





**brother**  
**FAX-1010**  
**USER'S GUIDE**



# Table of Contents

	<b>List of Figures &amp; Tables</b>	
	<b>About This Manual</b>	
	<b>1 Introducing the FAX-1010</b>	<b>1</b>
	1 <b>Hardware Features</b>	
	4 <b>Compatibility</b>	
	4 <b>Functions</b>	
	4 Abbreviated Numbers	
	5 One-Touch Dialing	
	5 Automatic Redialing	
	5 Transmit Terminal Identification (TTI)	
	5 Polling	
	6 Optical Mark Reader Sheets (OMR)	
	6 Transmission Report	
	6 Communications Journal	
	7 Display Language Selection	
	<b>2 Setting Up Your Machine</b>	<b>9</b>
	9 <b>Assembling the Components</b>	
	12 <b>Making Connections</b>	
	13 <b>Setting Up the System</b>	

### **13 Notes on Procedures**

- 14 Making Corrections
- 14 Entering Telephone Numbers
- 15 Status Displays
  - 15 Idle State Display
  - 15 Normal Transmission Display
- 16 Transmission Mode
- 16 Resolution

### **16 Setting System Functions**

### **20 Using Abbreviated Numbers**

- 21 One-Touch Dialing
- 21 Setting Abbreviated Numbers

## **3 Operating the FAX-1010**

**27**

### **27 Copying**

- 27 Test Copying
- 28 Acceptable Documents
- 29 Carrier Sheet
- 29 Resolution and Contrast
  - 30 Setting the Resolution
  - 30 Setting the Contrast
- 31 Copying a Document

### **31 Sending**

- 32 Setting the Number of Pages
- 32 Simple Transmission
  - 32 Dialing with the Telephone
  - 33 Dialing from the Operation Panel
  - 34 One-Touch Dialing
- 34 Automatic Transmission
  - 37 Cancelling Auto-Transmission

### **38 Receiving**

- 38 Auto-Receive Mode
- 38 Manual Receive Mode

### **38 Polling**

- 39 Being Polled
- 39 Cancelling Polling
- 40 Polling Another Machine
- 40 Dialing with the Telephone
- 40 Dialing from the Operation Panel
- 41 One-Touch Polling
- 42 Turnaround Polling
- 43 Automatic Polling
- 43 Single Station, Group & Daily Polling
- 47 Cancelling Auto-Polling

### **48 OMR Sheets**

- 49 Filling Out OMR Sheets
- 51 Using OMR Sheets

### **52 Voice Communications**

- 52 Receiving a Call
- 53 Calling the Other Operator
- 53 Before Sending
- 54 After Sending, Receiving, or Polling

## **4 Lists & Reports**

55

### **55 Communications Journal**

- 56 Printing the Journal

### **57 Transmission Report**

### **57 Voice Request Slip**

V

- 58 **Status Listings**
- 58 Function List
- 59 Auto-Dial List
- 60 Abbreviated Number List
- 61 Group Number List

62 **Printing Status Lists**

**5 Troubleshooting**

63

63 **Error Messages**

- 63 COMM ERROR
- 63 AUTODIAL ERROR
- 63 DOCUMENT JAM
- 64 OMR ERROR
- 64 PAGE # MISMATCH
- 64 PAPER EMPTY
- 64 PAPER JAM
- 65 SEC. CODE ERROR

65 **Lightning Protection**

**Appendices**

67

- 67 **A — Mode & Error Codes**
- 69 **B — Function Codes**
- 71 **C — Specifications**

**Index**

73

# **Figures & Tables**

## **Chapter 1 Introducing the FAX-1010**

- 1 Figure 1-1 Front View
- 2 Figure 1-2 Operation Panel
- 3 Figure 1-3 Side View

## **Chapter 2 Setting Up Your Machine**

- 9 Figure 2-1 Removing the Protective Strip
- 10 Figure 2-2 Attaching the Plastic Guide Sheet
- 10 Figure 2-3 Attaching the Document Support
- 11 Figure 2-4 Attaching the Recording Paper Tray
- 11 Figure 2-5 Attaching the Document Tray
- 12 Figure 2-6 Telephone Line Connections

## **Chapter 3 Operating the FAX-1010**

- 28 Table 3-1 Acceptable Document Sizes
- 29 Figure 3-1 Using a Carrier Sheet
- 48 Figure 3-2 Parts of OMR Sheet
- 49 Figure 3-3 Initial Settings on the OMR Sheet
- 50 Figure 3-4 Entering a Security Code

## **Chapter 4 Lists and Reports**

- 56 Figure 4-1 Communications Journal
- 57 Figure 4-2 Transmission Report
- 57 Figure 4-3 Voice Request Slip
- 58 Figure 4-4 Function List
- 59 Figure 4-5 Auto Dial List
- 60 Figure 4-6 Abbreviated Number List
- 61 Figure 4-7 Group Number List

## **Chapter 5 Troubleshooting**

- 63 Figure 5-1 Removing a Jammed Document
- 65 Figure 5-2 Removing Jammed Recording Paper

**Appendix A Mode & Error Codes**

67 Figure A-1 Mode & Error Codes on Communications Journal

68 Table A-1 Mode & Error Code List

**Appendix B Function Codes**

69 Table B-1 Function Code List



## **About This Manual**

The highly advanced **Brother FAX-1010 facsimile** has been designed with a variety of powerful functions and features which you can use to make your communications system more efficient and less costly—but only if you know how to use them properly. That is the purpose of this manual: to teach you how to use these functions and achieve maximum performance from your FAX-1010.

Eventually you will be able to operate your FAX-1010 using the many prompts it displays to lead you through the various programs and settings. For now, however, we recommend that you read this manual thoroughly.

This manual is organized to help you find the information you need, as quickly and easily as possible.

- Chapter 1, **Introducing the FAX-1010**, explains the basic components and functions of your facsimile machine.
- Chapter 2, **Setting Up Your Machine**, describes how to assemble the accessories, load recording paper, and make cable connections. You'll also learn how to set the system functions you'll need and abbreviated telephone numbers for speedy dialing.
- Chapter 3, **Operating the FAX-1010**, explains how to use all of your machine's functions—from routine sending and receiving to advanced operations.
- Chapter 4, **Lists & Reports**, describes the various printouts that you can use to keep track of settings and check the status of documents you send.
- Chapter 5, **Troubleshooting**, lists error messages that are displayed and what action to take.

- Appendix A, Mode & Error Codes, defines the codes that are printed on the Communications Journal to identify the communications mode used and any errors that occurred.
- Appendix B, Function Codes, gives a summary of the key combinations that select the various functions of your FAX-1010.
- Appendix C, Specifications, contains the technical specifications for the FAX-1010.

## Chapter 1

# Introducing the FAX-1010

The purpose of this chapter is to familiarize you with the FAX-1010's hardware features as well as some of its major functions and capabilities.

## Hardware Features

The FAX-1010's hardware features are shown in Figure 1-1, with closeups of the operation panel in Figure 1-2, and the side of the machine in Figure 1-3.

