Transmission" is disabled if multipe stations are set.

Setting the Routing Parameters

The DP-2500/3000 can route documents received from a G3 fax machine to email address(s) or to Internet Fax machine(s) connected to a LAN as an email, as well as to other G3 fax machine(s) over the telephone line.

To use this feature, the Fax Parameter No. 152 (SUB-ADDRESS ROUTING) and/or No. 153 (TSI ROUTING) must be set to "Valid".

No. 152 (SUB-ADDRESS ROUTING): Set this parameter to perform an ITU-T sub-address query within its auto dialer and to route the received document(s) to the corresponding stations email address(s) or telephone number(s).

No. 153 (TSI ROUTING): 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(s) or telephone number(s).

No. 154 (ROUTE HEADER FORMAT): Use this parameter to select the type of email header to be included in the **"From:"** field of each routed faxes. (Default setting is "Originator")
Originator : The originating fax machine's TSI will appear in the **"From:"** field of the routed email.
Relay Station : The routing station's email address will appear in the **"From:"** field of the routed email.

No. 155 (PRINT ROUTED DOCUMENT) : Set this parameter to select whether a received fax to be routed is always printed on the DP-2500/3000 or only when the routing operation fails.

Entering Phone Book Dialing Numbers for Inbound Routing

If the Inbound Routing parameters are set, an ITU-T sub-address and/or originator's Numeric ID (TSI frame information) can be programmed with each email address in Phone Book numbers.

Make sure that the INTERNET lamp is ON. If not, press to select the "INTERNET MODE".

1   FUNCTION   EDIT PHONE BOOK
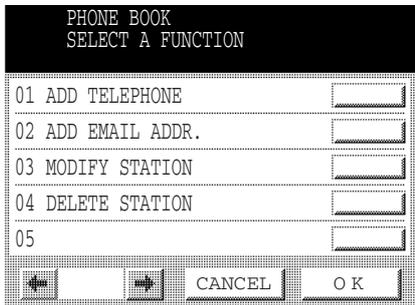
```
PHONE BOOK
SELECT A FUNCTION

01 ADD TELEPHONE
02 ADD EMAIL ADDR.
03 MODIFY STATION
04 DELETE STATION
05
        ⬅    ➡    CANCEL    O K
```

Inbound Routing

2 Press ┃ 01 ADD TELEPHONE ┃ or
┃ 02 ADD EMAIL ADDR. ┃ .

```
PHONE BOOK
ENTER EMAIL ADDRESS

Caps  Symbols  @...  ↓ ↑ ◀ ▶  Back
                                space
Q  W  E  R  T  Y  U  I  O  P
 A  S  D  F  G  H  J  K  L
@  Z  X  C  V  B  N  M  .  _
        CANCEL      O K
```

or

```
PHONE BOOK
ENTER TEL. NO.

_

        ◀    ▶

        CANCEL      O K
```
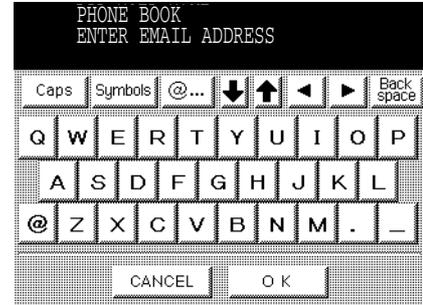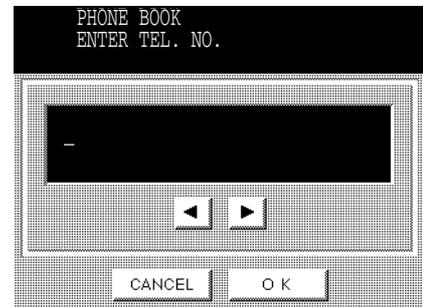
3 Enter an email address (up to 60 characters) or a telephone number (up to 36 digits) and press
┃ OK ┃ .

```
PHONE BOOK
ENTER EMAIL ADDRESS
abc@panasonic.com
Caps  Symbols  @...  ↓ ↑ ◀ ▶  Back
                                space
Q  W  E  R  T  Y  U  I  O  P
 A  S  D  F  G  H  J  K  L
@  Z  X  C  V  B  N  M  .  _
        CANCEL      O K
```

or

```
PHONE BOOK
ENTER TEL. NO.

55512342762_

        ◀    ▶

        CANCEL      O K
```

Continued on the next page...

ADVANCED
FEATURES

91

4

OK
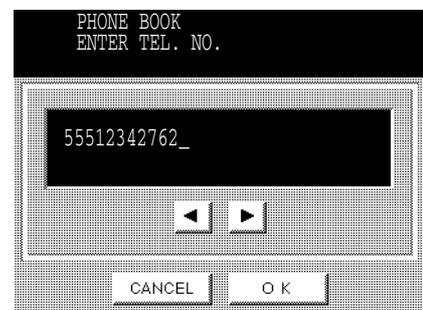
Then enter the station name using the QWERTY keyboard (up to 15 characters).
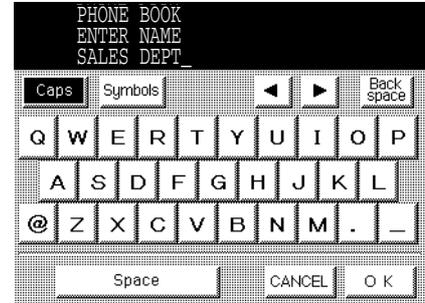
Ex: S A L E S SPACE D E P T

```
PHONE BOOK
ENTER NAME
SALES DEPT_
Caps  Symbols        ◄  ►   Back
                            space
Q W E R T Y U I O P
 A S D F G H J K L
@ Z X C V B N M .  _
        Space        CANCEL  O K
```

5

OK

Then enter the key name (up to 10 characters). (By default, the key name is the first 10 characters of the station's name. If you do not want to change it, press OK .)

```
PHONE BOOK
ENTER KEY NAME
SALES DEPT
Caps  Symbols        ◄  ►   Back
                            space
Q W E R T Y U I O P
 A S D F G H J K L
@ Z X C V B N M .  _
        Space        CANCEL  O K
```

6

OK
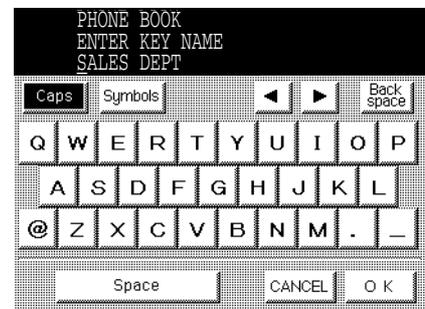
Then enter the sub-address (up to 20 characters).

Ex: ① ② ③ ④ ⑤ ⑥ ⑦

```
PHONE BOOK
ROUTING: SUB-ADDRESS



1234567_


   ◄  ►

      CANCEL   O K
```

7

OK
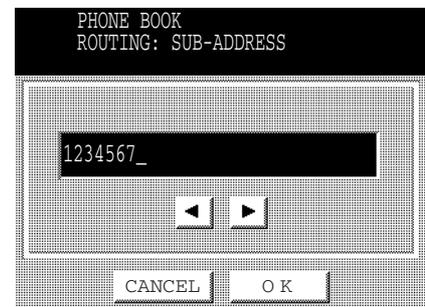
Then enter a Numeric ID (TSI) (up to 20 characters).

Ex: ⑤ ⑤ ⑤ ⑥ ⑦ ⑧ ⑨

```
PHONE BOOK
ROUTING: TSI



5556789_


   ◄  ►

      CANCEL   O K
```

8   OK
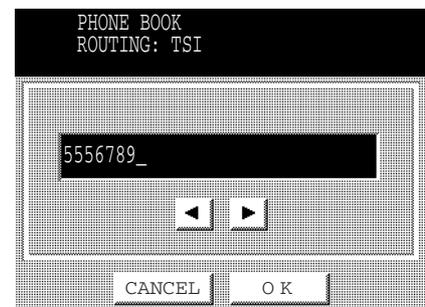
To return to stanby, press   STOP   .

1. "+" and "SPACE" entries in the "ROUTING: TSI" field are ignored by the receiving machine.

Fax Forward

Setting Fax Forward

This feature allows all incoming faxes or emails to be forwarded to the destination station registered in the Phone Book. Once the faxes or emails are received into memory, the machine will forward the received document(s) to the telephone number or email address pre-registered in the Phone Book.

This function is convenient when you would like to receive faxes or emails in another place (i. e. your home) at night or during a holiday.

Make sure that the INTERNET lamp is ON. If not, press ⓦ to select the "INTERNET MODE".

