

**TOSHIBA**

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**DIGITAL PLAIN PAPER COPIER  
OPERATOR'S MANUAL  
FOR INTERNET FACSIMILE FUNCTION**

**e-STUDIO 16/20/25**

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## For U.S.A. only

### WARNING FCC Notice: Part 15

This terminal has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, and can radiate radio frequency energy and, if not installed and used in accordance with this guide, may cause harmful interference to radio communications. Operation of this terminal in a residential area is likely to cause harmful interferences in which case the user will be required to correct the interference at his/her own expense.

### WARNING FCC Notice: Part 68

This equipment complies with Part 68 of the FCC Rules. On the rear of this equipment is a label that contains, among other information, the FCC Registration Number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.

The REN is used to determine the quantity of devices that may be connected to the telephone line. Excessive REN's on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the REN's should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total REN's contact the telephone company to determine the maximum REN for the calling area.

If your facsimile machine causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice is not practical, you will be notified as soon as possible, also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service.

If you experience trouble with this facsimile machine, please contact your authorized Toshiba dealer for repair/warranty information. If the trouble is causing harm to the telephone network, the telephone company may request you remove the equipment from the network, until the problem is resolved.

This equipment may not be used on coin service provided by the telephone network, connection to Party Line Service is subject to state tariffs. (Contact the state public utility commission, or corporation commission for information.)

This device is equipped with a USOC RJ11C connector.

**THE TELEPHONE CONSUMER PROTECTION ACT:** The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device to send any message via a telephone fax machine unless such a message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity, or other individual sending the message and the telephone number of the sending machine or such business, other entity, or individual.

### **TOSHIBA AMERICA BUSINESS SOLUTIONS, INC.**

Electronic Imaging Division  
2 Musick, Irvine, CA 92618-1631

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## For Canada only

**NOTICE:** The Industry Canada label identifies certified equipment. This certification means that the equipment meets telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to connect a facsimile to the facilities of their local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

**CAUTION:** Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Ringer Equivalence Number of your facsimile is 0.3.

**NOTICE:** The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5.

**AVIS:** L'étiquette d'Industrie Canada identifie le matériel homologué. Cette étiquette certifie que le matériel est conforme aux normes de protection, d'exploitation et de sécurité des réseaux de télécommunications, comme le prescrivent les documents concernant les exigences techniques relatives au matériel terminal. Le Ministère n'assure toutefois pas que le matériel fonctionnera à la satisfaction de l'utilisateur.

Avant d'installer ce matériel, l'utilisateur doit s'assurer qu'il est permis de le raccorder aux installations de l'entreprise locale de télécommunication. Le matériel doit également être installé en suivant une méthode acceptée de raccordement. L'abonné ne doit pas oublier qu'il est possible que la conformité aux conditions énoncées ci-dessus n'empêche pas la dégradation du service dans certaines situations.

Les réparations de matériel homologué doivent être coordonnées par un représentant désigné par le fournisseur. L'entreprise de télécommunications peut demander à l'utilisateur de débrancher un appareil à la suite de réparations ou de modifications effectuées par l'utilisateur ou à cause de mauvais fonctionnement.

Pour sa propre protection, l'utilisateur doit s'assurer que tous les fils de mise à la terre de la source d'énergie électrique, des lignes téléphoniques et des canalisations d'eau métalliques, s'il y en a, sont raccordés ensemble. Cette précaution est particulièrement importante dans les régions rurales.

**Avertissement:** L'utilisateur ne doit pas tenter de faire ces raccordements lui-même; il doit avoir recours à un service d'inspection des installations électriques, ou à un électricien, selon le cas.

L'indice d'équivalence de la sonnerie de ce matériel 0.3.

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**AVIS:** L'indice d'équivalence de la sonnerie (IES) assigné à chaque dispositif terminal indique le nombre maximal de terminaux qui peuvent être raccordés à une interface. La terminaison d'une interface téléphonique peut consister en une combinaison de quelques dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.

**TOSHIBA OF CANADA LIMITED**

Office Product Group  
191 McNABB STREET  
MARKHAM, ONTARIO L3R 8H2

**For New Zealand only**

"The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to the network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any is compatible with all of Telecom's network services."

"This equipment is not capable, under all operating conditions, of correct operation at the higher speeds for which it is designated. Telecom will accept no responsibility should difficulties arise in such circumstances."

"This equipment should not be used any circumstances which may constitute a nuisance to other Telecom customers."

"Not all telephones will respond to incoming ringing when connected to the extension socket."

"The decadic (or pulse) dialing on this device is unsuitable for use on the telecom network in New Zealand."

"This device does not support Faxability."

**TOSHIBA (AUSTRALIA) PTY LIMITED**

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Phone : 64 9 307 0279

# PREFACE

Thank you for purchasing the Toshiba GD-1070 Internet Fax kit for e-STUDIO16/20/25. This Operator's Manual describes the following:

- how to correctly use the e-STUDIO16/20/25 Internet Fax functions
- how to send and receive Internet Faxes
- how to inspect the Internet Fax unit
- how to troubleshoot

Before using the digital copier, thoroughly read and understand this Operator's Manual. Keep this Operator's Manual in a handy place for future reference.

\* This Operator's Manual applies to the e-STUDIO16/20/25 Internet facsimile function.

\* When the digital copier is used as a copier and a printer, be sure to read the Operator's Manual (for Copying Function) and Operator's Manual (for Printer Function).

■ To ensure correct and safe use of the Toshiba Digital Copier e-STUDIO16/20/25, this Operator's Manual describes safety precautions according to the following three levels of warning:

The meaning of these signal words are as follows. Before reading this Operator's Manual, you should fully understand the meaning and importance of these signal words.

Warning — Indicates a potentially hazardous situation which, if not avoided, could result in death, serious injury, or serious damage, or fire in the equipment or surrounding assets.

Caution — Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury, partial damage of the equipment or surrounding assets, or loss of data.

Note — Indicates a procedure you should follow to ensure the optimal performance of the digital copier and problem-free copying.

Tip — Describes information useful to know when operating the digital copier.

Advice — Describes an operation you should follow to maintain the digital copier in good working order.

## For European models only:

### Warning

**This is a Class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.**

- 1 Do not touch the connector terminal when disconnecting the cables of peripheral equipment.
2. Before opening any covers or removing any units from the copier, discharge the static electricity from your body by touching a metal part of the copier.

This product is carrying the CE-Mark in accordance with the related European Directives. Responsible for CE-marking is Toshiba Europe GmbH, Hammfelddamm 8, 41460 Neuss, Germany. Phone +49-2131-158-01.

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## Features of the e-STUDIO16/20/25 Internet Fax Functions

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- **Send a document as an E-mail through the Internet**

This machine can send a document as an E-mail through the Internet. The scanned image is converted to a TIFF-FX images and sent as an attachment of an E-mail.

- **Scan to E-mail**

This machine can scan a document and send the image as an E-mail to your PC.

- **Automatic receiving and manual receiving of an E-mail**

This machine can automatically or manually check the E-mail server to see whether an E-mail has been delivered. If an E-mail has been received, the machine will print out the E-mail.

- **75 one touch key to E-mail**

The remote party's E-mail address data can be registered to a one touch key. E-mail options can be registered for each address.

- **300 abbreviated dial numbers to E-mail**

E-mail addresses can be assigned to 300 abbreviated dial numbers in the range from No. 001 to 999.

- **Multi-address transmission to E-mail**

Transmissions of the same document to multiple E-mail addresses (up to 375 addresses) are possible using one operation sequence, in which preset abbreviated dial numbers (300), and one touch dial keys (75) can be used. When the multi-key is specified, key pad dialing of up to 1600 digits, or 100 locations, is also possible.

- **Transmission to E-mail from the sent and reception history**

Transmission can be performed by selecting an E-mail address from the sent and reception history list.

- **Onramp Gateway Transmission**

The e-STUDIO16/20/25 can be used as a Hub Station to forward fax documents from a facsimile to your client computer or Internet Fax machine through the Internet.

- **Offramp Gateway Transmission**

The e-STUDIO16/20/25 can be used as a Hub Station to forward E-mails from your client computer or Internet Fax machine to the any facsimiles through the public switched telephone network.

- **Error E-mail Transmission**

E-mails that cannot be printed by the machine can be forwarded to another E-mail address.

- **Supporting DSN (Delivery Status Notification)**

Transmission results are retrieved from the received DSN message and stored in the Activity Report as a transmission report. This machine automatically prints the DSN message.

- **Supporting MDN (Message Disposition Notification)**

An MDN request is added in the mail header of E-mails. If the machine receives the image data which exceeds the capability of this machine, the machine responds with a failure in the MDN message back to the original sender.

- **Additional Functions**

Enables users to configure the FTP (File Transfer Protocol) login name and the password for TOSHIBA Viewer, the server address of the ImageVision2000/SmartLink, and frame type for the Novell communication.

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# PRECAUTIONS

## Precautions for Internet Transmission

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Transmissions using the Internet Fax function are the same as E-mail transmissions. Before you start to use the Internet Fax function, it is recommended that you read this section and understand the precautions for Internet Transmission.

- An Internet Fax document is sent to the company E-mail server and out to the Internet. It is not sent via the PSTN, like regular facsimile transmissions.
- An error mail is sent back from the mail server when the E-mail document fails to be forwarded to the recipient.
- An error mail is sometimes not sent back even if the E-mail has failed.
- Internet transmission has minimal security. It is recommended that you use regular facsimile transmission when a confidential document is sent.
- Transmission times and receipt of an Internet fax is dependent upon the Internet traffic at the time of transmission.
- If the document being transmitted has a large amount of data it may not be successfully sent due to the configuration of the E-mail Server.



# INTRODUCTION

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# 1. BEFORE CONNECTING THE MACHINE TO INTERNET

Before connecting to the network, read this section to understand the Internet Fax functions.

## POP and SMTP

The available functions depend on whether this machine is setup to use the POP or SMTP for retrieving E-mail from a mail server.

POP (Post Office Protocol) and SMTP (Simple Mail Transfer Protocol):

“SMTP” is a mailing protocol for sending E-mail messages between servers. Usually the E-mail systems that transfer E-mails over the Internet use SMTP to send messages from one server to another. Then the E-mail message can be retrieved with an E-mail client using either “POP” or “IMAP”. “POP” is a protocol used to retrieve E-mail from a mail server.

When this machine uses POP for the Receive Mode:

This machine works as a POP client. Similar to most E-mail applications, this machine uses POP for receiving an E-mail message and SMTP for sending an E-mail message.

When this machine uses SMTP for the Receive Mode:

This machine works as one of the mail servers. The machine can transfer an E-mail message in the SMTP transmission.

The following table shows the available functions according to the type of the protocols set for the Receive Mode.

Functions	Receive Mode	
	POP	SMTP
Send a document as an E-mail	Yes	Yes
Automatic receiving of an E-mail	Yes	Yes
Manual receiving of an E-mail	Yes	No
One Touch Keys to E-mail	Yes	Yes
Abbreviated Dial Numbers to E-mail	Yes	Yes
Multi-address transmission to E-mail	Yes	Yes
Onramp Gateway	Yes	Yes
Offramp Gateway	No	Yes
Error E-mail Transmission	Yes	Yes

If the use of the Offramp Gateway function is not necessary, it is recommended that the Receive Mode is set to “POP” because some settings will be required to be set on the mail server if the Receive Mode is set to “SMTP”. For more information about the Offramp Gateway function, see “OFFRAMP GATEWAY SETUP” on page 3-35.

## Confirmed E-mail Server

The following table shows the list of E-mail servers that the Internet Fax kit supports.

	Server Name	Version
1	Sendmail	8.9.1
	Qpopper	3.0.2
2	Sendmail	8.9.3
	Qpopper	3.0.2
3	Microsoft Exchange	5.5
4	Qmail	1.03
5	LotusDomino	5.0.1a(Intl)

\* Products names in this manual are the trademarks or registered trademarks of their respective companies.

### Note

The mail server listed above may, or may not be used depending on your environment.

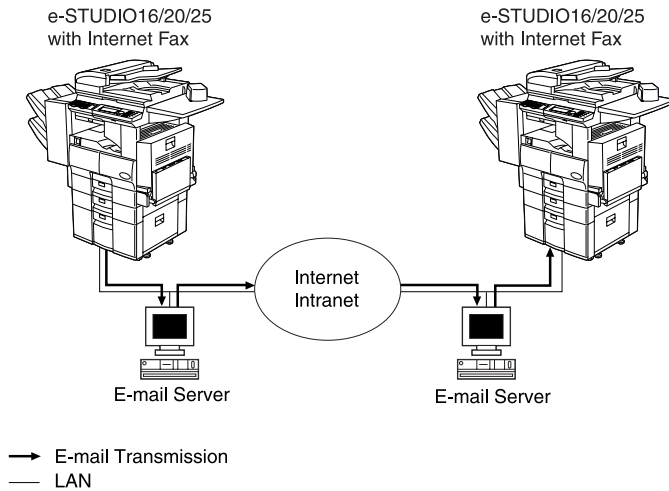
## 2. INTERNET FAX TRANSMISSION OVERVIEW

1

The following is an overview of the various transmissions that can be performed using the Internet Fax function.

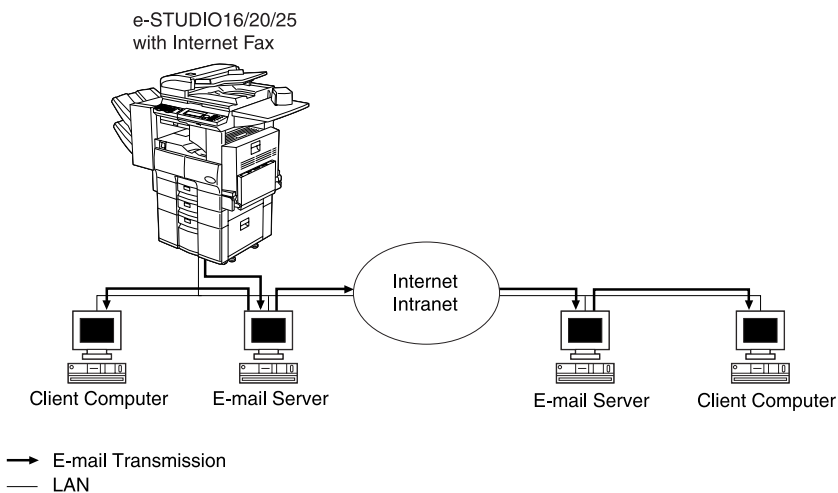
### Internet Fax to Internet Fax

The machine can send a document to another Internet Fax machine through the Internet or Intranet. The document is sent as an E-mail to the Internet Fax machine.



### Internet Fax to/from Client Computers

The machine can send a document to client computers through the Internet or Intranet. The client computers can send the E-mail to the machine as well.



#### Note

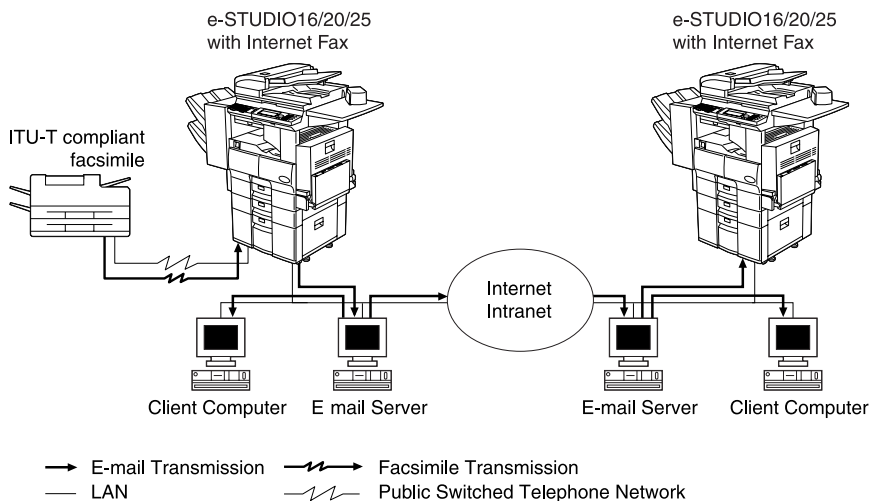
- The client computer receives TIFF-FX images when the machine sends a document using the Internet Fax function.
- The machine can only print out text files and TIFF-FX images. When sending E-mail from the client computer to this machine using the E-mail application, files other than text or TIFF-FX images cannot be sent.

## Onramp Gateway Transmission

The machine can convert received fax documents into E-mails, and forward them to other Internet Fax machines or client computers using Onramp Gateway transmission.

The machine can create the ITU-T relay mailbox which the E-mail addresses are registered as end stations to achieve the Onramp Gateway transmission.

Any ITU-T compatible facsimile can send a fax document to the ITU-T relay mailbox of the machine. The machine forwards E-mail to the E-mail addresses registered in the ITU-T relay mailbox.

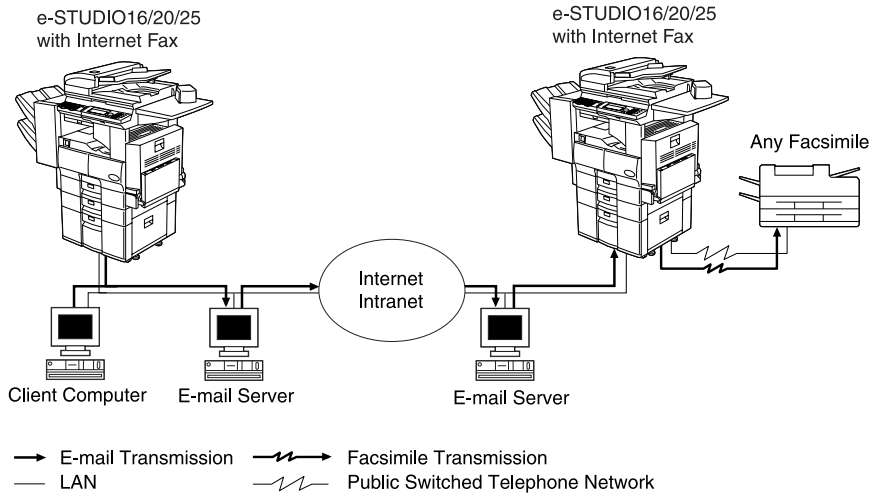


### Note

- Documents sent as an Internet Fax will be received as a TIFF-FX image on the client computer.

## Offramp Gateway Transmission

The machine can forward received E-mail documents to any facsimile through the public telephone line using Offramp Gateway transmission. If another Internet Fax machine or client computer sends a document to the Internet Fax machine through the Internet or Intranet, then the Internet Fax machine can forward the document to another facsimile through the public switched telephone network.



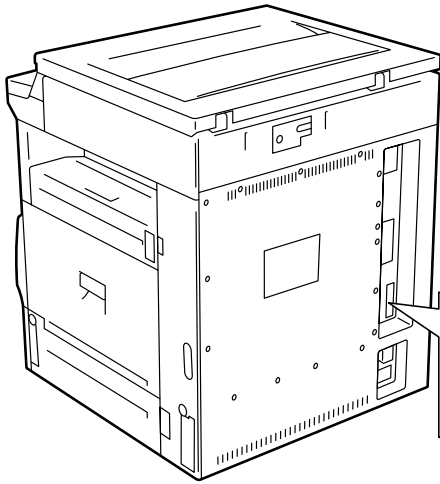
### Note

- To operate in this transmission, the machine must be set up to enable SMTP transmission. The same settings must also be configured on the mail server of your network.
- Documents sent as an Internet Fax will be received as a TIFF-FX image on the client computer.

# 3. FACSIMILE UNIT DESCRIPTION

1

## Rear View



### Green Indicator

The indicator that lights while the network interface card is properly connected to the network.

### Amber Indicator

The indicator that blinks while data is being communicated.

### 10BASE-T/100BASE-TX I/F

Connection for the 10BASE-T or 100BASE-TX cable to an Ethernet network.

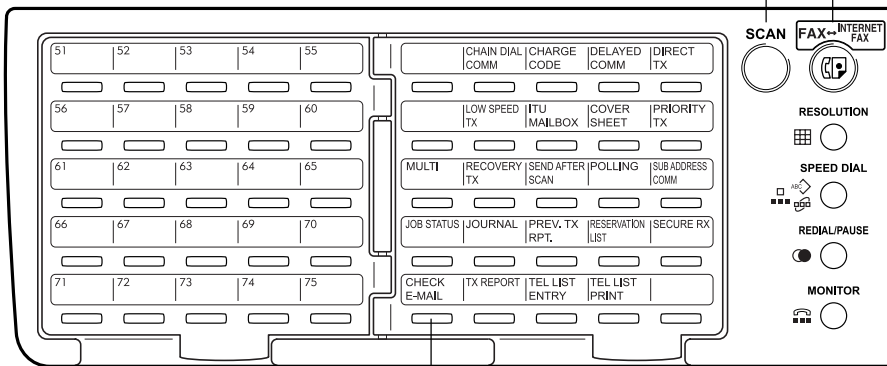
## Operation Panel

### SCAN

Press to enter the Scan to E-mail mode. The Scan to E-mail mode enables you to enter an E-mail address for a Scan to E-mail transmission. This mode is used to send a scanned image to your PC.

### FAX/INTERNET FAX

Press two times to enter the Internet Fax mode. The Internet Fax mode enables you to enter an E-mail address for an Internet Fax transmission.



### CHECK E-MAIL

Used to receive an E-mail immediately.

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# 1. RECEIVE E-MAIL

## Receiving Modes

The methods to receive an E-mail vary according to the type of protocols used for receiving an E-mail.

When "POP" is selected for the Receive Mode, the following receiving methods are available:

- **Auto Receive**

The machine accesses the E-mail server at specified intervals to check whether any E-mail has been delivered. If an E-mail has been delivered, the machine will automatically retrieve and print out the E-mail.

- **Manual Receive**

When the CHECK E-MAIL button is pressed, the machine manually accesses the E-mail server to check whether any E-mail has been delivered. If an E-mail has been delivered, the machine receives and prints out the E-mail.

When "SMTP" is selected for Receive Mode:

- **Auto Receive only**

When "SMTP" is selected for Receive Mode, the CHECK E-MAIL button is disabled. As soon as an E-mail is received by the email server via the Internet, the mail server will transfer the E-mail to this machine. For more details, see "Receiving from SMTP Server".

Printing of a received E-mail depends on the following settings:

- Print Text Body (See page 3-23)
- Body Page Limit (See page 3-24)
- Print Header (See page 3-26)
- Print E-mail Error (See page 3-27)

Users can set up these items to specify how the machine should perform when receiving an E-mail.

### Note

#### Available Format:

The machine can only print the TIFF-FX images and the text data. In addition, the resolution of the TIFF-FX image must be either 200x100 (dpi), 200x200, 200x400, 400x400. If the received E-mail contains files that are not the TIFF-FX images or text data, the machine will display an error message on the LCD Display.

However, the machine is able to print the E-mail except the parts in unknown format, or forward this E-mail to another E-mail address.


If you want to print the E-mail except the parts in unknown format, set up "Print E-mail Error" (See page 3-27).

If you want to forward the E-mail to another E-mail address when an error occurs, set up "Error E-mail Forward Address" (See page 3-12).

## Automatic Receiving Mode

To automatically receive E-mails from the E-mail server, set up the "POP Time" setting. See the section "POP Time Setting" on page 3-15.

## Manual Receiving Mode

- 1** Press the  key twice time to enter the I-Fax mode.

```
ENTER E-MAIL ADDRESS(256MAX):  
JUL04-2001 11:30AM M :100%  
RESOLUTION: 200dpi 0/1:AUTO  
COMM.OPTION▼
```

- 2** Press the  key.
- Your machine starts searching E-mails.

```
CHECK E-MAIL  
Searching...
```

- 3** Searching is completed.
- When the E-mail has been received, the following screen appears and starts printing. After completing printing, the screen returns to the I-Fax mode.

```
ENTER E-MAIL ADDRESS(256MAX):  
Printing  
RESOLUTION: 200dpi 0/1:AUTO  
COMM.OPTION▼
```

- When no E-mail has been received, the following screen appears. After 2 seconds, the screen returns to the I-Fax mode.

```
CHECK E-MAIL  
Not exist E-mail
```

## Receiving from SMTP Server

Once an E-mail to this machine is delivered through the Internet, this machine will automatically retrieve E-mail from the SMTP server using the SMTP transmission.

When the Receive Mode is set to SMTP, the sub-domain for this machine must be assigned at the SMTP server to receive E-mail or enable the Offramp Gateway transmission. In this case, this machine works as one of the E-mail servers.

When the SMTP server receives an E-mail intended for the sub-domain of this machine, the SMTP server will transfer the E-mail to this machine using the SMTP transmission. If an E-mail is sent to the E-mail address of this Internet Fax machine, it will them print the E-mail out.

### Note

When the Receive Mode is set to SMTP the machine cannot retrieve an E-mail from the mail server manually.

Please refer to "OFFRAMP GATEWAY SETUP" on page 3-40 for further details.