**Figure 1-1.**  
Front View

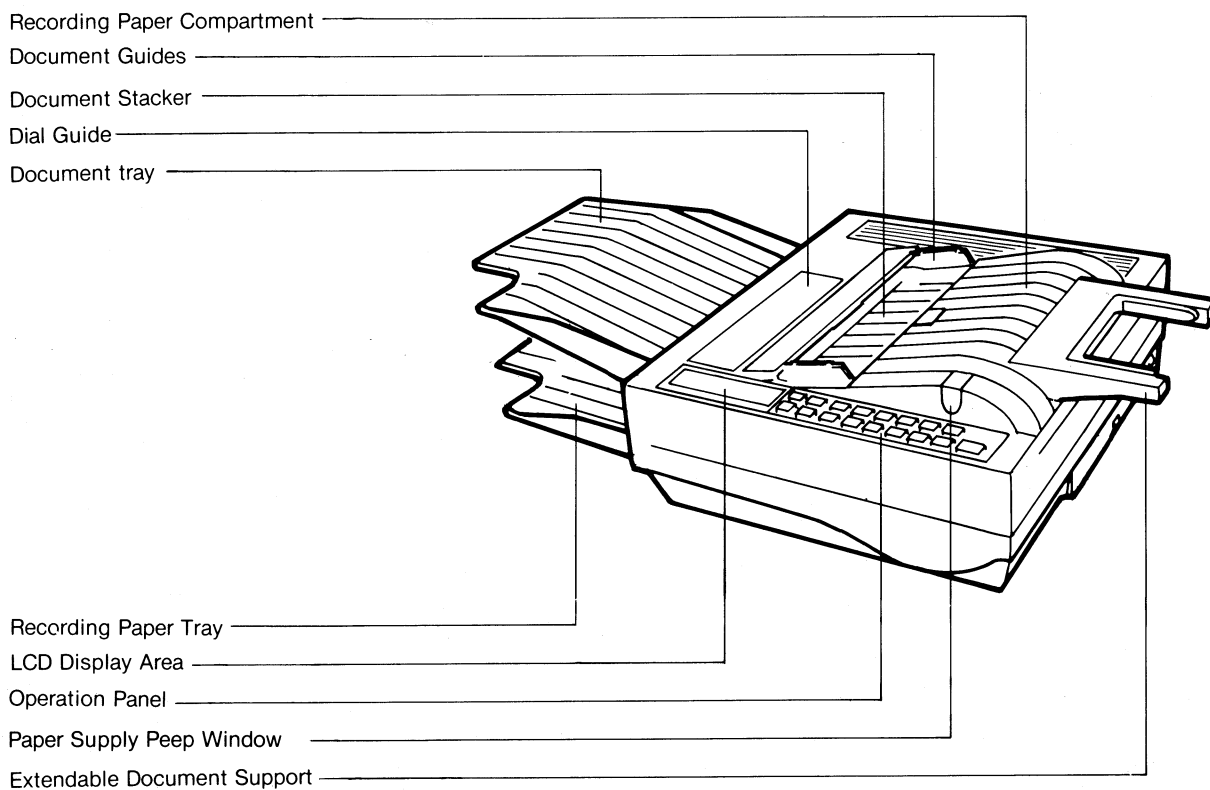
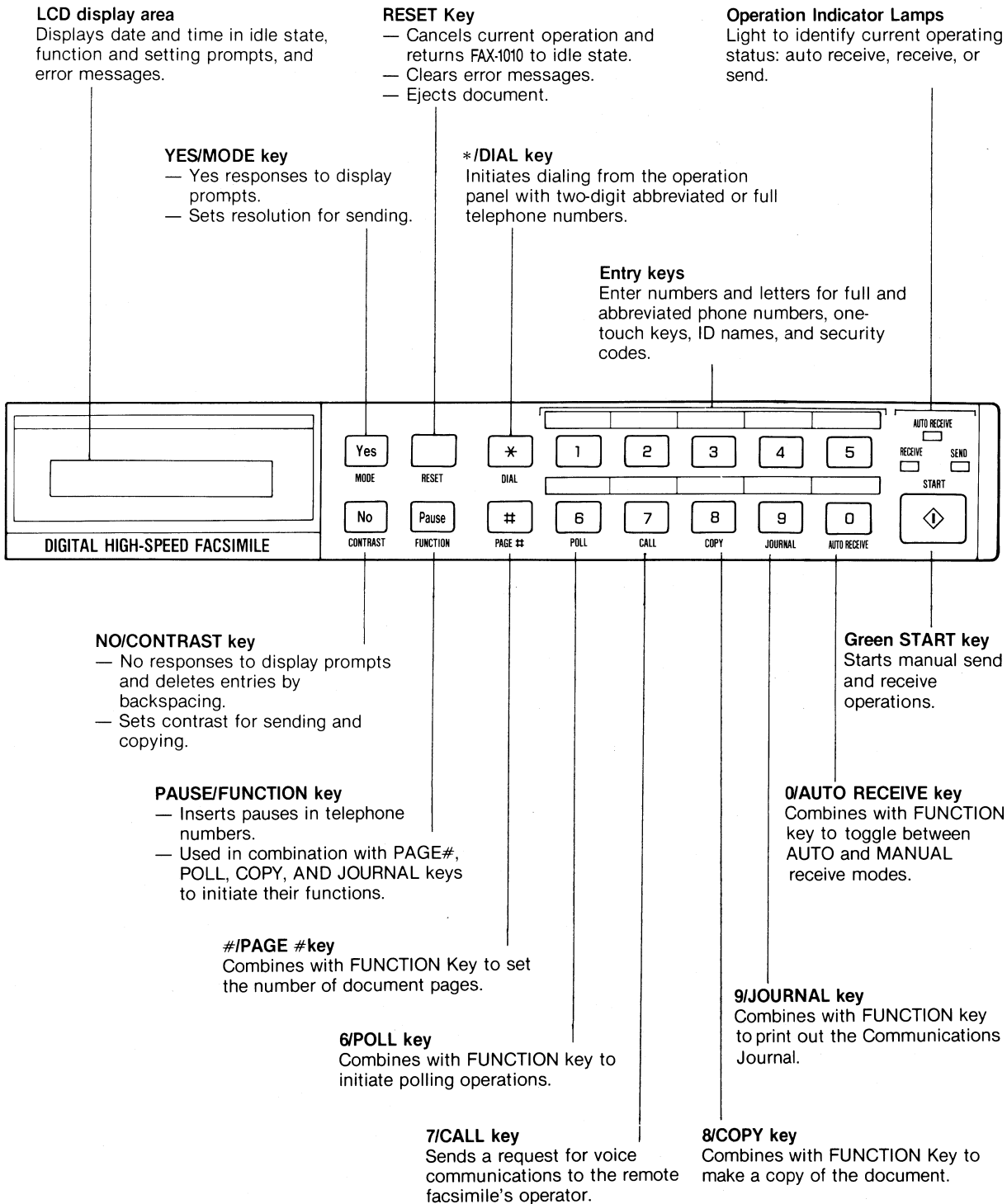


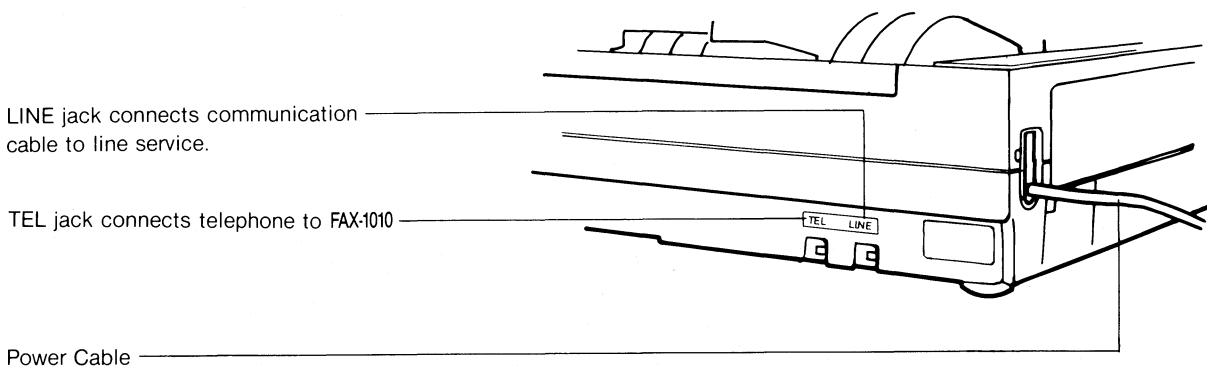
Figure 1-2.  
Operation Panel



In general, when you copy or send a document, you will follow this sequence:

1. Determine if the document can be copied or sent as it is (see Table 3-1 on page 28 for acceptable documents) or if a carrier sheet (see page 29) must be used.
2. Adjust the paper guides to the width of the document. (Maximum page width is 216mm (8.5 inches)).
3. Place up to ten pages face down on the document stacker. Fan the pages so that the bottom sheet feeds in first.
4. Select the proper contrast and resolution with the CONTRAST and MODE keys on the operation panel.
5. Call the other facsimile using the telephone or the FAX-1010 's key pad.

**Figure 1-3.**  
Side View



The document will be sent, then fed out onto the document tray. When a document is copied or received, the cut recording paper will be fed out onto the recording paper tray.