1 First register the forwarding destination telephone number or email address into the Phone Book. (See pages 45 to 50)

2 FUNCTION

```
SELECT A FUNCTION

DEFERRED COMM.      POLLING
ADVANCED COMM.    SELECT MODE
EDIT FILE MODE     PRINT OUT
SET MODE        EDIT PHONE BOOK
```

3 | SET MODE | | 04 FAX PARAMETERS |

```
FAX PARAMETERS
SELECT A FUNCTION

001 CONTRAST (HOME)
002 RESOLUTION (HOME)
003 ORIGINAL (HOME)
004 STAMP (HOME)
005 MEMORY (HOME)

  01/33     CANCEL    O K
```
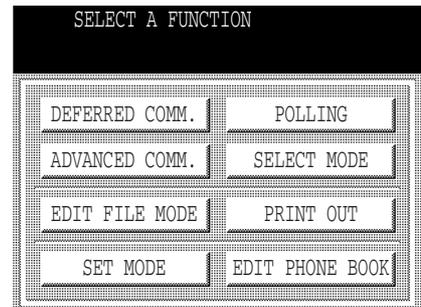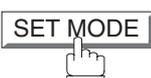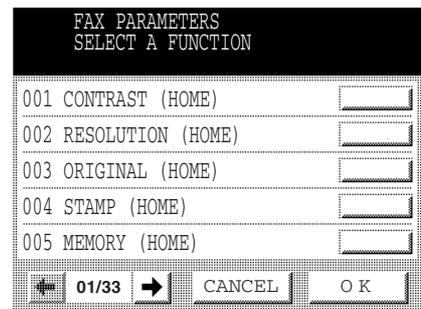
4 Press ◄ or ► to scroll the display to the Fax Parameter.
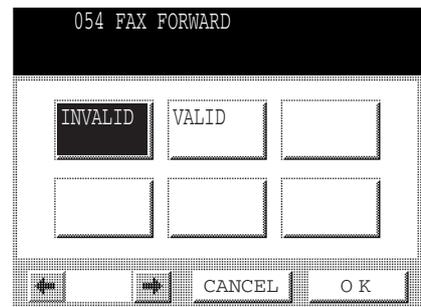
| 054 FAX FORWARD |

or

Enter the Fax Parameter number directly from the keypad and press | SET | or | START | key.

```
054 FAX FORWARD

INVALID    VALID

        CANCEL    O K
```

94

5 VALID

```
054 FAX FORWARD

INVALID   VALID



←    →    CANCEL    O K
```

6 OK
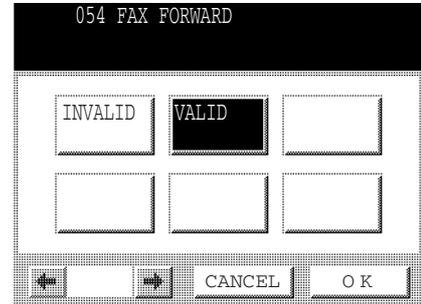
Then enter the station to forward the received faxes or emails to, by assigning a destination station in the Phone Book.

```
054 FORWARD
ENTER STATION

◄  PQRS  TUV  WXYZ  Others  PROGRAM
                                  DIAL
Email
PANASONIC
Email
SALES DEPT                            ⬆

                                   1/1

                                     ⬇

JOB    MEMORY XMT   A  ⊞
STATUS  XMT MODE  ORIGINAL  LIGHTER DARKER
```

7 STOP
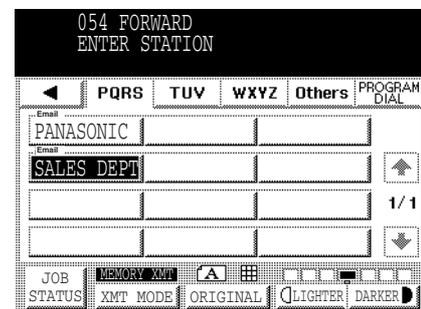
NOTE

> 1. When the Fax Forward feature is set, the assigned forwarding station in the Phone Book will be restricted from editing. Please change this function to "Invalid" when you would like to edit the telephone number or email address.
>
> 2. If the communication to transfer a received fax or email fails, the received fax or email will print and then is erased from memory. If the Fax Parameter No. 156 (PRT FORWARD DOC) is set to "Always", the received fax or email will print even when the transmission is successful.
>
> 3. It is not possible to receive a document if the memory of your machine overflows or is about 95% used.

Ifax Return Receipt

The DP-2500/3000 automatically sends an Ifax Return Receipt to the sender confirming email reception from another Panasonic Internet Fax.

To disable this feature, follow the steps below.

Make sure that the INTERNET lamp is ON. If not, press (INTERNET) to select the "INTERNET MODE".

1   FUNCTION

```
SELECT A FUNCTION

DEFERRED COMM.        POLLING
ADVANCED COMM.        SELECT MODE
EDIT FILE MODE        PRINT OUT
  SET MODE          EDIT PHONE BOOK
```

2   SET MODE   04 FAX PARAMETERS

```
FAX PARAMETERS
SELECT A FUNCTION

001 CONTRAST (HOME)          
002 RESOLUTION (HOME)        
003 ORIGINAL (HOME)          
004 STAMP (HOME)             
005 MEMORY (HOME)            
   01/33         CANCEL    O K
```

3   Press ◀ or ▶ to scroll the display to the desired Fax Parameter.

150 IFAX RET RECEIPT

or

Enter the Fax Parameter number directly from the keypad and press SET or START key.

```
150 IFAX RET RECEIPT

INVALID   VALID



            CANCEL    O K
```
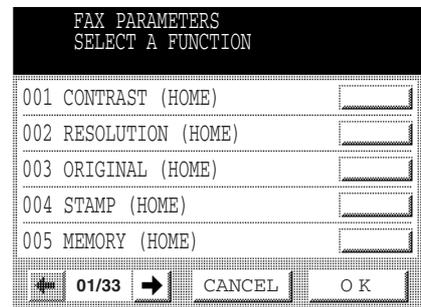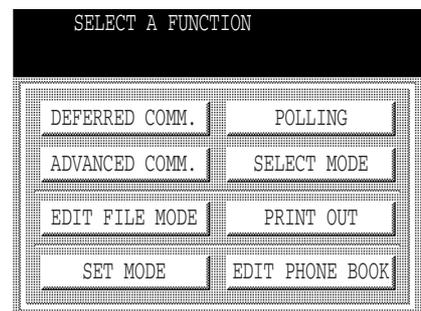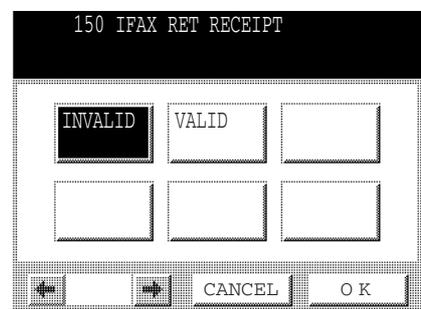
Ifax Return Receipt

4   Select the desired setting and press ⌷ OK ⌷.

5

To return to standby.

NOTE

> 1. The DP-2500/3000 sends the Ifax Return Receipt only when receiving from another Panasonic brand Internet Fax. It will not confirm email sent from a PC. (The default setting for this parameter is "VALID".)

This page is intentionally left blank.

Network Scanner

You can import Fax images by using the DP-2500/3000 transmission function.
Storing a specific email address into a Phone Book allows you to import picture images by pressing a single key.
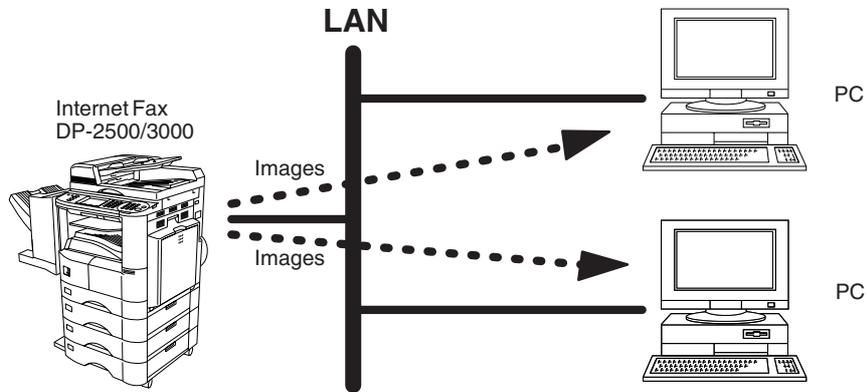
LAN

Internet Fax
DP-2500/3000

Images

Images

PC

PC

1a

Place original(s) face up on the ADF.

or

1b
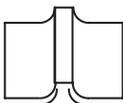
Place a book or an original face down on the Platen
Glass.

2 To improve the scanning quality, you can
temporarily change the Resolution to "S-FINE" and
if you are scanning color photographs or
illustrations with gray tones, change the Halftone
setting to "PHOTO".

3 Dial by any combination of the following methods:
- Manual Email Addressing, press SET after each
  station is entered. (Up to 70 stations)
- Phone Book Email Addressing. (Up to 200 stations)

4

START

Network Printer

The DP-2500/3000 allows you to print documents created on your PC using various software applications.

To be able to use this function, install the Printer Driver and LPR software downloaded from the web site first. (See page 20)
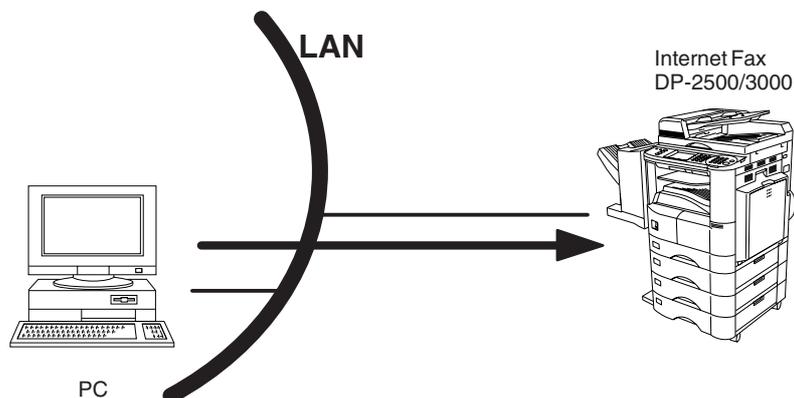
1 Select the "DP-2500/3000" as your default printer on the PC.

2 From any software application, instruct your PC to print to the DP-2500/3000.

3 The DP-2500/3000 receives and prints the document.

Relayed Transmission

General Description

The Internet Relayed Transmission feature can save you 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 DP-2500/3000 to another Relay Station (DP-2500/3000).

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 (DP-2500/3000).

To use the Internet Relayed Transmission, the Relay Station must be set up properly.