## Output Print Format for Receiving E-mail

When an Internet Fax message (or E-mail message) is received, the following output may be printed in addition to the originals (scanned data).

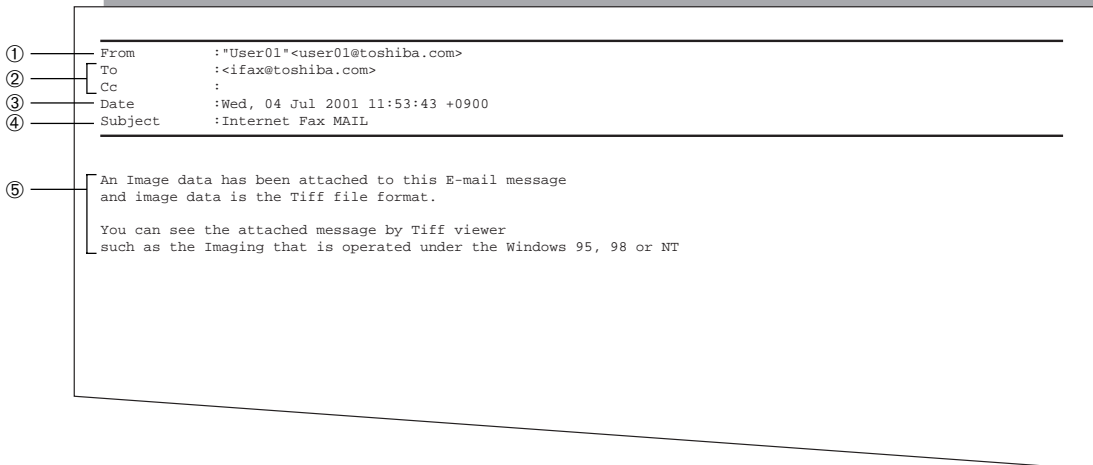
- Text Body
- Header

The Text Body and the Header of the received message is printed according to the settings of the E-mail properties on your machine.

### Text Body Output

This output is printed when the Print Text Body is set to ON or the E-mail has only the text body section and no attached image files.

► P3-23 Chapter 3 SETUP - E-MAIL PROPERTIES SETUP - Print Text Body Setting



- ① Sender name and address
- ② Recipients Lists
- ③ Date and time of the E-mail message was sent
- ④ Subject of the E-mail message
- ⑤ Body of the message

## Header Output

This output is printed when the Print Header is set to ON.

▶ P3-26 Chapter 3 SETUP - E-MAIL PROPERTIES SETUP - Print Header Setting

2

```
---- JUL-04-01 11:21 Received Mail ----
Received from ttake02 (T_TAKE02 [192.1.4.35]) by marshal.toshiba.com with SMTP (Microsoft Exchange Internet Mail Service Ver
sion 5.5.2448.0)
id GDYQCP2K: Wed, 04 Jul 2001 11:23:18 +0900
Message-ID: <003601c0a2c0865c7fs40$230401c01c0@ttake02>
From: "User01" <user01@toshiba.com>
To: <ifax@toshiba.com>
References: <200103025094228.3l@ifxa.toshibatec.com>
Subject: Internet Fax MAIL
Date: Wed, 04 Jul 2001 11:27:43 +0900
MIME-Version: 1.0
Content-Type: multipart/mixed;
    boundary="-----_NextPart_000_0033_01C0A30B.CC9EC9A0"
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 5.00.2314.1300
X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2314.1300

This is a multi-part message in MIME format.
```

## 2. SEND E-MAIL

The operation to send an Internet Fax can be divided into 3 parts.

- Selecting the Send Mode
- ▼
- Setting the Scanning Condition
- ▼
- Specifying the recipients

This section describes the instructions based upon the procedure above.

### How the machine sends scanned data:

When the document is sent to an E-mail address, the document is converted to TIFF-FX images.

### E-mail Notification Reports printed after sending an E-mail:

The following reports may or may not be printed after sending an Internet Fax.

**DSN Report** is printed when "Print DSN" is set to ON and the mail server successfully replied to your DSN request. See "DSN Report" on page 4-3 for a sample and descriptions.

**MDN Report** is printed when "Print MDN" is set to ON and the recipient successfully received your mail to reply to your MDN request. See "MDN Report" on page 4-4 for a sample and descriptions.

**Alert Report** is printed when "Confirmation Timer" is set to ON and the machine cannot successfully receive the MDN requested from a recipient. See "Alert Report" on page 4-5 for a sample and descriptions.

These are printed according to the E-mail properties and the environments of the recipients. For further details of related E-mail properties settings, see "E-MAIL PROPERTIES SETUP" on page 3-21.

## Selecting Send Mode

The Internet Fax has two types of send modes to send scanned images as an E-mail.

### Internet Fax Mode

This mode can be used to send an Internet Fax to other Internet Fax machines or PCs through an Internet. When you send a document in this method, all E-mail Properties settings are applied to this transmission.

### Scan to E-mail Mode


This mode can be used to send an Internet Fax to PCs which are located in your local area network. When you want to scan a document and send the image data to your PC, use this method. This method ignores the E-mail Properties settings of DSN and MDN so that this is useful when you do not require the disposition or notification of E-mail transmission status.

## Entering Internet Fax Mode

**1** Press the  key twice to enter the I-Fax mode.

ENTER E-MAIL ADDRESS(256MAX):
JUL04-2001 11:30AM M :100%
RESOLUTION: 200dpi D/A: AUTO
COMM. OPTION▼

## Entering Scan to E-mail Mode

- 1 Press the  key to enter the Scan to E-mail mode.

ENTER E-MAIL ADDRESS (256MAX):
JUL04-2001 11:30AM M :100%
RESOLUTION: 400dpi (D) :AUTO

## How to Set Scanning Condition


After selecting the Send Mode, you can specify the resolution, compression, paper size, and image density for scanned data.

## How to Set Receiver Capability



This operation is optional. You can specify the resolution mode, compression mode, and paper size if you know the receiver's capability. When you do not specify the resolution etc., the machine uses the default settings.



### Note

- You can also set the default resolution for the Scan to E-mail Mode. To set the option, see "SCAN TO E-MAIL SETUP" on page 3-33.

- 1 Press the  key at the Internet Fax Mode or Scan to E-mail Mode.



ENTER E-MAIL ADDRESS (256MAX):
JUL04-2001 11:30AM M :100%
RESOLUTION: 200dpi (D) :AUTO
COMM.OPTION ▼

- 2 Use the  key to select "CUSTOM" and press the  key.




- When you do not want to exit the resolution setting menu without customizing the resolution settings, select "DEFAULT (200x200)" and press the  key, or simply press the  key.

RESOLUTION
DEFAULT (200 X 200) ▲
CUSTOM ▼

- 3 Use the  or  key to select whether you know the receiver resolution.

- When you know the receiver's resolution and want to specify the resolution, select "1.YES" and press the  key. Go to next step.
- When you do not know the receiver's resolution and want to skip the setting, select "2.NO" and press the  key. Go to Step 5.



DO YOU KNOW THE RECEIVER RESOLUTION ?
1.YES ▲
2.NO ▼

- 4 Use the  or  key to select desired resolution mode and press the  key.

- To cancel setting midway, press the  key.

SELECT RECEIVER RESOLUTION
1.200 x 100 ▲
2.200 x 200
3.200 x 400 ▼
4.400 x 400

## 5 Use the or key to select whether you know the receiver compression.


- When you know the receiver's compression mode and want to specify the compression mode, select "1.YES" and press the  key. Go to next step.
- When you do not know the receiver's compression mode and want to skip the setting, select "2.NO" and press the  key. Go to Step 7.

DO YOU KNOW THE RECEIVER COMPRESSION ?
1 . YES
2 . NO

### Note

- When you are sending a document in the Scan to E-mail Mode, the scanning condition setting is completed in case you select "2.NO" at this screen.

## 6 Use the or key to select desired compression mode and press the key.



- To cancel setting midway, press the  key.

SELECT RECEIVER COMPRESSION
1 . MH
2 . MR
3 . MMR
4 . JBIG

### Note


- When you are sending a document in the Scan to E-mail Mode, only "MH" or "MMR" can be selected for the compression mode.
- When you are sending a document in the Scan to E-mail Mode, the scanning condition setting is completed.

## 7 Use the or key to select whether you know the receiver paper size.

- When you know the receiver's paper size and want to specify the paper size, select "1.YES" and press the  key. Go to next step.
- When you do not know the receiver's paper size and want to skip the setting, select "2.NO" and press the  key. Go to Step 9.

DO YOU KNOW THE RECEIVER PAPER SIZE ?
1 . YES
2 . NO

## 8 Use the or key to select desired paper size and press the key.

- To cancel setting midway, press the  key.

SELECT RECEIVER PAPER SIZE
1 . A4
2 . B4
3 . A3
4 . LT
5 . LG
6 . LD

## 9 Scanning condition setting is completed.

- Continue the operation for specifying the recipients.

ENTER E-MAIL ADDRESS(256MAX) :
JUL04-2001 11:30AM M :100%
RESOLUTION: CUSTOM  :AUTO
COMM.OPTION▼

## How to Set Image Density

Set the exposure according to the contrast of the original that you are sending.

2


### 1 Press the key at the Internet Fax Mode or Scan to E-mail Mode.

- If the desired contrast mode is already selected, there is no need to set it.


ENTER E-MAIL ADDRESS (256MAX):
JUL04-2001 11:30AM M :100%
RESOLUTION: 200dpi (D):AUTO
COMM.OPTION▼

### 2 Use the or key to select desired contrast mode.

- When you want the machine automatically to judge the contrast of the original and select the ideal contrast, select

“AUTO” and press the  key.

- When you want to select the contrast manually, select


“MANUAL” and press the  key.


ENTER E-MAIL ADDRESS (MAX256):
LIGHT AUTO ▲
/DARK: MANUAL ▼

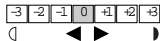
#### Note

- When you select “AUTO”, the operation is completed and the screen returns to the Internet Fax Mode or Scan to E-mail Mode.


### 3 Press or key to set the image density manually.

- To lighten the contrast, press the  key. Each press of this key moves the scale to the left to lighten the contrast.

- To darken the contrast, press the  key. Each press of this key moves the scale to the right to darken the contrast.

LIGHT/DARK
MANUAL:


### 4 Press the key to complete the setting.

- To cancel setting midway, press the  key twice.

ENTER E-MAIL ADDRESS (256MAX):
JUL04-2001 11:30AM M :100%
RESOLUTION: 200dpi (D):NORMAL
COMM.OPTION▼

## Specifying the Recipients

After you select the Send Mode and set the receiver's capacities (optional), you specify recipients and send an Internet Fax now.

This machine can send an Internet Fax using the following methods.

- **Direct Input**

Input the E-mail address directly to send a document.

- **One Touch Dialing**

Send a document to the E-mail address that is assigned to a One Touch key.

- **Abbreviated Dialing**

Send a document to the E-mail address that is assigned to an Abbreviated Dial Number.

- **Alphabet Dialing**

Search an E-mail address by ID name and send a document.

- **Sent History Dialing**

Select an E-mail address by Sent History and send a document.

- **Reception History Dialing**

Select an E-mail address by Reception History and send a document.

- **Group Broadcast Transmission**

Send a document to E-mail addresses that are assigned to Group Number. The E-mail addresses can be assigned to a Group Number, so that this feature allows you to send a document to multiple remote parties in a single operation. However, you cannot send a document to both E-mail addresses and fax numbers in a single operation.

- **Multi-key Quick Broadcast Transmission**

This Multi-key Quick Broadcast Transmission allows you to send a document to a combination of the following numbers without preprogramming a group. However, you cannot send a document to both E-mail addresses and fax numbers in a single operation.

- One Touch Dial Keys
- Abbreviated Dial Numbers
- Alphabet Dial
- Sent History
- Reception History
- Group Numbers
- Direct Input

## Sending Internet Fax by Direct Input

### 1 Enter the E-mail address using the Keypad at the Internet Fax Mode or Scan to E-mail Mode.

✉ : ifax@toshiba.com
JUL04-2001 11:30AM M :100%
RESOLUTION: 200dpi d/▶ :AUTO

- If you make a mistake, you can edit the entered address using the following keys on the control panel or the function keyboard.

CLEAR/STOP

C/⊗ **key:**

Pressing this key clears all of the values that you entered.

BACKSPACE **key:**

Each press of this key deletes the values that you are entering one by one.

DELETE **key:**

Pressing this key after highlighting the value with the  key deletes the value.

INSERT **key:**

Pressing this key permits the insertion of a desired character before (in front of) an existing character highlighted by the cursor. Press this key again to exit the Insert mode.

### 2 Press the START ⬇ key.

- When you set the original on the glass, go to step 3 and continue the operation.
- When you set the original on the ADF or RADF, the machine scans the original and sends the Internet Fax. After operation is completed, the screen returns to the Internet Fax Mode or E-mail to Scan Mode.

SCANNING TO MEMORY	
JOB NUMBER	: XXX
SCANNING PAGE	: YYY
RESIDUAL MEMORY	: ZZZ%


#### When scanning on the glass using e-STUDIO16:


When you set the original on the glass of e-STUDIO16, you have to select the original size before scanning. When you press the START  
⬇ key, the SELECT ORIGINAL SIZE screen is displayed.

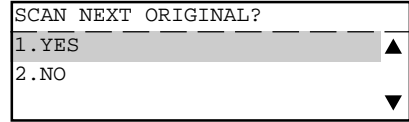
Select original size	
1.LT <input type="checkbox"/>	▲
2.LD <input type="checkbox"/>	
3.LT-R <input type="checkbox"/>	▼
4.LG <input type="checkbox"/>	
5.ST-R <input type="checkbox"/>	

Select the original size using the  or  key and press the SET key to start scanning.

### 3 Select whether scanning another original.

When you require scanning another original, select "1.YES" and press the  key to scan another original.

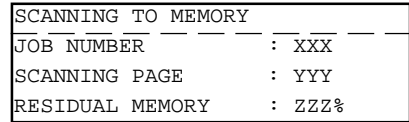
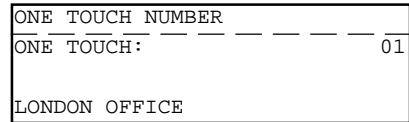
- When you do not require scanning another original, select "2.NO" and press the  key to complete the operation.



## Sending Internet Fax by One Touch Key

### 1 Press desired One Touch ( to ) key at the Internet Fax Mode or Scan to E-mail Mode.


- When you set the original on the glass, go to step 2 and continue the operation.
- When you set the original on the ADF or RADF, the machine scans the original and sends the Internet Fax. After operation is completed, the screen returns to the Internet Fax Mode or E-mail to Scan Mode.




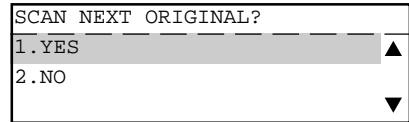
#### Note

- When scanning on the glass using e-STUDIO16, the SELECT ORIGINAL SIZE screen appears. See "When scanning on the glass using e-STUDIO16" on page 2-12.

### 2 Select whether scanning another original.

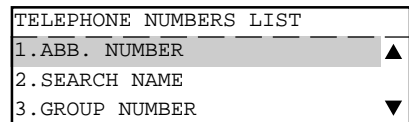
When you require scanning another original, select "1.YES" and press the  key to scan another original.

- When you do not require scanning another original, select "2.NO" and press the  key to complete the operation.



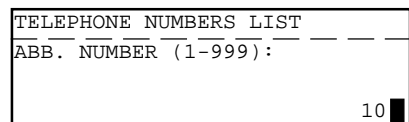
## Sending Internet Fax by Abbreviated Dialing

### 1 Press the key at the Internet Fax Mode or Scan to E-mail Mode.



### 2 Press to select "1.ABB. NUMBER".

### 3 Enter the Abbreviated Dial Number (1 to 999) assigned to the desired E-mail address.



## 4 Press the (or ) key.

- When you set the original on the glass, go to step 5 and continue the operation.
- When you set the original on the ADF or RADF, the machine scans the original and sends the Internet Fax. After operation is completed, the screen returns to the Internet Fax Mode or E-mail to Scan Mode.


### Note


- When scanning on the glass using e-STUDIO16, the SELECT ORIGINAL SIZE screen appears. See “When scanning on the glass using e-STUDIO16” on page 2-12.

TELEPHONE NUMBERS LIST	
ABB. NUMBER: _____	010
LONDON OFFICE	

SCANNING TO MEMORY	
JOB NUMBER _____	: XXX
SCANNING PAGE _____	: YYY
RESIDUAL MEMORY _____	: ZZZ%

## 5 Select whether scanning another original.

When you require scanning another original, select “1.YES” and press the  key to scan another original.

- When you do not require scanning another original, select “2.NO” and press the  key to complete the operation.

SCAN NEXT ORIGINAL?	
1.YES	▲
2.NO	▼

## Sending Internet Fax by Alphabet Dialing

## 1 Press the key at the Internet Fax Mode or Scan to E-mail Mode.

TELEPHONE NUMBERS LIST	
1.ABB. NUMBER	▲
2.SEARCH NAME	
3.GROUP NUMBER	▼

## 2 Press to select “2.SEARCH NAME”.

## 3 Enter the search characters using the keyboard on the Flip Panel and press the key.

- Only names beginning with the search character are presented. The names that have the search character in the middle are not presented.
- Searching can be done irrespective of upper or lower case characters.

SEARCH NAME	
ID NAME (MAX20):	
L	█

## 4 The relevant ID names are displayed. Select the destination using the or key.

SEARCH NAME	
L.A OFFICE	▲
LISBON OFFICE	
LONDON OFFICE	▼

## 5 Press the (or ) key.

- When you set the original on the glass, go to step 6 and continue the operation.
- When you set the original on the ADF or RADF, the machine scans the original and sends the Internet Fax. After operation is completed, the screen returns to the Internet Fax Mode or E-mail to Scan Mode.


### Note


- When scanning on the glass using e-STUDIO16, the SELECT ORIGINAL SIZE screen appears. See “When scanning on the glass using e-STUDIO16” on page 2-12.

TELEPHONE NUMBERS LIST	
ABB. NUMBER:	010
LONDON OFFICE	

SCANNING TO MEMORY	
JOB NUMBER	: XXX
SCANNING PAGE	: YYY
RESIDUAL MEMORY	: ZZZ%

## 6 Select whether scanning another original.

When you require scanning another original, select “1.YES” and press the  key to scan another original.

- When you do not require scanning another original, select “2.NO” and press the  key to complete the operation.

SCAN NEXT ORIGINAL?	
1.YES	▲
2.NO	▼

## Sending Internet Fax by Sent History Dialing

### 1 Press the key at the Internet Fax Mode or Scan to E-mail Mode.

### 2 Press to select “4.SENT HISTORY”.

### 3 The Sent History list are displayed. Select the destination using the or key.

TELEPHONE NUMBERS LIST	
1.ABB. NUMBER	▲
2.SEARCH NAME	
3.GROUP NUMBER	▼
4.SENT HISTORY	

SENT HISTORY	
user01@toshiba.com	▲
user02@toshiba.com	
user03@toshiba.com	▼

### 4 Press the (or ) key.


- When you set the original on the glass, go to step 5 and continue the operation.
- When you set the original on the ADF or RADF, the machine scans the original and sends the Internet Fax. After operation is completed, the screen returns to the Internet Fax Mode or E-mail to Scan Mode.


### Note

- When scanning on the glass using e-STUDIO16, the SELECT ORIGINAL SIZE screen appears. See “When scanning on the glass using e-STUDIO16” on page 2-12.

SCANNING TO MEMORY	
JOB NUMBER	: XXX
SCANNING PAGE	: YYY
RESIDUAL MEMORY	: ZZZ%

## 5 Select whether scanning another original.

When you require scanning another original, select "1.YES" and press the  key to scan another original.

- When you do not require scanning another original, select "2.NO" and press the  key to complete the operation.

SCAN NEXT ORIGINAL?	
1 .YES	▲
2 .NO	▼

## Sending Internet Fax by Reception History Dialing

### 1 Press the key at the Internet Fax Mode or Scan to E-mail Mode.

### 2 Press to select "5.RECEPTION HISTORY".

### 3 The Reception History list are displayed. Select the destination using the or key.

TELEPHONE NUMBERS LIST	
1.ABB. NUMBER	▲
2.SEARCH NAME	
3.GROUP NUMBER	▼
4.SENT HISTORY	
5.RECEPTION HISTORY	

RECEPTION HISTORY	
user01@toshiba.com	▲
user02@toshiba.com	
user03@toshiba.com	▼

### 4 Press the (or ) key.


- When you set the original on the glass, go to step 5 and continue the operation.
- When you set the original on the ADF or RADF, the machine scans the original and sends the Internet Fax. After operation is completed, the screen returns to the Internet Fax Mode or E-mail to Scan Mode.


SCANNING TO MEMORY	
JOB NUMBER	: XXX
SCANNING PAGE	: YYY
RESIDUAL MEMORY	: ZZZ%

#### Note

- When scanning on the glass using e-STUDIO16, the SELECT ORIGINAL SIZE screen appears. See "When scanning on the glass using e-STUDIO16" on page 2-12.


## 5 Select whether scanning another original.

When you require scanning another original, select "1.YES" and press the  key to scan another original.

- When you do not require scanning another original, select "2.NO" and press the  key to complete the operation.

SCAN NEXT ORIGINAL?	
1 .YES	▲
2 .NO	▼

## Sending Internet Fax by Group Dialing



**1** Press the  key at the Internet Fax Mode or Scan to E-mail Mode.

TELEPHONE NUMBERS LIST	
1.ABB. NUMBER	▲
2.SEARCH NAME	
3.GROUP NUMBER	▼

**2** Press **(3)** to select "3.GROUP NUMBER".

**3** Enter the Group Number (1 to 1999) assigned to the desired E-mail addresses group.

TELEPHONE NUMBERS LIST	
GROUP NUMBER (1-1999):	
	0530

**4** Press the  (or ) key.

- When you set the original on the glass, go to step 5 and continue the operation.
- When you set the original on the ADF or RADF, the machine scans the original and sends the Internet Fax. After operation is completed, the screen returns to the Internet Fax Mode or E-mail to Scan Mode.



TELEPHONE NUMBERS LIST	
GROUP NUMBER: 0530	
LONDON OFFICE	

SCANNING TO MEMORY	
JOB NUMBER	: XXX
SCANNING PAGE	: YYY
RESIDUAL MEMORY	: ZZZ%

### Note

- When scanning on the glass using e-STUDIO16, the SELECT ORIGINAL SIZE screen appears. See "When scanning on the glass using e-STUDIO16" on page 2-12.

**5** Select whether scanning another original.

- When you require scanning another original, select "1.YES" and press the  key to scan another original.
- When you do not require scanning another original, select "2.NO" and press the  key to complete the operation.

SCAN NEXT ORIGINAL?	
1.YES	▲
2.NO	▼

## Sending Internet Fax by Multi-Key Quick Broadcast

**1** Press the  key at the Internet Fax Mode or Scan to E-mail Mode.

MULTI GROUP 000	
ENTER E-MAIL ADDRESS OR, PRESS SPEED DIAL OR ONE TOUCH KEY	

## 2 Specify the E-mail addresses.

- Direct Input ▶ See page 2-12
- One Touch Key ▶ See page 2-13
- Abbreviated Number ▶ See page 2-14
- Alphabet Dialing ▶ See page 2-14
- Sent History Dialing ▶ See page 2-15
- Reception History Dialing ▶ See page 2-16
- Group Number ▶ See page 2-17

MULTI GROUP	000
✉:ifax@toshiba.com	





## 3 Select "NEXT DESTINATION" and press the key to specify another E-mail address until the E-mail addresses of all desired remote parties are entered.

- When the E-mail addresses of all the desired remote parties are entered, go to step 5.
- To delete or modify an E-mail address already programmed to a Manual Group Dial, go to step 4.

MULTI GROUP	XXX
NEXT DESTINATION	▲
REVIEW LIST	
COMPLETE	▼

## 4 Select "REVIEW LIST" and press the key.





### A. Delete the Existing destination.

- Use the  or  key to select the desired E-mail address and press  key.
- Select "1.YES" and press the  key.

001. ifax@toshiba.com	▲
002. LONDON OFFICE	
003. CHICAGO OFFICE	▼
DELETE	MODIFY

DELETE?	
ifax@toshiba.com	
1.YES	▲
2.NO	▼

### B. Modify the Existing destination.

- Use the  or  key to select the desired E-mail address and press  key.
- Enter correct E-mail address and press the  key.

MULTI GROUP	XXX
ifax@toshiba.com	
Deleted	

MULTI GROUP	XXX
✉:ifax@toshiba.com	

001. user01@toshiba.com	▲
002. LONDON OFFICE	
003. CHICAGO OFFICE	▼
DELETE	MODIFY

## 5 Specify all E-mail addresses and press the key or select "COMPLETE" and press the key.

# 3. AUTOMATIC TELEPHONE DIALING REGISTRATION

E-mail addresses can be assigned to Abbreviated Dial Numbers and One Touch Keys. The numbers are used for Abbreviated Dial E-mail transmission, One Touch E-mail transmission, and Group E-mail transmission. Once the addresses are assigned, the following features allow you to send documents to frequently sent addresses by pressing a few keys.