## **Compatibility**

The FAX-1010 is fully compatible with CCITT standard facsimile transmission in Group 3, and Group 2 modes. In addition, HS mode (Brother High-Speed mode) is selected automatically when communicating with other Brother FAX-1010 and FAX-2020 facsimile units to give faster transmission of your documents. The FAX-1010 will automatically select the transmission mode according to the capability of the remote facsimile.

In modes other than HS mode, there may be some incompatible functions depending on the terminal type. In particular, the remote facsimile may not return its own telephone number in the initial handshake between terminals, and so this data will occasionally not be listed in printouts, on the voice request slip, and not displayed on the LCD while communicating.

## **Functions**

This section introduces the versatile functions of your FAX-1010. Chapter 3, Operating the FAX-1010, provides detailed procedures for using these functions.

---

## **Abbreviated Numbers**

The FAX-1010 allows you to assign a two-digit abbreviated number to up to 50 commonly used telephone numbers. You then need dial only the abbreviated number instead of the full telephone number. See page 21 for registering two-digit abbreviated numbers.

---

### ***One-Touch Dialing***

For even faster dialing, the FAX-1010 automatically assigns a one-touch key to abbreviated numbers 01 through 10. For these, all you have to do is press one key to dial (see page 21).

---

### ***Automatic Redialing***

If the telephone number you called is busy, the FAX-1010 will automatically redial it for you three times at two-minute intervals. If the number is still busy, the FAX-1010 returns to the idle state.

---

### ***Transmit Terminal Identification (TTI)***

With transmit terminal identification (TTI), the receiving party never has any doubt about who sent a document or when because your facsimile identification and telephone number together with the data and time are automatically printed at the top of every page in the document you send.

To prevent obscuring information at the top of the page, you may choose to have the TTI printed just above the text of the original document. See page 17 for setting up TTI.

---

### ***Polling***

Instead of receiving documents randomly then having to rearrange them by project or topic, you may receive documents for a specific project at a time you choose by using the polling function. Polling also makes it easier to assign costs to the appropriate project since telephone charges are billed to the facsimile number doing the polling, not the several facsimiles that are sending documents.

Various polling options are available. These include:

- Simple polling (page 38)
- Turn-around polling (page 42)
- Automatic polling (page 43)
- Daily polling (page 46)

With the exception of turn-around polling, a security code can be assigned to prevent unauthorized access to the documents between Brother FAX-1010 and Brother FAX-2020 facsimiles.

---

### ***Optical Mark Reader (OMR) Sheets***

Optical mark reader sheets (see page 48) provide a means of entering information into the FAX-1010 without using the operation panel. Several such OMR sheets and documents can be loaded at one time, as long as the total number of pages (OMR sheets plus document pages) does not exceed the FAX-1010's stacker capacity (10 sheets). After an OMR sheet is filled out, you can use it over and over again, which is a real convenience if you frequently send to the same facsimile.

---

### ***Transmission Report***

If you set this option, the FAX-1010 will output a transmission report after every document you send to tell you who received the document, how many pages were sent, the duration of the transmission, and whether there were any errors. See page 18 to set automatic output of the transmission report.

---

### ***Communications Journal***

The journal lists the date, time, duration, number of pages, mode used, and completion status of documents you send and receive.



---

***Display Language Selection***

This facsimile is initially set to display and print listings in English. You may alternatively select French, or English, by following this simple procedure.

To select either language, press the FUNCTION key and \* key in sequence. Press the NO key until the language you want is displayed. Then press YES, to finish and return the facsimile to the idle state.



## Chapter 2

# Setting Up Your Machine

SETUP

This chapter explains how to set up your FAX-1010 facsimile after unpacking and make the necessary connections to the telephone line. It also contains two sets of procedures, Setting System Functions, and Setting Abbreviated Numbers.

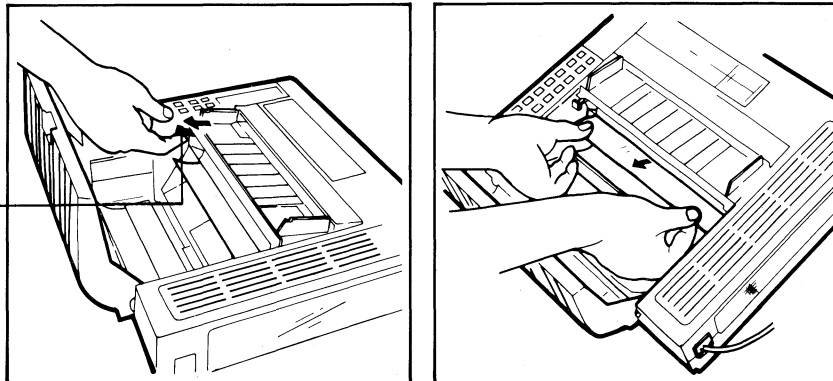
## Assembling the Components

Follow these steps to load the recording paper and attach the accessories to your FAX-1010 facsimile:

1. Open the paper compartment cover and remove the roll of recording paper.
2. Pull out the green paper release knob and remove the strip of paper inserted to protect the thermal head during shipment.

**Figure 2-1.**  
Removing the Protective Strip

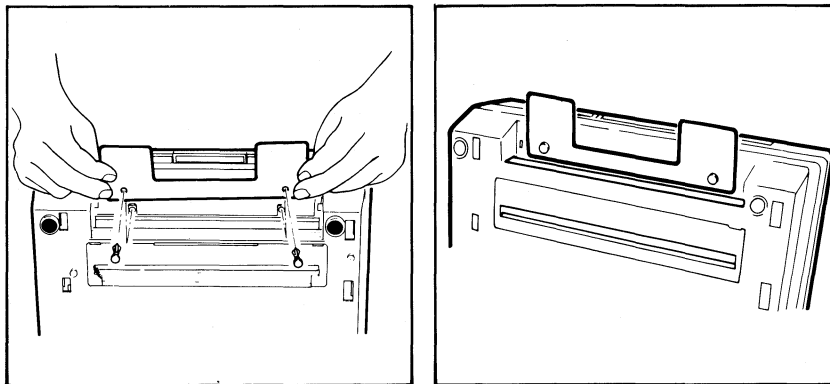
Paper Release Knob



3. Unwrap the roll of recording paper and load it as shown in the figures on the inside of the cover.

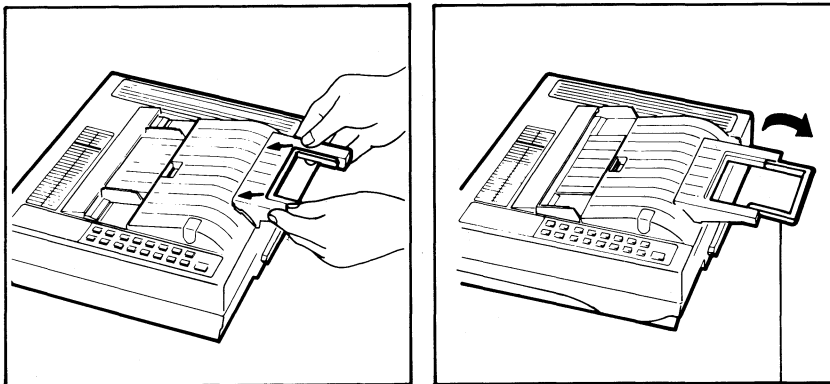
4. Attach the black plastic sheet that prevents the recording paper from curling to the bottom of the FAX-1010. Turn the FAX-1010 on its side and attach the sheet by pressing the plastic rivets into the two holes. Make sure to face the tabs away from the paper exit.

**Figure 2-2.**  
Attaching the Plastic Guide Sheet



5. Insert the tabs on the bottom of the document support in the slots on the recording paper cover. Press down on the document support until it seats firmly.