Example 1: Internet Relay Transmission
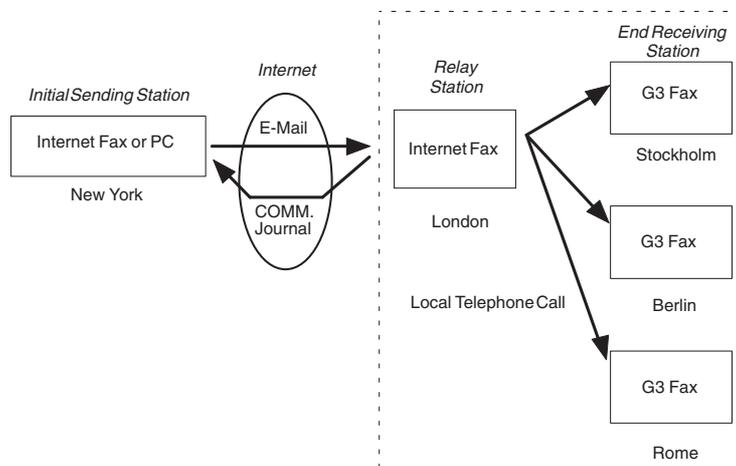
From your PC or DP-2500/3000 you can send documents to a Relay Station with the telephone number of the End Receiving Station(s).

After the Relay Station completes its transmission to the End Receiving Station, your PC or the DP-2500/3000 receives a COMM. Journal from the Relay Station. This COMM. Journal confirms whether the Internet Relayed Transmission was successful.

Example 2: Fax Server (Intranet Relay Transmission)
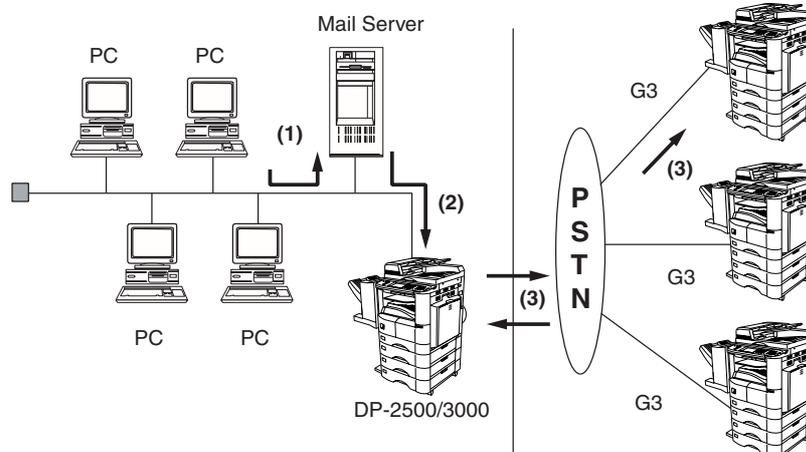
(1) Initiate a Relay Transmission via email to the Mail Server
(2) Mail Server transfers the email to the DP-2500/3000 with relay instructions to transmit to a G3 machine
(3) DP-2500/3000 initiates a telephone call to a G3 machine and transmits the document

101

Relay Network

This Feature saves you time and long distance phone line costs when sending an Internet Fax directly from your machine to the end receiving station(s).

A Relay Network is basically composed of an Originating Station, which can be an Internet Fax Machine (DP-2500/3000) or a PC, a Relaying Internet Fax Machine (another DP-2500/3000), and End-receiving station(s), which can be regular G3 Fax machines.
By simply sending a Document(s) from your DP-2500/3000 or an email message from a PC, to the **DP-2500/3000 (Relay machine)**, which is then transmitted by the DP-2500/3000 to the end receiving station(s) using regular phone lines as a normal G3 Fax message. (PC can have TIFF-F or text (.txt) file attachment)
The end receiving station(s) are usually local in relation to the Relay Station, which incurs a local telephone charge for the Fax Transmission.

After the Relay Station completes its transmission to the end receiving station(s), a Communication Journal is sent back to the originator from the Relaying Internet Fax (DP-2500/3000) confirming whether the Internet Relayed Transmission was successful. Any Relay activity information is sent by email from the Relaying Internet Fax to its Manager's Email Address, which is programmed in the Relaying Internet Fax machine's User Parameters (see page 27).

To use the Internet Relayed Transmission, just follow the set up procedure described on pages 104 to 115 and obtain certain information provided by the Relaying machine **(DP-2500/3000)** operator. A sample network is shown in Figure 1.

Figure 1 shows a sample network as seen from **New York *(Initiating Station)*, London and Singapore** are **(Relay Stations)** connected to New York, and the **(End Receiving Stations)** are **Stockholm, Rome, Tokyo, Hong Kong,** and **Sydney.**

With this simple network using two Relay Stations, you can send a document with one operation to any combination of stations in the network via the London Relay Station and/or Singapore Relay Station.
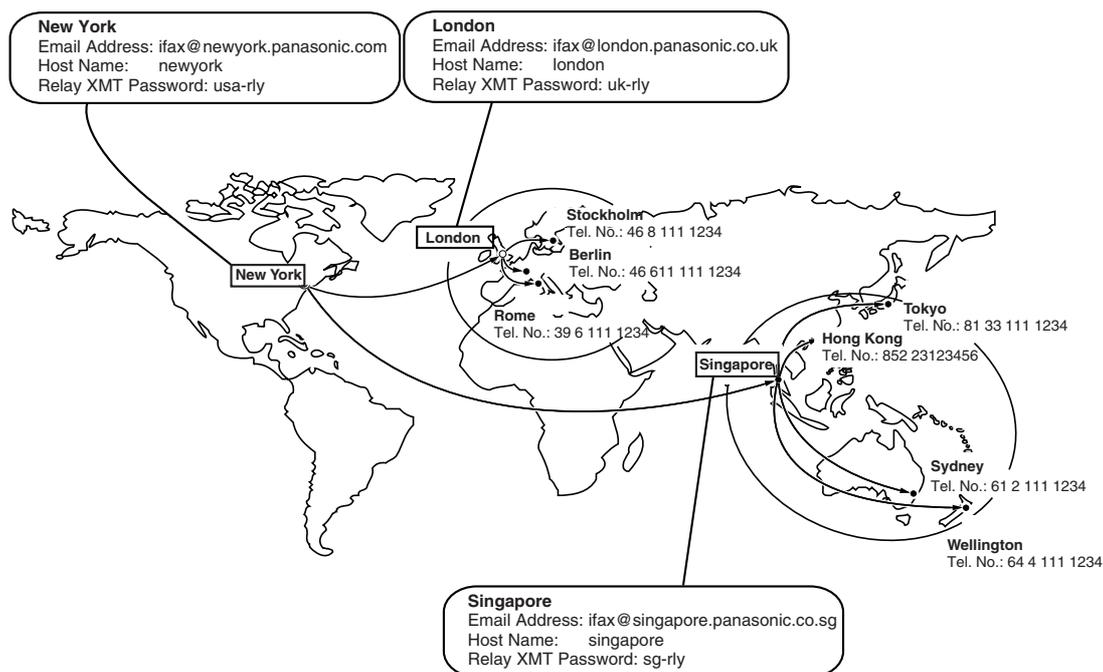

Figure 1 : Sample Network

Relayed Transmission

Table 2, 3 and 4 are sample settings for the Sample Network shown in Figure 1.

Table 2 : Sample Parameter and Phone Book Dialing Number Table for New York (Originating Station)

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	lfax@london.panasonic.co.uk	---
Stockholm	46 8 111 1234	[London Relay]
Singapore	lfax@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 3 : Sample Parameter and Phone Book Dialing Number Table for London (Relaying Station)

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	lfax@newyork.panasonic.com	---
Stockholm	46 8 111 1234	[London Relay]
Singapore	lfax@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 4 : Sample Parameter and Phone Book Dialing Number Table for Singapore (Relaying Station)

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	lfax@london.panasonic.co.uk	---
Stockholm	46 8 111 1234	[London Relay]
New York	lfax@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	---

NOTE

1. The Relay XMT Password must be registered for the DP-2500/3000 to work as a Relay Station (see page 106).
2. To prevent unauthorized stations from accessing your Relay Station for Internet Relayed Transmissions, you must setup your network security. Enter acceptable Domain Name(s) and the Manager's Email Address for notification of all Internet Relayed Transmissions (see page 104).

103

Relayed Transmission

Setting up your DP-2500/3000 as an Internet Relay Station

To set up your machine as a Relay Station, the following parameters must be set properly.

1. Relay XMT (Fax Parameter No. 142)
Selecting whether the machine will accept and performs G3 relayed transmission (see page 56).

1:Invalid - Machine will not accept a Relay XMT request.
2:Valid - Machine will accept a Relay XMT request.

2. Relay XMT Report (Fax Parameter No. 143)
Selecting how the COMM. Journal for relayed transmission is sent to the originator.

1:Off - Do not send
2:Always - The COMM. Journal is always sent after a Relay Communication is completed or has failed.
3:Inc. Only - The COMM. Journal is sent if the Relay Communication to the destination has failed.

3. Relay XMT Password (User's Parameter) (See Note 1)
Enter a Relay XMT Password (up to 10 characters) to be used for 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.

4. Relay Address (Auto Dialer)
Enter a 3-digit Abbreviated Number which will assign the Relay Email Address of the Relay Station your machine will use.

5. Manager's Email Address (User's Parameter)
Register the Department Manager's Email Address for supervision and cost control purposes. Once registered, the machine will send an email notification to this 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.*)

6. Domain Names (User's Parameter) (See Note 2)
Register up to 10 Domain Names (up to 30 characters) that your machine will accept Relayed Transmission Requests to relay a message to another G3 fax machine via PSTN.

> **Ex:** Registered Domain Names
> (01):   rdnn.mgcs.co.jp
> (02):   rdmg.mgcs.co.jp
> (03):   panasonic.com

In the example above, the Relayed XMT Request will be accepted only from the email addresses that include the Domain Name of rdnn.mgcs.co.jp, rdmg.mgcs.co.jp or panasonic.com.