- **Abbreviated Dial Numbers**

This machine can store up to 300 E-mail addresses and 16-digit facsimile numbers with associated 20-character ID names. This information is stored into Abbreviated Dial Numbers labeled from 001 to 999.

- **One Touch Keys**

This machine can store up to 75 E-mail addresses and 16-digit facsimile numbers with associated 20-character ID names. This information is stored into One Touch Dial Numbers labeled from 01 to 75.

- **Group Numbers**

This machine can store up to 50 Broadcast Groups of Abbreviated Dial Numbers and One Touch Dial keys with associated 20-character location ID names. This information is stored into One Touch Dial Numbers labeled from 0001 to 1999.

**Important**

The total number of available destinations will vary depending upon the amount of information stored in each Abbreviated Dial Number, One Touch Key, and Group Number.

## Abbreviated Dialer Registration

### Registering New Abbreviated Dial Number

1 Press the  key.

2 Press the  key.

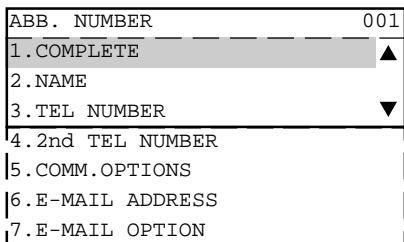
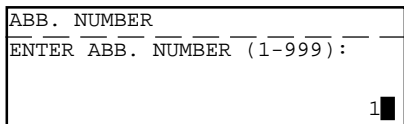
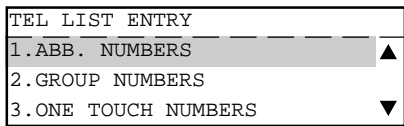
3 Select "1.ABB. NUMBERS" and press the  key.


4 Enter an Abbreviated Dial Number from 1 to 999 and press the  key.

- When the entered abbreviated Dial Number has already been preset, you can modify, delete or retain the setting. See "Modifying/Deleting an Existing Abbreviated Dial Number" on page 2-23.
- The ABB. NUMBER menu is displayed.

**Note**

The "NAME" and "E-MAIL ADDRESS" MUST be entered.



**5** Press **2** to select “2.NAME”. Enter the name of the E-mail address (up to 20 characters) and press the  key.

- The screen returns to the ABB. NUMBER menu.

ABB. NUMBER	001
ENTER ID NAME (MAX20):	
LONDON OFFICE	

**6** Press **6** to select “6.E-MAIL ADDRESS”.


- When you directly input an E-mail address, go to step 7.
- When you want to search an E-mail address from ABB. Number or One Touch Key, or select an E-mail address from Sent History or Reception History, go to step 8. Use this method to enter the E-mail address by editing a existing E-mail address rather than entering full E-mail address directly.

ABB. NUMBER	001
ENTER E-MAIL ADDRESS OR PRESS SPEED DIAL KEY	

**7** Enter an E-mail address and press the  key.


- The screen returns to the ABB. NUMBER menu. Go to step 16.

ABB. NUMBER	001
ENTER E-MAIL ADDRESS (MAX256):	
ifax@toshiba.com	

**8** Press the  key.

- When you want to search an E-mail address from ABB. Number or One Touch Key, go to step 9.
- When you want to select an E-mail address from Sent History List, go to step 12.
- When you want to select an E-mail address from Reception History List, go to step 14.

ABB. NUMBER	001
1. SEARCH NAME ▲	
2. SENT HISTORY	
3. RECEPTION HISTORY ▼	

**9** Press **1** to select “1.SEARCH NAME” and enter the search characters using the keyboard on the Flip Panel and press the  key.

- Only names beginning with the search character are presented. The names that have the search character in the middle are not presented.
- Searching can be done irrespective of upper or lower case characters.

ABB. NUMBER	001
ID NAME (MAX20):	
L	





**10** The relevant ID names are displayed. Select the destination using the  or  key and press the  key.

ABB. NUMBER	001
L.A OFFICE ▲	
LISBON OFFICE	
LONDON OFFICE ▼	

**11** Edit the E-mail address and press the  key.

- The screen returns to the ABB. NUMBER menu. Go to step 16.

ABB. NUMBER	001
ifax@toshiba.com	






- 12** Press **(2)** to select “2.SENT HISTORY”. Select an E-mail address using the  or  key and press the  key.

ABB. NUMBER	001
ifax@toshiba.com	
ifax02@toshiba.com	
ifax03@toshiba.com	


- 13** Edit the E-mail address and press the  key.
- The screen returns to the ABB. NUMBER menu. Go to step 16.

ABB. NUMBER	001
ifax@toshiba.com	






- 14** Press **(3)** to select “3.RECEPTION HISTORY”. Select an E-mail address using the  or  key and press the  key.

ABB. NUMBER	001
ifax@toshiba.com	
ifax02@toshiba.com	
ifax03@toshiba.com	






- 15** Edit the E-mail address and press the  key.
- The screen returns to the ABB. NUMBER menu. Go to step 16.

ABB. NUMBER	001
ifax@toshiba.com	

- 16** Press **(7)** to select “7.E-MAIL OPTION”.



E-MAIL OPTIONS	
1.OFF	
2.ON	

- 17** Press **(2)** to select “2.ON”.
- To skip the E-mail option, press **(1)**.

E-MAIL OPTIONS	
1.COMPLETE	
2.TX REPORT	
3.RECEIVER CAPABILITY	



- A. Press **(2)** to select “2.TX REPORT”.**

- Set whether or not to print a TX report.

TX REPORT	
1.OFF	
2.ON	



- B. Press **(2)** to select “3.RECEIVER CAPABILITY”.**

- To set the resolution go to step b-1.
- To set the compression, go to step b-2.
- To set the paper size, go to step b-3
- To complete the receiver capability, go to step b-4.

RECEIVER CAPABILITY	
1.COMPLETE	
2.RESOLUTION	
3.COMPRESSION	
4.PAPER SIZE	

- b-1. Press **(2)** to select “2.RESOLUTION”.**

- Select to program a resolution.

RESOLUTION	
1.200 x 100	
2.200 x 200	
3.200 x 400	
4.400 x 400	

**b-2. Press  $\textcircled{3}$  to select “3.COMPRESSION”.**

- Select to program a compression.

SELECT RECEIVER COMPRESSION	
1.MH	▲
2.MR	
3.MMR	▼
4.JBIG	

**b-3. Press  $\textcircled{4}$  to select “4.PAPER SIZE”.**

- Select to program a paper size.

SELECT RECEIVER PAPER SIZE	
1.A4	▲
2.B4	
3.A3	▼
4.LT	
5.LG	
6.LD	

**b-4. After you have completed all the desired settings of Receiver Capability, select “1.COMPLETE”.**

**18** After you have completed all the desired settings of E-mail Options, select “1.COMPLETE”.

- The screen returns to the ABB. NUMBER menu.

ABB. NUMBER	001
1.COMPLETE	▲
2.NAME	
3.TEL NUMBER	▼

**19** After you have completed all the desired settings of the Abbreviated Dial Number, select “1.COMPLETE”.

ABB. NUMBER	001
PRESS ONE TOUCH KEY	
TO ENTER OR	
[SET]:TO SKIP	

**20** Press the desired One Touch Key if you want to assign the registered Abbreviated Dial to a One Touch (  $\text{\textcircled{01}}$  to  $\text{\textcircled{75}}$  ) key.

ABB. NUMBER	001
ONE TOUCH :	02
LONDON OFFICE	

Press the  $\text{\textcircled{SET}}$  key if you do not want to assign the registered Abbreviated Dial to a One Touch Key.

- Continue to register another Abbreviated Dial Number or press the  $\text{\textcircled{CANCEL}}$  key to finish the registration.

ABB. NUMBER	
ENTER ABB. NUMBER (1-999):	
	■

## Modifying/Deleting an Existing Abbreviated Dial Number

**1** Press the  key.

**2** Press the  key.

**3** Select “1.ABB. NUMBERS” and press the  key.

**4** Enter an Abbreviated Dial Number from 1 to 999 and press the  key.

- The “Already assigned” message is displayed, and the MODIFY/DELETE menu is displayed on the screen.

TEL LIST ENTRY	
1.ABB. NUMBERS	▲
2.GROUP NUMBERS	
3.ONE TOUCH NUMBERS	▼

ABB. NUMBER	
ENTER ABB. NUMBER (1-999):	
	1

ABB. NUMBER	001
LONDON OFFICE	
Already assigned	

ABB. NUMBER	001
1.DELETE	▲
2.MODIFY	
3.RETAIN	▼

**5** Select the desired action for the Abbreviated Dial Number.

**A.** Press **1** to delete the Abbreviated Dial Number.

- Delete the Abbreviated Dial Number and the screen returns to the ABB. NUMBER entry screen at step 4.

ABB. NUMBER	001
LONDON OFFICE	
Deleted	

**B.** Press **2** to modify the Abbreviated Dial Number.

- The screen displays the ABB. NUMBER menu. See Step 5 to 20 described at “Registering New Abbreviated Dial Number” on page 2-19.

ABB. NUMBER	001
1.COMPLETE	▲
2.NAME	
3.TEL NUMBER	▼

**C.** Press **3** to retain the Abbreviated Dial Number.

- The screen returns to the ABB. NUMBER entry screen at step 4.

## One Touch Key Registration

This machine provides up to 75 One Touch keys. Keys  to  are accessible with the Flip Panel.

### 2

#### Registering New One Touch Key

**1** Press the  key.

**2** Press the  key.

**3** Select "3.ONE TOUCH NUMBERS" and press the  key.

TEL LIST ENTRY
1.ABB. NUMBERS ▲
2.GROUP NUMBERS
3.ONE TOUCH NUMBERS ▼

**4** Press the desired One Touch (  to  ) key.



- When the selected One Touch Key has already been preset, you can modify, delete or retain the setting. See "Modifying/Deleting an Existing One Touch Key" on page 2-27.
- The ONE TOUCH KEY menu is displayed.

ONE TOUCH KEY
PRESS ONE TOUCH KEY:

#### Note


The "NAME" and "E-MAIL ADDRESS" MUST be entered.

ONE TOUCH KEY	01
1.COMplete	▲
2.NAME	
3.TEL NUMBER	▼
4.2nd TEL NUMBER	
5.COMM.OPTIONS	
6.E-MAIL ADDRESS	
7.E-MAIL OPTION	

**5** Press  to select "2.NAME". Enter the name of the E-mail address (up to 20 characters) and press the  key.


ONE TOUCH KEY	01
ENTER ID NAME (MAX20):	
LONDON OFFICE █	

• The screen returns to the ONE TOUCH KEY menu.

**6** Press  to select "6.E-MAIL ADDRESS".


- When you directly input an E-mail address, go to step 7.
- When you want to select an E-mail address from ABB. Number or One Touch Key, go to step 8. Use this method to enter the E-mail address by editing an existing E-mail address rather than entering full E-mail address directly.

ONE TOUCH KEY	01
ENTER E-MAIL ADDRESS OR	
PRESS SPEED DIAL KEY	

**7** Enter an E-mail address and press the  key.


- The screen returns to the ONE TOUCH KEY menu. Go to step 16.

ONE TOUCH KEY	01
ENTER E-MAIL ADDRESS (MAX256):	
ifax@toshiba.com █	

**8** Press the  **key.**




- When you want to search an E-mail address from ABB. Number or One Touch Key, go to step 9.
- When you want to select an E-mail address from Sent History List, go to step 12.
- When you want to select an E-mail address from Reception History List, go to step 14.

ONE TOUCH KEY	01
1. SEARCH NAME	▲
2. SENT HISTORY	
3. RECEPTION HISTORY	▼


**9** Press **1** to select “1.SEARCH NAME” and enter the search characters using the keyboard on the Flip Panel and press the  **key.**

- Only names beginning with the search character are presented. The names that have the search character in the middle are not presented.
- Searching can be done irrespective of upper or lower case characters.

ONE TOUCH KEY	01
ID NAME (MAX20):	
L	




**10** The relevant ID names are displayed. Select the destination using the  or  key and press the  **key.**

ONE TOUCH KEY	01
L.A OFFICE	▲
LISBON OFFICE	
LONDON OFFICE	▼


**11** Edit the E-mail address and press the  **key.**

- The screen returns to the ONE TOUCH KEY menu. Go to step 16.

ONE TOUCH KEY	01
ifax@toshiba.com	




**12** Press **2** to select “2.SENT HISTORY”. Select an E-mail address using the  or  key and press the  **key.**

ONE TOUCH KEY	01
ifax@toshiba.com	▲
ifax02@toshiba.com	
ifax03@toshiba.com	▼


**13** Edit the E-mail address and press the  **key.**

- The screen returns to the ONE TOUCH KEY menu. Go to step 16.

ONE TOUCH KEY	01
ifax@toshiba.com	

**14** Press **3** to select “3.RECEPTION HISTORY”. Select an E-mail address using the  or  key and press the  **key.**

ONE TOUCH KEY	01
ifax@toshiba.com	▲
ifax02@toshiba.com	
ifax03@toshiba.com	▼

**15** Edit the E-mail address and press the  **key.**

- The screen returns to the ONE TOUCH KEY menu. Go to step 16.

ONE TOUCH KEY	01
ifax@toshiba.com	

**16** Press **7** to select “7.E-MAIL OPTION”.

E-MAIL OPTIONS	
1.OFF	▲
2.ON	▼

**17** Press **2** to select “2.ON”.  
 • To skip the E-mail option, press **1**.

E-MAIL OPTIONS	
1.COMPLETE	▲
2.TX REPORT	
3.RECEIVER CAPABILITY	▼

**A. Press 2 to select “2.TX REPORT”.**

- Set whether or not to print a TX report.

TX REPORT	
1.OFF	▲
2.ON	▼

**B. Press 3 to select “3.RECEIVER CAPABILITY”.**

- To set the resolution go to step b-1.
- To set the compression, go to step b-2.
- To set the paper size, go to step b-3
- To complete the receiver capability, go to step b-4.

RECEIVER CAPABILITY	
1.COMPLETE	▲
2.RESOLUTION	
3.COMPRESSION	▼
4.PAPER SIZE	

**b-1. Press 2 to select “2.RESOLUTION”.**

- Select to program a resolution.

RESOLUTION	
1.200 x 100	▲
2.200 x 200	
3.200 x 400	▼
4.400 x 400	

**b-2. Press 3 to select “3.COMPRESSION”.**

- Select to program a compression.

SELECT RECEIVER COMPRESSION	
1.MH	▲
2.MR	
3.MMR	▼
4.JBIG	

**b-3. Press 4 to select “4.PAPER SIZE”.**

- Select to program a paper size.

SELECT RECEIVER PAPER SIZE	
1.A4	▲
2.B4	
3.A3	▼
4.LT	
5.LG	
6.LD	


**b-4. After you have completed all the desired settings of Receiver Capability, select “1.COMPLETE”.**

**18** After you have completed all the desired settings of E-mail Options, select “1.COMPLETE”.

- The screen returns to the ONE TOUCH KEY menu.

ONE TOUCH KEY		01
1.COMPLETE	▲	
2.NAME		
3.TEL NUMBER	▼	

## 19 After you have completed all the desired settings of the One Touch Key, select “1.COMplete”.

- Continue to register another One Touch Key or press the  key to finish the registration.

ONE TOUCH KEY	_____
PRESS ONE TOUCH KEY	_____

### Modifying/Deleting an Existing One Touch Key

1 Press the  key.

2 Press the  key.

TEL LIST ENTRY	
1.ABB. NUMBERS	▲
2.GROUP NUMBERS	
3.ONE TOUCH NUMBERS	▼

3 Select “3.ONE TOUCH NUMBERS” and press the  key.

4 Press the desired One Touch (  to  ) key.

- The “Already assigned” message is displayed, and the screen becomes to the MODIFY/DELETE menu.

ONE TOUCH KEY	_____
PRESS ONE TOUCH KEY	_____

ONE TOUCH KEY	_____	01
LONDON OFFICE		
Already assigned		

ABB. NUMBER	_____	001
1.DELETE		▲
2.MODIFY		
3.RETAIN		▼

## 5 Select what you do with the One Touch Key.

A. Press  to delete the One Touch Key.

- Delete the Abbreviated Dial Number and the screen returns to the ABB. NUMBER entry screen at step 4.

ONE TOUCH KEY	_____	01
LONDON OFFICE		
Deleted		

B. Press  to modify the One Touch Key.

- The screen becomes to the ONE TOUCH KEY menu. See Step 5 to 19 described at “Registering New One Touch Key” on page 2-24.

ONE TOUCH KEY	_____	01
1.COMplete		▲
2.NAME		
3.TEL NUMBER		▼

C. Press  to retain the One Touch Key.

- The screen returns to the ONE TOUCH KEY entry screen at step 4.

## Group Number Registration

E-mail addresses can be assigned to the Group Numbers.

You can send a document to multiple remote stations in a single operation. This is referred to as Group Dialing or Multi-address Transmission.

It is useful to preset addresses, to which Multi-address Transmissions are often performed, in a group. To make a Multi-address Transmission easier, you can assign such a group to a One Touch key.

The preset groups can also be used as groups for Multi-polling Receptions.

You can register up to 50 Broadcast Groups using any combination of Group Numbers from 1 to 1999 (no duplications allowed). You may also assign each group an optional name of up to 20 characters.

Each group can contain any combination of the 300 Abbreviated and/or 75 One Touch dials and can be assigned to a One Touch key.

### Registering New Group Number

**1** Press the  key.

**2** Press the  key.

TEL LIST ENTRY	
1.ABB. NUMBERS	▲
2.GROUP NUMBERS	
3.ONE TOUCH NUMBERS	▼

**3** Select “2.GROUP NUMBERS” and press the  key.



**4** Press  to select “2.E-MAIL ADDRESS SETUP”.

GROUP NUMBER	
1.FAX NUMBER SETUP	▲
2.E-MAIL ADDRESS SETUP	▼

**5** Enter an Group Number from 1 to 1999 and press the  key.

- When the entered Group Number has already been preset, you can modify, delete or retain the setting. See “Modifying/Deleting an Existing Group Number” on page 2-31.
- The GROUP NUMBER menu is displayed.

GROUP NUMBER	
ENTER GROUP NUMBER (1-1999):	
	1

**6** Press  to select “2.NAME”. Enter the name of the Group Number (up to 20 characters) and press the  key.

- The screen returns to the GROUP NUMBER menu.

GROUP NUMBER		0001
1.COMPLETE		▲
2.NAME		
3.DESTINATIONS		▼

GROUP NUMBER		0001
ENTER ID NAME (MAX20):		
ABC GROUP		

**7** Press **3** to select “3.DESTINATIONS”. Then enter the addresses of the remote stations to be preset in the group.


GROUP NUMBER	0001
ENTER ABB. NUMBER	
OR ONE TOUCH KEY	

- To preset a One Touch Key to the group, go to step A.
- To preset an Abbreviated Dial Number to the group, go to step B.

**A. Press desired One Touch ( 01 to 75 ) Key.**

GROUP NUMBER	0001
ONE TOUCH:	02
LONDON OFFICE	

- After 2 seconds, the screen returns to the Group Number menu displayed in Step 8.

**B. Enter the desired Abbreviated Dial Number and press the  key.**

GROUP NUMBER	0001
ABB. NUMBER:	021
CHICAGO OFFICE	

- After 2 seconds, the screen returns to the Group Number menu displayed in Step 8.




**8** Press **1** to select “1.ADD NEXT NUMBER”. Repeat the operation until all desired destinations have been added to the group.

GROUP NUMBER	0001
1.ADD NEXT NUMBER	▲
2.REVIEW LIST	
3.COMPLETE	▼

**9** Press **2** to select “2.REVIEW LIST” if you want to modify or delete the destination added to the group.


- If you want delete the destination from the group list, go to step A.
- If you want to modify the destination added to the group list, go to step B.

**A. Delete the Destination**

a-1. Use the  or  key to select the destination you want to delete and press the  key.

001. COLORADO OFFICE	▲
002. LONDON OFFICE	
003. CHICAGO OFFICE	▼
DELETE	◀ ▶ MODIFY




GROUP NUMBER	0001
ABB. NUMBER	003
COLORADO OFFICE	

- a-2. Press  to select "1.YES" and delete the destination.


DELETE?	0001
COLORADO OFFICE	
1. YES	▲
2. NO	▼

GROUP NUMBER	0001
ABB. NUMBER	003
COLORADO OFFICE	
Deleted	

## B. Modify the Destination

- b-1. Use the  or  key to select the destination you want to modify and press the  key.

001. COLORADO OFFICE	▲
002. LONDON OFFICE	
003. CHICAGO OFFICE	▼
DELETE	MODIFY


- b-2. Enter another ABB. Number and press the  key, or press another One Touch Dial Key to be replaced.

GROUP NUMBER	0001
ENTER ABB. NUMBER (1-999):	
	5

001. L.A. OFFICE	▲
002. LONDON OFFICE	
003. CHICAGO OFFICE	▼
DELETE	MODIFY

- 10 Press the  key to complete modifying Remote Station.

GROUP NUMBER	0001
1.ADD NEXT NUMBER	
2.REVIEW LIST	
3.COMPLETE	



- 11 When all the addresses are entered, press  to select "3.COMPLETE".

- The screen returns to GROUP NUMBER menu.


GROUP NUMBER	0001
1.COMPLETE	
2.NAME	
3.DESTINATION	

- 12 After you have completed all the desired settings of the Group Number, select "1.COMPLETE".


GROUP NUMBER	0001
PRESS ONE TOUCH KEY	
TO ENTER OR	
[SET]: TO SKIP	

- 13 Press the desired One Touch Key if you want to assign the registered Group Number to a One Touch ( to ) key.

GROUP NUMBER	0001
ONE TOUCH :	
	04
ABC GROUP	

- Press the  key if you do not want to assign the registered Group Number to a One Touch Key.

- Continue to register another Group Number or press the

 key to finish the registration.

GROUP NUMBER	
ENTER GROUP NUMBER (1-1999):	

## Modifying/Deleting an Existing Group Number

**1** Press the  key.

**2** Press the  key.

TEL LIST ENTRY
1.ABB. NUMBERS ▲
2.GROUP NUMBERS
3.ONE TOUCH NUMBERS ▼

**3** Select “2.GROUP NUMBERS” and press the  key.

**4** Press  to select “2.E-MAIL ADDRESS SETUP”.

GROUP NUMBER
1.FAX NUMBER SETUP ▲
2.E-MAIL ADDRESS SETUP

**5** Enter a Group Number from 1 to 1999 and press the  key.

- The “Already assigned” message is displayed, and the screen displays the MODIFY/DELETE menu.

GROUP NUMBER
ENTER GROUP NUMBER (1-1999):
1

GROUP NUMBER	0001
ABC GROUP	
Already assigned	

GROUP NUMBER	0001
1.DELETE ▲	
2.MODIFY	
3.RETAIN ▼	

**6** Select one of the following Group Number options.

**A.** Press  to delete the Group Number.

- Delete the Group Number and the screen returns to the Group Number entry screen at step 5.

GROUP NUMBER	0001
ABC GROUP	
Deleted	

**B.** Press  to modify the Group Number.

- The screen displays the Group Number menu. See Step 6 to 13 described at “Registering New Group Number” on page 2-28.

GROUP NUMBER	0001
1.COMPLETE ▲	
2.NAME	
3.DESTINATIONS ▼	

**C.** Press  to retain the Group Number.

- The screen returns to the Group Number entry screen at step 5.



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# 1. SETUP FLOW

---

The following table describes the Initial Setup Flow according to your conditions or needs. To use the functions, the network configuration for this machine must be set up correctly. For the values of the network configuration, contact your network administrator.

## ◆ TCP/IP Configuration Setup

Setup the TCP/IP on the machine to connect to your local area network and the Internet.

▶ P3-4 TCP/IP CONFIGUTATION

## ◆ E-mail Account Setup

Setup the E-mail account information on your machine to enable the E-mail transmission.

▶ P3-10 E-MAIL ACCOUNT SETUP

## ◆ E-mail Properties Setup

You can also configure the E-mail properties. After the machine is set up, it is recommended to configure the E-mail properties to use Internet Fax features.

▶ P3-21 E-MAIL PROPERTIES SETUP

## ◆ Scan to E-mail Setup

You can configure the default value of the E-mail properties that are used for the Scan to E-mail transmission.

▶ P3-33 SCAN TO E-MAIL SETUP

## ◆ Onramp Gateway Setup

In order to use the Onramp Gateway Transmission, the relay mailbox that E-mail addresses are assigned for the end stations should be created.

▶ P3-35 ONRAMP GATEWAY SETUP

## ◆ Offramp Gateway Setup

In order to use the Offramp Gateway Transmission, the device must be set up accordingly.

▶ P3-40 OFFRAMP GATEWAY SETUP

## ◆ Additional Functions Setup

The setup functions for the Network utilities (FTP) are available when the Internet Fax Kit is installed, though they are not used for Internet Fax setup.