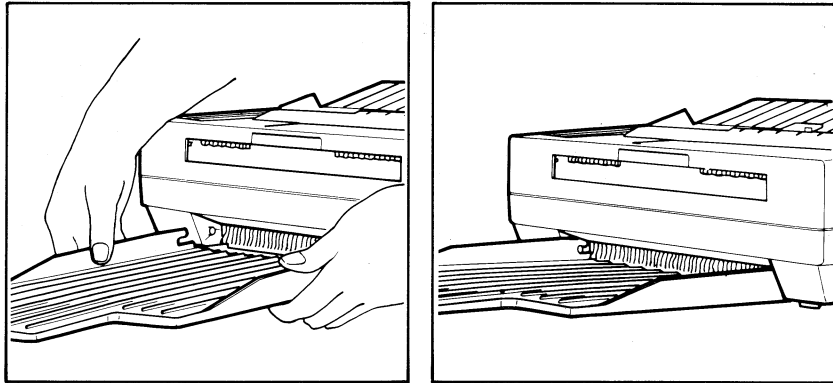
**Figure 2-3.**  
Attaching the Document Support



Extend the document support  
for longer documents.

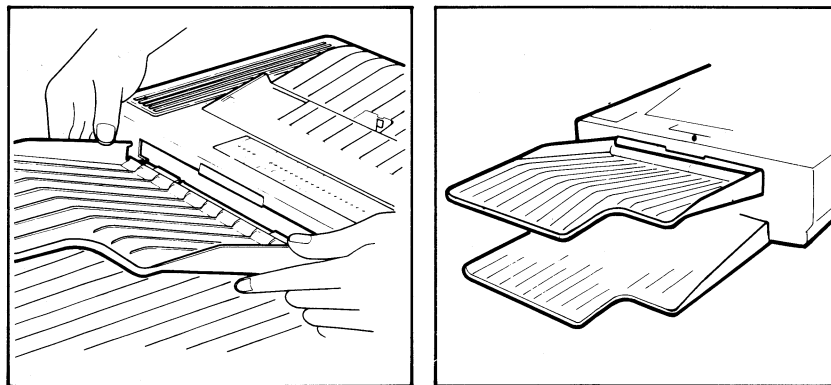
6. Align the open slots on the sides of the recording paper tray with the round projections inside the FAX-1010 case. Push the tray in until it snaps into place.

**Figure 2-4.**  
Attaching the Recording Paper Tray



7. Rest the tabs on the connecting edge of the document tray in the opening in the FAX-1010 case. Tilt the tray up slightly while pushing it in until you feel it catch inside.

**Figure 2-5.**  
Attaching the Document Tray



**FAX-1010 BACKUP BATTERY:** The FAX-1010 has a backup battery. If unplugged, all programming will be maintained for a minimum of 20 days. If fully discharged, the battery takes 48 hours to recharge. To recharge, plug in the machine.

**NOTE:** We recommend that the machine be connected to a power source at least once a week for 3 hours.

8. Plug in the power cord.
9. Copy a document to test the FAX-1010 is operational.
  - Adjust the document guides to the document width.
  - Load the document face-down on the document stacker.
  - Press the FUNCTION (Pause) and COPY (8) keys in sequence to make the test copy.

You'll learn more about acceptable documents and copying resolution and contrast in Chapter 3, Operating the FAX-1010 on page 28.

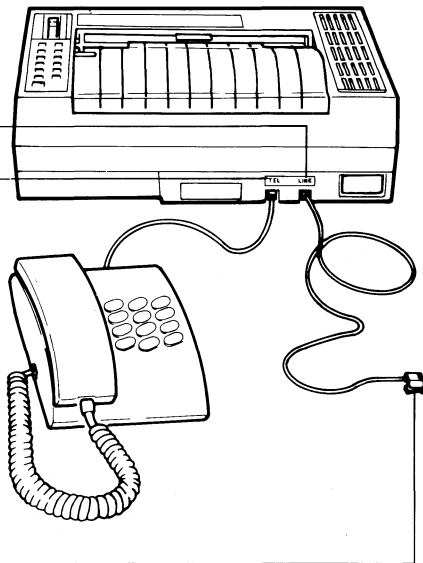
### Making Connections

1. There are two jacks on the side panel of the FAX-1010 The jack marked LINE is for the communication cable. The TEL jack is for the telephone cord.

**Figure 2-6.**  
Telephone Line Connections

Communication cable (LINE) jack to modular wall jack.

Telephone (TEL) jack to connect telephone set.



Other end of communication cable to modular wall jack for connection to PBX, leased line, or PSTN.

2. Plug one end of the communication cable into the LINE jack.
3. Unplug the telephone cord from the modular wall jack.
4. Plug the telephone cord into the TEL jack on the side panel jack.
5. Plug the telephone cord into the TEL jack on the side panel of the FAX-1010.
6. Pick up the telephone and listen for a dial tone. If there is no dial tone, re-check your connections.

## Setting Up the System

The system functions allow you to set

- Date and time
- Your facsimile telephone number
- Your facsimile identification (ID)
- Transmit terminal identification (TTI)
- Document length
- Whether to output journal and transmission report
- Resolution
- Contrast
- Type of dialing (pulse or tone dial)
- Transmission speed

Here you will also be able to choose various transmission options such as

- Leased line operation
- Suppressing security code checks during polling

For further information on leased line mode, contact your **Brother** dealer.

## Notes on Procedures

Here are a few points to remember about using the setup and operation procedures in this manual with your FAX-1010 facsimile.

- Procedures are arranged with the displayed message on the left of the page and your action or an explanation on the right.
- Your FAX-1010 is designed to take you smoothly through the procedure step by step, by responding with messages to your setting or asking you questions to prompt you to the next step.

- Using this manual as a guide at first, you'll find that you quickly become accustomed to the flow of routine operations. You can always check back in the manual later as necessary.
- Remember that the NO key has two basic functions: giving a negative response to a prompt from the FAX-1010 and either skipping on to the next prompt or returning to the previous one. Be sure to read the following section on Making Corrections.

---

### ***Making Corrections***

You may correct misentries if the entry is still displayed on the LCD (i.e., if you have not pressed the YES key to actually register the entry in the FAX-1010) by pressing the NO key. The FAX-1010 will either cancel the entry and redisplay the prompt, or backspace and cancel the last figure so you can make the correction. If the entry had been registered in the FAX-1010 by pressing the YES key, press the RESET key then start the procedure again from the beginning.

---

### ***Entering Telephone Numbers***

The FAX-1010 will accept any telephone number between 3 and 34 digits long. You do not enter hyphens or spaces between the area code and the local number.

If your FAX-1010 is in a PBX system in which you use shortened telephone numbers and have to dial a special number (0 and 9 are often used) to gain access to an outside line, you should observe the following two points:

1. If you are registering an internal number, press the PAUSE key to insert a pause before any two-digit PBX extension number to prevent it being mistaken for a two-digit abbreviated dialing code.
2. To register a number outside the PBX system, enter the outside line access number, press the PAUSE key to insert a pause in the dialing, and then enter the outside number.



Pressing the PAUSE key enters a dialing pause of approximately two seconds and is displayed on the screen as a space. For longer dialing pauses, press the PAUSE key two or three times.

### **Status Displays**

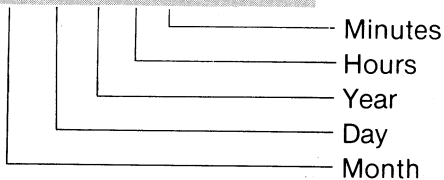
There are two displays which are used to show the status of the FAX-1010 during operation:

- Idle state display
- Normal transmission display

#### **Idle State Display**

The idle state display comes up whenever the FAX-1010 is not involved in a task.

DEC 01 '87 10:30



It is displayed in the following circumstances:

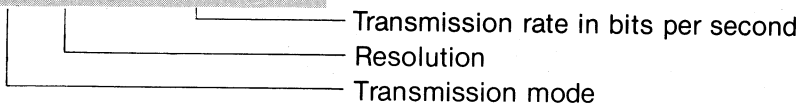
- When the FAX-1010 is not sending, receiving, or polling
- When the FAX-1010 is waiting to send or poll at a set time
- At the end of all the setting procedures when the FAX-1010 returns to the idle state.

#### **Normal Transmission Display**

The normal transmission display comes up whenever the FAX-1010 is sending or receiving. There are three settings displayed across the LCD:

XX XXXX

XXXX



### Transmission Mode

There are three possible transmission modes; they are automatically selected after handshaking with the other facsimile.