> **NOTE**
>
> 1. *This should be different than the DP-2500/3000's Email Address used to receive regular email / Internet Fax, as DP-2500/3000's Email Address is always included in the header of all email messages sent. So, anyone receiving an Internet Fax from the machine will easily know the Relay XMT Password if it is the same as the Email Address.*
> 2. *If all the Domain Names are left blank, the Internet Fax will accept Relayed XMT Requests from any domain.*

Relayed Transmission

Setting Up Your Machine for Relayed Transmission

Programming the End Receiving Station into your Auto Dialer

If the Fax Parameter No. 140 (LAN RELAY XMT REQUEST) is set to "Valid", you can enter the Relay Address into the Phone Book by the following procedure.

To set a Phone Book for Relayed Transmission Request

INTERNET

Make sure that the INTERNET lamp is ON. If not, press ⊕ to select the "INTERNET MODE".

1 FUNCTION

```
SELECT A FUNCTION

DEFERRED COMM.        POLLING
ADVANCED COMM.       SELECT MODE
EDIT FILE MODE        PRINT OUT
SET MODE           EDIT PHONE BOOK
```

2 EDIT PHONE BOOK   01 ADD TELEPHONE

```
PHONE BOOK
ENTER TEL. NO.

_

◄  ►

CANCEL    O K
```
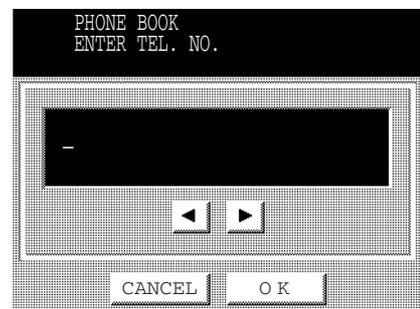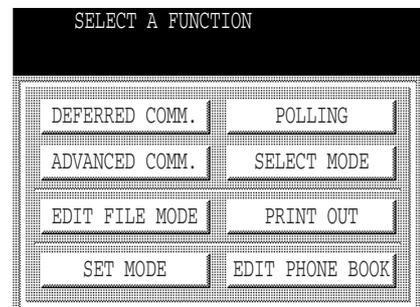
3 Enter the telephone number.
(Up to 36 digits including pauses and spaces)

Ex: ③⑨⑥①①①①②③④
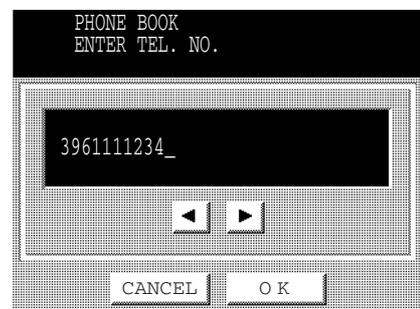
```
PHONE BOOK
ENTER TEL. NO.

3961111234_

◄  ►

CANCEL    O K
```

NETWORK
FEATURE

4   OK

Then enter the station name by using the QWERTY keyboard (up to 15 characters).

Ex: R O M E

```
PHONE BOOK
ENTER NAME
ROME_
Caps  Symbols        ◀  ▶   Back
                              space
Q  W  E  R  T  Y  U  I  O  P
 A  S  D  F  G  H  J  K  L
@  Z  X  C  V  B  N  M  .  _
        Space      CANCEL  OK
```

5   OK

Then enter the key name (up to 10 characters) .
(By default, the key name is the first 10 characters of the station's name.) If you do not want to change it, press OK .

```
PHONE BOOK
ENTER KEY NAME
ROME
Caps  Symbols        ◀  ▶   Back
                              space
Q  W  E  R  T  Y  U  I  O  P
 A  S  D  F  G  H  J  K  L
@  Z  X  C  V  B  N  M  .  _
        Space      CANCEL  OK
```

6   OK

```
RELAY STATION

ABC   DEF   GHI   JKL   MNO   ▶
Email                Email
AMERICA  ASIA      CHINA
AFRICA   BERLIN                 ⬆
Email    Email
ANTARCTICA BRAZIL              1/1
Email    Email
APOLLO   CANADA                 ⬇
        CANCEL      OK
```

7   Enter the Phone Book station of the Relay Station that you want to assign to this End Receiving Station.

Ex: Email LONDON RLY

```
PHONE BOOK
ENTER TEL. NO.



_


     ◀  ▶


   CANCEL    O K
```

106
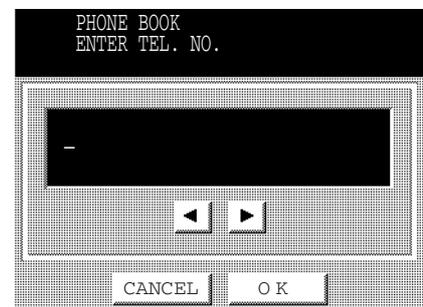
Relayed Transmission

8   To record another number, repeat Steps 3 to 7.
To return to standby, press ⟨ STOP ⟩.

Relayed Transmission

Sending Documents via Internet Relay

Once you have recorded all the necessary parameters in your machine, you can send a document to one or multiple G3 fax machines automatically through the Internet Relay Station by using the procedure described below. The Internet Relay Station must have all the necessary parameters setup.

To a Location That Has a Pre-programmed Relay Station

Make sure that the INTERNET lamp is ON. If not, press [INTERNET ⊕] to select the "INTERNET MODE".

1a

Place original(s) face up on the ADF.

or

```
OCT-12-2000 15:00     00%
READY TO FAX
ORIGINAL SET
 ABC │ DEF │ GHI │ JKL │ MNO │ ▶
Email        Email
AMERICA  │ASIA    │CHINA    │
Email        Email
AFRICA   │BERLIN  │         │  ⬆
Email        Email
ANTARCTICA│BRAZIL  │         │  1/1
Email        Email
APOLLO   │CANADA  │         │  ⬇
 JOB   │ ⌨  │ Ⓐ ⊞ │□□□▬□□
STATUS │KEYBOARD│ORIGINAL│ ◖LIGHTER│DARKER ◗
```

1b
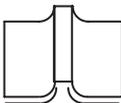
Place a book or an original face down on the Platen Glass.

2

Enter only the telephone number(s) of the End Receiving Station(s) using any combination of the following methods:
- Manual Number Dialing (Up to 70 stations), press SET after each station is entered. (see Note 1)
- Phone Book Dialing (Up to 200 stations).
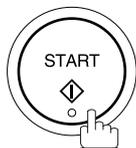
Ex: Email[STOCKHOLM]

```
MEMORY XMT           STN(S):001
STOCKHOLM
4681111234
 ◀ │ PQRS │ TUV │ WXYZ │ Others │PROGRAM
                                  DIAL
Email        Email
PANASONIC│STOCKHOLM│         │
Email        Email
ROMA     │SYDNEY  │         │  ⬆
Email
SG-RELAY │        │         │  1/1
Email
SINGAPORE│        │         │  ⬇
 JOB   │ ⌨  │ Ⓐ ⊞ │□□□▬□□
STATUS │KEYBOARD│ORIGINAL│ ◖LIGHTER│DARKER ◗
```

3

The document(s) is stored into memory and your machine starts sending the document(s) to the Relay email address of the Relay Station with the telephone number for the End Receiving Station.

Ex: End Receiving Station: 4681111234
(Telephone number)
(see Note 1)

Relay Station   : uk-rly@london.panasonic.co.uk

After the Relay Station completes its transmission to the End Receiving Station(s), your machine receives a COMM. Journal from the Relay Station. This Journal confirms whether the Internet Relayed Transmission was successful.

NOTE

1. *If the Relay Station requires a special access number to get an outside line, enter that access number first then press* PAUSE *to enter a pause (represented by a "-") before entering the full number.*

Relayed Transmission

To a Location That Does Not Have a Pre-programmed Relay Station

Make sure that the INTERNET lamp is ON. If not, press (INTERNET) to select the "INTERNET MODE".

1a

Place original(s) face up on the ADF.

or

1b

Place a book or an original face down on the Platen Glass.

```
OCT-12-2000 15:00    00%
READY TO FAX
ORIGINAL SET
ABC   DEF   GHI   JKL   MNO   ▶
Email              Email
AMERICA   ASIA      CHINA
AFRICA    BERLIN             ⬆
Email     Email
ANTARCTICA BRAZIL           1/1
Email     Email
APOLLO    CANADA            ⬇
JOB      ⌨        A  ⊞
STATUS  KEYBOARD ORIGINAL  LIGHTER DARKER
```

2   FUNCTION ⌘   ADVANCED COMM.

05 LAN RELAY XMT

```
LAN RELAY XMT
ENTER RELAY STATION
ABC   DEF   GHI   JKL   MNO   ▶
Email              Email
AMERICA   ASIA      CHINA
AFRICA    BERLIN             ⬆
Email     Email
ANTARCTICA BRAZIL           1/1
Email     Email
APOLLO    CANADA            ⬇
JOB      ⌨        A  ⊞
STATUS  KEYBOARD ORIGINAL  LIGHTER DARKER
```
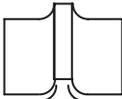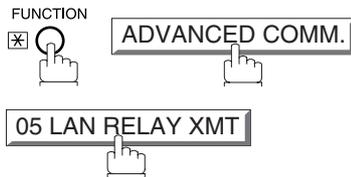
3   Assign a Relay Station by either one of the following methods.
- Manual Email Addressing
- Phone Book Email Addressing

Ex: [Email LONDON RLY]

```
RELAY STATION
LONDON RELAY
uk-rly@london.panasonic.co.uk
ABC   DEF   GHI   JKL   MNO   ▶
Email
LONDON RLY
                            ⬆
                           1/1
                            ⬇
JOB      ⌨        A  ⊞
STATUS  KEYBOARD ORIGINAL  LIGHTER DARKER
```

4

START

Enter only the telephone number(s) of the End
Receiving Station(s) using any combination of the
following methods.
• Manual Number Dialing, press ⎡SET⎤ after
each station is entered (up to 70 stations).
• Phone Book Dialing (up to 200 stations).