▶ P3-46 ADDITIONAL FUNCTIONS SETUP

## 2. TCP/IP CONFIGURATION

This section describes the procedures to configure the TCP/IP for the Network Interface Card to connect to the Internet.

The items and the parameter values for the TCP/IP Configuration Setup are dependent on if the IP address of the device is obtained from a DHCP server or assigned manually.

Item	Use DHCP Server	Assign IP Address
BootP/DHCP	Set to ON	Set to OFF
IP Address	Not required	Required
Subnetmask	Not required	Required if necessary
Default Gateway	Not required	Required if necessary
Host Name	Required	Required

3

- **BootP/DHCP**

Set to enable or disable the BootP/DHCP whether obtaining the IP address from the DHCP server. When the TCP/IP settings of this machine are provided by the DHCP server, set this to ON. Set the BootP/DHCP to OFF when you want to assign the TCP/IP settings manually.

- **IP Address**

Assign the IP address of this machine. Do not set this when the IP address is obtained from the DHCP server. The machine uses the IP address here even if the BootP/DHCP is set to be enabled.

- **Subnetmask**

Assign the Subnetmask if required.

- **Default Gateway**

Assign the Default Gateway address when the machine is used in the network through a router.

- **Host Name**

Set the FQDN of this machine. This name is used as the sender name for E-mails.

**Note**

When you want to set to SMTP for the Receive Mode, the IP address must be assigned manually.

## BootP/DHCP Setting

**1** Press the <sup>PROGRAM</sup>  key and press **0** **3** **0** **4**.

```
NETWORK
01 . COMPLETE
02 . TCP/IP
03 . NETWARE
```

**2** Press **0** **2** to select "02.TCP/IP".

```
TCP/IP
01 . BOOTP/DHCP
02 . IP ADDRESS
03 . SUBNET MASK
04 . DEFAULT GATEWAY
05 . HOST NAME
```

**3** Press **0** **1** to select "01.BOOTP/DHCP".

```
BOOTP/DHCP
1 . ENABLE
2 . DISABLE
```


**4** To enable the BOOTP/DHCP, press **1** to select "1.ENABLE".

```
TCP/IP
01 . BOOTP/DHCP
02 . IP ADDRESS
03 . SUBNET MASK
```

To disable the BOOTP/DHCP, press **2** to select "2.DISABLE".


- The display returns to the TCP/IP menu.

**5** Press the <sup>CANCEL</sup>  key.

- The display returns to the NETWORK menu.
- If you want to change another TCP/IP network setting, change the setting before pressing the <sup>CANCEL</sup>  key.

```
NETWORK
01 . COMPLETE
02 . TCP/IP
03 . NETWARE
```

**6** Press **0** **1** to select "01.COMPLETE". Save the network settings and start initializing.

- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
- If you want cancel the TCP/IP setting, press the <sup>CANCEL</sup>  key before selecting "01.COMPLETE".

```
NETWORK
Initializing
```

```
NETWORK
Operation completed
```

```
INITIAL SETUP
02 . LANGUAGE
03 . TERMINAL ID
04 . NETWORK
```

## IP Address Setting

**1** Press the <sup>PROGRAM</sup> key and press 0 3 0 4.

```
NETWORK
01 . COMPLETE
02 . TCP/IP
03 . NETWARE
```

**2** Press 0 2 to select "02.TCP/IP".

```
TCP/IP
01 . BOOTP/DHCP
02 . IP ADDRESS
03 . SUBNET MASK
04 . DEFAULT GATEWAY
05 . HOST NAME
```

**3** Press 0 2 to select "02.IP ADDRESS".

```
IP ADDRESS
000.000.000.000
```

**4** Enter the IP address using the Dial Keypad and press the <sup>SET</sup> key.

**5** Press the <sup>CANCEL</sup> key.

- The display returns to the NETWORK menu.
- If you want to change another TCP/IP network setting, change the setting before pressing the <sup>CANCEL</sup> key.

```
NETWORK
01 . COMPLETE
02 . TCP/IP
03 . NETWARE
```

**6** Press 0 1 to select "01.COMPLETE". Save the network settings and start initializing.

- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
- If you want cancel the TCP/IP setting, press the <sup>CANCEL</sup> key before selecting "01.COMPLETE".

```
NETWORK
Initializing
```

```
NETWORK
Operation completed
```

```
INITIAL SETUP
02 . LANGUAGE
03 . TERMINAL ID
04 . NETWORK
```

## Subnetmask Setting

**1** Press the <sup>PROGRAM</sup> key and press 0 3 0 4 .

```
NETWORK
01 . COMPLETE
02 . TCP/IP
03 . NETWORK
```

**2** Press 0 2 to select "02.TCP/IP".

```
TCP/IP
01 . BOOTP/DHCP
02 . IP ADDRESS
03 . SUBNET MASK
04 . DEFAULT GATEWAY
05 . HOST NAME
```

**3** Press 0 3 to select "03.SUBNET MASK".

```
SUBNET MASK
000.000.000.000
```

**4** Enter the Subnetmask using the Dial Keypad and press the <sup>SET</sup> key.

**5** Press the <sup>CANCEL</sup> key.

- The display returns to the NETWORK menu.
- If you want to change another TCP/IP network setting, change the setting before pressing the <sup>CANCEL</sup> key.

```
NETWORK
01 . COMPLETE
02 . TCP/IP
03 . NETWORK
```

**6** Press 0 1 to select "01.COMPLETE". Save the network settings and start initializing.

- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
- If you want cancel the TCP/IP setting, press the <sup>CANCEL</sup> key before selecting "01.COMPLETE".

```
NETWORK
Initializing
```

```
NETWORK
Operation completed
```

```
INITIAL SETUP
02 . LANGUAGE
03 . TERMINAL ID
04 . NETWORK
```



## Host Name Setting

**1** Press the <sup>PROGRAM</sup> key and press 0 3 0 4 .

```
NETWORK
01 . COMPLETE
02 . TCP/IP
03 . NETWARE
```

**2** Press 0 2 to select "02.TCP/IP".

```
TCP/IP
01 . BOOTP/DHCP
02 . IP ADDRESS
03 . SUBNET MASK
04 . DEFAULT GATEWAY
05 . HOST NAME
```

**3** Press 0 5 to select "05.HOST NAME".

```
HOST NAME
ENTER NAME (MAX254)
```

**4** Enter the Host Name using the keyboard and press the <sup>SET</sup> key.

**5** Press the <sup>CANCEL</sup> key.

- The display returns to the NETWORK menu.
- If you want to change another TCP/IP network setting, change the setting before pressing the <sup>CANCEL</sup> key.

```
NETWORK
01 . COMPLETE
02 . TCP/IP
03 . NETWARE
```

**6** Press 0 1 to select "01.COMPLETE". Save the network settings and start initializing.

- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu.
- If you want cancel the TCP/IP setting, press the <sup>CANCEL</sup> key before selecting "01.COMPLETE".

```
NETWORK
Initializing
```

```
NETWORK
Operation completed
```

```
INITIAL SETUP
02 . LANGUAGE
03 . TERMINAL ID
04 . NETWORK
```

# 3. E-MAIL ACCOUNT SETUP

This section describes the procedures to set E-mail account information on the machine so that you can send and receive E-mails on the device.

## Before Setting Up

Before you set up the E-mail account information, you should determine which receive mode the machine uses. There are 2 types of receive mode for this machine: POP and SMTP.

- When using POP for the Receive Mode

The machine can perform the Internet Fax transmissions except the Offramp Gateway transmission. Similar to an E-mail application, the machine uses POP for retrieving E-mails from a mail server, and uses SMTP for sending E-mails to a mail server. When you do not need to perform the Offramp Gateway transmission, please select POP for the Receive Mode.

- When using SMTP for the Receive Mode

The machine can perform Offramp Gateway transmission in addition to general Internet Fax transmissions. When the Receive Mode is set to SMTP, the machine uses SMTP for retrieving and sending E-mails from/to a mail server. Therefore, if you want to enable the Offramp Gateway transmission, please select SMTP for the Receive Mode. However, changing the settings on the mail server will be required. Please see "OFFRAMP GATEWAY SETUP" on page 3-40 for more descriptions.

Please confirm the following information before configuring the E-mail account settings in your machine.

- Your E-mail account must be created on the mail server.
- Ask your administrator for your E-mail account information.
- The machine is connected with the E-mail server in the local area network.

The items you should set up vary according to the Receive Mode.

When this machine uses POP for the Receive Mode:


- **E-mail Address**
- **Error E-mail Forward Address**
- **Receive Mode**
- **POP Server Address**
- **POP Time**
- **POP Login Name**
- **POP Password**
- **SMTP Server Address**

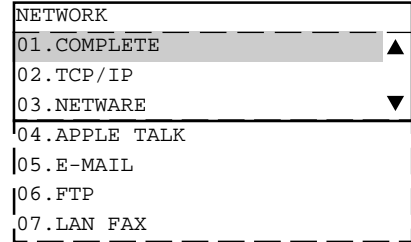
When this machine uses SMTP for the Receive Mode:

- **E-mail Address**
- **Error E-mail Forward Address**
- **Receive Mode**
- **SMTP Server Address**

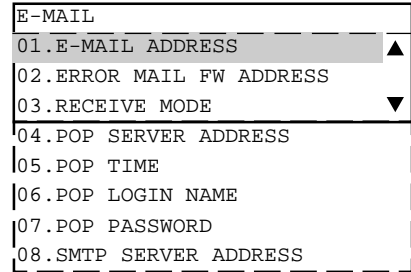
## E-mail Address Setting

This sets the E-mail address of the machine.

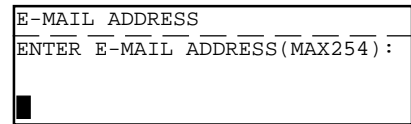
- 1** Press the <sup>PROGRAM</sup>  key and press **0** **3** **0** **4**.



- 2** Press **0** **5** to select "05.E-MAIL".



- 3** Press **0** **1** to select "01.E-MAIL ADDRESS".




- 4** Enter the E-mail address using the keyboard.

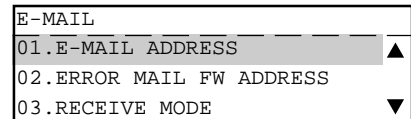
### When the Receive Mode is set to SMTP



When the Receive Mode is set to SMTP, the domain (right part of "@") of your E-mail address becomes an added sub-address to the domain name of the mail server (or full quality domain name assigned on the mail server which set to transfer E-mails to this machine). Please ask your network administrator about the domain name of the machine. Also, you can use any unique username for the E-mail address.

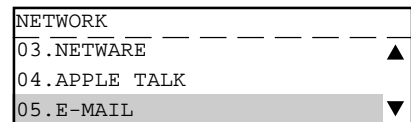
For example: sub-address=host1, domain=toshiba.com

xxxxx@host1.toshiba.com (xxxxx can be any username)

- 5** Press the <sup>SET</sup>  key.  
• The display returns to the E-MAIL menu.



- 6** Press the <sup>CANCEL</sup>  key.  
• The display returns to the NETWORK menu.  
• If you want to change another E-MAIL setting, change the <sup>CANCEL</sup>  key.



**7** Press **0** **1** to select "01.COMPLETE". Save the E-mail settings and start initializing.

- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu.
- If you want cancel the E-MAIL setting, press the **CANCEL** key before selecting "01.COMPLETE".

```
NETWORK
-----
Initializing
```

```
NETWORK
-----
Operation completed
```

```
INITIAL SETUP
-----
02.LANGUAGE          ▲
03.TERMINAL ID
04.NETWORK           ▼
```

### Error E-mail Forward Address Setting

This sets an E-mail address to forward the received E-mail when an error occurs and the machine cannot print the E-mail.

#### Tip

The machine recognizes an error if the E-mail contains files other than text format or TIFF-FX format. The machine can forward this E-mail to another E-mail address when this happens. It is recommended to set the address to forward the E-mail to a personal computer because personal computers will normally be able to view these files.

**1** Press the **PROGRAM** key and press **0** **3** **0** **4**.

```
NETWORK
-----
01.COMPLETE          ▲
02.TCP/IP
03.NETWARE           ▼
04.APPLE TALK
05.E-MAIL
06.FTP
07.LAN FAX
```

**2** Press **0** **5** to select "05.E-MAIL".

```
E-MAIL
-----
01.E-MAIL ADDRESS   ▲
02.ERROR MAIL FW ADDRESS
03.RECEIVE MODE     ▼
04.POP SERVER ADDRESS
05.POP TIME
06.POP LOGIN NAME
07.POP PASSWORD
08.SMTP SERVER ADDRESS
```



**3** Press **0** **2** to select "02.ERROR MAIL FW ADDRESS".

```
ERROR MAIL FW ADDRESS
ENTER E-MAIL ADDRESS (MAX254):
█
```



**4** Enter the E-mail address using the keyboard.


- 5** Press the  key.
- The display returns to the E-MAIL menu.

```
E-MAIL
01.E-MAIL ADDRESS
02.ERROR MAIL FW ADDRESS
03.RECEIVE MODE
```

- 6** Press the  key.
- The display returns to the NETWORK menu.
  - If you want to change another E-MAIL setting, change the setting before pressing the  key.

```
NETWORK
03.NETWARE
04.APPLE TALK
05.E-MAIL
```

- 7** Press   to select "01.COMPLETE". Save the E-mail settings and start initializing.

- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu.
- If you want cancel the E-MAIL setting, press the  key before selecting "01.COMPLETE".

```
NETWORK
-----
Initializing
```

```
NETWORK
-----
Operation completed
```

```
INITIAL SETUP
02.LANGUAGE
03.TERMINAL ID
04.NETWORK
```

## Receive Mode Setting

This sets the type of protocols used for receiving E-mail.

### Tip

To perform the Offramp Gateway transmission, the Receive Mode must be set to "SMTP". See "OFFRAMP GATEWAY SETUP" on page 3-40 for further details.

- 1** Press the  key and press    .

```
NETWORK
01.COMPLETE
02.TCP/IP
03.NETWARE
04.APPLE TALK
05.E-MAIL
06.FTP
07.LAN FAX
```

- 2** Press   to select "05.E-MAIL".

```
E-MAIL
01.E-MAIL ADDRESS
02.ERROR MAIL FW ADDRESS
03.RECEIVE MODE
04.POP SERVER ADDRESS
05.POP TIME
06.POP LOGIN NAME
07.POP PASSWORD
08.SMTP SERVER ADDRESS
```

**3** Press **0** **3** to select "03.RECEIVE MODE".

RECEIVE MODE
1 . POP
2 . SMTP

**4** Press **1** to select "1.POP" or press **2** to select "2.SMTP".

- The display returns to the E-MAIL menu.

E-MAIL
01 . E-MAIL ADDRESS
02 . ERROR MAIL FW ADDRESS
03 . RECEIVE MODE

**5** Press the **CANCEL** key.

- The display returns to the NETWORK menu.
- If you want to change another E-MAIL setting, change the setting before pressing the **CANCEL** key.

NETWORK
03 . NETWORK
04 . APPLE TALK
05 . E-MAIL

**6** Press **0** **1** to select "01.COMPLETE". Save the E-mail settings and start initializing.

- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu.
- If you want cancel the E-MAIL setting, press the **CANCEL** key before selecting "01.COMPLETE".

NETWORK
Initializing

NETWORK
Operation completed

INITIAL SETUP
02 . LANGUAGE
03 . TERMINAL ID
04 . NETWORK

## POP Server Address Setting

This sets the IP address of the POP server. This must be set when "POP" is selected in "Receive Mode."

**1** Press the **PROGRAM** key and press **0** **3** **0** **4**.

NETWORK
01 . COMPLETE
02 . TCP/IP
03 . NETWORK
04 . APPLE TALK
05 . E-MAIL
06 . FTP
07 . LAN FAX

**2** Press **0** **5** to select "05.E-MAIL".

E-MAIL
01 . E-MAIL ADDRESS
02 . ERROR MAIL FW ADDRESS
03 . RECEIVE MODE
04 . POP SERVER ADDRESS
05 . POP TIME
06 . POP LOGIN NAME
07 . POP PASSWORD
08 . SMTP SERVER ADDRESS

**3** Press **0** **4** to select “04.POP SERVER ADDRESS”.

POP SERVER ADDRESS
000.000.000.000

**4** Enter the IP address of the POP server using the Dial Keypad.

**5** Press the **SET** key.  
 • The display returns to the E-MAIL menu.

E-MAIL
02.ERROR MAIL FW ADDRESS ▲
03.RECEIVE MODE
04.POP SERVER ADDRESS ▼

**6** Press the **CANCEL** key.  
 • The display returns to the NETWORK menu.  
 • If you want to change another E-MAIL setting, change the setting before pressing the **CANCEL** key.

NETWORK
03.NETWARE ▲
04.APPLE TALK
05.E-MAIL ▼

**7** Press **0** **1** to select “01.COMPLETE”. Save the E-mail settings and start initializing.

- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu.
- If you want cancel the E-MAIL setting, press the **CANCEL** key before selecting “01.COMPLETE”.

NETWORK
Initializing

NETWORK
Operation completed

INITIAL SETUP
02.LANGUAGE ▲
03.TERMINAL ID
04.NETWORK ▼

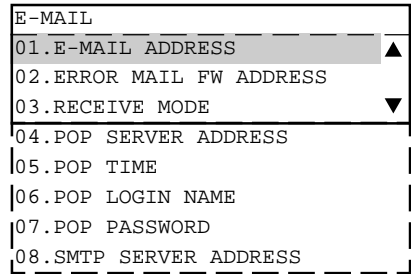
### POP Time Setting

This sets the time interval to check whether or not new E-mail has been received at the POP server. This setting is valid when “POP” is selected in “Receive Mode.” “10MINS” is selected as the default setting.

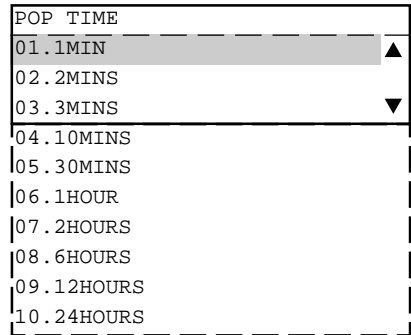
**1** Press the **PROGRAM** key and press **0** **3** **0** **4**.

NETWORK
01.COMPLETE ▲
02.TCP/IP
03.NETWARE ▼
04.APPLE TALK
05.E-MAIL
06.FTP
07.LAN FAX


**2** Press **0** **5** to select "05.E-MAIL".

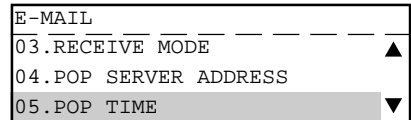




**3** Press **0** **5** to select "05.POP TIME".

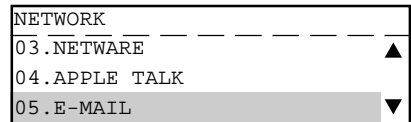


**4** Use the  or  key to select the desired time.


**5** Press the  key.  
• The display returns to the E-MAIL menu.

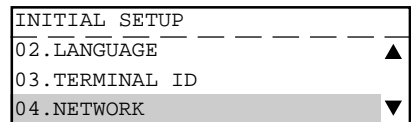
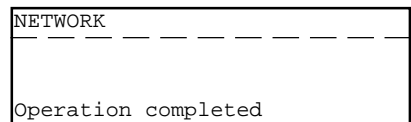
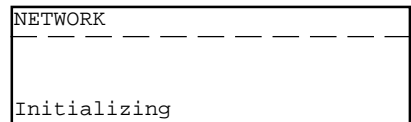


**6** Press the  key.  
• The display returns to the NETWORK menu.  
• If you want to change another E-MAIL setting, change the setting before pressing the  key.




**7** Press **0** **1** to select "01.COMPLETE". Save the E-mail settings and start initializing.

- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu.
- If you want cancel the E-MAIL setting, press the  key before selecting "01.COMPLETE".



## POP Login Name Setting

This sets the user name to log in the POP server. This must be set when “POP” is selected in “Receive Mode.”

- 1** Press the  key and press **0** **3** **0** **4**.

NETWORK
01 . COMPLETE ▲
02 . TCP/IP
03 . NETWARE ▼
04 . APPLE TALK
05 . E-MAIL
06 . FTP
07 . LAN FAX

- 2** Press **0** **5** to select “05.E-MAIL”.


E-MAIL
01 . E-MAIL ADDRESS ▲
02 . ERROR MAIL FW ADDRESS
03 . RECEIVE MODE ▼
04 . POP SERVER ADDRESS
05 . POP TIME
06 . POP LOGIN NAME
07 . POP PASSWORD
08 . SMTP SERVER ADDRESS

- 3** Press **0** **6** to select “06.POP LOGIN NAME”.



POP LOGIN NAME
ENTER NAME (MAX32) :
public

- 4** Enter the POP login name using the keyboard and Dial Keypad.

- “public” is set as the default POP login name.

- 5** Press the  key.
- The display returns to the E-MAIL menu.

E-MAIL
04 . POP SERVER ADDRESS ▲
05 . POP TIME
06 . POP LOGIN NAME ▼

- 6** Press the  key.
- The display returns to the NETWORK menu.
  - If you want to change another E-MAIL setting, change the setting before pressing the  key.

NETWORK
03 . NETWARE ▲
04 . APPLE TALK
05 . E-MAIL ▼

**7** Press **0** **1** to select “01.COMPLETE”. Save the E-mail settings and start initializing.

- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu.
- If you want cancel the E-MAIL setting, press the **CANCEL** key before selecting “01.COMPLETE”.

```
NETWORK
-----
Initializing
```

```
NETWORK
-----
Operation completed
```

```
INITIAL SETUP
-----
02.LANGUAGE          ▲
03.TERMINAL ID
04.NETWORK          ▼
```

## POP Password Setting

This sets the password to log in the POP server. This must be set when “POP” is selected in “Receive Mode.”

**1** Press the **PROGRAM** key and press **0** **3** **0** **4**.

```
NETWORK
-----
01.COMPLETE          ▲
02.TCP/IP
03.NETWARE          ▼
04.APPLE TALK
05.E-MAIL
06.FTP
07.LAN FAX
```

**2** Press **0** **5** to select “05.E-MAIL”.

```
E-MAIL
-----
01.E-MAIL ADDRESS   ▲
02.ERROR MAIL FW ADDRESS
03.RECEIVE MODE     ▼
04.POP SERVER ADDRESS
05.POP TIME
06.POP LOGIN NAME
07.POP PASSWORD
08.SMTP SERVER ADDRESS
```

**3** Press **0** **7** to select “07.POP PASSWORD”.

```
POP PASSWORD
-----
ENTER PASSWORD(MAX32):
pass
```

**4** Enter the POP password using the keyboard and Dial Keypad.


- “pass” is set as the default POP password.

**5** Press the **SET** key.

- The display returns to the E-MAIL menu.


```
E-MAIL
-----
05.POP TIME          ▲
06.POP LOGIN NAME
07.POP PASSWORD     ▼
```

## 6 Press the key.

- The display returns to the NETWORK menu.
- If you want to change another E-MAIL setting, change the setting before pressing the  key.

NETWORK
03.NETWARE
04.APPLE TALK
05.E-MAIL

## 7 Press to select "01.COMPLETE". Save the E-mail settings and start initializing.

- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu.
- If you want cancel the E-MAIL setting, press the  key before selecting "01.COMPLETE".

NETWORK
Initializing

NETWORK
Operation completed

INITIAL SETUP
02.LANGUAGE
03.TERMINAL ID
04.NETWORK

## SMTP Server Address Setting

This sets the IP address of the SMTP server when it is as an Outgoing E-mail server.

### Tip

When "SMTP" is selected in "Receive Mode", the machine also retrieves E-mails from the mail server assigned here using SMTP transmission. In this case, this machine works as one of the mail servers.

## 1 Press the key and press .

NETWORK
01.COMPLETE
02.TCP/IP
03.NETWARE
04.APPLE TALK
05.E-MAIL
06.FTP
07.LAN FAX

## 2 Press to select "05.E-MAIL".

E-MAIL
01.E-MAIL ADDRESS
02.ERROR MAIL FW ADDRESS
03.RECEIVE MODE
04.POP SERVER ADDRESS
05.POP TIME
06.POP LOGIN NAME
07.POP PASSWORD
08.SMTP SERVER ADDRESS



## 3 Press to select "08.SMTP SERVER ADDRESS".

SMTP SERVER ADDRESS
000.000.000.000



## 4 Enter the SMTP server address on the Dial Keypad.


- 5** Press the  key.
- The display returns to the E-MAIL menu.

```
E-MAIL
-----
06.POP LOGIN NAME      ▲
07.POP PASSWORD
08.SMTP SERVER ADDRESS ▼
```

- 6** Press the  key.
- The display returns to the NETWORK menu.
  - If you want to change another E-MAIL setting, change the setting before pressing the  key.

```
NETWORK
-----
03.NETWARE             ▲
04.APPLE TALK
05.E-MAIL             ▼
```

- 7** Press   to select "01.COMPLETE". Save the E-mail settings and start initializing.

- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu.
- If you want cancel the E-MAIL setting, press the  key before selecting "01.COMPLETE".

```
NETWORK
-----
Initializing
```

```
NETWORK
-----
Operation completed
```

```
INITIAL SETUP
-----
02.LANGUAGE           ▲
03.TERMINAL ID
04.NETWORK           ▼
```

## 4. E-MAIL PROPERTIES SETUP

This section describes the procedures to set the E-mail properties and how the machine works with the Internet Fax function. The following table describes the E-mail properties that can be set up. See the following sections for more information about each item.

Properties Name	Description	Default
Print Text Body	This is to set to On or Off for printing the body section of the received E-mail. However, when the received E-mail has only the body section, the body section is printed even if this is set to Off.	On
Body Page Limit	This is to set the maximum number of pages to be printed when receiving an E-mail. If the number of pages to be printed exceeds the limit, the machine interrupts the printing.	5
Send MDN	This is set to On or Off for replying to the MDN request when receiving the documents from other machines using the Internet Fax function.	OFF
Print Header	This is set to On or Off for printing the header section of the received E-mail.	ON
Print E-mail Error	This is set to On or Off for printing only the items that can be printed normally when an error occurs. The items that the machine recognizes to be erroneous are not printed.	ON
Print DSN	This is set to On or Off for printing the DSN.	ON
Print MDN	This is set to On or Off for printing the MDN sent from the recipient that informs you the message was successfully received.	ON
Request DSN	This is set to On or Off for sending the DSN request.	ON
Confirmation Timer	This is set to On or Off for printing the alert report and the time interval to wait for the MDN reply before printing the alert report.	ON/1HOUR
Message Size Limit	This is set to the maximum size for sending documents using the Internet Fax function. If the size of documents exceeds the maximum size, the machine sends the documents separately.	4.0MBYTE


There are also the E-mail properties related to the Offramp Gateway function. When you set the Receive Mode to "SMTP", you can additionally configure the following items.

Properties Name	Description
E-mail to FAX Gateway	This sets the machine to allow forwarding the document that is received by the Offramp Gateway transmission.
Gateway Print	This sets whether to print the document sent from the Internet FAX machine using the Offramp Gateway transmission. The machine prints the document when forwarding it to the facsimile, so that you can confirm what is sent using the Offramp Gateway.
Gateway Security	This sets whether or not to check the fax number of the sender before forwarding to the Offramp Gateway. If the fax number of the facsimile is not registered as a One Touch dial or Abbreviated dial, the Offramp Gateway feature will not be available for this document.

For further details, see "OFFRAMP GATEWAY SETUP" on page 3-40.

## Print Text Body Setting

This sets whether or not the body section of the received E-mail is to be printed.

**1** Press the  key and press **0** **1** **0** **4**.

E-MAIL SETUP	
01.PRINT TEXT BODY	▲
02.BODY PAGE LIMIT	
03.SEND MDN	▼
04.PRINT HEADER	
05.PRINT E-MAIL ERROR	
06.PRINT DSN	
07.PRINT MDN	
08.REQUEST DSN	
09.E-MAIL TO FAX GATEWAY	
10.GATEWAY PRINT	
11.GATEWAY SECURITY	
12.CONFIRMATION TIMER	
13.MESSAGE SIZE LIMIT	

**2** Press **0** **1** to select "01.PRINT TEXT BODY".

PRINT TEXT BODY	
1.OFF	▲
2.ON	▼

**3** Press **1** to select "1.OFF" when you want to disable the Print Text Body function.

Press **2** to select "2.ON" when you want to enable the Print Text Body function.

- The display returns to the E-MAIL SETUP menu.

E-MAIL SETUP	
01.PRINT TEXT BODY	▲
02.BODY PAGE LIMIT	
03.SEND MDN	▼

## Body Page Limit Setting

This sets the maximum number of the pages to be printed in the range from 1 to 99 when receiving an E-mail. If the number of the pages to be printed exceeds the limit, the machine interrupts the printing.

### Tip

The received body text data may be garbled during transferred through the Internet. This is a known problem with E-mail transmissions over the Internet. It is recommended to select ON to avoid printing of a large amount of the garbled data.

3

**1** Press the PROGRAM key and press **0** **1** **0** **4**.

```
E-MAIL SETUP
01.PRINT TEXT BODY
02.BODY PAGE LIMIT
03.SEND MDN
04.PRINT HEADER
05.PRINT E-MAIL ERROR
06.PRINT DSN
07.PRINT MDN
08.REQUEST DSN
09.E-MAIL TO FAX GATEWAY
10.GATEWAY PRINT
11.GATEWAY SECURITY
12.CONFIRMATION TIMER
13.MESSAGE SIZE LIMIT
```

**2** Press **0** **2** to select "02.BODY PAGE LIMIT".

```
BODY PAGE LIMIT
LIMIT: (1-99)PAGE(S)
5
```

**3** Enter the Body Page Limit (1 to 99) using the Dial Keypad.

- "5" is set as the default body page limit.

**4** Press the SET key.

- The display returns to the E-MAIL SETUP menu.

```
E-MAIL SETUP
01.PRINT TEXT BODY
02.BODY PAGE LIMIT
03.SEND MDN
```

## Send MDN Setting

This sets the reply to the MDN request when receiving the documents from other e-STUDIO16/20/25 using the Internet Fax transmission.

**MDN**, *Message Disposition Notification*, is used to notify the sender of the disposition of a message after it has been successfully delivered to a recipient.

### Note

This function is only available when the remote unit and the Incoming E-mail server supports the MDN.

3

**1** Press the <sup>PROGRAM</sup> key and press (0) (1) (0) (4).

E-MAIL SETUP	
01.PRINT TEXT BODY	▲
02.BODY PAGE LIMIT	
03.SEND MDN	▼
04.PRINT HEADER	
05.PRINT E-MAIL ERROR	
06.PRINT DSN	
07.PRINT MDN	
08.REQUEST DSN	
09.E-MAIL TO FAX GATEWAY	
10.GATEWAY PRINT	
11.GATEWAY SECURITY	
12.CONFIRMATION TIMER	
13.MESSAGE SIZE LIMIT	

**2** Press (0) (3) to select "03.SEND MDN".

SEND MDN	
1.OFF	▲
2.ON	▼

**3** Press (1) to select "1.OFF" when you want to disable the Send MDN function.


Press (2) to select "2.ON" when you want to enable the Send MDN function.

- The display returns to the E-MAIL SETUP menu.

E-MAIL SETUP	
01.PRINT TEXT BODY	▲
02.BODY PAGE LIMIT	
03.SEND MDN	▼

## Print Header Setting

This sets whether or not the header section of the received E-mail is to be printed.

**1** Press the  key and press **0** **1** **0** **4**.

E-MAIL SETUP	
01.PRINT TEXT BODY	▲
02.BODY PAGE LIMIT	
03.SEND MDN	▼
04.PRINT HEADER	
05.PRINT E-MAIL ERROR	
06.PRINT DSN	
07.PRINT MDN	
08.REQUEST DSN	
09.E-MAIL TO FAX GATEWAY	
10.GATEWAY PRINT	
11.GATEWAY SECURITY	
12.CONFIRMATION TIMER	
13.MESSAGE SIZE LIMIT	

**2** Press **0** **4** to select "04.PRINT HEADER".

PRINT HEADER	
1.OFF	▲
2.ON	▼

**3** Press **1** to select "1.OFF" when you want to disable the Print Header function.

Press **2** to select "2.ON" when you want to enable the Print Header function.

- The display returns to the E-MAIL SETUP menu.

E-MAIL SETUP	
02.BODY PAGE LIMIT	▲
03.SEND MDN	
04.PRINT HEADER	▼

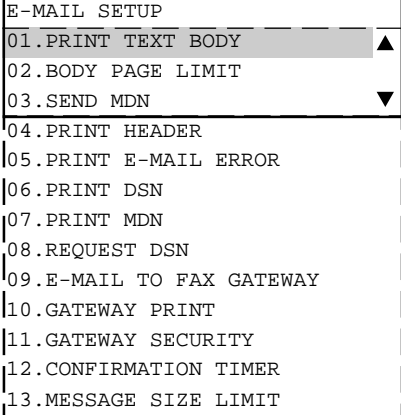
## Print E-mail Error Setting

This sets when you would like to print only the items that can be printed normally when an error occurs. The items that the machine recognize to be erroneous are not printed.

### Tips

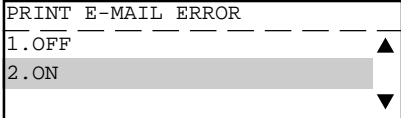
- When this is set to ON, the range of the printed section varies according to the settings of Print Text Body and Print Header.
- When this is set to OFF, the machine interrupts printing if any error is found.

**1** Press the PROGRAM key and press **0** **1** **0** **4**.



```
E-MAIL SETUP
01.PRINT TEXT BODY
02.BODY PAGE LIMIT
03.SEND MDN
04.PRINT HEADER
05.PRINT E-MAIL ERROR
06.PRINT DSN
07.PRINT MDN
08.REQUEST DSN
09.E-MAIL TO FAX GATEWAY
10.GATEWAY PRINT
11.GATEWAY SECURITY
12.CONFIRMATION TIMER
13.MESSAGE SIZE LIMIT
```

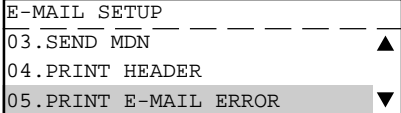
**2** Press **0** **5** to select “05.PRINT E-MAIL ERROR”.



```
PRINT E-MAIL ERROR
1.OFF
2.ON
```

**3** Press **1** to select “1.OFF” when you want to disable the Print E-mail Error function.

Press **2** to select “2.ON” when you want to enable the Print E-mail Error function.



```
E-MAIL SETUP
03.SEND MDN
04.PRINT HEADER
05.PRINT E-MAIL ERROR
```

- The display returns to the E-MAIL SETUP menu.

## Print DSN Setting

This sets whether or not the DSN is printed when it is announced from the E-mail server.

**DSN**, *Delivery Status Notification*, is used to notify the sender of the status of the message that has been sent. The status, such as failed delivery, delayed delivery, successful delivery, or the gatewaying of a message into an environment that may not support DSNs, is notified when an E-mail with the DSN request is sent.

3

### Note

To receive and print the DSNs, the DSN must be generated by the mail server.

1 Press the <sup>PROGRAM</sup> key and press (0) (1) (0) (4).

E-MAIL SETUP	
01.PRINT TEXT BODY	▲
02.BODY PAGE LIMIT	
03.SEND MDN	▼
-----	
04.PRINT HEADER	
05.PRINT E-MAIL ERROR	
06.PRINT DSN	
07.PRINT MDN	
08.REQUEST DSN	
09.E-MAIL TO FAX GATEWAY	
10.GATEWAY PRINT	
11.GATEWAY SECURITY	
12.CONFIRMATION TIMER	
13.MESSAGE SIZE LIMIT	

2 Press (0) (6) to select "06.PRINT DSN".

PRINT DSN	
1.OFF	▲
2.ON	▼

3 Press (1) to select "1.OFF" when you want to disable the Print DSN function.

Press (2) to select "2.ON" when you want to enable the Print DSN function.

- The display returns to the E-MAIL SETUP menu.

E-MAIL SETUP	
04.PRINT HEADER	▲
05.PRINT E-MAIL ERROR	
06.PRINT DSN	▼

## Print MDN Setting

This sets whether or not the MDN is printed when it is announced from the recipient. The machine sends the MDN request to the recipient in every transmission, so that the machine receives the MDN when the recipient supports the MDN request.

**MDN**, *Message Disposition Notification*, is used to notify the sender of the disposition of a message after it has been successfully delivered to a recipient.

### Note

The MDN may not reply when the environment or the recipients does not support the MDN.

- 1** Press the <sup>PROGRAM</sup> key and press (0) (1) (0) (4).

E-MAIL SETUP	
01.PRINT TEXT BODY	▲
02.BODY PAGE LIMIT	
03.SEND MDN	▼
04.PRINT HEADER	
05.PRINT E-MAIL ERROR	
06.PRINT DSN	
07.PRINT MDN	
08.REQUEST DSN	
09.E-MAIL TO FAX GATEWAY	
10.GATEWAY PRINT	
11.GATEWAY SECURITY	
12.CONFIRMATION TIMER	
13.MESSAGE SIZE LIMIT	

- 2** Press (0) (7) to select "07.PRINT MDN".

PRINT MDN	
1.OFF	▲
2.ON	▼

- 3** Press (1) to select "1.OFF" when you want to disable the Print MDN function.  
Press (2) to select "2.ON" when you want to enable the Print MDN function.

E-MAIL SETUP	
05.PRINT E-MAIL ERROR	▲
06.PRINT DSN	
07.PRINT MDN	▼

- The display returns to the E-MAIL SETUP menu.

## Request DSN Setting

This sets whether or not the DSN is requested when sending a document from the machine using the Internet Fax function.

**DSN**, *Delivery Status Notification*, is used to notify the sender of the status of the message that has been sent. The status, such as failed delivery, delayed delivery, successful delivery, or the gatewaying of a message into an environment that may not support DSNs, is notified when an E-mail with the DSN request is sent.

### Note

The DSN may not reply when the Incoming E-mail server of the recipient does not support or generate the DSN. In this case, the error logs are retained in the E-mail server of the recipient. These error logs may be an obstacle to the mail server. Therefore, it is recommended to select OFF for this function if you are not sure that the E-mail server of the recipient supports the DSN.

**1** Press the  key and press **0 1 0 4**.

E-MAIL SETUP	
01.PRINT TEXT BODY	▲
02.BODY PAGE LIMIT	
03.SEND MDN	▼
04.PRINT HEADER	
05.PRINT E-MAIL ERROR	
06.PRINT DSN	
07.PRINT MDN	
08.REQUEST DSN	
09.E-MAIL TO FAX GATEWAY	
10.GATEWAY PRINT	
11.GATEWAY SECURITY	
12.CONFIRMATION TIMER	
13.MESSAGE SIZE LIMIT	

**2** Press **0 8** to select "08.REQUEST DSN".

REQUEST DSN	
1.OFF	▲
2.ON	▼

**3** Press **1** to select "1.OFF" when you want to disable the Request DSN function.  
Press **2** to select "2.ON" when you want to enable the Request DSN function.

E-MAIL SETUP	
06.PRINT DSN	▲
07.PRINT MDN	
08.REQUEST DSN	▼

- The display returns to the E-MAIL SETUP menu.

## Confirmation Timer Setting

This sets whether or not the alert report is printed when the machine does not receive an MDN reply from recipients in the time interval set. When the Internet Fax message that was sent from the machine is not received successfully by recipients, an MDN response will not be received. When this is set to ON, an alert report is printed informing you that the machine did not receive the MDN from the recipient.

### Note

If the Incoming E-mail server of the recipient does not support the MDN, the machine prints the alert report whether the recipient receives the document successfully or not. If you are not sure that the recipients can reply the MDN request, it is recommended to select OFF.

- 1** Press the <sup>PROGRAM</sup>  key and press **0** **1** **0** **4**.

E-MAIL SETUP	
01.PRINT TEXT BODY	▲
02.BODY PAGE LIMIT	
03.SEND MDN	▼
-----	
04.PRINT HEADER	
05.PRINT E-MAIL ERROR	
06.PRINT DSN	
07.PRINT MDN	
08.REQUEST DSN	
09.E-MAIL TO FAX GATEWAY	
10.GATEWAY PRINT	
11.GATEWAY SECURITY	
12.CONFIRMATION TIMER	
13.MESSAGE SIZE LIMIT	

- 2** Press **1** **2** to select “12.CONFIRMATION TIMER”.

- When you want to disable the Confirmation Timer function, go to step 3.
- When you want to enable the Confirmation Timer function, go to step 6.

CONFIRMATION TIMER	
1.OFF	▲
2.ON	
3.SET TIME	▼




- 3** Press **1** to select “1.OFF” when you want to disable the Confirmation Timer function.

- The display returns to the E-MAIL SETUP menu.

E-MAIL SETUP	
01.PRINT TEXT BODY	▲
02.BODY PAGE LIMIT	
03.SEND MDN	▼

- 4** Press **3** to select “3.SET TIME” when you want to set the time interval for the Confirmation Timer function.

CONFIRMATION TIMER	
1.15MINS	▲
2.30MINS	
3.1HOUR	▼
4.4HOURS	
5.24HOURS	

**5** Use the  or  key to select the desired time and press the  key.

CONFIRMATION TIMER	
1. OFF	▲
2. ON	▼
3. SET TIME	

**6** Press **2** to select “2.ON” to enable the Confirmation Timer function.

- The display returns to the E-MAIL SETUP menu.

3

### Message Size Limit Setting

This sets the maximum size of the documents that may be sent using the Internet Fax function. If the size of documents exceeds the maximum size, the machine sends the documents separately.

**Note**

The document that contains only one page of an image cannot be separated even if the document size exceeds the limit. In this case, the machine interrupts the job.


**1** Press the  key and press **0 1 0 4**.

E-MAIL SETUP	
01. PRINT TEXT BODY	▲
02. BODY PAGE LIMIT	
03. SEND MDN	▼
04. PRINT HEADER	
05. PRINT E-MAIL ERROR	
06. PRINT DSN	
07. PRINT MDN	
08. REQUEST DSN	
09. E-MAIL TO FAX GATEWAY	
10. GATEWAY PRINT	
11. GATEWAY SECURITY	
12. CONFIRMATION TIMER	
13. MESSAGE SIZE LIMIT	

**2** Press **1 3** to select “13.MESSAGE SIZE LIMIT”.

MESSAGE SIZE LIMIT	
1. 1.0MB	▲
2. 2.0MB	
3. 3.0MB	▼
4. 4.0MB	
5. 5.0MB	
6. 6.0MB	

**3** Use the  or  key to select the desired size.

**4** Press the  key.  
• The display returns to the E-MAIL SETUP menu.

E-MAIL SETUP	
11. GATEWAY SECURITY	▲
12. CONFIRMATION TIMER	
13. MESSAGE SIZE LIMIT	▼

## 5. SCAN TO E-MAIL SETUP

This section describes how to set the default values of the settings for Scan to E-mail function. The default resolution and message size limit may be set for Scan to E-mail. These settings are for default values only, but may also be set or changed at the time that each E-mail document is sent.

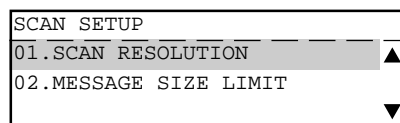
### Tip

Scan to E-mail can be used to send an Internet Fax to PCs which are located in your local area network. When you want to scan a document and send the image data to your PC, use this method. This method ignores the E-mail Properties settings of DSN and MDN so that this is useful when you do not require the disposition or notification of E-mail transmission status.

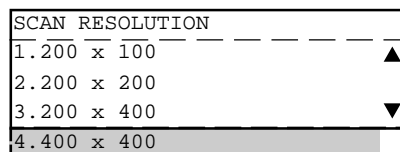
### Resolution Setting

This sets the default resolution used for the Scan to E-mail mode.

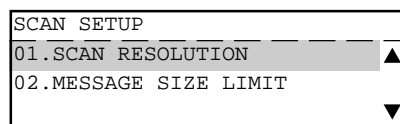
**1** Press the <sup>PROGRAM</sup> key and press 0 1 0 5.



**2** Press 0 1 to select "01.SCAN RESOLUTION".



**3** Use the  or  key to select desired resolution mode and press the <sup>SET</sup> key.



- The display returns to the SCAN SETUP menu.


## Message Size Limit Setting

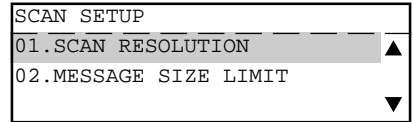
This sets the size limit of the documents that can be sent using the Scan to E-mail function. If the size of the documents exceeds the maximum size, the machine sends the documents separately.

### Note

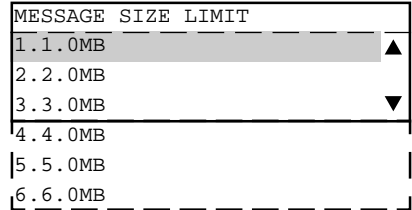
The document that contains only one page of an image cannot be separated even if the document size exceeds the limit. In this case, the machine interrupts the job.

3

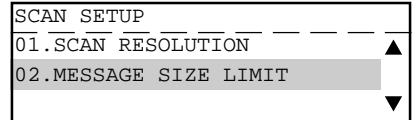
1 Press the  key and press **0 1 0 5**.



2 Press **0 2** to select "02.MESSAGE SIZE LIMIT".



3 Use the  or  key to select desired size and press the  key.



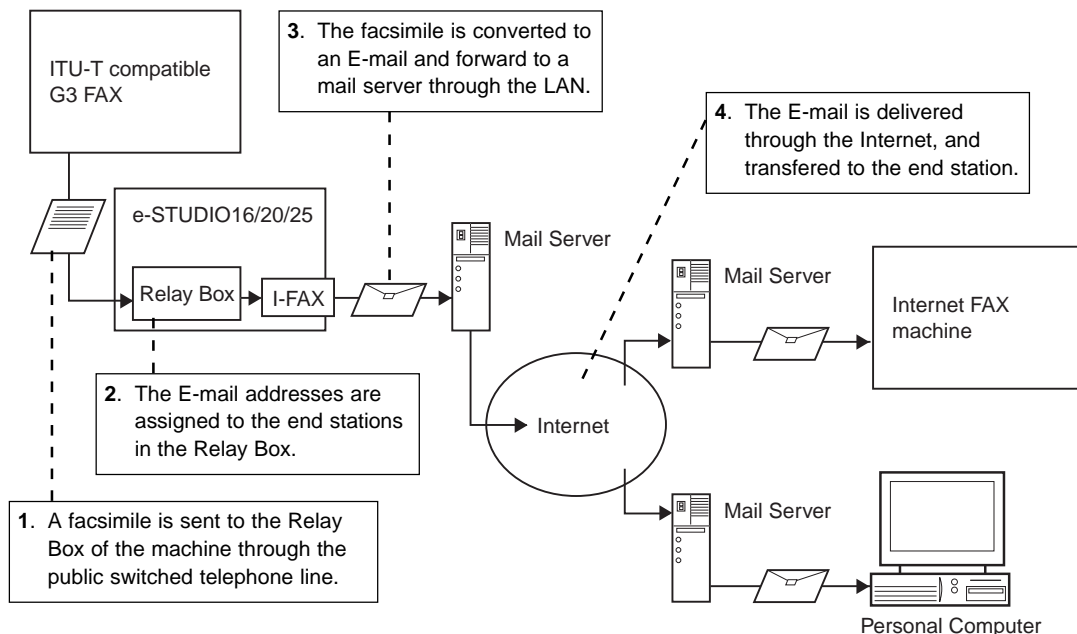
- The display returns to the SCAN SETUP menu.

## 6. ONRAMP GATEWAY SETUP

### Onramp Gateway, Onramp Gateway Overview

#### ◆ What is a “Onramp Gateway”?

Onramp Gateway uses the relay function which is one of the ITU-T Mailbox features. The ITU-T F-code compliant facsimiles can send the document to the Relay Mailbox in the machine and this machine transfer to the E-mail addresses of other Internet FAX machines and client computers programmed in the Relay Box.



## Setting Up a Relay Box with E-mail Address


In order to use this machine as a Hub Station for the Onramp Gateway transmission, the Relay Box to register E-mail addresses must be set up on this machine. This machine as the distributor can send an E-mail of the fax document received from any ITU-T compatible facsimile.

E-mail addresses assigned to the one touch keys, the abbreviated dial numbers and the group numbers can be registered as the destinations. E-mail addresses of the destinations must be registered to the One Touch Keys or the Abbreviated Dial Numbers before the relay box is set up.

### Note

- Either of the fax numbers or the E-mail addresses can be registered to a Relay Box. Both of them cannot be registered to a Relay Box. For the detail information of the ITU-T F-code communication and the mailbox, including the information on how to set up the relay originating mailbox and delete the mailbox already set up, refer to the OPERATOR'S MANUAL FOR FACSIMILE FUNCTION.

**1** Press the  key.

**2** Press the  key and press **4** to select "4.MAILBOX SETUP".

MAILBOX	
2.BULLETIN BOARD	▲
3.RELAY	
4.MAIL BOX SETUP	▼

**3** Press **2** to select "2.MAILBOX SETUP".

MAILBOX SETUP	
1.COMPLETE	▲
2.MAILBOX SETUP	
3.MAILBOX DELETE	▼

**4** Press **3** to select "3.RELAY".

MAILBOX TYPE	
1.CONFIDENTIAL	▲
2.BULLETIN BOARD	
3.RELAY	▼

**5** Press **2** to select "2.E-MAIL ADDRESS SETUP".

MAILBOX SETUP (RELAY)	
1.FAX NUMBER SETUP	▲
2.E-MAIL ADDRESS SETUP	
	▼

**6** Enter the Relay Box Number and press the  key.

MAILBOX SETUP (RELAY)	
NEW MAILBOX NUMBER (MAX20) :	
20	■

**7** Select the password option.

- To set password option for this relay box, press **1** to select "1.YES". Go to step 8.
- If you do not wish to set a password to this relay box, press

MAILBOX SETUP (RELAY)	
1.YES	▲
2.NO	▼

**2** to select "2.NO". Go to step 9.

## 8 Enter the password.

MAILBOX SETUP (RELAY)
PASSWORD (MAX20) : _____
1111 █

## 9 Enter the End Station.

- If the end station is assigned to a One Touch key, go to step A.
- If an end station is assigned to an Abbreviated Dial Number, go to step B.
- If you want to enter the End Station by searching an ID name, go to step C.
- If an end station is assigned to a Group Number, go to step D.