- HS            **Brother High-Speed transmission mode. Selected automatically when communicating with Brother FAX-1010 and FAX-2020 facsimiles.**
- G3            Standard CCITT facsimile transmission modes supported by all
- G2            facsimile machines.

### Resolution

- STD            The resolution setting selected for the document from the operation panel.
- FINE
- GRAY

## Setting System Functions

**HELPFUL HINT:** To change one item only, it is OK to skip over the other steps by pressing NO.

Follow these steps to set up the system functions of your FAX-1010:

- START ► ● Press the FUNCTION key and 5 key in sequence.

#### SET UP SYSTEM?

- If you press the No key, the FAX-1010 returns to the idle state.
- Press the YES key to continue.

#### SET DATE / TIME?

- If you press the NO key, the FAX-1010 skips to SET UP TERMINAL?
- Enter the date and time in the format

MMDDYYHHmm

Where MM is the month, DD is the date, YY the year, HH the hour, and mm the minutes. Each of these entries must be in two digits.

DEC 01 '87 10:30

- This is an example of the display after setting December 1, 1987 at 10:30 am by entering 1201871030.
- Enter the numbers for the date and time. They are displayed on the LCD as you enter them.
- If you make a mistake, press the NO key to backspace and cancel the last entry then re-enter the number.
- When the date and time are correctly displayed, press the YES key.
- The date and time are displayed for one second.

SETUP TERMINAL?

- If you press the NO key, the FAX-1010 skips to TTI?
- Press the YES key to set the facsimile telephone number and the facsimile ID which will be printed at the top of every transmitted page if you set this option at the TTI? prompt later in this procedure.

TEL NO. =

- Enter your facsimile telephone number in up to 20 digits. The number is displayed on the LCD as you enter it.
- If you make a mistake, press the NO key. The FAX-1010 will backspace and cancel one digit each time you press the NO key.
- When the displayed telephone number is correct, press the YES key.

ID NAME =

- Enter the ID name you would like to use for your facsimile. It can be up to 20 characters long, and will be printed at the top of every page transmitted if you set this option at the TTI? prompt later in this procedure. Numbers, letters and symbols listed inside the back cover are valid, and they must be entered into the FAX-1010 as two-digit codes. For example, to enter the name ABC#1, key in 11 12 13 41 01.

- When you have entered both digits of the two-digit code, the corresponding character is displayed on the LCD.
- If you make a mistake, press the NO key to backspace and cancel the last entry then re-enter the correct codes.
- When the displayed name is correct, press the YES key.

---

**TTI?**

- Press the YES key to have the terminal identification (the name you just entered) printed at the top of every page you send.
- Press the NO key to skip to DOC LENGTH FREE?

---

**INSIDE DOCUMENT?**

- The FAX-1010 can print the TTI information inside or outside the original document area. If the TTI information is printed inside, it may obscure other information at the top of your document. If it is printed outside, the received document will be slightly longer than the original.
- Press YES (inside) or NO (outside).

---

**DOC LENGTH FREE?**

- If you press the YES key, the FAX-1010 will not set a maximum length for documents it accepts.
- If you press the NO key, the FAX-1010 will accept documents up to a maximum length of 1 meter (39.4 inches).

---

**JOURNAL?**

- Press YES if you want a journal of the documents sent and received printed out after every 20 transactions. See page 55 for a description of the journal.
- Press NO to ignore the journal.

---

**TX REPORT?**

- Press YES if you want a transmission report printed out after every document you send.

**RESOLUTION NORM?**

- This display and the next allow you to set the resolution. If most of the documents you will send contain normal-sized type and simple drawings, press the YES key to select standard (normal) resolution.
- Press the NO key to continue.

**RESOLUTION FINE?**

- If most of your documents contain small type or much detail, press the YES key to select fine resolution.
- Press the NO key to return to the RESOLUTION NORM? prompt.

**CONTRAST NORMAL?**

- Press the YES key if the document you wish to send has normal contrast.
- Press the NO key to continue.

**CONTRAST LIGHT?**

- Press the YES key if the document contains low contrast material such as notes written in pencil.
- Press the NO key to continue.

**CONTRAST DARK?**

- Press the YES key if the document contains high contrast material.
- Press the NO key to return to the CONTRAST NORMAL prompt.

**AUTO DIAL-DP?**

- Here you indicate the type of telephone line the FAX-1010 is connected to so that the FAX-1010's automatic dialer will send the proper type of dialing signals.
- Press YES if the FAX-1010 is connected to a rotary (pulse) dial telephone.
- Press the NO Key to continue.

AUTO DIAL-MF?

- Press YES if the FAX-1010 is connected to a push-button (tone dial) telephone.
- Press the NO Key to repeat the choice.

MOD SPEED 9600?

- You have the option of setting the FAX-1010's maximum transmission rate to 9600, 7200, 4800 or 2400 bps. The FAX-1010 will automatically select the fastest possible rate within the maximum you have set. Generally select the highest rate (9600 bps). But if you know that the facsimile you will be communicating with or the communication line will only support a lower rate, set it now.
- Press YES to select 9600 or NO to continue to the next choice. The display cycles in the order 9600—7200—4800—2400—9600—each time the NO key is pressed.

LEASED MODE?

- Normally press the NO key unless your FAX-1010 is connected to a leased line. Contact your Brother dealer to confirm the line type if unsure.

## Using Abbreviated Numbers

The abbreviated number setting procedure in this section will show you how to

- Establish two-digit abbreviated numbers for individual telephone numbers and use one-touch dialing keys
- Assign a name to an individual telephone number or group of numbers
- Assign individual telephone numbers to a group

In this procedure, you will be able to assign a single facsimile telephone number to a two-digit abbreviated number between 01 and 50. You will then be able to call the facsimile by simply entering the abbreviated number rather than dialing the full telephone number.

See the Making Corrections section on page 14 if you have trouble with misentries.

---

### One-Touch Dialing

Telephone numbers assigned to abbreviated numbers 01 through 10 are automatically assigned to single-digit (one-touch) keys from 1 to 0. If, for example, you assign telephone number 123-4567 to abbreviated code 05, the FAX-1010 will automatically assign one-touch key 5 to this number. Thereafter, you need only press key 5 to call that number.

---

### Setting Abbreviated Numbers

Follow these steps to set abbreviated numbers and assign ID names and groups.

**START ► ●** Press the FUNCTION key and the 3 key in sequence.

● Pressing the NO key returns the FAX-1010 to the idle state.

○ Press the YES key to continue.

SET ABB. NO.?

ABB. NO.

**ENTER ABB. NO.**

- Press the NO key skip to ENTER GROUP NO.
- Enter the two-digit abbreviated number you wish to assign. It must be between 01 and 50. The number appears on the LCD as you enter it.
- If you make a mistake, press the NO key. The FAX-1010 will backspace and cancel one digit each time you press the NO key.
- Press the YES key when the displayed number is correct.
- If the abbreviated number entered is not assigned, the FAX-1010 will go to ENTER TEL NUMBER.

**NUMBER IS USED**

- The abbreviated number you entered has already been assigned and is preset for automatic transmission or polling. You cannot reassign or delete the abbreviated number unless you first cancel the task. The FAX-1010 returns to the ENTER ABB. NO. prompt.

**CANCEL?**

- The abbreviated number you entered has already been assigned to a telephone number. Do you want to cancel this assignment?
- Press YES to cancel the assignment and free that abbreviated number for re-assignment. The telephone number and ID name registered will be deleted from the FAX-1010's memory. The FAX-1010 returns to the ENTER ABB. NO. prompt.
- Press NO to leave the assigned abbreviated number as it is. The FAX-1010 returns to the ENTER ABB. NO. prompt.

**NOTE:** Removing a telephone number automatically removes the accompanying ID name. If you remove a telephone number from the abbreviated number list, it is automatically removed from any group lists.

**ENTER TEL NUMBER**

**NOTE:** If your FAX-1010 has been installed behind a PBX, you may have to insert a 'pause' before entering the outside number. See page 14.

- Enter the facsimile telephone number (in 3 to 34 digits including dialing pauses) that you want to assign to the abbreviated number. It appears on the LCD as you enter it. Dialing pauses (of approximately two seconds each) are entered using the PAUSE key, and are displayed on the LCD as spaces.