Ex: ⎡STOCKHOLM⎤
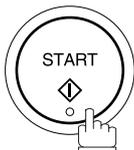
```
LAN RELAY XMT        STN(S):001
STOCKHOLM
4681111234
◀   PQRS  TUV  WXYZ  Others  PROGRAM DIAL
Email         Email
PANASONIC  STOCKHOLM
Email         Email
ROMA       SYDNEY                      ▲
Email
SG-RELAY                              1/1
Email
SINGAPORE                              ▼
JOB      KEYBOARD  ORIGINAL  LIGHTER DARKER
STATUS
```

5

START

The document(s) is stored into memory and your
machine starts sending the document(s) to the
Relay email address of the Relay Station with the
telephone number(s) for the End Receiving
Stations.

Ex: End Receiving Station: 4681111234 (Telephone
number) (see Note 1)
    Relay Station : uk-rly@london.panasonic.co.uk

After the Relay Station completes its transmission
to the End Receiving Station(s), your machine
receives a COMM. Journal from the Relay Station.
This Journal confirms whether the Internet Relayed
Transmission was successful.

NETWORK FEATURE

NOTE

1. If the Relay Station requires a special access number to get an outside line, enter that access number first then press ⎡PAUSE⎤ to enter a pause (represented by a "-") before entering the full number.
2. The "#" character is not available for the email address of the relay station.

Sending Document(s) from a PC to a G3 Fax Machine

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 (DP-2500/3000) must be properly setup with all the required parameters.

To send a Relayed Transmission from your PC using your email application, follow the example below.

Ex: In the **"To:"** box of your email application, type the following:

    sg-rly#81331111234@singapore.panasonic.co.sg

    or

    sg-rly#*001@singapore.panasonic.co.sg

• Relay XMT Password:	sg-rly
• # + End Receiving Station (with Phone Number):	#81331111234 (see Note 1)
• # *+ End Receiving Station (with Phone Book Number):	#*000-#*199 (see Note 1)
• # *+ End Receiving Station (with Program Key as a Group Dialing):	#*2001 - #*2012 (see Note 1)
• @ + Relay Station's Domain Name:	@singapore.panasonic.co.sg

Your PC sends the text document(s) to the Relay email address of the Relay Station with the telephone number of the End Receiving Station.

After the Relay Station completes its transmission to the End Receiving Station(s), your PC receives a COMM. Journal from the Relay Station. This Journal confirms whether the Internet Relayed Transmission was successful.

(**NOTE**)

    1. The "#" and "*" symbol must be entered after the Relay XMT Password as it indicates to the DP-2500/3000 that a phone number for the End Receiving Station will follow.

    2. If the Relay Station requires a special access number to get an outside line, enter that access number first then enter a hyphen (represented by a "-") before entering the full number.

Relayed Transmission

A **TIFF Converter** software is used on your PC to convert document(s) into a "TIFF" file format, which allows the Internet FAX to receive the document as an attachment to an email. When you are sending a detailed graphic document(s) to a DP-2500/3000, DX-2000 or a DX-1000, you can specify 400 dpi resolution for better clarity.

Ifax Mailer software is an add-in program for the TIFF Converter that links the email client for MAPI to the TIFF converter for the Internet FAX.

To send a printing 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.
Ifax Mailer, allows you to automatically create TIFF files by pressing one button form the TIFF Converter for the Internet FAX.

You can download the Panasonic's TIFF Converter and ifax Mailer software and their respective User's Guides from any of the following URL addresses:

http://www.panasonic.co.jp/mgcs/internetfax/
http://www.panasonic.com/internetfax

To simplify the Relay Transmission operation, Panasonic has an Optional Panafax Fax Gateway software.
Please visit the following URL address for more details:

http://www.panasonic.com/office

Printouts and Reports

When you use Relayed Transmission, relay station will send the following two reports to help you check and keep track of your faxes.

1. Relay XMT Report (COMM. JOURNAL)
When the relay station finishes transmitting to the End Receiving Station, it will send a COMM. Journal to you when the Fax Parameter No. 143 is set to "Always" or "Inc. Only", this tells you whether the transmission was successful or not.

2. Transmission Journal
When the Relay Station receives instructions for a relayed transmission, a notification is emailed to the registered manager (see "Setting up your DP-2500/3000 as an Internet Relay Station" on page 104).

Sample Relay XMT Report (COMM. JOURNAL)

```
************** -COMM. JOURNAL - **************** DATE MAR-12-2001 **** TIME 15:00 ********

 (1)                                        (2)                    (3)
 MODE = RELAYED TRANSMISSION                START= MAR-12 15:00    END= MAR-12 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     [ROMA     ] ROMA                                      001/001      00:00:15


                                           - PANASONIC -

************************************** - HEAD OFFICE    - ****** - 201 555 1212 - *******
```

(1) Indicates the communication mode

(2) Start time of communication

(3) End time of communication

(4) File number   : 001 to 999

(5) Sequential number of the stations

(6) Communication result   : "R-OK" indicates that the Relayed XMT Request was successful.
3-digit Info Code (see page 129) indicates that the communication has failed.

(7) Key Name

(8) Telephone Number, Email Address or Station Name of the end receiving station

(9) Number of pages transmitted   : 3-digit number represents the number of pages successfully transmitted.

(10) Duration of communication

NOTE

> 1. If you transmit through more than one Relay Station, you will receive a separate Result Report.

Relayed Transmission

Sample Relayed Transmission Notification Email to a Manager
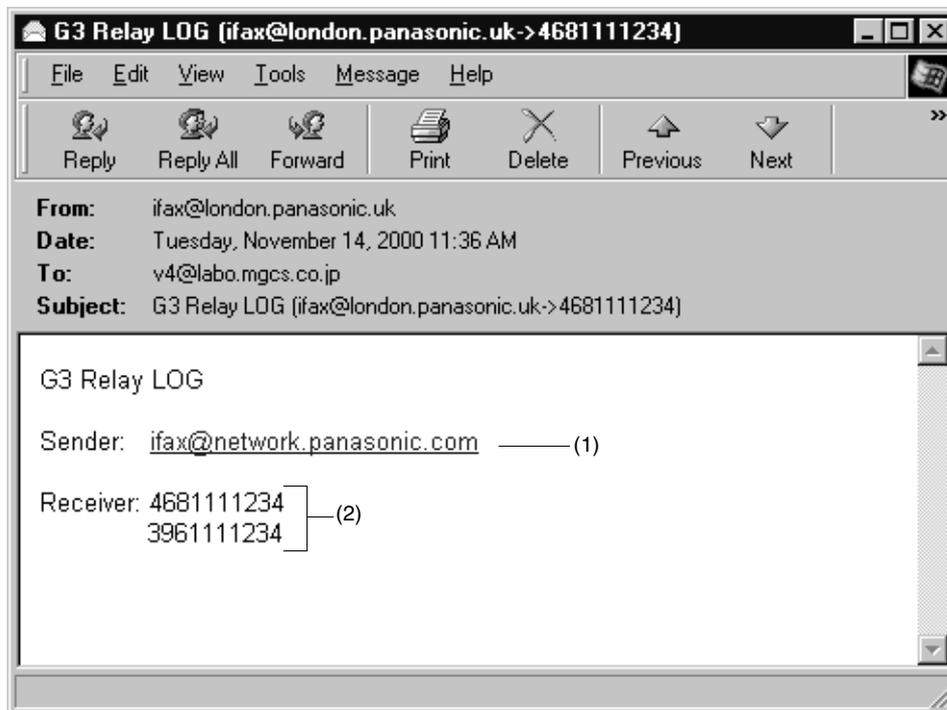
Explanation of Contents

(1) Email address of the sender's Internet Fax (DP-2500/3000) or PC

(2) End Receiving Station's G3 fax telephone number(s)

This page is intentionally left blank.

Journals and Lists

To help you maintain records of the documents you sent and received, as well as lists of the numbers you record, your facsimile machine is equipped to print the following journals and lists: Transaction Journal, Individual Transmission Journal, Communication Journal, Phone Book List, Program List, Fax Parameter List and File List.

Transaction Journal

The "Journal" is a record of the last 100 transactions (a transaction is recorded each time you send or receive a document). It prints automatically after every 100 transactions (see Note 1) or you can print or view it manually by using the following procedure:

Make sure that the INTERNET lamp is ON. If not, press ⊕ to select the "INTERNET MODE".

1   FUNCTION

```
SELECT A FUNCTION

DEFERRED COMM.        POLLING
ADVANCED COMM.       SELECT MODE
EDIT FILE MODE        PRINT OUT
SET MODE          EDIT PHONE BOOK
```

2   PRINT OUT   01 JOURNAL

```
JOURNAL
SELECT A FUNCTION

01 PRINT OUT
02 XMT ONLY (VIEW)
03 ALL (VIEW)
04
05

◀        ▶        CANCEL      O K
```

3a   01 PRINT OUT   to print a Journal

Continued on the next page...
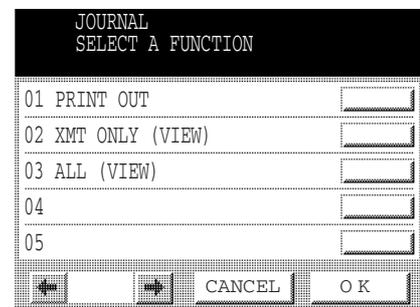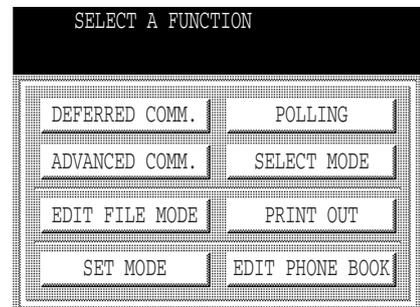
3b 02 XMT ONLY to view transmission transactions only

3c 03 ALL to view all transactions

You can view the transactions in the journal by pressing ◀ or ▶. Press STOP to return to standby.