RELAY END NUMBER
PRESS SPEED DIAL KEY
OR ONE TOUCH KEY

### A. Press designated One Touch key.

RELAY END NUMBER
ONE TOUCH: _____ 22
LONDON OFFICE

RELAY END NUMBER
1. ADD NEXT NUMBER ▲
2. COMPLETE ▼


### B. Press .

- Press **1** to select "1.ABB. NUMBER".
- Enter an ABB. Number and press the  key.

TELEPHONE NUMBERS LIST
1. ABB. NUMBER ▲
2. SEARCH NAME ▼
3. GROUP NUMBER




TELEPHONE NUMBERS LIST
ABB. NUMBER (1-999) : _____
00 █

### C. Press .

- Press **2** to select "2.SEARCH NAME".
- Enter the search characters using the keyboard on the Flip Panel and press the  key.


TELEPHONE NUMBERS LIST
1. ABB. NUMBER ▲
2. SEARCH NAME ▼
3. GROUP NUMBER

SEARCH NAME
ID NAME (MAX20) : _____
L █


- Select the destination using the  or  key and press the  key..

SEARCH NAME
L.A OFFICE
LISBON OFFICE
LONDON OFFICE


**D. Press**    .


- Press  to select "3.GROUP NUMBER".

TELEPHONE NUMBERS LIST
1.ABB. NUMBER
2.SEARCH NAME
3.GROUP NUMBER

- Enter a Group Number and press the  key.



TELEPHONE NUMBERS LIST
GROUP NUMBER(1-1999):

**10** When all the desired End Station Entries are completed under the same Relay Box, press  to select "2.COMPLETE".


- When you want to enter another end station, press  to select "1.ADD NEXT NUMBER" and go to step 9.






RELAY END NUMBER
1.ADD NEXT NUMBER
2.COMPLETE

**11** Select whether a transmission report is sent to a fax number or E-mail address.

- When you want to send a transmission report to a fax number, press  to select "1.FAX NUMBER SETUP". Go to step 12.
- When you want to send a transmission report to an E-mail address, press  to select "2.E-MAIL ADDRESS SETUP". Go to step 13.

TRANSMISSION REPORT
1.FAX NUMBER SETUP
2.E-MAIL ADDRESS SETUP


**12** Enter a FAX Number of the remote location to which the Transmission Report should be sent. Then press the  key.


- If you want to enter the fax number of the remote location manually, enter the fax number using the Dial Keypad.
- If the fax number of the remote location is assigned to a One Touch key, press designated One Touch key.
- If the fax number of the remote location is assigned to an Abbreviated Dial Number, press    and . Then enter the Abbreviated Dial Number and press the  key.

TRANSMISSION REPORT
ENTER TEL NUMBER OR,
PRESS SPEED DIAL KEY
OR ONE TOUCH KEY

**13** Enter an E-mail Address of the remote location to which the Transmission Report should be sent.

TRANSMISSION REPORT
ENTER ABB. NUMBER
OR ONE TOUCH KEY

Then press the  key.

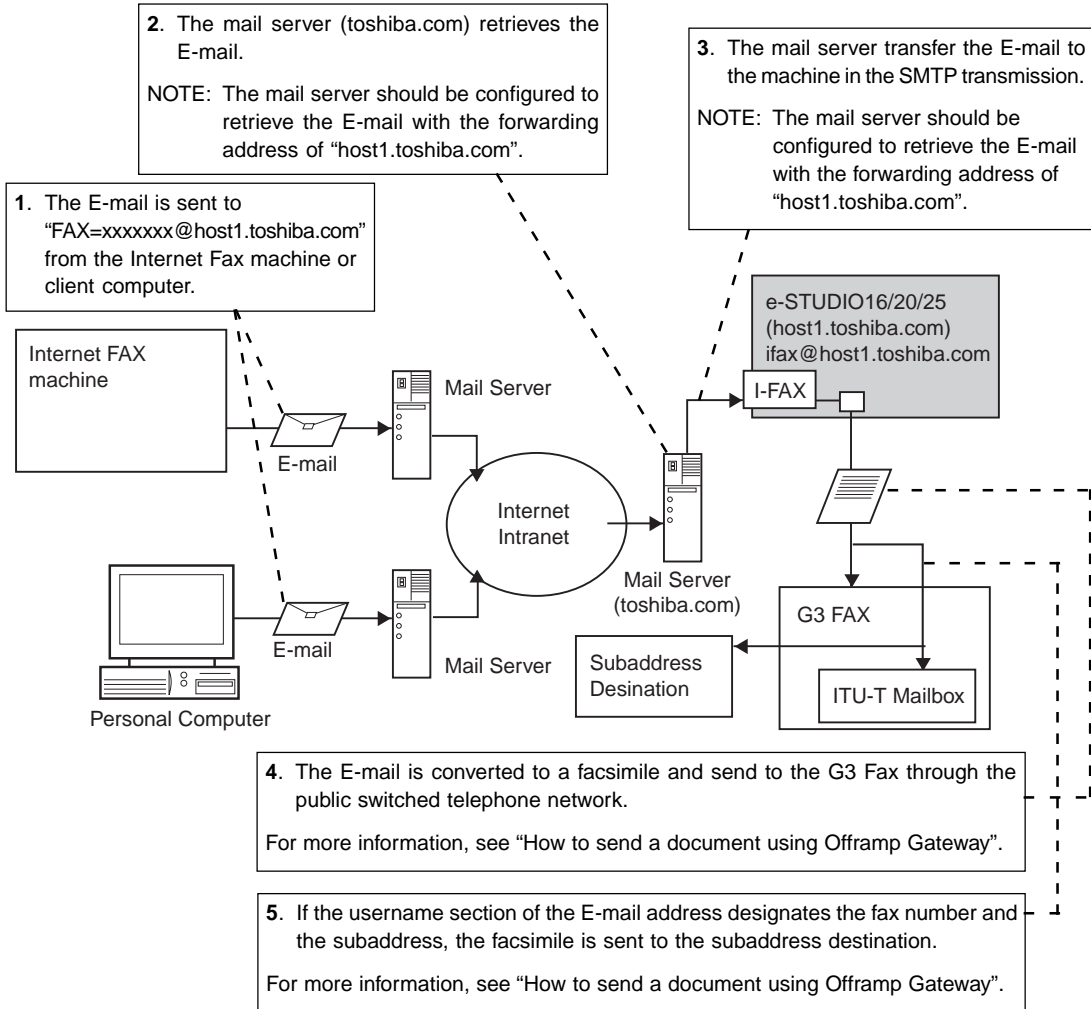
- If the E-mail address of the remote location is assigned to a One Touch key, press designated One Touch key.
- If the E-mail address of the remote location is assigned to an Abbreviated Dial Number, enter the Abbreviated Dial Number and press the  key.

# 7. OFFRAMP GATEWAY SETUP

## Offramp Gateway, Offramp Gateway Overview

### ◆ What is a “Offramp Gateway”?

This machine can be used as a Hub Station to forward E-mails from your client computer or Internet Fax machine to any facsimile on through the public switched telephone network. For example, the document can be sent to this machine from out of the country or city through the Internet, then the document is sent from this machine to the designated fax number through the local public telephone line.



### ◆ What is “SMTP”?

This machine uses Simple Mail Transfer Protocol (SMTP) to enable the Offramp Gateway transmission. “SMTP” is a server protocol for sending E-mail messages between servers. Usually the E-mail systems that transfer E-mails over the Internet use SMTP to transfer messages from one server to another. Therefore, when the e-STUDIO16/20/25 uses SMTP to transfer E-mails, the device works as a mail server.

### ◆ How does the e-STUDIO16/20/25 receive E-mail through SMTP?

When the Receive Mode is set to SMTP, this machine works as a mail server. However the e-STUDIO16/20/25 does not have full mail server functionality so it cannot retrieve E-mails from the Internet without a mail server. For the e-STUDIO16/20/25 to receive E-mails in SMTP transmission from the Internet, the E-mails must be retrieved by the host mail server first and then transmitted to the machine.

In order to enable the transmission, the hostname (or specific domain) that relates to the e-STUDIO16/20/25 must be designated on your local area network and the relay transmission of E-mails to the machine should be set up on the host mail server. If the hostname of this machine is designated as "host1.toshiba.com", it is set to transfer the E-mail to this machine when an E-mail to "xxx@host1.toshiba.com" is delivered via the Internet.

### How to send a document using Offramp Gateway

To send a document from another Internet Fax machine or PC client to the e-STUDIO16/20/25 which is set up with the Offramp Gateway, the sender should know how to designate the address.

#### When the sender wants to send an E-mail to this machine (no Offramp Gateway transmission):

When the sender wants to send an E-mail to this machine, send an E-mail to the address entered at "E-MAIL ADDRESS" setting (see on page 3-11).

Once the machine receives E-mails from the mail server, the E-mail is printed when the username (left of "@" of the E-mail address matches the address of the device, or transmits a document to a fax number through the public switched telephone network when the username (left of "@" of the E-mail address is specified for the Offramp Gateway transmission.

#### When the sender wants to send an E-mail for Offramp Gateway:

Using the Offramp Gateway transmission, a sender can send E-mails to a facsimile connected on the public switched telephone network. Also, this machine supports subaddress (i.e. ITU-T Mailbox) on the remote facsimile.

When a sender want to send an E-mail to the machine for the Offramp Gateway transmission, the syntax of the Offramp-email-address must be specified correctly.

#### • Sending to Facsimile

Offramp-email-address syntax:

FAX=xxxxxxx@FQDN

"xxxxxxx" is the telephone number of a facsimile.

For example when the domain name (FQDN) of the machine is "host1.toshiba.com" and the facsimile number is "1212121212":

FAX=1212121212@host1.toshiba.com

#### • Sending to Subaddress

Offramp/subaddress-email-address syntax:

FAX=xxxxxxx/T33S=yyyy@FQDN

"xxxxxxx" is the telephone number of a facsimile and "yyyy" is the subaddress.

#### Tip

"T33S" is a syntax code to specify a subaddress. When you send to a subaddress of a facsimile using the Offramp Gateway, the facsimile number and the subaddress number is separated with "p".

For example when the domain name (FQDN) of the machine is "host1.toshiba.com" and the facsimile number is "1212121212", and subaddress is "1234":

FAX=1212121212/T33S=1234@host1.toshiba.com

## Setting Up for Offramp Gateway

To use this machine for the Offramp Gateway transmission, the E-mail account and E-mail properties for the Offramp Gateway must be setup correctly.

E-mail Account Setup	Description
E-mail Address ▶ P3-11	The domain (right part of “@”) of your E-mail address includes a hostname that is added to the domain name of the mail server (or the entire domain name is assigned on the mail server which is set to transfer E-mails to the device). Please ask your network administrator about the domain name of the machine. Also, you can use any unique username for the E-mail address.
Receive Mode ▶ P3-13	Set to "SMTP".
SMTP Server Address ▶ P3-19	Assign the IP address of the main SMTP server that provides the domain for this machine.

E-mail Properties Setup	Description
E-mail to FAX Gateway ▶ P3-43	This sets up the machine to forward the document that is received by the Offramp Gateway transmission.
Gateway Print ▶ P3-44	This sets up the device to print the document sent from the Internet Fax machine when using the Offramp Gateway transmission. The machine prints the document when forwarding it to the facsimile, so that you can confirm what is being sent using the Offramp Gateway.
Gateway Security ▶ P3-45	This sets up the device to check the originating fax number before routing through the Offramp Gateway. If the fax number of the facsimile is not registered as One Touch dials or Abbreviated dials, the machine does not allow the document to be routed through the Offramp Gateway.

## E-mail to Fax Gateway Setting

This sets up the machine to forward the document that is received by the Offramp Gateway transmission. This is available only when the Receive Mode is set to "SMTP". If this is set to ON, it is recommended to set up "Gateway Print" and "Gateway Security".

**1** Press the <sup>PROGRAM</sup> key and press 0 1 0 4 .

E-MAIL SETUP	
01 . PRINT TEXT BODY	▲
02 . BODY PAGE LIMIT	
03 . SEND MDN	▼
-----	
04 . PRINT HEADER	
05 . PRINT E-MAIL ERROR	
06 . PRINT DSN	
07 . PRINT MDN	
08 . REQUEST DSN	
09 . E-MAIL TO FAX GATEWAY	
10 . GATEWAY PRINT	
11 . GATEWAY SECURITY	
12 . CONFIRMATION TIMER	
13 . MESSAGE SIZE LIMIT	

**2** Press 0 9 to select "09.E-MAIL TO FAX GATEWAY".

E-MAIL TO FAX GATEWAY	
1 . OFF	▲
2 . ON	▼

**3** Press 1 to select "1.OFF" when you want to disable the E-mail to Fax Gateway function.

Press 2 to select "2.ON" when you want to enable the E-mail to Fax Gateway function.

E-MAIL SETUP	
07 . PRINT MDN	▲
08 . REQUEST DSN	
09 . E-MAIL TO FAX GATEWAY	▼

- The display returns to the E-MAIL SETUP menu.

## Gateway Print Setting

This sets up the device to print the E-mail before sending the Offramp Gateway transmission. The machine prints the document before forwarding it to the facsimile, so that you can confirm what is being sent using the Offramp Gateway. This setting is available when the E-mail to Fax Gateway function is set to ON.

**1** Press the <sup>PROGRAM</sup> key and press 0 1 0 4 .

E-MAIL SETUP	
01.PRINT TEXT BODY	▲
02.BODY PAGE LIMIT	
03.SEND MDN	▼
-----	
04.PRINT HEADER	
05.PRINT E-MAIL ERROR	
06.PRINT DSN	
07.PRINT MDN	
08.REQUEST DSN	
09.E-MAIL TO FAX GATEWAY	
10.GATEWAY PRINT	
11.GATEWAY SECURITY	
12.CONFIRMATION TIMER	
13.MESSAGE SIZE LIMIT	

**2** Press 1 0 to select "10.GATEWAY PRINT".

GATEWAY PRINT	
1.OFF	▲
2.ON	▼

**3** Press 1 to select "1.OFF" when you want to disable the Gateway Print function.

Press 2 to select "2.ON" when you want to enable the Gateway Print function.

E-MAIL SETUP	
08.REQUEST DSN	▲
09.E-MAIL TO FAX GATEWAY	
10.GATEWAY PRINT	▼

- The display returns to the E-MAIL SETUP menu.

## Gateway Security Setting

This sets up the device to check the originating fax number of the document before allowing the Offramp Gateway transmission.

If the fax number of the facsimile is not registered as One Touch dials or Abbreviated dials, the machine does not allow the Offramp Gateway transmission. This setting is available when the E-mail to Fax Gateway function is set to ON.

### Tip

Any persons, who know the domain name of your machine, can send documents from another Internet Fax machine by the Offramp Gateway transmission using the e-STUDIO16/20/25 as the relay station. This item is for setting the security for E-mail to Fax Gateway function.

3

- 1** Press the <sup>PROGRAM</sup> key and press 0 1 0 4 .

E-MAIL SETUP	
01 . PRINT TEXT BODY	▲
02 . BODY PAGE LIMIT	
03 . SEND MDN	▼
-----	
04 . PRINT HEADER	
05 . PRINT E-MAIL ERROR	
06 . PRINT DSN	
07 . PRINT MDN	
08 . REQUEST DSN	
09 . E-MAIL TO FAX GATEWAY	
10 . GATEWAY PRINT	
11 . GATEWAY SECURITY	
12 . CONFIRMATION TIMER	
13 . MESSAGE SIZE LIMIT	

- 2** Press 1 1 to select "11.GATEWAY SECURITY".

GATEWAY SECURITY	
1 . OFF	▲
2 . ON	▼

- 3** Press 1 to select "1.OFF" when you want to disable the Gateway Security function.

Press 2 to select "2.ON" when you want to enable the Gateway Security function.

E-MAIL SETUP	
09 . E-MAIL TO FAX GATEWAY	▲
10 . GATEWAY PRINT	
11 . GATEWAY SECURITY	▼

- The display returns to the E-MAIL SETUP menu.

## 8. ADDITIONAL FUNCTIONS SETUP

The following additional functions are available when the Internet Fax kit is installed to the machine.

### FTP Server Login Name:

This allows you to set the user name to log in the FTP server on the machine. The user name is required to transmit data between a personal computer and the machine using the TOSHIBA Viewer via Network.

### FTP Server Login Password:

This allows you to set the password to log in the FTP server on the machine. This password is required to transmit data between a personal computer and the machine using the TOSHIBA Viewer via Network.

### LAN FAX Server Address:

This allows you to set the IP address of the LAN FAX server (ImageVision2000 or SmartLink server). Only the LAN FAX server assigned here can access to this machine.

### FTP Server Login Name Setting

This sets the user name to log in the FTP server. This must be set to control the machine using the TOSHIBA Viewer via Network.

**1** Press the <sup>PROGRAM</sup> key and press 0 3 0 4 .

NETWORK
01 . COMPLETE ▲
02 . TCP/IP
03 . NETWARE ▼
04 . APPLE TALK
05 . E-MAIL
06 . FTP
07 . LAN FAX

**2** Press 0 6 to select "06.FTP".

FTP
01 . FTP SERVER LOGIN NAME ▲
02 . FTP SERVER LOGIN PASSWORD ▼

**3** Press 0 1 to select "01.FTP SERVER LOGIN NAME".

FTP SERVER LOGIN NAME
ENTER NAME (MAX32):
public

**4** Enter the E-mail address using the keyboard.  
• "public" is set as a default login name.



**5** Press the <sup>SET</sup> key.  
• The display returns to the FTP menu.

FTP
01 . FTP SERVER LOGIN NAME ▲
02 . FTP SERVER LOGIN PASSWORD ▼






- 5** Press the  key.
- The display returns to the FTP menu.

FTP	
01.FTP SERVER LOGIN NAME	▲
02.FTP SERVER LOGIN PASSWORD	▼

- 6** Press the  key.
- The display returns to the NETWORK menu.
  - If you want to change another FTP setting, change the setting before pressing the  key.

NETWORK	
04.APPLE TALK	▲
05.E-MAIL	
06.FTP	▼

- 7** Press   to select "01.COMPLETE". Save the E-mail settings and start initializing.

- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
- If you want cancel the FTP setting, press the  key before selecting "01.COMPLETE".

NETWORK	
Initializing	

NETWORK	
Operation completed	

INITIAL SETUP	
02.LANGUAGE	▲
03.TERMINAL ID	
04.NETWORK	▼

## LAN FAX Server Address Setting

This sets the IP address of the LAN FAX server (ImageVision2000 or SmartLink server). Only the LAN FAX server assigned here can access to this machine.

- 1** Press the  key and press    .

NETWORK	
01.COMPLETE	▲
02.TCP/IP	
03.NETWARE	▼
04.APPLE TALK	
05.E-MAIL	
06.FTP	
07.LAN FAX	

- 2** Press   to select "07.LAN FAX".

LAN FAX	
01.LAN FAX SERVER ADDRESS	▲



- 3** Press   to select "01.LAN FAX SERVER ADDRESS".

LAN FAX SERVER ADDRESS	
000.000.000.000	



#### 4 Enter the IP address of LAN FAX server using the Dial Keypad.


- 5 Press the  key.
- The display returns to the LAN FAX menu.

LAN FAX	
01.LAN FAX SERVER ADDRESS	▲
	▼

- 6 Press the  key.
- The display returns to the NETWORK menu.
  - If you want to change another LAN FAX setting, change the setting before pressing the  key.

NETWORK	
05.E-MAIL	▲
06.FTP	
07.LAN FAX	▼

- 7 Press   to select "01.COMPLETE". Save the E-mail settings and start initializing.

- After 2 seconds, the Operation Completed message is displayed and returns to the INITIAL SETUP menu. It may take few minutes to finish initializing the Network Interface Card.
- If you want cancel the LAN FAX setting, press the  key before selecting "01.COMPLETE".

NETWORK	
-----	
Initializing	

NETWORK	
-----	
Operation completed	

INITIAL SETUP	
02.LANGUAGE	▲
03.TERMINAL ID	
04.NETWORK	▼



**3**

# LISTS AND REPORTS

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# 1. E-MAIL NOTIFICATION REPORTS PRINT FORMAT

This section describes the print format of the notification reports for the Internet Fax transmission.

## DSN Reports

This is a notification message that the mail server has successfully or unsuccessfully delivered the E-mail message to a mail server of the recipient.

This report is automatically printed if programmed (see "Print DSN Setting" on page 3-28).

### Note

To receive the DSN from the mail server, you must send an E-mail with the DSN request. To set this option, see "Request DSN Setting" on page 3-30.

### ◆ Successful Report of DSN

```
From      : ifax1@toshiba.com
To        : <ifax2@toshiba.com>
Cc        :
Date      : Wed, 4 Jul 2001 15:01:55
Subject   : Delivery Notification (DSN):Success
Envelope-ID : <200106041145840.411001>

-----

This report relates to message you sent with the following header fields:
Message-id: <200106041145840.411001>
To:        ifax1@toshiba.com
Subject:   Internet Fax MAIL

Your message has been successfully delivered to the following recipients:

Recipient address: ifax1@toshiba.com
```

\* The contents shown below the line are depending on the mail server.

### ◆ Unsuccessful Report of DSN

```
From      : ifax1@toshiba.com
To        : <ifax2@toshiba.com>
Cc        :
Date      : Wed, 4 Jul 2001 16:58:52 +0900
Subject   : Returned mail: User unknown
Envelope-ID : 200106041165244.076001

-----

The original message was received at Wed, 4 Jul 2001 16:58:48 +0900
from [172.16.17.129]

----- The following addressees had permanent fatal errors -----
<ifax3@toshiba.com>

----- Transcript of session follows -----
...while talking to [172.16.100.130]:
>>> RCPT To:<ifax3@toshiba.com> NOTIFY=SUCCESS, FAILURE
<<< 550 <ifax3@toshiba.com>... User unknown
550 <ifax3@toshib.com>... User unknown
```

\* The contents shown below the line are depending on the mail server.

## MDN Report

This is a notification message that the recipient has successfully received the E-mail message. This report is automatically printed if programmed (see "Print MDN Setting" on page 3-29).

### Tip

The MDN will not print if the E-mail message has not been successfully received by the recipient, or the recipient does not support the MDN. In this case, you can print the Alert Report that tells you have not received the MDN from the recipient.

```
From      : ifax1@toshiba.com
To        : <ifax2@toshiba.com>
Cc        :
Date      : Wed, 4 Jul 2001 15:01:58
Subject   : Disposition Notification (MDN): Success
Message ID : <200106041145840.411001>
```

```
This report relates to message you sent with the following header fields:
Message-id: <200106041145840.411001>
To         : ifax1@toshiba.com
Subject    : Internet Fax MAIL
```

```
This is a Return Receipt for the mail that you sent to the above recipient.
The message and attached file may have been printed or faxed or saved. This is no guarantee that the
message has been read or understood.
```

\* The contents shown below the line are depending on the Internet FAX machine or personal computer at the receiving side.

---

## Alert Report

This is a alert report that the recipient has not responded for the MDN.  
This report is automatically printed if programmed. (see "Confirmation Timer Setting" on page 3-31)

### Note

This report indicates that you could not received the MDN from the recipient. This report may be printed although the E-mail message is successfully received by recipients in case the recipients do not support MDN.

```
JUL-04-01      11:22 F-      039                ALERT REPORT

                                PAGE                :001
                                TIME                :JUL-04-01 11:37
                                E-MAIL             :ifax@toshiba.com
```

```
FILE NUMBER      :039
DATE             :JUL-04-01 11:22
TO              :user01@toshiba.com
DOCUMENT PAGES   :001
STATUS          :***NOT SURE IF THIS MESSAGE WAS SENT OR NOT, BECAUSE MDN NOT RECEIVED***
```

## 2. LIST AND REPORT PRINT FORMAT

### Transmission/Reception Journal

Transmission/Reception Journals show the result of each communication for up to the past 150 transmission/receptions.