- If you make a mistake, press the NO key. The FAX-1010 will backspace and cancel one digit each time you press the NO key.
- Press the YES key when the displayed telephone number is correct.

**ENTER ID NAME**

- Enter the ID name (in up to 10 characters) that you want to assign to the telephone number just entered, using the two-digit codes in the table inside the back cover. The characters will be displayed on the LCD as you enter the codes.
- This name will be displayed on the LCD whenever you dial this abbreviated number and will appear in the printouts against the number.
- If you make a mistake, press the NO key to backspace and cancel the last entry then re-enter the right code.
- Press the YES key when the displayed name is correct.
- The FAX-1010 returns to ENTER ABB. NO. to enable another entry to be made.
- Repeat entering and assigning abbreviated numbers until finished. Press the NO key when you have no more abbreviated numbers to enter.

**ENTER GROUP NO.**

- In the remainder of this procedure, you can register group numbers from 1 to 9 then assign abbreviated numbers to those groups. The group number is used in group polling. See page 43.
- Press the NO key and the FAX-1010 returns to the idle state.
- Enter a group number from 1 through 9. The number is displayed on the LCD as you enter it.
- If you make a mistake, press the NO key. The FAX-1010 will backspace and cancel one digit each time you press the NO key.

- Press the YES key when the displayed group number is correct.
- If the group number entered is not assigned, the FAX-1010 will go to ENTER ABB. NO.

---

**NUMBER IS USED**

- The group number you entered has already been assigned and is preset for automatic transmission or polling. You cannot reassign or delete the group number unless you first cancel the task. The FAX-1010 returns to the ENTER GROUP NO. prompt.

---

**CANCEL # ENTERD?**

- The group number you entered has already been assigned to a group of abbreviated numbers. Do you want to cancel this group assignment?
- Press YES to cancel the group and free that group number for reassignment. The FAX-1010 returns to the ENTER GROUP NO. prompt.
- Press NO to leave the assigned group as it is. The FAX-1010 returns to the ENTER GROUP NO. prompt.

---

**ENTER ABB. NO**

- Enter the first abbreviated number which you want to have in this group. It appears on the LCD as you enter it.
- If you make a mistake, press the NO key. The FAX-1010 will backspace and cancel one digit each time you press the NO key.
- Press the YES key when the abbreviated number is correct. The FAX-1010 returns to the ENTER ABB. NO. prompt for the next number in that group.

**NO. NOT LISTED**

- You entered an abbreviated number which has not been registered. The FAX-1010 returns to the ENTER ABB. NO. prompt.
- After entering all the abbreviated numbers for that group, press the NO key and the FAX-1010 returns to the ENTER GROUP NO. prompt to enable another group to be assigned.
- END* ► ● After all groups have been assigned, press the NO key at the ENTER GROUP NO. prompt, and the FAX-1010 returns to the idle state.

ABB. NO.



**Chapter 3**

# Operating the FAX-1010

The previous chapter explained how to set up your FAX-1010 facsimile's hardware and set system functions. This chapter will show you how to use those functions when you operate the FAX-1010. You'll learn how to

- Copy a document after setting the proper resolution and contrast
- Send documents manually and using automatic transmission
- Receive documents regularly or on demand by polling another facsimile machine
- Set up your FAX-1010 to be polled by another facsimile machine and send documents to it
- Make a voice call to or receive one from another facsimile operator

## Copying

Although it's not intended for large volume copying, your FAX-1010 can make clear copies of documents when needed. This section will show you how to set resolution and contrast, which documents are acceptable, and when to use a carrier sheet.

---

### Test Copying

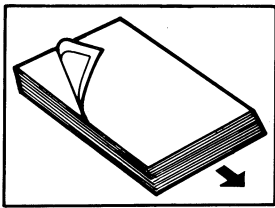
When the FAX-1010 copies a document, it actually uses most of its functions (except those related to communication). Making a copy on your FAX-1010 provides a simple check of its operation and we recommend that you copy a document periodically.

### Acceptable Documents

Before you copy a document, you should check that it is suitable for copying. Documents with staples or paper clips, for example, may damage the FAX-1010 facsimile. Other documents, such as those using heat- or pressure-sensitive paper, may themselves be damaged when fed through the FAX-1010.

The following table gives the guidelines for the document sizes that can be copied or sent with the FAX-1010.

**Table 3-1.**  
Acceptable Document Sizes



To send more than one page, fan the stack of pages with the top and bottom edges slightly graded. Make sure to fully insert the document into the feeder.

Item	Single Sheet	Multiple Sheet
Page Width	128 to 216 mm (5 to 8.5 in.)	148 to 216 mm (5.8 to 8.5 in.)
Page Length	100 mm (4 in.) or more (Note 2)	100 to 356 mm (4 to 14 in.)
Thickness	0.05 to 0.25 mm (0.0020 to 0.0098 in.)	0.06 to 0.12 mm (0.0024 to 0.0047 in.)
No. of Sheets	1	not more than 10 (Note 1)
Paper Type	Uncoated on both sides	Uncoated on both sides
Note 1: Multiple sheets must be the same size and type paper. Note 2: Hand assistance is needed for pages longer than 356 mm (14 in.).		

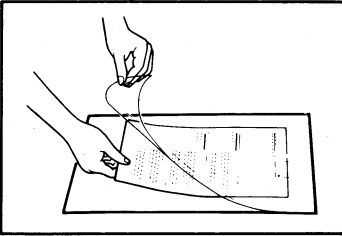
In addition, the documents should meet the following requirements:

- No torn, wrinkled, or damp pages
- No folded pages or pages with holes
- No transparent pages or pages with a smooth, shiny finish
- No cloth or metal sheets

Small, torn, wrinkled, or damp documents or those with holes may sometimes be copied or sent if they are first placed in a carrier sheet as explained in the next section.

Another way to send problem documents is by copying them first on a standard copy machine, then use the copy in your FAX-1010.

**Figure 3-1.**  
Using a Carrier Sheet




---

### **Carrier Sheet**

A carrier sheet consists of a high-grade paper backing with a clear vinyl cover hinged at the top as shown in the illustration.

To use the carrier sheet, lift the clear cover film and place a single page face-up on the paper with the top of the document toward the hinged end. Cover the page with the vinyl film.

Now place the carrier sheet with the document face-down on the document stacker and proceed as usual for single sheet sending.

Note that several carrier sheets cannot be loaded on the document stacker. They must be fed in one at a time.

---

### **Resolution and Contrast**

With an acceptable document, you must now decide what resolution and contrast to use and change these settings if they differ from what you set in the Setting System Functions procedure on page 19.

To select the resolution, follow these guidelines and set

- STD for standard resolution of 3.85 lines per mm (98 lines per inch) if the document contains normal-size typed text and simple drawings.
- FINE for high resolution of 7.7 lines per mm (196 lines per inch) if the document contains small type and detailed figures.
- GREY to produce continuous tones across the grey scale if the document is or includes a photograph.

### **Setting the Resolution**

The resolution you set in the Setting System Functions procedure under RESOLUTION will be displayed on the LCD.

- To change the resolution, press the MODE (Yes) key. The display will change from STD to FINE to GREY then back to STD as you press the MODE key repeatedly.
- Stop pressing the key when your selection is displayed.

### **Setting the Contrast**

You are now ready to set the contrast, but first note how the concept of contrast control for a facsimile machine differs from that of a photocopier.

- If you want to make a copy of a low-contrast (light) document on a copy machine, you move the copier's contrast control towards dark, to make the printed copy darker.
- On a facsimile machine, however, the point of reference is the original document, not the finally printed copy or sent document.

So to send the same low-contrast document on a facsimile machine, you set the facsimile's contrast control to light, because the original document is light.

To select the contrast, following these guidelines and set:

- NORM if the document contains normal contrast material.
- LIGHT if the document is faint or contains low-contrast material such as notes in pencil or light shades of colors that may not be easily reproduced.
- DARK if the document contains very high-contrast material.



The contrast you set in the Setting System Functions procedure under CONTRAST will be displayed on the right end of the LCD line.

- To change the contrast, press the CONTRAST (No) key. The display will change from NORM to LIGHT to DARK then back to NORM as you press the CONTRAST key repeatedly.
- Stop pressing the key when your selection is displayed.