Date & Time	File Number		Communication Result

```
03-12 10:00   No.001 P001  OK
XMT              ☎5551234
```

Communication Result

OK	: Communication was successful.
B-OK	: Batch Transmission was successful.
P-OK	: Reserved Transmission was successful under memory full condition.
R-OK	: Relayed Transmission was successful.
BUSY	: Line busy
- -	: LAN Transmission
STOP	: STOP was pressed.
3-digit Info Code	: Communication has failed

(Refer to page 129 for details.)

Number of pages successfully transmitted or received.

Type of Communication

XMT	: Transmission
RCV	: Reception
POL	: Polling
PLD	: Polled
FWD	: Fax Foward

Received ID,
Record name,
Dialed telephone number
or email address

NOTE

1. If you wish to disable the automatic printing of the Transaction Journal, change the setting of Fax Parameter No. 013 to "Invalid". (See page 54)

Journals and Lists

Sample Transaction Journal

```
                                                      (1)                    (2)
***************** –JOURNAL– ************************ DATE MAR–12–2001 ***** 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

  01    OK    001/001  149  00:00:52  XMT   ☎215                     MAR–12   20:04   C8444B0577000
  02    ––    001/001  151  00:00:02  XMT   TEST                     MAR–12   20:07   01 STN(S) LAN
  03    ––    003/003  153  00:00:20  XMT   fax@nwfax1               MAR–12   20:09   01 STN(S) LAN
  04    OK    003      154  00:00:21  RCV   fax@nwfax1.rdmg.mgcs     MAR–12   20:10            LAN
  05    OK    001      155  00:00:19  RCV   215                      MAR–12   20:11   C0542B0577000
  06    634   000/003  156  00:00:00  XMT   ☎216                     MAR–12   20:14   0800420000000
  07    408 * 003           00:02:14  XMT   ☎217                     MAR–12   21:17   0040440A30080




  49    OK    000/001  159  00:00:07  XMT   TEL XMT                  MAR–12   20:18   CA40462000000
  50    OK    001/001  160  00:00:16  XMT   TEL XMT                  MAR–12   20:19   C8444B0577000
                                            <<  CONTINUE  >>
                                               (13)
                                                          –PANASONIC              –

*********************************** –HEAD OFFICE   – ***** –           201 555 1212– *********
                               (15)                                   (14)
```

```
                                                      (1)                    (2)
***************** –JOURNAL– ************************ DATE MAR–12–2001 ***** 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

  51    OK    001/001  229  00:00:48  XMT   PANAFAX                  MAR–12   22:04   C8444B0577000
  52    ––    001/001  230  00:00:01  XMT   PANASONIC                MAR–12   23:07   01 STN(S) LAN
  53    ––    003/003  231  00:00:12  XMT   fax@nwfax1               MAR–12   23:09   01 STN(S) LAN
  54    OK    003      231  00:00:14  RCV   fax@nwfax1.rdmg.mgcs     MAR–12   24:10            LAN




  00    OK    001/001  332  00:01:10  XMT   AAAAAA                   MAR–12   23:19   C8444B0577000


                                            (13)
                                                    PANASONIC –

*********************************** –HEAD OFFICE   – ***** –           201 555 1212– *********
                               (15)                                   (14)
```

Continued on the next page...

> **NOTE**
>
> 1. *Email transmission sent to multiple locations is recorded as a single transaction on the Journal.*

Journals and Lists

Explanation of contents

(1) Printout date

(2) Printout time

(3) Journal number

(4) Communication result   : "OK" indicates that the communication was successful.
"BUSY" indicates that the communication has failed because of busy line.
"STOP" indicates that **STOP** was pressed during communication.
"P-OK" indicates that memory overflow occurred while storing the documents into memory for transmission but successfully stored document(s) was sent.
"R-OK" indicates that the Relayed XMT was successful.
"- -" indicates LAN transmission.
"3-digit Info Code" (See page 129) indicates that the communication has failed.

(5) 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 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. Asterisk "*" indicates that the quality of some received copies was poor.

(6) File number   : 001 to 999 (If the communication is stored into memory, a file number is assigned for each communication.)

(7) Duration of communication

(8) Type of communication   : "XMT" means Transmission
"RCV" means Reception
"POL" means Polling
"FWD" means Fax Forward

(9) Remote station identification   : Name : Recorded name in the Phone Book or remote station's Character ID.
☎ number : Dialed telephone number (PIN code will not be shown)
Number : Remote station's ID number.
Email address

(10) Communication date

(11) 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 (COMM. JOURNAL)

The Communication Journal (COMM. JOURNAL) lets you verify whether the transmission or polling was successful. You may select the printout condition (Off/Always/Inc. only) in Fax Parameter No. 012.

Sample COMM. JOURNAL

```
************** - COMM. JOURNAL - ***************** DATE MAR-12-2001 **** TIME 15:00 **** P.01

   (1)                                       (2)                        (3)
  MODE = MEMORY TRANSMISSION                 START=MAR-12 14:50      END=MAR-12 15:00

      FILE NO.= 050 (4)

   (5)      (6)      (7)          (8)                                   (9)          (10)
  STN NO. COMM.  KEY NAME      STATION NAME/EMAIL ADDRESS/TELEPHONE NO.  PAGES        DURATION


  001      OK    [SERVICE   ]  SERVICE DEPT.                            001/001      00:01:30
  002      OK    [SALES DEPT]  SALES DEPT.                              001/001      00:01:25
  003      407   [ACCOUNTING]  ACCOUNTING DEPT.                         000/001      00:01:45
  004      BUSY    ☎          021 111 1234                             000/001      00:00:00


                                                      - PANASONIC -

*********************************** - 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
```

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

    At the remote terminal, demodulation reconstructs the video
signal, which 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 uses for this facility in your organisation.

                    Yours sincerely,


                    Phil.

                    P.J. CROSS
                    Group Leader - Facsimile Research
```

Continued on the next page...

Explanation of contents

(1) Indication of communication mode

(2) Start time of communication

(3) End time of communication

(4) File number : 001 to 999 (When the communication is stored into memory, a file number is assigned for each communication.)

(5) Station number : Sequential number of the Stations.

(6) Communication result : "OK" indicates that the communication was successful.
"BUSY" indicates that the communication has failed because of busy line.
"STOP" indicates that **STOP** was pressed during communication.
"P-OK" indicates that memory overflow occurred while storing the documents into memory for transmission but successfully stored document(s) was sent.
"R-OK" indicates that the Relayed XMT was successful.
"- -" indicates LAN transmission.
"3-digit Info Code" (see page 129) indicates that the communication has failed. In this case, the machine will print out the attached report with first page of your document as shown on the previous page.

(7) One-Touch/Abbreviated number or ☎ mark : ☎ mark indicates dialed by direct number dial.

(8) Recorded name in the Phone Book, direct dialing number, or email address

(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 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

Journals and Lists

Phone Book List

To print a Phone Book List of telephone numbers and email addresses you have stored

Make sure that the INTERNET lamp is ON. If not, press (INTERNET) to select the "INTERNET MODE".

1   FUNCTION

```
SELECT A FUNCTION

DEFERRED COMM.        POLLING

ADVANCED COMM.      SELECT MODE

EDIT FILE MODE       PRINT OUT

SET MODE         EDIT PHONE BOOK
```

2   PRINT OUT   02 PHONE BOOK LIST

```
PHONE BOOK LIST
* PRINTING *

ABC   DEF   GHI   JKL   MNO   ▶
Email              Email
AMERICA  ASIA    CHINA
AFRICA   BERLIN                    ⬆
Email     Email
ANTARCTICA BRAZIL                 1/1
Email     Email
APOLLO   CANADA                    ⬇

JOB                A ⊞
STATUS  KEYBOARD  ORIGINAL  LIGHTER DARKER
```
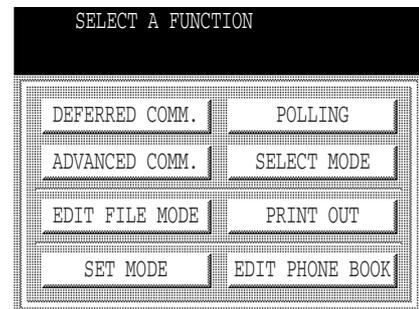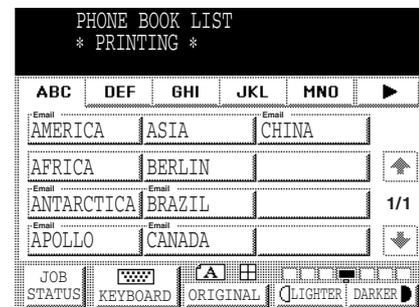
Journals and Lists

Sample Phone Book List

```
*************** -PHONE BOOK LIST- ****************** DATE MAR-12-2001 ***** TIME 11:11 *******
         (1)              (2)              (3)                                    (7)
    KEY NAME         STATION NAME   EMAIL ADDRESS / TELEPHONE NO.
                                    ROUTING SUB-ADDR  (5) ROUTING TSI       (6) RELAY ADDR

[B][Bob Jones ]   Bob Jones      jonesb@abcdefg.com
                                 123456               201 555 1212
[J][John Smith]   John Smith     ☎201 555 3456
                                 4452                 +1 201 123 4567        [RELAY1]
[J][Jane Smith]   Jane Smith     ☎201 555 1212
                                 1212                 212 555 1234           [RELAY2]
[P][Panafax1  ]   Panafax1       panafax1@rdmg.mgcs.mei.co.jp
                                 4827                 +81 03 5251 1234
[P][Panafax2  ]   Panafax2       panafax2@rdnn.mgcs.mei.co.jp
                                 1773                 +81 0467 5251 1234


     NO. OF STATION = 05
                                              -PANASONIC              -

**************************************************-HEAD OFFICE - ***** - 201 555 1212- *********
```

Journals and Lists

Group and Program List

**To print a Group and Program List of the Dialing Patterns that you have previously entered into the Program Keys.**

Make sure that the INTERNET lamp is ON. If not, press to select the "INTERNET MODE".

1 FUNCTION