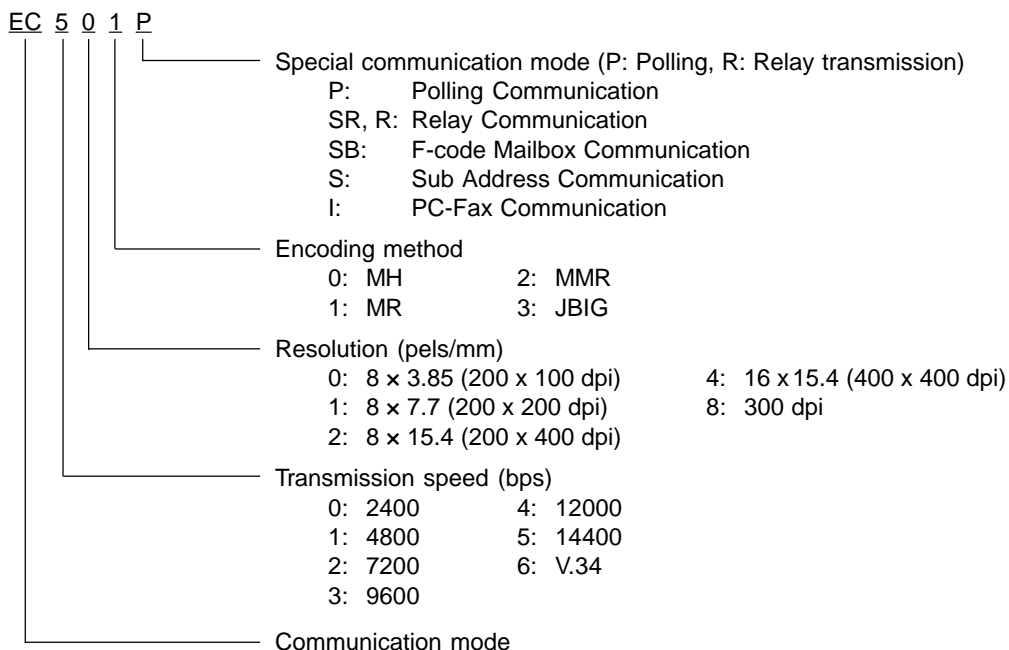
This journal can be printed automatically or manually. (See e-STUDIO16/20/25 OPERATOR'S MANUAL FOR FACSIMILE FUNCTION)

The diagram shows a printout titled "TRANSMISSION JOURNAL". At the top right, there is a block of summary information: PAGE: 001, TIME: JUL-04-2001 11:48AM, TEL NUMBER: 12345678901234567890, E-MAIL: ifax@toshiba.com, NAME: ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN, SCAN COUNT: 67 (00000043), PRINT COUNT: 97 (00000061), and DRUM COUNT: 970 (000003CA). Below this is a table with 10 columns: NBR, FILE NBR, DATE, TIME, DURATION, PGS, TO, DEPT NBR, ACCOUNT, MODE, and STATUS. The table contains 10 rows of data. Numbered callouts 1 through 20 point to specific elements: 1 points to the title; 2-10 point to the summary information fields; 11 points to the NBR column; 12 points to the FILE NBR column; 13 points to the DATE and TIME columns; 14 points to the DURATION column; 15 points to the PGS column; 16 points to the TO column; 17 points to the DEPT NBR column; 18 points to the ACCOUNT column; 19 points to the MODE column; and 20 points to the STATUS column.

NBR	FILE NBR	DATE	TIME	DURATION	PGS	TO	DEPT NBR	ACCOUNT	MODE	STATUS
001	001	JUL-03	12:00AM	00/41	001	12345678901234567890	D 01	9999	G3 330	OK 30
002	010	JUL-03	11:10AM	03/47	006	AABBCC			EC 503 P	OK
003	011	JUL-03	01:14PM	00/24	000	DDEEFFG	D 08		EX 512 R	NG D0
004	014	JUL-03	11:37PM	10/57	012	HHIIJ office	D 20	2000	EC 513	OK
005	028	JUL-04	00:00AM	03/27	003	0559891192			EC 602 SB	NG B2
006	033	JUL-04	11:10AM	01/47	006	CONTENTS dept.			EC 503 I	OK
007	041	JUL-04	11:44AM	00/34	002	user01@toshiba.com			ML 42	SCAN
008	042	JUL-04	11:44AM	00/41	003	TTUUVV@toshiba.com			ML 10	SENT
009	043	JUL-04	11:44AM	00/04	001	aabbcc			EC 513	OK
010	047	JUL-04	01:21PM	00/36	023	hhijj@toshiba.com			ML 10	SENT

- ① List/report name
- ② No. of pages
- ③ Time of output of the list or report
- ④ Facsimile/telephone number of this machine (Max. 40 characters)
- ⑤ E-mail address of this machine (Max. 40 characters) (I-FAX kit is required)
- ⑥ Your station's ID name (Max, 40 characters)
- ⑦ Scan count (indicates the number of scanned pages.)
- ⑧ Print count (indicates the number of printed pages.)
- ⑨ Drum count (indicates the number of pages that the drum was used for printing)
- ⑩ Machine counter information
- ⑪ Serial No. (lists the transmissions in the order they took place. Indicated in 3 digits (001 ~ 999).)
- ⑫ File No. (assigned to the communication jobs and indicated in 3 digits)
- ⑬ Date and time when communication started
- ⑭ Length of each transmission: Minutes/Seconds (If it takes more than 1 hour, "59/59" is indicated. )
- ⑮ Number of pages (indicated in 3 digits (001 ~ 999). More than 1000 pages is indicated as "999".

- ⑩ Remote station's name and Fax/telephone number (When an abbreviated dial number or one touch number is used, the remote station's name is indicated.) The mark "◆" indicates an alternate number or sub-address was used.
- ⑪ Department No. (indicates the department responsible for this transmission job; printed only when the department control option is ON)
- ⑫ Account code (indicated in 4 digits when the account number option is ON and used.)
- ⑬ Mode (The communication mode and added function are indicated.)

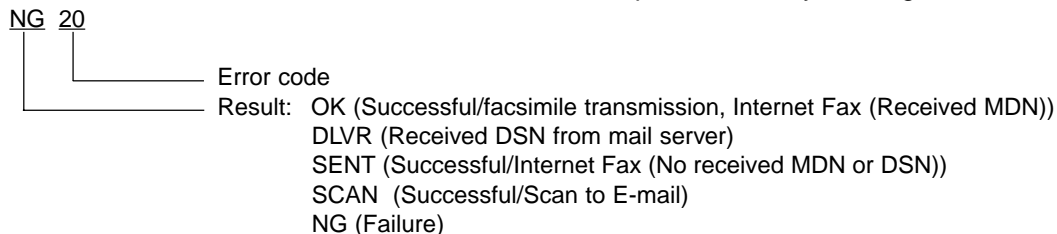


The communication mode is classified as shown below:

Communication Mode	Indication
G3	G3
ECM (*)	EX
ECM	EC
ML	Email
HW, HR	RDC communication

(\*): Toshiba shortened protocol version of the original mode is used.

- ⑭ Result: The result of the transmission is indicated. If the transmission failed, an error code is indicated. When a transmission was completed normally, nothing is indicated.



## Memory Transmission Report

This is the result report printed after Memory Transmission. (A job transmitted after the document is first scanned into memory.)

This report is automatically printed after a transmission is completed, if programmed.

(See e-STUDIO16/20/25 OPERATOR'S MANUAL FOR FACSIMILE FUNCTION)

```
MEMORY TRANSMISSION REPORT

PAGE      : 001
TIME      : JUL-04-2001  11:48AM
TEL NUMBER : 12345678901234567890
E-MAIL    : ifax@toshiba.com
NAME      : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN

① FILE NUMBER      : 999
② DATE            : JUL-04 10:21AM
③ TO              : ☐ABCDEFGHIJKLMNQRST@toshiba.com
④ DOCUMENT PAGES  : 999
⑤ START TIME      : JUL-04 10:00AM
⑥ END TIME        : JUL-04 10:20AM
⑦ SENT PAGES      : 995
⑧ STATUS          : SENT

FILE NUMBER      : 004          *** SUCCESSFUL TX NOTICE ***

⑨ ////////////////////////////////////////////////////
   - image data
   ////////////////////////////////////////////////////
```

- ① File number of the memory transmission job (indicated in 3 digits (001 ~ 999))
- ② Date and time when the memory transmission job was accepted
- ③ Remote party's name, facsimile/telephone number, or E-mail address
- ④ Number of pages input in memory
- ⑤ Time when the transmission started
- ⑥ Time when the transmission was completed (When the recovery transmission option is ON, "(RECOVERY TIME: JUL-04 12:48PM)" is added. The data can be resent until the time indicated after "Resend until:" When the transmission is completed normally or the recovery transmission option is OFF, this information is not added.)
- ⑦ Number of pages which were transmitted normally (indicated in 3 digits (001 ~ 999); more than 1000 pages is printed as "999".)
- ⑧ Result: (Result of communication: OK/SENT/NG)
- ⑨ The image data on page 1 is reduced and printed.

### Note

The Memory Transmission Report is not printed for the Scan to E-mail transmission.

## Multi-Address Transmission Report

This is the result report printed after a Multi-address transmission.  
 This report is automatically printed after a transmission is completed, if programmed.  
 (See e-STUDIO16/20/25 OPERATOR'S MANUAL FOR FACSIMILE FUNCTION)

```

MULTI TRANSMISSION REPORT

                                PAGE      : 001
                                TIME       : JUL-04-2001  11:48AM
                                TEL NUMBER : 12345678901234567890
                                E-MAIL    : ifax@toshiba.com
                                NAME      : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN

FILE NUMBER      : 999
DATE            : JUL-04  11:31PM
DOCUMENT PAGES  : 999
START TIME     : JUL-04  11:10PM
END TIME      : JUL-04  11:32PM (RECOVERY TIME : FEB-26 11:31PM)

SUCCESSFUL
GROUP
  0100          SAPPORO_office          ABB.  ◆001  002  003  004  ◆005  006  .007  008
                                009  010  010  011  012
                                OT      02  ◆05  07  09  09  11

ONE TOUCH NUMBER
  11          ◆ABCDEFGHIJKLMNQRST
  12          SHIZUOKA_office
  13 GROUP   0014  NAHA_office          ABB.  101  102  ◆103
  14 ABB.    220  OOSAKA_office

SPEED DIAL
  014          Amsterdam
  015          ◆Naples
  016          New Delhi

TEL NUMBER
  ☎ 123456789012345678901234567890
  123456789012345678901234567890
  123456789012345678901234567890
  123456789012345678901234567890
  1234567
  ☎ 0120-444444

E-MAIL
  ✉ Fushimi_corporation_limited@fu
    shimi.co.jp

UNSUCCESSFUL
GROUP
  0101          Micronesia_office      ABB.  ◆001  123456789012345678901234567890  001
                                002  Marshall  002
                                OT      02  Seychelles  001

ONE TOUCH NUMBERS
  13 Group   0014  NAHA_office          ABB.  104  FUTENMA  001
                                105  TINSUKOU  003
                                106  YONAGUNI  001

  51          ◆EASTER EGG
  55          SENDAI_office

//////////
document image
//////////
    
```

④

③

⑤

- 
- ① Document pages: The number of pages input in memory is indicated.
  - ② Receivers where the transmission was completed normally. Receiver's name or facsimile/telephone number is indicated.
  - ③ Receiver where an error occurred (indicated when an error occurs) Receivers' name or facsimile/telephone number is indicated.
  - ④ Pages sent: Number of pages sent normally before an error occurred
  - ⑤ The image data on page 1 is reduced and printed.

\* "File Number", "Date", "Start Time", and "End Time" in the format are the same as "Memory Transmission Report".

## Preset Dialing Number Lists

### Alphabetical Sort List

Issues a listing of names programmed to Abbreviated Dial Numbers, One Touch Keys, and Group Numbers.

For printing procedure, see e-STUDIO16/20/25 OPERATOR'S MANUAL FOR FACSIMILE FUNCTION.

PHONEBOOK IN ALPHABETICAL ORDER			
PAGE : 001			
TIME : JUL-04-2001 11:48AM			
TEL NUMBER : 12345678901234567890			
E-MAIL : ifax@toshiba.com			
NAME : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN			
NAME	LOCATION	FAX NUMBER/E-MAIL ADDRESS	
AAAdefghijklmOpqrst	OT 01	1234567890123456789012345678901234567890123456789012345678901234567890 1234567890123456789012345678901234567890123456789012345678901234567 ◆1234567890123456789012345678901234567890123456789012345678901234567890 SUB:12345678901234567890 SEP:12345678901234567890 PWD:*****	
AABdefghijklmOpqrst	ABB. 001	0559891014 ◆0559891024 ✉webmaster@tegciken.co.jp	
Beat kiyoshi	GROUP 0051		
brilliant green	OT 29	00181559761000	
Bringer	OT 33	0120444444	
Charles Baudelaire	ABB. 148	254126	
Dancer.Fushimi	ABB. 006	◆0558762500 0558763500	
Guitar store	GROUP 0001		
JAMES GARFIELD	OT 07	123456789012345 ✉james@president.america.com	
Virginia	GROUP 0008		
Zombi Fushimi	ABB. 003	2223242526 ◆3536373839 SUB:12345678901234567890 SEP:12345678901234567890 PWD:*****	
ZZZZZZZZZ	ABB. 029	✉zzzzzz@zzzzzz.yyyyyy.go.jp	

#### ① Destination name

The station names of one touch/abbreviated dial numbers and the group names (sorted in alphabetical order)

#### ② Type/Number (One touch number/Abbreviated dial number/Group)

#### ③ Dial number data

The facsimile/telephone numbers registered in the one touch number or the abbreviated dial number are indicated. The mark “◆” is added before the facsimile/telephone number when it is a sub-address dial. If SUB/SEP/PWD is registered for the facsimile/telephone number, “SUB:”, “SEP:”, or “PWD:” is added in the front of each line. (Each item has a max. of 20 digits.) The characters of the registered password are indicated by “\*”s. If a group is assigned to the one touch number, the group number is indicated.

#### ④ E-mail address (indicated in a max. of 256 digits)

The E-mail mark “✉” is placed before the E-mail address.

## Abbreviated Dial Number List

Issues a list of remote station dialing numbers or E-mail addresses assigned as Abbreviated Dial Numbers. For printing procedure, see e-STUDIO16/20/25 OPERATOR'S MANUAL FOR FACSIMILE FUNCTION.

ABBREVIATED TEL NUMBER LIST							
		PAGE : 001					
		TIME : JUL-04-2001 11:48AM					
		TEL NUMBER : 12345678901234567890					
		E-MAIL : ifax@toshiba.com					
		NAME : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN					
ABB. NBR	NAME	TEL NUMBER/E-MAIL ADDRESS	TIME	MONI	BPS	REPORT	MAILMODE
001	ABCDEFGHIJKLMNQRST	123456789012345678901234567890 1234567 ◆3456789012345678901234567890 123456789012345678901234567890 123456789012345678901234567890 123456789012345678901234567890 1234567 SUB:12345678901234567890 SEP:12345678901234567890 PWD:***** ABCDEFGHIJKLMNQRSTUWXYZABCD ABCDEFGHIJKLMNQRSTUWXYZABCD ABCDEFGHIJKLMNQRSTUWXYZABCD ABCDEFGHIJKLMNQRSTUWXYZ 0559123456@toshiba.com	11:45AM	ON	48	ON	
002	GREENVILLE OFFICE					ON	200x400 JB A4

- ① Abbreviated dial number (indicated in ascending order (001 ~ 999))
- ② Station's name (left-aligned and indicated in a max. of 20 digits)
- ③ Facsimile/telephone number (indicated in a max of 128 digits)  
A sub-address dial is indicated on the next line. (The mark "◆" is added before the facsimile/telephone number.) If SUB/SEP/PWD is registered for the facsimile/telephone number, "SUB: ", "SEP: ", or "PWD: " is added in the front of each line. (Each item has a max. of 20 digits.) The characters of the registered password are indicated by "\*"s.
- ④ Designated time of transmission by the timer  
When there is not a specified time, it is not indicated. (The specified times for the line and E-mail are indicated.)
- ⑤ Line monitoring for each communication (indicated as a communication added function): ON/OFF  
When line monitoring is OFF, nothing is indicated.
- ⑥ Transmission speed

Transmission speed	Indication
144000 bps	144
9600 bps	96
4800 bps	48
Not specified	Blank
- ⑦ Report (indicated as a communication added function): ON/OFF  
The settings for the line and E-mail are indicated.
- ⑧ Mail mode  
The resolution and encoding method set for the E-mail address, are indicated.

## Group Number List

Issues a list of One Touch Keys or Abbreviated Dial Numbers registered in Multi-address Groups or Multi-polling Groups.

For printing procedure, see e-STUDIO16/20/25 OPERATOR'S MANUAL FOR FACSIMILE FUNCTION.

GROUP NUMBER INFORMATION			
		PAGE	: 001
		TIME	: JUL-04-2001 11:48AM
		TEL NUMBER	: 12345678901234567890
		E-MAIL	: ifax@toshiba.com
		NAME	: ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN
GROUP NUMBER	NAME	OT/ABB. NUMBER	
0001	ABCDEFGHIJKLMNQRST	OT	01 ABCDEFGHIJKLMNOPQRST
			02 AABCCDD
			03 EEPFGG
			04 HHII
		ABB.	111 ABCDEFGHIJKLMNOPQRST
			112 JJKLLMM
			113 NNOOPP
			114 QQRR
1234	COMPANY_GROUP	OT	11 SSTTUUVV
			11 SSTTUUVV
			12 WXXYY
			12 WXXYY
			13 ZZ
		ABB.	121 aabccdd
			122 eeffgg
			122 eeffgg

③
④
⑤

- ① Group number (indicated in 4 digits in the ascending order)
- ② Group name (indicated in max. 20 characters)
- ③ Type: One touch number/Abbreviated dial number
- ④ One touch number/Abbreviated dial number (indicated in ascending order)
- ⑤ Station's name

## One Touch Number List

Issues a list of dial numbers or E-mail addresses of the remote stations assigned to One Touch Dial Key. For printing procedure, see e-STUDIO16/20/25 OPERATOR'S MANUAL FOR FACSIMILE FUNCTION.

ONE TOUCH NUMBER INFORMATION								
		PAGE : 001						
		TIME : JUL-04-2001 11:48AM						
		TEL NUMBER : 12345678901234567890						
		E-MAIL : ifax@toshiba.com						
		NAME : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN						
OT NBR	NAME/FUNCTION	ABB/FAX NUMBER & E-MAIL	TIME	MONI	BPS	REPORT	MAILMODE	
01	ABCDEFGHIJKLMNQRST	123456789012345678901234567890 1234567 ◆123456789012345678901234567890 123456789012345678901234567890 123456789012345678901234567890 1234567 SUB:12345678901234567890 SEP:12345678901234567890 PWD:***** ✉ABCDEFGHIJKLMNQRSTUvwXyZABCD ABCDEFGHIJKLMNQRSTUvwXyZABCD ABCDEFGHIJKLMNQRSTUvwXyZABCD ABCDEFGHIJKLMNQRSTUvwXyZABCD ABCDEFGHIJKLMNQRSTUvwXyZABCD	11:45AM	ON	48	ON		
02	Tokyo Office	0759723288	12:34PM			ON	200x400 JB A4	

① One touch number

② Station's name/Type of registration

③ Abbreviated dial number/Group number/Facsimile telephone number/E-mail address

The mark "✉" is added before the E-mail address.

The mark "◆" is added before the facsimile/telephone number when it is a sub-address dial.

If SUB/SEP/PWD is registered for the facsimile/telephone number, "SUB:", "SEP:", or "PWD:" is added in the front of each line. (Each item has a max. of 20 digits.) The characters of the registered password are indicated by "\*"s.

④ Designated time of transmission (indicated when there is a specified time)

When there is no specified time, it is not indicated.

(The specified times for the line and E-mail are indicated.)

\* "E-mail", "Report", "MON.", "BPS", and "Mailmode", are the same as "Abbreviated Dial Number List".

## Function List

Issues a list to confirm the functions currently set in this facsimile unit.

For printing procedure, see e-STUDIO16/20/25 OPERATOR'S MANUAL FOR FACSIMILE FUNCTION.

### Function List (First Copy)

		ROMversion001 ROMversion002 ROMversion003 ROMversion004	
FUNCTION LIST			
		PAGE : 001	
		TIME : JUL-04-2001 11:48AM	
		TEL NUMBER : 12345678901234567890	
		E-MAIL : ifax@toshiba.com	
		NAME : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN	
KEYBOARD TYPE	: QWERTY	RECOVERY TX	: ON
AVAILABLE MEMORY	: 96MB	STORED TIME	: 24HOUR
MACHINE DEFAULTS		TTI	: OFF
CASSETTE SIZE		SEND AFTER SCAN	: ON
CASSETTE1	: A4	ACCOUNT CODE	: OFF
CASSETTE2	: A3	SEPARATOR PAGE	: OFF
CASSETTE3	: A5	SECURE RX	: ON
(CASSETTE4	: A4 )	START TIME	: 06:00PM
BYPASS	: A4	END TIME	: 09:00AM
WALKUP SCREEN	: COPY	SCHEDULE	: SUN SAT
TIMERS		MEMORY RX	: ON
AUTO CLEAR	: 45SEC	RX REDUCTION	: ON
AUTO LOW POWER	: 60SEC	DISCARD	: ON
AUTO SLEEP	: 4MIN	PRIVILEGED RX	: OFF
WEEKLY TIMER	: OFF	RTI	: ON
SPEAKER VOLUME		REPORTS & LIST	
ALARM VOLUME	: 7	JOURNAL	
KEY TOUCH VOLUME	: 7	MANUAL OUTPUT	: TX & RX
RINGER VOLUME	: 7	AUTO	: ON
MONITOR VOLUME	: 7	COMMUNICATION REPORT	
COPY SETUP		DOCUMENT TX	: ALWAYS
APS/AMS	: APS	MEMORY TX	: ALWAYS (IMAGE)
IMAGE MODE	: TEXT/PHOTO	MULTI TX	: ALWAYS (IMAGE)
LIGHT/DARK	: AUTO	MULTI POLL	: ON ERROR
FINISHING	: NON SORT	RELAY ORIGINATOR	: ALWAYS (IMAGE)
FAX SETUP		RELAY STATION	: ALWAYS (IMAGE)
LINE MONITOR	: ALWAYS	RELAY DESTINATION	: ALWAYS (IMAGE)
RECEIVE INTERVAL	: 3MIN	RECEPTION LIST	
ECM	: OFF	LOCAL MAILBOX	: ON
DOCUMENT MODE	: STANDARD	REMOTE MAILBOX	: OFF
LIGHT/DARK	: MANUAL	RELAY STATION	: ON
DIAL TYPE	: PSTN	REMOTE SERVICE	
ACCESS DIGIT	:	REMOTE ACCESS	: OFF
REDIAL MODE		DOWNLOAD FIRMWARE	: NO JOB
INTERVAL	: 1MIN	RDC PASSWORD	:
COUNTER	: 02	TOTAL PAGE	
AUTO RECEIVE MODE	: AUTO	SCAN	: 1394
RING DELAY	: 1	PRINT	: 67277
MEMORY TX	: ON		
SECURITY TX	: OFF		
COVER SHEET	: ON		

## Function List (Second Copy)

FUNCTION LIST		ROMversion001 ROMversion002 ROMversion003 ROMversion004	
		PAGE	: 002
		TIME	: JUL-04-2001 11:48AM
		TEL NUMBER	: 12345678901234567890
		E-MAIL	: ifax@toshiba.com
		NAME	: ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN
NETWORK (TCP/IP)		E-MAIL	
DHCP	: ENABLE	PRINT TEXT BODY	: ON
IP ADDRESS	: 0. 0. 0. 0	BODY PAGE LIMIT	: 5
SUBNET MASK	: 0. 0. 0. 0	SEND MDN	: ON
DEFAULT GATEWAY	: 0. 0. 0. 0	PRINT HEADER	: ON
HOST NAME	:	PRINT E-MAIL ERROR	: ON
NETWORK (E-MAIL)		PRINT DSN	: ON
E-MAIL ADDRESS	: ifax@toshiba.com	PRINT MDN	: ON
ERROR MAIL FW ADDRESS	: user01@toshiba.com	REQUEST DSN	: ON
POP3 OR SMTP	: POP3	E-MAIL TO FAX GATEWAY	: OFF
POP3 SERVER ADDRESS	: 10. 10. 70.101	GATEWAY PRINT	: ON
POP3 INTERVAL	: 10MINS	GATEWAY SECURITY	: ON
POP3 LOGIN NAME	: *****	CONFIRMATION TIMER	: 1HOUR
POP3 PASSWORD	: *****	MESSAGE SIZE LIMIT	: 4.0MB
SMTP SERVER ADDRESS	: 10. 10. 70.101	SCAN	
NETWORK (FTP SERVER)		SCAN RESOLUTION	: 400X400dpi
FTP SERVER LOGIN NAME	: *****	MESSAGE SIZE LIMIT	: 4.0MB
FTP SERVER LOGIN PASSWORD	: *****	FLASH ROM(OPTION)	
NETWORK (LAN FAX)		PROGRAM	: 1AUWWT1SPA02011
LAN FAX SERVER ADDRESS	: 0. 0. 0. 0		: 05-21-01
NETWORK (NOVELL SETTING)		FUNCTION	: 3AUWWT1SPA02002
IPX/SPX	: ENABLE		: 05-18-01
FRAME TYPE	: AUTO	LANGUAGE	: 2AUWWT1SPA02001
NETWORK (APPLE TALK)			: 04-25-01
APPLE TALK PROTOCOL	: DISABLE	BOOT	: 4AUWWT1SPA02002
			: 05-18-01

## Menu List (Program)

Issues a list of menu items through which functions or options can be set.  
This list can be a useful guide during machine programming.