---

### **Copying a Document**

Follow these steps to copy a document. Check back in the previous sections on resolution and contrast if necessary.

- START ▶**
- Make sure that the document to be copied is acceptable and load it face-down on the document support.
  - If several sheets will be copied, fan them to make sure that the bottom sheet feeds in first. Remember that the maximum number of sheets that the FAX-1010 will accept at one time is ten.

STD

NORM

- Change the resolution and contrast if necessary.

- END ▶**
- Press the FUNCTION and COPY keys in sequence to start copying.

---

### **Sending**

The FAX-1010 offers you two ways of sending documents:

- Simple transmission
- Automatic transmission

Both sending procedures share a common set of initial steps. These are:

1. Load the document(s) onto the document stacker.

SEND

2. Select the resolution and contrast (see page 30).
3. Set the number of pages to be sent (optional).

The first two steps are explained under copying. To set the number of pages, follow the simple procedure below.

---

### **Setting the Number of Pages**

**START ► ●** Press the FUNCTION key and the PAGE # key in sequence.

**NO. OF PAGES =**

- 
- Enter the number of pages you wish to send. A maximum of 10 pages can be sent at one time. The number is displayed on the LCD as you enter it.
  - If you make a mistake, press the RESET key to start over or press the NO key to cancel the entry and re-enter.

**END ► ●** Press the YES key when the displayed number is correct. The FAX-1010 waits for you to start one of the sending procedures.

---

### **Simple Transmission**

There are three ways that you can dial the other facsimile in simple transmission:

- Dialing with the telephone
- Dialing from the operation panel
- One-touch dialing

#### **Dialing with the Telephone**

- START ► ●** Place the document ready in the FAX-1010.
- Lift the handset and dial the other facsimile just as you would in making a normal telephone call.
  - Press the START key when you hear the tone response from the other facsimile.

- END ▶ ●** Replace the handset. The FAX-1010 takes over and sends the document.

***Dialing from the Operation Panel***

- START ▶ ●** Place the document ready in the FAX-1010.
- Press the DIAL key.

**NO. =**

- Enter either the abbreviated number or the full telephone number. The number appears on the LCD as you enter it.
- If you make a mistake, press the NO key. The FAX-1010 will backspace and cancel one digit each time you press the NO key.
- Press the START key when the displayed number is correct.
- The ID name of the remote facsimile is displayed on the LCD.

**NO. NOT LISTED**

- The number you entered is not a registered abbreviated number (see page 21). The FAX-1010 returns to the normal transmission display. Start again.

**DIALING**

- The FAX-1010 automatically begins to dial the other facsimile.

**BUSY REDIAL?**

- The number is busy. Press the YES key to have the FAX-1010 immediately redial the number.
- If you do not press any key the FAX-1010 will redial the number three times at two minute intervals. If the number is still busy, AUTO DIAL ERROR is displayed. During the waiting period, no other documents can be sent.
- Press NO to cancel dialing.

SEND

**ON LINE**

- The FAX-1010 is making connection to the other facsimile. The SEND lamp flashes.

**HS STD 9600**

END ►

- When connection has been made, the FAX-1010 displays the normal transmission information and sending starts.

**NOTE:** If 4800 appears in the normal transmission display, it may be the result of the auto stepdown feature, or it may mean that your machine has been manually set to start at 4800 for a specific transmission, and not reset to 9600. Check MODEM SPEED on the Function List.

START ►

**One-Touch Dialing**

- Place the document ready in the FAX-1010.
- Press the pre-registered one-touch key for the remote facsimile. The ID name registered for the other facsimile appears on the display.

**NO. NOT LISTED**

END ►

- If the key you press has not been registered for one-touch dialing (see page 21), the FAX-1010 returns to the idle state.

**DIALING**

END ►

- The FAX-1010 automatically begins to dial the other facsimile.

**Automatic Transmission**

Using the FAX-1010's automatic transmission functions, you may send a document at a specified time to any other facsimile.

Before starting the procedure, place the document ready in the FAX-1010, set the resolution and contrast (see page 30), and set the number of pages to be sent (see page 32) if desired.

- START ► ● Press the FUNCTION key and 1 key in sequence.

**AUTO TRANSMIT?**

- Pressing the NO key returns the FAX-1010 to the idle state.
- Press the YES key to continue.

**CANCEL SENDING?**

- You have already set up the FAX-1010 for one automatic transmission and cannot set another.
- Press the NO key to keep the currently set job or press YES to cancel it and eject the loaded document.
- The FAX-1010 returns to the idle state in either case.

**ENTER NUMBER**

- Enter either the abbreviated number (two-digits) or the full telephone number of the facsimile to be called. The number appears on the LCD as you enter it.
- If you make a mistake, press the NO key. The FAX-1010 will backspace and cancel one digit each time you press the NO key.
- Press the YES key when the displayed number is correct.

**NO. NOT LISTED**

- The number you entered is not a registered abbreviated number (see page 22). The FAX-1010 returns to the ENTER NUMBER message.

**ENTER TIME**

END ►

- If you press the NO key, the FAX-1010 will start dialing the number, and the document will be sent immediately.

**HH:mm**

- Enter the time in a 24-hour clock format (for example, enter 8:30am as 0830 and 8:30pm as 2030). The time will be displayed on the LCD as you enter it.
- If you make a mistake, press the NO key. The FAX-1010 will backspace and cancel one digit each time you press the NO key.
- Press the YES key when the displayed time is correct.

- Note that if you set a time earlier than the current time, the document will be sent at that time on the following day.

#### ***Canceling Auto-Transmission***

To cancel preset auto-transmission, press the RESET key at any time while the FAX-1010 is waiting to send. The LCD will display CANCEL SENDING? Press the YES key to cancel. Press the NO key to leave the setting as it is. The FAX-1010 returns to the idle state.

SEND



---

## Receiving

You may operate your FAX-1010 facsimile in automatic or manual receive modes.

---

### Auto-Receive Mode

In auto-receive mode, the FAX-1010 automatically answers any incoming call and sends a ready signal to the other facsimile to receive a document. You need not be present, and provided that there is enough paper in the machine and barring any paper jams, your FAX-1010 can receive any documents sent to it.

- The FAX-1010 always sets itself to the auto-receive mode when you turn on its power and the AUTO RECEIVE lamp lights.

---

### Manual Receive Mode

The manual receive mode is convenient when you have only one telephone line on which you must also make and receive telephone calls. In the manual receive mode, the FAX-1010 does not answer the phone when it rings. You must pick up the telephone handset and speak to the caller. If you hear the ready tone from another facsimile machine trying to send you a document, press the green START key on your FAX-1010, and hang up the handset to start receiving the document.

- Switch back and forth between auto-receive and manual receive by pressing the FUNCTION and AUTO RECEIVE keys in sequence. When the AUTO RECEIVE lamp is off, the FAX-1010 is in manual receive mode. Press the same keys again to switch back.

**NOTE:** Documents with a page length shorter than 10cm (4 in.) will not be cut into individual pages when received.

---

## Polling

Polling is a means of sending or receiving documents on demand, as opposed to sending or receiving at a specified time. If, for example, you set your FAX-1010 to be polled and load the document, it will be transmitted only when another facsimile calls and requests it. The document will be sent automatically—all you have to do is perform the initial setting. Likewise, you can receive documents from another facsimile when you request it, provided the other facsimile has been set for polling.



When you are being polled by another facsimile, you also have the option of using the remote facsimile's telephone number as an alternative or additional security code.

In all polling modes except for turnaround polling, security codes can be used between Brother FAX-1010 and FAX-2020 facsimile machines to ensure that a document is sent only to those authorized to receive it. Before you poll another facsimile, obtain the security code from the other operator.

---

### **Being Polled**

- START ►**
- Load the document, set the resolution and contrast and number of pages to be transmitted.
  - Press the FUNCTION key and the POLL key in sequence.

---

#### **SET POLLING?**

- Pressing the NO key returns the FAX-1010 to the idle state.
- Press the YES key to continue.

---

#### **OWN SEC. CODE?**

**END ►**

- Press NO for free polling with no security code. The FAX-1010 returns to the idle state and waits to be polled.
- Press the YES key to set a four-digit security code, and/or the remote facsimile's telephone number as a security code, to control who receives the document.