```
SELECT A FUNCTION

DEFERRED COMM.      POLLING

ADVANCED COMM.      SELECT MODE

EDIT FILE MODE      PRINT OUT

SET MODE            EDIT PHONE BOOK
```

2   PRINT OUT   03 PROGRAM LIST

```
PROGRAM LIST
* PRINTING *

ABC  DEF  GHI  JKL  MNO  ►

Email                    Email
AMERICA  ASIA      CHINA

AFRICA   BERLIN                    ⬆

Email        Email
ANTARCTICA BRAZIL                  1/1

Email        Email
APOLLO   CANADA                    ⬇

JOB    KEYBOARD  ORIGINAL  LIGHTER DARKER
STATUS
```
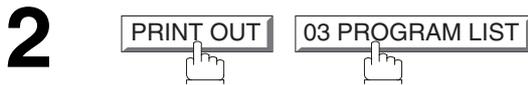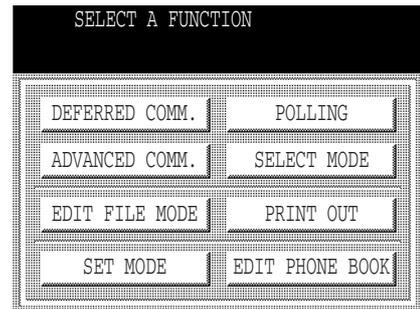
Sample Program List

```
*************** -PROGRAM LIST- ******************** DATE MAR-12-2001 ***** TIME 15:00 ********

(1)             (2)              (3)              (4)
KEY NAME        PROGRAM/NAME     TYPE     TIMER    DESTINATION

[TEST     ]     TEST             GROUP    -----    [PANAFAX][SALES DEPT]
[ACCOUNT  ]     ACCOUNT          POP      -----    DELETE E-MAIL : Invalid    (5)
[ACC      ]     ACC              POP      -----    DELETE E-MAIL : Valid
[PROG.B   ]     PROG. B          GROUP    -----    [PANAFAX][PANASONIC]

                                                    -PANASONIC              -

********************************* -HEAD OFFICE    - ***** -      201 555 1212- ********
```

Explanation of contents

(1) Program key

(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 a POP access key.

(4) Numbers recorded in the program   : PHONE BOOK numbers or password.
    key   Email address programmed into 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.

Journals and Lists

FAX Parameter List

To print a FAX Parameter List:

Make sure that the INTERNET lamp is ON. If not, press (INTERNET) to select the "INTERNET MODE".

1 FUNCTION

```
SELECT A FUNCTION

DEFERRED COMM.     POLLING
ADVANCED COMM.     SELECT MODE
EDIT FILE MODE     PRINT OUT
SET MODE           EDIT PHONE BOOK
```

2 PRINT OUT   04 FAX PARAMETER LIST

```
FAX PARAMETER LIST
* PRINTING *

ABC  DEF  GHI  JKL  MNO  ▶
Email           Email
AMERICA  ASIA    CHINA
AFRICA   BERLIN           ⬆
Email            Email
ANTARCTICA BRAZIL         1/1
Email            Email
APOLLO   CANADA           ⬇
JOB      KEYBOARD  ORIGINAL  LIGHTER DARKER
STATUS
```
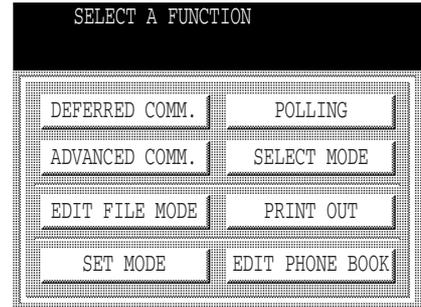
Sample FAX Parameter List

```
*************** -FAX PARAMETER LIST- ************** DATE MAR-12-2001 ***** TIME 15:00 *****
P.01

(1)          (2)                      (3)                                (4)        (5)
PARAMETER    DESCRIPTION              SELECTION                          CURRENT    STANDARD
 NUMBER                                                                  SETTING    SETTING

   001       CONTRAST   (HOME)        (1:Lighter.................7:Darker)     4          4
   002       RESOLUTION (HOME)        (1:Standard  2:Fine       3:S-Fine)     2          2
   003       ORIGINAL   (HOME)        (1:Text      2:Text/Photo  3:Photo)     1          1




   164       IFAX XMT HEADER          (1:Included   2:Not included)           1          1


                                                  -PANASONIC         -

************************************ -HEAD OFFICE   - ***** -      201 555 1212- *********
```

Explanation of contents

(1) Parameter number

(2) Description   :"(HOME)" means home position setting.

(4) Current setting   : "----" indicates code or password is not set. When the code or password is set, it is represented by asterisk(*).

(5) Standard setting   : Factory preset standard setting

Journals and Lists

(3) Selection

Sample Internet Parameter List

```
*************** -FAX PARAMETER LIST- ************** DATE MAR-12-2001 ***** TIME 11:11 *** P.02


        *** INTERNET PARAMETERS ***

        TIME ZONE             :   GMT-5:00 Eastern Time (US & Canada)

        MAC ADDRESS           :   080023000FF9

        IP ADDRESS            :   123.178.240.3
        SUBNET MASK           :   255.255.255.255
        SMTP SERVER NAME      :   smtp.mgcs.mei.co.jp
        DEF. ROUTER IP ADDR   :   172.21.22.1
        EMAIL ADDRESS         :   fax@mgcs.co.jp
        DNS SERVER IP ADDRESS :   133.185.247.45 (See Note 1)

        POP SERVER NAME       :   pop.mgcs.mei.co.jp
        POP USER NAME         :   Panasonic
        POP PASSWORD          :   *****

        HOST NAME             :   ifax001
        DEFAULT SUBJECT       :   Internet Fax from Sales Dept.
        DEFAULT DOMAIN        :   panasonic.com
        SELECTABLE DOMAINS
               (01)           :   mgcs.co.jp
               (02)           :   panasonic.co.jp
               (03)           :
               (04)           :
               (05)           :
               (06)           :
               (07)           :
               (08)           :
               (09)           :
               (10)           :
        REMOTE PASSWORD       :   *****

        RELAY XMT PASSWORD    :   *****
        MANAGER'S EMAIL ADDR  :   ifaxadmin@mgcs.co.jp
        RELAY DOMAINS
               (01)           :   panasonic.co.jp
               (02)           :   mgcs.co.jp
               (03)           :   sales.panasonic.com
               (04)           :   tech.panasonic.com
               (05)           :
               (06)           :
               (07)           :
               (08)           :
               (09)           :
               (10)           :
                                              -PANASONIC           -