For printing procedure, see e-STUDIO16/20/25 OPERATOR'S MANUAL FOR FACSIMILE FUNCTION.

### Menu List (First Copy)

MENU LIST (PROGRAM)	
	PAGE : 001
	TIME : JUL-04-2001 11:48AM
	TEL NUMBER : 12345678901234567890
	E-MAIL : ifax@toshiba.com
	NAME : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFHIJKLMN
01.DEFAULT SETTINGS	04.E-MAIL SETUP
01.MACHINE DEFAULTS	01.PRINT TEXT BODY
01.CASSETTE SIZE	02.BODY PAGE LIMIT
02.WALKUP SCREEN	03.SEND MDN
03.TIMERS	04.PRINT HEADER
04.WEEKLY TIMER	05.PRINT E-MAIL ERROR
05.SPEAKER VOLUME	06.PRINT DSN
06.DEPARTMENT CODE	07.PRINT MDN
02.COPY SETUP	08.REQUEST DSN
01.APS/AMS	09.E-MAIL TO FAX GATEWAY
02.IMAGE MODE	10.GATEWAY PRINT
03.LIGHT/DARK	11.GATEWAY SECURITY
04.FINISHING	12.CONFIRMATION TIMER
03.FAX SETUP	13.MESSAGE SIZE LIMIT
01.LINE MONITOR	05.SCAN SETUP
02.RECEIVE INTERVAL	01.SCAN RESOLUTION
03.ECM	02.MESSAGE SIZE LIMIT
04.DOCUMENT MODE	06.REPORT & LIST
05.DIAL TYPE	01.JOURNAL
06.REDIAL MODE	01.MANUAL OUTPUT
07.AUTO RECEIVE MODE	02.AUTOMATIC JOURNAL
08.MEMORY TX	02.COMMUNICATION REPORT
09.SECURITY TX	01.TX REPORT
10.COVER SHEET	02.MEMORY-TX REPORT
11.RECOVERY TRANSMIT	03.MULTI-ADD REPORT
12.TTI	04.MULTIPOLL REPORT
13.SEND AFTER SCAN	05.RELAY ORIGINATOR REPORT
14.ACCOUNT CODE	06.RELAY STATION REPORT
15.SEPARATOR PAGE	07.RELAY END REPORT
16.SECURE RX	03.RECEPTION LIST
17.MEMORY RX	01.LOCAL MAILBOX LIST
18.RX REDUCTION	02.REMOTE MAILBOX LIST
19.DISCARD	03.RELAY RECEPTION LIST
20.PRIVILEGED RX	07.REMOTE SERVICE
21.RTI	01.REMOTE ACCESS
	02.DOWNLOAD FIRMWARE
	03.RDC PASSWORD
	04.SUPPLY ORDER
	02.LISTS
	1.DEPARTMENT CODE
	2.FUNCTION
	3.SUPPLY ORDER
	4.ITU MAILBOX

## Menu List (Second Copy)

### MENU LIST (PROGRAM)

PAGE : 002  
TIME : JUL-04-2001 11:48AM  
TEL NUMBER : 12345678901234567890  
E-MAIL : ifax@toshiba.com  
NAME : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN

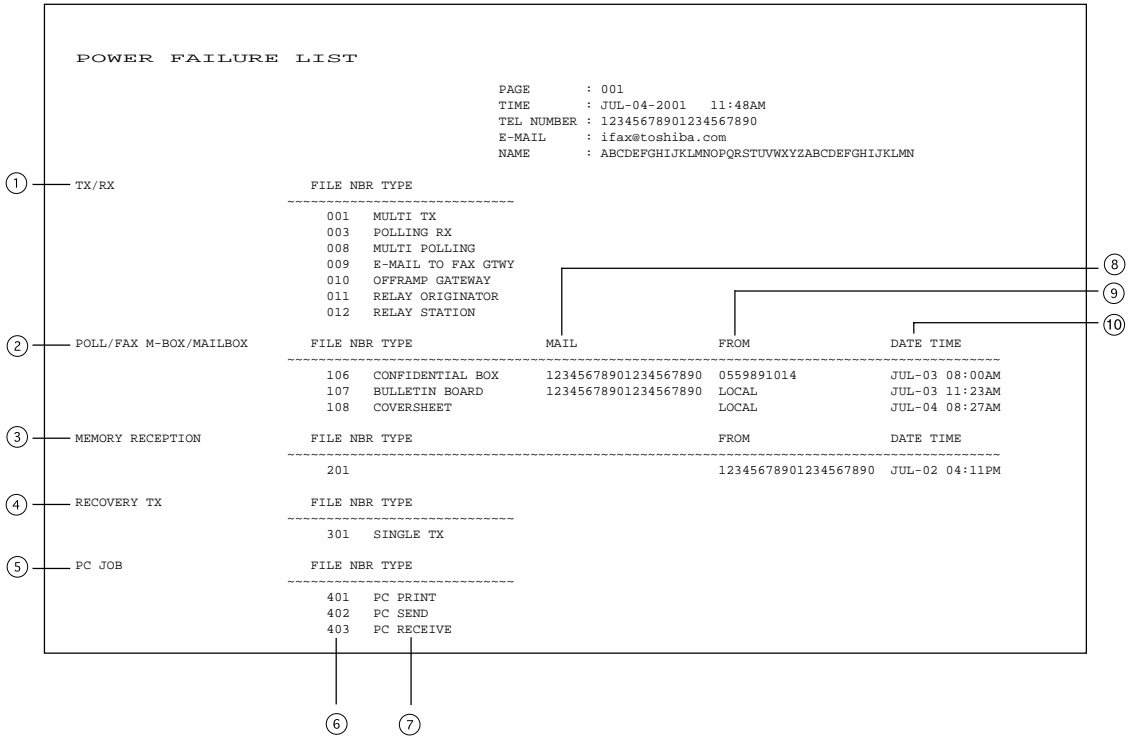
03. INITIAL SETUP  
01. DATE & TIME  
01. SETTING  
02. TIME FORMAT  
03. DATE MODE  
04. MONTH MODE  
02. LANGUAGE  
03. TERMINAL ID  
04. NETWORK  
01. COMPLETE  
02. TCP/IP  
01. BOOTP/DHCP  
02. IP ADDRESS  
03. SUBNET MASK  
04. DEFAULT GATEWAY  
05. HOST NAME  
03. NETWARE  
01. IPX/SPX  
02. FRAME TYPE  
04. APPLE TALK  
01. ETHER TALK  
05. E-MAIL  
01. E-MAIL ADDRESS  
02. ERROR MAIL FW ADDRESS  
03. RECEIVE MODE  
04. POP SERVER ADDRESS  
05. POP TIME  
06. POP LOGIN NAME  
07. POP PASSWORD  
08. SMTP SERVER ADDRESS  
06. FTP  
01. FTP SERVER LOGIN NAME  
02. FTP SERVER LOGIN PASSWORD  
07. LAN FAX  
01. LAN FAX SERVER ADDRESS  
04. MENU LIST  
05. TEST MODE  
01. AUTO TEST  
02. INDIVIDUAL TEST  
01. ADF TEST  
02. KEY TEST  
03. LED TEST  
04. LCD TEST  
05. SPEAKER TEST  
06. SWITCH TEST  
07. TEST PRINT

03. TEST RESULT LIST  
06. TOTAL PRINT COUNTER  
07. MACHINE REVISIONS

## Power Failure List

This facsimile has a battery to back up the document memory contents. However, when the power is turned off for a lengthy period (due to a power failure, etc.) and the communication data stored in memory is cleared, a list of the File Numbers of those cleared communications will be printed.

This list is automatically printed after recovery from a power failure.



① Send/Receive

- The reserved transmission and the reception from the relay station are indicated.

② Poll box/Free box/Mail box (indicates that data exists)

③ Receive to memory (indicates that data received normally exists)

④ Resend stored fax (indicates that data to be resent exists)

⑤ PC Job (indicates that data to be printed/sent/received exists)

⑥ Job number (assigned when communication was made)

⑦ Type of communication job

⑧ Mail box number

⑨ Station from which the data was input: Local or Facsimile/Telephone number (if provide by the remote device)

⑩ Time when the data was input into data memory.

## Power Failure List (Receiving the E-mail from SMTP)

If the E-mail data received via the SMTP mail server was cleared because of an occurrence the power failure, the sender's E-mail address and received data can be checked in this list.

### Note

The memory that the E-mail data is saved is not backed up by a battery.

This list is automatically printed after recovery from a power failure.

4

RECEIVE TO MEMORY	TYPE	FROM	DATE TIME
	E-MAIL RECEIVE	ifax2@toshiba.com	JUL-04-2001 10:50AM
	E-MAIL GTWY	ifax3@toshiba.com	JUL-04-2001 11:18AM

<p style="text-align: center;">POWER FAILURE LIST</p>	<p>PAGE : 001              TIME : JUL-04-2001 11:48AM              E-MAIL : ifax@toshiba.com              NAME : ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN</p>
---	---

- ① E-mail data type
  - E-MAIL RECEIVE : Normal E-mail data
  - E-MAIL GTWY : E-mail data of Off Ramp Gateway
- ② Sender's E-mail address
- ③ Time when the data was input into data memory.

# TROUBLESHOOTING

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# 1. ERROR MESSAGES

If an abnormal condition arises in the machine or an incorrect operation is performed, an alarm buzzer is generated for about 4 seconds and a message to indicate the nature of the error appears in the LCD Display. In that case, take corrective action.

For error messages that are not described in this chapter, refer to the e-STUDIO16/20/25 OPERATOR'S MANUAL FOR COPYING FUNCTION or e-STUDIO16/20/25 OPERATOR'S MANUAL FOR FACSIMILE FUNCTION.

## Operation Error

### Check E-mail Error

The following table describes error messages displayed when pressing the  key.

Error Message	Cause	Solution
Network access error	The Network Interface Card or Internet Fax unit has been damaged.	The Network Interface Card or Internet Fax unit must be replaced. Call for service.
Not POP3 receive mode	The Receive Mode is set to SMTP.	Select POP for the Receive Mode (see page 3-13). If the Receive Mode is set to SMTP, the [CHECK E-MAIL] key is not available.
Not exist POP3 server	The machine cannot find the POP server in the network.	Check the IP address of the POP server is set correctly (see page 3-14). If it is correctly set, ask your network administrator if the mail server is correctly active.
Not exist IP address	The IP address of this machine has not been assigned.	Assign the IP address of this machine (see page 3-6).
Not exist E-mail	No E-mail has been received.	-
Bad POP3 login name	Your user name is incorrect or locked to log in the POP server, or the password is incorrect.	Check the POP login name and password is set correctly (see page 3-17, 3-18). Of they are correctly set, ask your network administrator if your login name is not locked.
Not connect POP3 server	The machine cannot connect to the POP server.	Check the IP address of the POP server is set correctly (see page 3-14). If it is correctly set, ask your network administrator if your POP account is correctly set on the mail server.

## Input Error

The following table describes error messages displayed when inputting address, number, or others.

Error Message	Cause	Solution
Network access error	The Network Interface Card or Internet Fax unit has been damaged.	The Network Interface Card or Internet Fax unit must be replaced. Call for service.
Invalid data	<ul style="list-style-type: none"> <li>• "0" is entered at "Body Page Limit" or "000" is set to any 8-digit section of IP address.</li> <li>• The invalid character is entered.</li> </ul>	Input a correct value.
Name not found	During the name is searching, the same name could not be found.	Input a correct search name.
Number not listed	E-mail address is not registered in the selected One Touch Key, Abbreviated Dial Number, or Group Number.	Select the One Touch Key, Abbreviated Dial Number, or Group Number that E-mail address is assigned.
Invalid E-mail address	The invalid character is entered for E-mail address.	Input a correct E-mail address.
Already assigned	<ul style="list-style-type: none"> <li>• During the registration of One Touch Key or Speed Dial, the selected One Touch Key or Speed Dial has already been assigned.</li> <li>• During the registration of Group Number, selected One Touch Key or Abbreviated Dial Number has already been assigned to the Group Number.</li> </ul>	<ul style="list-style-type: none"> <li>• Select another One Touch Key or Speed Dial to register, or you can modify the selected One Touch Key or Speed Dial.</li> <li>• Select another One Touch Key or Abbreviated Dial Number that has not been assigned to the Group Number.</li> </ul>
Dial number in use	During the modifying the registration of One Touch Key or Speed Dial, the selected One Touch Key or Speed Dial is in use for a transmission.	Wait for the transmission is completed and try again.

## Others

The following table describes other error messages displayed during operation.

Error Message	Cause	Solution
Entry memory full	During registration of the One Touch Key or Speed Dial, or during the Internet Fax transmission is performed, there is not enough memory to store the phonebook data because too many destinations are assigned.	Delete unnecessary destinations and try again.
Network disable	The Internet Fax unit cannot be identified or the Internet Fax unit does not respond.	Turn off the power of machine and then on. If this error message is repeatedly displayed, call for service.
Network initializing	The Network Interface Card is initializing now.	Wait for initializing is completed.
Internet fax sending	The setting operation is prohibited because the machine is under: <ul style="list-style-type: none"><li>• Transmitting the Internet Fax.</li><li>• Receiving the Internet Fax.</li><li>• Printing.</li><li>• Operating MIB.</li><li>• Operating FTP.</li></ul>	Wait for the machine completes the current operation.

## Transmission/Reception Error

### Internet Fax Transmission Error

The following table describes other error messages displayed during sending the Internet Fax.

Error Message	Cause	Solution
E-mail error	An error occurs during sending the Internet Fax.	Print the Transmission Journal and check the error code. Refer to "Error Code Printed on Report" on page 5-7 and solve the problem.
Memory overflow	The scanned data size of a page exceeds the limitation, or the memory is full while transmitting the Internet Fax.	Change the Message Size Limit and try again (see page 3-32 or 3-34).

### Internet Fax Reception Error

The following table describes other error messages displayed during receiving the Internet Fax.

Error Message	Cause	Solution
E-mail error	An error occurs during receiving the E-mail.	Print the Reception Journal and check the error code. Refer to "Error Code Printed on Report" on page 5-7 and solve the problem.
Error mail receive	Fails to retrieving E-mails from the mail server.	Check the E-mail properties settings on the machine. Unless any problems are found in settings, it may be caused by a network traffic. Try again when the network traffic is less.
Memory overflow	Received E-mail is too large to save into the memory.	Ask your sender to reduce the mail size and resend again. If you set the Error E-mail forward address, the E-mail may be forwarded to the computer. Check the E-mail on your PC.

## 2. Error Code Printed on Report

When an Error Code is printed as a status indication on Transmission Reports, etc. related to Internet Fax transmission, refer to the following description for the applicable Error Code to determine the cause and solution.

### Transmit Code

Error Code	Cause	Solution
60	An error occurs during converting the image data.	The Internet Fax unit may be required to be replaced. Call for service.
61	An error occurs during editing the text data.	The Internet Fax unit may be required to be replaced. Call for service.
62	Cannot access to the Network Interface Card.	The Network Interface Card or Internet Fax unit may be required to be replaced. Call for service.
63	Sequence problem occurs in IEEE1284 interface.	Check the connector cable is correctly connected. If the error repeatedly occurs, the Internet Fax unit may be required to be replaced. Call for service.
71	An error or timeout error occurs during accessing to the SMTP server.	Check the SMTP server address is correctly set (see page 3-19). Check your mail server is supported by the Internet Fax (see page 1-4) or correctly set up for the Internet Fax.
72	The Host Name is incorrect.	Set the Host Name correctly (see page 3-9).
73	The E-mail Address of this machine has not been set.	Set the E-mail Address of this machine (see page 3-11).
74	The SMTP Server Address has not been set.	Set the SMTP Server Address (see page 3-19).
75	The IP Address of this machine has not been set.	Set the IP Address of this machine (see page 3-4).
76	The scanned data size of a page exceeds the limitation.	Change the Message Size Limit and try again (see page 3-32 or 3-34).
77	The mail server cannot find the destination of E-mail address that you send.	Check the E-mail address that you send and try again.
78	The E-mail Address of this machine is incorrect.	Set the E-mail Address of this machine correctly (see page 3-11).
79	An error occurs in the connection of SMTP server because of line traffic.	Try again when the line traffic of your network becomes less.
7A	The unsuccessful DSN is received from the mail server.	Check the E-mail address that you send and try again.
7B	The recipient cannot successfully receive your E-mail and unsuccessful MDN is received.	The capability of E-mail that you send is not supported by the recipient MUA. Check the capability setting and try again.

## Receive Code

Error Code	Cause	Solution
80	Sequence problem occurs in IEEE1284 interface.	Check the connector cable is correctly connected. If the error repeatedly occurs, the Internet Fax unit may be required to be replaced. Call for service.
90	The received image data or text data is damaged. The machine receives the image data in unknown format (non-TIFF-FX format). The encoding type of received E-mail is invalid.	Contact your sender to resend the image data in the TIFF-FX format and in the resolution of either 200x100, 200x200, 400x200, 400x400 (dpi). This E-mail should be forwarded to the Error E-mail Forward Address if programmed. Check received E-mail forwarded to your PC.
91	The received image data or text data is damaged. The machine receives the image data in unknown format (non-TIFF-FX format). The encoding type of received E-mail is invalid.	Contact your sender to resend the image data in the TIFF-FX format and in the resolution of either 200x100, 200x200, 400x200, 400x400 (dpi).
92	An error occurs during analyzing the E-mail. The received E-mail may contain the functions that are not supported by the Internet Fax unit.	Contact the sender and ask to resend the E-mail without functions that not supported by the Internet Fax. This E-mail should be forwarded to the Error E-mail Forward Address if programmed. Check received E-mail forwarded to your PC.
93	An error occurs during analyzing the E-mail. The received E-mail may contain the functions that are not supported by the Internet Fax unit.	Contact the sender and ask to resend the E-mail without functions that not supported by the Internet Fax.
94	Memory overflow occurs.	Contact the sender and ask to resend the E-mail by reducing the size of E-mail. This E-mail should be forwarded to the Error E-mail Forward Address if programmed. Check received E-mail forwarded to your PC.
95	Memory overflow occurs.	Contact the sender and ask to resend the E-mail by reducing the size of E-mail.

Error Code	Cause	Solution
9A	The Offramp Gateway transmission is terminated because of the Gateway Security.	This Offramp Gateway transmission may be sent by unknown user. The E-mail for the Offramp Gateway transmission is printed if the Gateway Print is programmed. Check the printed document and check the sender. This E-mail should be forwarded to the Error E-mail Forward Address if programmed.
9B	The Offramp Gateway transmission is terminated because of the Gateway Security.	This Offramp Gateway transmission may be sent by unknown user. The E-mail for the Offramp Gateway transmission is printed if the Gateway Print is programmed. Check the printed document and check the sender.
9C	Invalid characters are used for the Offramp-E-mail-Address or the length of fax number or subaddress number exceeds the limitation.	Contact the sender and ask to resend using the correct fax number or subaddress. This E-mail should be forwarded to the Error E-mail Forward Address if programmed.
9D	Invalid characters are used for the Offramp-E-mail-Address or the length of fax number or subaddress number exceeds the limitation.	Contact the sender and ask to resend using the correct fax number or subaddress.



**5**

# TECHNICAL WORD REFERENCE



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## D

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### **Default Gateway**

Default Gateway commonly refers to a gateway address of the router. The router is a device that connects between a LAN and other LANs.

### **DHCP, *dynamic host configuration protocol***

DHCP is a protocol for the purpose of assigning dynamic IP addresses to devices on a network. Using DHCP, the devices obtains the different IP address every time the device connects to the network.

### **Domain**

Domain defines a group of computers and devices on the network. Within the Internet, domains are defined by the IP address or DNS name, such as "toshiba.com".

### **DNS, *domain name system (service)***

DNS is an Internet service that manages the translations between IP addresses and domain names. Instead of identifying a host with an IP address, the host can be identified with alphabetic name using the DNS. Within the Internet, DNS is commonly used to identify a host. For example, "www.toshiba.com" is a DNS domain name that assigned using the DNS.

### **DSN, *delivery status notification***

DSN is a system to notify the electric mail sender of the status of the message that been sent. The status, such as failed delivery, delayed delivery, successful delivery, or the gateway of a message into an environment that may not support DSNs, is notified when an electric mail with the DSN request is sent.

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## E

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### **E-mail, *electric mail***

E-mail is the transmission of messages for over communications network, enables to transfer the electric files stored on a disk between most mainframes and computers on network.

### **E-mail Address**

A name that identifies an electric post office box in a mail server within the Internet. E-mail address consists of two elements, user name that identifies the post office box in a mail server and host name that identifies the mail server, and they are divided by "@". Within the Internet, usually the domain name is used for the host name. For example, "ifax@toshiba.com" is an E-mail address. "ifax" is a user name, and "toshiba.com" is the domain name that identifies the mail server.

### **ESMTP, *extended simple mail transfer protocol***

ESMTP is defined as the service extensions based on SMTP, for the purpose of providing some improvements from SMTP. Enhancing SMTP, ESMTP provides a new command to support the DSN and MDN. (Refer to "SMTP")

---

## F

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### **FQDN, *fully qualified domain name***

FQDN is a domain name that completely identifies the host computer and consists of a host and all level of the domain name. FQDN is always starts with a host and ends with top-level domain. For example, when the host name is "host1" and the domain name is "toshiba.com", the FQDN will be "host1.toshiba.com".

### **FTP, *file transfer protocol***

FTP is a protocol commonly used for transferring files on the Internet.

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## H

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### Host

Host refers to a computer connected to a TCP/IP network.

### Hostname

Hostname is a name to identifies a computer connected to a TCP/IP network. Within the Internet, a DNS domain name is used for the Hostname.

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## I

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### IP Address

IP Address is used to identify the node on a TCP/IP network. It is described with 32-bit numeric address written as four numbers separated by periods.

### Internet

The Internet is a global network of networks connecting millions of computers worldwide via many computer networks using a simple standard common addressing system and TCP/IP (Transmission Control Protocol/Internet Protocol).

### Internet Fax

Internet Fax enables to transmit a facsimile through the local area network (LAN) and the Internet communication instead of the public switched telephone network (PSTN).

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## L

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### LAN, *local area network*

LAN is a computer network that consists of computers in a small area. Each individual computer can share and access data and devices in a LAN.

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## M

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### MDN, *message disposition notification*

MDN is a system to notify the electric mail sender of the disposition of a message after electric mail has been successfully delivered to a recipient.

### MIB, *management information base*

MIB is a database of objects that can be monitored by a network management system. Such as SNMP and RMON monitors the device on the network using the MIB formats.

### MIME, *multipurpose internet mail extensions*

MIME is a specification for the purpose of formatting non-ASCII messages. MIME enables to send and receive graphics, audio, and video files through the Internet mail system.

### MTA, *mail transfer agent*

A server application that transfers the electric mail sent from the MUA is called MTA.

### MUA, *mail user agent*

A client application that send or receive the electric mail is called MUA.

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## N

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### Node

Node is a generic term of a processing location in network. It can be a computer or network devices, such as printer. Every node has unique network address such as DLC address and MAC address.

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## P

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### **POP/POP3, *post office protocol***

POP is a protocol to retrieve the E-mail message from a mail server. Most E-mail applications use POP. POP3 is a newer version of the POP protocol.

### **PSTN, *public switched telephone network***

PSTN is a global telephone system enables to communicate in worldwide using copper wires to transmit analog data.

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## S

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### **SMTP, *simple mail transfer protocol***

SMTP is a server protocol to transfer the E-mail message between servers. Most E-mail system uses SMTP to transfer the E-mail messages over the Internet.

### **SNMP, *simple network management protocol***

SNMP is a suite of protocols for the purpose of managing complex networks. The device compatible to SNMP stores the data of itself in MIB format.

### **Subnet/Subnet Mask**

Subnet is a portion of a network specified with a common address component for the purpose of a security and performance. On TCP/IP network, a portion of a network is specified with Subnet Mask. Subnet Mask determines what subnet an IP address belongs to on the network.

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### **TCP/IP, *transmission control protocol/internet protocol***

TCP/IP is a suite of protocols to connect the network nodes on the Internet. TCP/IP actually composed of several protocols; such as TCP and IP. TCP is used to manage the transmission of the data between applications. IP is used to manage the transmission of the data between host computers. Using TCP/IP, the node is identified with a 32-bit numeric address called "IP address".

### **TIFF, *tagged image file format***

TIFF is a file format for storing bitmapped images. The image files in TIFF format commonly describes with a ".tif" extension.



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