***************************************************-HEAD OFFICE - ***** - 201 555 1212- *********
```

NOTE

> 1. By default the machine will prompt you to enter the SMTP and POP Server Names. To change the prompt to IP
>   Address, change the Fax Parameter No. 161 (DNS SERVER) to "Invalid".

127

This page is intentionally left blank.

Troubleshooting

Information Codes

When something unusual occurs, the display may show one of the Information Codes listed below. These will help you to identify and correct the problem.

Info. Code	Meaning	Action	Page
712	Incorrect email address.	Check the registered email address. Check the IP Address of the SMTP Server with the Network Administrator.	--
713	Memory overflow in the LAN Interface.	The document data exceeded 1.6 MB/page and cannot be sent.	--
714	Cannot logon to the LAN.	Check the 10Base-T/100Base-TX cable connection. An unexpected LAN problem occurred. Contact the Network Administrator.	--
715	TCP/IP connection timed out.	Check the Internet Fax parameter settings. Verify the IP Address, Default Router IP Address, SMTP Server IP Address.	--
716	Cannot logon to the designated SMTP Server.	Check the SMTP Server IP Address setting. Contact the Network Administrator.	--
717	Incomplete SMTP Protocol transmission. SMTP Server's hard disk may be full.	SMTP Server is defective. Contact the Network Administrator.	--
718	Page Memory Overflow occurred while receiving printing data. The paper size selected within your application to print is larger than the paper size loaded in the cassette(s).	Check the document size and resolution. Ask originator to re-send in a supported size and resolution.	--
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 a 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.	--
721	Cannot connect to the POP Server. (User Name or Password error)	Check the POP User Name and Password. Contact the Network Administrator.	--
725	DNS Server connection timed out. DNS Server is down.	Check the DNS Server IP Address. Contact the Network Administrator.	--
726	Received an error response from the DNS Server.	Check the POP Server Name. Check the SMTP Server Name.	--
730	Cannot retrieve the Journal nor program the Internet Parameters and the Auto Dialer remotely via email from a PC.	Check that the Fax Parameter No. 158 (PC REMOTE UPDATE) is set to "2:Valid".	57
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.	--

NOTE

1. *After identifying the problem and verifying the recommended action, if the Information Codes keep re-occurring or for help on Information Codes that appear on your machine but are not listed above, please contact your local Panasonic Authorized Dealer.*

Email ABBR Programming Errors

Error Message Sent to the Sender

Error messages that are emailed from the DP-2500/3000 to the original sender during remote programming of the Phone Book via email.

	Error message	Possible cause
1	554 Data transfer error (broken header)	The header or sub header decoding is being processed while the message finished, try again.
2	554 Data transfer error (broken data)	Multiple contents are present and being processed while the message finished, try again.
3	554 Data transfer error (FAX module)	Data transfer error occurred in the FAX module while communicating with the LAN module, try again.
4	554 MIME attachment not supported (message/file)	MIME attachment is not supported during this operation, re-send using plain text in the message body only.
5	554 MIME format not supported	MIME file type is not supported, re-send using plain text in the message body only.
6	554 G3 relay permission denied	The requested domain for Relayed XMT is not registered.
7	554 Relay address unknown	The telephone number of end receiving station for the Relayed XMT is unknown.
8	554 Memory full (FAX module)	FAX Memory is full, try again later.
9	554 Data transfer error	Other errors not listed above, try again later.

Internet FAX Return Receipt Errors Messages

Error messages that are printed on the Internet Fax Return Receipt when remote programming of the Phone Book via email fails.

	Error message	Possible cause
1	Format Error : <@command block, the "@end" command is missing.>	The block termination command "@end" is missing in the "@command" block, add the "@end" command and try again.
2	Format Error : <@begin block, the "@begin" command is missing.>	The block start command "@begin" is missing in the "@begin" block, add the "@begin" command and try again.
3	Format Error : <@begin block, the "@end" command is missing.>	The block termination command "@end" is missing in the "@begin" block, add the "@end" command and try again.
4	Format Error : <@system block, the "@end" command is missing.>	The block termination command "@end" is missing in the "@system" block, add the "@end" command and try again.
5	Format Error : <@sender block, the "@end" command is missing.>	The block termination command "@end" is missing in the "@sender" block, add the "@end" command and try again.
6	Format Error:<@domain block, the "@end" command is missing.>	The block termination command "@end" is missing in the "@domain" block, add the "@end" command and try again.
7	Format Error : <@program block, the "@end" command is missing.>	The block termination command "@end" is missing in the "@program" block, add the "@end" command and try again.
8	Format Error:<@system block, the "@system" command is missing.>	The system block start command "@system" is missing in the "@system" block, add the "@system" command and try again.
9	Permission denied : <Fax Forward parameter is set to "Valid".>	Change the Fax Forward parameter to "Invalid" and try again.
10	Permission denied : <Fax machine is busy performing a task.>	Try again later when the machine is not busy.
11	Error : <Programmed ABBR overwrite prohibited. Use open ABBR only.>	Can not overwrite existing programmed data, use the "Delete" command to erase the existing data first.
12	Permission denied : <Password is incorrect.>	Correct the password and try again.
13	Permission denied : <Remote Dialer Update parameter is set to "Invalid".>	Set the Remote Dialer Update parameter to "Valid".
14	Format Error : <error line>	The format of the Entry is incorrect / incomplete or the data string for each station is not defined within a single line.
15	Warning : <error line>	The format of the Entry is incorrect or the number of characters entered, exceed the maximum allowed in the field. Correct it and try again.
16	Warning : Field limit exceeded<error line>	The maximum number of Station Names, Key Names, Domain Names, Sender Selection Names, Program Names, etc... were exceeded.

Specifications

Standard Compliance   10Base-T Ethernet (IEEE 802.3), 100Base-TX Fast Ethernet (IEEE802.3u)

Connector Interfaces   10/100 Base-TX port: RJ-45

Compatibility   IETF RFC 2305, ITU-T T.37

Communication Protocol   TCP/IP, SMTP, POP3. MIME

File Format   TIFF MH [IETF RFC 2301 Profile S], MMR (400 dpi only)

Email Receiving Width   Maximum LEDGER size

Glossary

10Base-T/100Base-TX
An Ethernet standard for cable. The 10/100 refers to its 10/100 Mbps bandwidth, the base to single channel baseband, and the T to the Twisted pair. The cable uses two pairs of unshielded twisted wires.

Client
Clients are computers that run software programs used to contact and obtain data from Server software program on another computer, often across a great distance.

Default Router IP Address
This is your Router's Address, it is used by other Networks to determine which route to take when communicating with your Internet Fax.

Direct Dialing
The method of dialing where you enter the entire telephone number or email address through the keypad.

Directory Search Dialing
Allows you to dial a full telephone number or email address by searching the station's name or email address entered in the One-Touch keys or Abbreviated dialing numbers.

DNS (Domain Name Server)
The purpose of the DNS is to store records containing domain information, such as Fully Qualified Domain Names (FQDN) and translate them to TCP/IP addresses.

Domain Name
A unique name that identifies an Internet site. Domain Names always have 2 or more parts, separated by dots. The part on the left is the most specific, and the part on the right is the most general.

Email Address
The address for sending and receiving data by email. It consists of User name, Sub-domain name and Domain name.

End Receiving Station
In a relay network, the final station designated to receive the document.

Ethernet
A very common method of networking computers and equipment in a LAN. Ethernet can handle up to 100 Mbps and can be used with almost any kind of computer.

G3 Mode (Group 3)
Refers to the standards and transmission capabilities of the current generation of facsimile machines.

Group Dialing
The ability to program many telephone numbers and/or email addresses into a single station so that many locations can be dialed in sequence utilizing a single keystroke.

Halftone
A scanning technique to distinguish levels of gray from black and white. Your machine can detect up to 64 levels of gray in halftone mode.

Header
A row of information that is transmitted by the sending machine and printed on the top of each page by the receiving unit. This identifies the transmitting unit and information about the transmission, such as time and date.

Home Page
The page that your Browser displays when it starts up or the main web page for a business, organization, etc.

Glossary

Host	Any computer on a network that is a repository for services available to other computers on the network. A Host must have a unique Host name within a domain. The host is the first (left most) section of the Fully Qualified Domain Name (FQDN). The remainder of the FQDN is the domain and often tells you something about where the DP-2500/3000 is located (i.e., at Panasonic). **Example:** Your DP-2500/3000's email address is: **Fax@fax01.panasonic.com** In the example above **"fax01"** is the host and **"panasonic.com"** is the domain.
ID	A programmable address of up to 20 digits identifying your machine.
Information Code	A code that is internally generated by your Fax stating a specific operational error or machine failure.
Initial Sending Station	In a relay network, the station that is originating the document transmission.
Internet	The vast collection of inter-connected networks that all use the TCP/IP protocols. The Internet connects independent networks into a vast global internet.
Intranet	A private network inside a company or organization that uses the same kinds of software that you would find on the public Internet, but that is only for internal use.
IP Address	A unique number used to identify equipment or host computers on the Internet.
ISP **(Internet Service Provider)**	An institution that provides access to the Internet in some form, usually for money.
Journal	A report that is printed by your unit listing the last 100 transactions.
Keypad	A group of numeric keys located on your control panel.
LAN (Local Area Network)	A computer network system and printer limited to an immediate area, such as an Office, Factory, and University used to integrate and exchange data.
LCD	Liquid Crystal Display. The display area of your machine.
LOGO	Your programmed company name or identification up to 25 alphanumeric characters.
MAC Address	Its the hardware address, often referred to as MAC (Media Access Control) address that is assigned to the equipment. MAC address is hard-coded and is not configurable. The MAC address consists of 6 hexadecimal numbers separated by colons. **Example: 00:00:c0:34:f1:50**
Mail Gateway IP Address	The Address of the Mail Server. The Internet Fax communicates with your existing Mail Server for all communication traffic.
Mailing List	A system that allows people to send an email to one address, whereupon their message is conveyed to multiple subscribers on the Mailing List.
MAPI	Acronym for Message Application Programming Interface. A standard Windows interface for messaging that enables different mail programs and other mail-aware applications like word processors and spreadsheets to exchange messages and attachments with each other.

Glossary

MIME (Multipurpose Internet Mail Extension)	A standard used for attaching non-text (image) files to Internet email messages.
Multi-Station Transmission	The ability to broadcast the same set of documents to a programmed number of locations.
Network	Any time you connect 2 or more computers together so that they can share resources, you have a computer network. Connect 2 or more networks together and you have an internet.
POP (Post Office Protocol)	POP refers to the way email software such as Eudora or the DP-2500/3000 gets email from a mail server. You must always have a POP account that you tell your email software to use to retrieve your mail.
Program Keys	Keys that are defined for storing a sequence of stations to be dialed.
Protocol	A protocol is the special set of rules for communicating that the end points in a telecommunication connection use when they send signals back and forth. Both end points must recognize and observe the protocol.
Relay Address	A 2-digit code that identifies your machine is programmed in a relay network.
Relay Network	A group of facsimile machines that communicate via a relay station.
Relay Station	A certain type of facsimile machine that can store and forward documents to an end receiving station and/or a relay station in another relay network. Your machine can not be used as a relay station.
Relayed Transmission	Sending a document to a relay station, which in turn, sends the document to the end receiving station.
Relayed Transmission Report	A report that contains information regarding the last document transmission to a relay station.
Resolution	Relates to the number of dots scanned or printed per certain square. The quality of the image increases as the number of dots per certain square increases.
Router	A special purpose computer (or software package) that handles the connection between 2 or more networks. Routers act like traffic cops, they spend their time looking at the destination addresses of the packets passing through them and deciding which route to send them on.
Sender Selection	The user can select one of 24 pre-programmed sender's name and email address/telephone number before each transmission.
Server	A computer, or a software package, that provides a specific kind of service to client software running on other computers. A single server machine could have several different server software packages running on it, thus providing many different servers to clients on the network.
SMTP (Simple Mail Transfer Protocol)	This is the main communication protocol used to send and receive email on the Internet.
Station Name	Alphanumeric ID which can be programmed for each One-Touch dialing and Abbreviated dialing number.
Sub-Address	ITU-T recommendation for further routing, forwarding or relaying of incoming faxes.
Sub-Address Password	ITU-T recommendation for additional security that corresponds to the Sub-address.

134

Glossary

Subnet Mask	A mask bit used to manage sub-segments of the network which is defined with network IDs.
TCP/IP (Transmission Control Protocol/Internet Protocol)	TCP/IP is a suite of protocols used to connect to the Internet and wide-area networks.
TIFF Image Viewer	An application software to view the contents of TIFF-F File. Some TIFF Image Viewers may not display the data properly.
TIFF-F (Tagged Image File Format)	An image file format for attachments of graphic data for smooth transmission between different units. The coding method of this format supports the same coding as Modified Huffman (MH) and multiple-page image data.
User Parameter	Programmed parameters that provide information to other stations. Examples are logo, character ID, date and time.
View Mode - File List	Allows you to view the brief contents of the memory files through the LCD display without having to print the Memory File List.
View Mode - Journal	Allows you to view the brief contents of the journal through the LCD display without having to print the journal.

Index

Fax Number / Email Address Directory

Name	Number / Email Address

For Service, Call: _____