---

#### **ENTER SEC. CODE**

For security codes when you are being polled, you can use either or both a four-digit code or the remote facsimile's phone number.

- Press NO to skip the four-digit security code and continue, or enter the security code as any four digits. Entering 0000 will set no security code. It is displayed on the LCD as you enter it. Correct mistakes by pressing the NO key to backspace. Press the YES key when the displayed code is correct.

---

#### **ENTER TEL. NUMBER**

**END ►**

- Press NO to skip the telephone number security code. The FAX-1010 returns to the idle state and waits to be polled.
  - To use the remote facsimile's telephone number as a security code, enter the number in up to 20 digits. Correct with the NO key as above, then press YES and the FAX-1010 returns to the idle state and waits to be polled.
- END ►**

### **Cancelling Polling**

To cancel polling, press the RESET key at any time while the FAX-1010 is waiting to be polled. The LCD will display CANCEL POLL? Press the YES key to cancel. Press the NO key to leave the setting as it is. The FAX-1010 returns to the idle state.

An error will occur and polling will not take place if the security code you enter does not match the security code in the machine to be polled or if it does not have a document set to be polled. See page 65.

---

### ***Polling Another Machine***

If the other machine is a Brother facsimile using a security code, you should obtain it from the other operator and have it ready before starting these procedures. Make sure there are no documents loaded. If there are, the FAX-1010 will send them instead of entering the polling mode.

#### ***Dialing with the Telephone***

- START ►**
- Call the other facsimile number just as you would make a regular telephone call.
  - When you hear the tone from the other facsimile, press the POLL key.

#### **SET SEC. CODE?**

Security codes can be used only between Toshiba facsimiles.

- Press the NO key for free polling. The FAX-1010 starts to poll the other facsimile.
- Press the YES key to enter the other Brother facsimile's security code.

#### **ENTER SEC. CODE**

- Enter the four-digit security code of the other Brother facsimile. It is displayed on the LCD as you enter it.
  - If you make a mistake, press the NO key. The FAX-1010 will backspace and cancel one digit each time you press the NO key.
- END ►**
- Press the YES key when the security code displayed is correct. The FAX-1010 starts polling.

#### ***Dialing from the Operation Panel***

- START ►**
- Press the DIAL key followed by either the abbreviated number or the full telephone number of the facsimile to be polled. Then press the START key.

**NO. NOT LISTED**

END ►

- The number you entered is not a registered abbreviated number (see page 21). The FAX-1010 returns to the idle state. Start again and re-enter.

**SET SEC. CODE?**

- Press the NO key for free polling. The FAX-1010 starts to poll the other facsimile.
- Press the YES key to enter the other Brother facsimile's security code.

**ENTER SEC. CODE**

- Enter the four-digit security code of the other Brother facsimile. It is displayed on the LCD as you enter it.
- If you make a mistake, press the NO key. The FAX-1010 will backspace and cancel one digit each time you press the NO key.
- Press the YES key when the security code displayed is correct. The ID name of the other facsimile is displayed on the LCD for one second.

**DIALING**

END ►

- The FAX-1010 dials the other machine and starts to poll the document.

**COMM ERROR**

END ►

- The other machine is not set with a document ready for polling. Press RESET to return the FAX-1010 to the idle state.

**HS STD 9600**

END ►

- The FAX-1010 is receiving normally. After polling is complete, the FAX-1010 returns to the idle state.

**One-Touch Polling**

- Press the one-touch key for the facsimile you wish to poll.

**NO. NOT LISTED**

- The key you pressed has not been registered for one-touch polling (see page 22). The FAX-1010 returns to the idle state.

**SET SEC. CODE?**

- Press the NO key for free polling. The FAX-1010 starts to poll the other facsimile.
- Press the YES key to enter the other Brother facsimile's security code.

**ENTER SEC. CODE**

- Enter the four-digit security code of the other Brother facsimile. It is displayed on the LCD as you enter it.
- If you make a mistake, press the NO key. The FAX-1010 will backspace and cancel one digit each time you press the NO key.
- Press the YES key when the security code displayed is correct. The ID name of the other facsimile is displayed on the LCD for one second.

**DIALING**

- The FAX-1010 dials the other machine and starts to poll the document.

**COMM ERROR**

END ►

- The other machine is not set with a document ready for polling. Press RESET to return the FAX-1010 to the idle state.

**HS STD 9600**

END ►

- The FAX-1010 is receiving normally. After polling is complete, the FAX-1010 returns to the idle state.

---

### **Turnaround Polling**

With the turnaround polling feature, you can send documents to a facsimile, then, without making a separate telephone call, poll that facsimile and receive documents from it. No security code can be set for turnaround polling.

START ►

**HS STD 9600**

- Press the FUNCTION key and POLL key at any time during sending of documents.

**HS STD POLL**

- POLL is displayed on the right of the LCD during normal transmission.
  - When sending is finished, the FAX-1010 will poll the other machine.
- END* ► ● When polling is finished, the FAX-1010 returns to the idle state.

**Automatic Polling**

This section gives the procedure for automatically polling one other facsimile machine (SINGLE STATION), polling several facsimile machines together (GROUP MODE), and polling the same facsimile machine at the same time every day (DAILY POLL).

An error will occur and polling will not take place if the security code you enter does not match the security code in the machine to be polled or if it does not have a document set to be polled. See page 65.

See the Cancelling Auto-Polling section on page 47 if you want to cancel any of the polling operations you set in this section.

**Single Station, Group and Daily Polling**

Group Polling is available on OMR sheets as well as in this procedure.

Check that there are no documents in the FAX-1010. If there are, the FAX-1010 will send them instead of entering polling mode.

- START* ► ● Press the FUNCTION key and the 2 key in sequence.

**AUTO POLLING?**

- Pressing the NO key returns the FAX-1010 to the idle state.
- Press the YES key to continue.

**SINGLE STATION?**

- Press the NO key to skip to GROUP MODE.
- Press the YES key if you want to poll a single facsimile.

**CANCEL POLL?**

- You have already set up the FAX-1010 for one single station or group polling and cannot set another.
  - Press the NO key to keep the currently set job or press YES to cancel it and eject the loaded document.
- END ► ○ The FAX-1010 returns to the idle state in either case.

**ENTER NUMBER**

- Enter either the two-digit abbreviated number or the full telephone number of the facsimile you wish to poll. The number is displayed on the LCD as you enter it.
- If you make a mistake, press the NO key and correct.
- Press the YES key when the displayed number is correct.

**NO. NOT LISTED**

- END ► ● The number you entered is not a registered abbreviated number (see page 21). The FAX-1010 returns to the idle state.

**ENTER TIME**

- Press the NO key to start polling now and skip to ENTER SEC. CODE.

**HH:mm**

- Enter the time at which you wish to poll the other facsimile in a 24-hour (00:00 to 23:59) clock format. For example, enter 7:30 am as 0730 and 7:30 pm as 1930. The time is displayed on the LCD as you enter it.
- If you make a mistake, press the NO key and correct.
- Press the YES key when the displayed time is correct.

**ENTER SEC. CODE**

- END ► ● Press the NO key for free polling. The FAX-1010 returns to the idle state and waits to poll.
- Enter the four-digit security code for the Brother facsimile to be polled. The number appears on the LCD as you enter it.

- If you make a mistake, press the NO key and correct.

- END ► ●** Press the YES key when the displayed security code is correct. The FAX-1010 returns to the idle state and polls the other facsimile at the specified time.

#### GROUP MODE?

In the case of sequential polling of group facsimiles, the FAX-1010 will first dial all machines once; then all busy stations a second time; and then all remaining busy stations a third and last time.

- Press the NO key to skip to DAILY POLL?
- Press the YES key to poll a pre-established group of facsimile numbers. See Setting Abbreviated Numbers for how to register a group.

#### CANCEL POLL?

- You have already set up the FAX-1010 for one group or single station polling and cannot set another.
- Press the NO key to keep the currently set group polling or press YES to cancel it.

- END ► ●** The FAX-1010 returns to the idle state in either case.

#### ENTER NUMBER

- Enter the one-digit group number for the facsimiles to be polled. The number is displayed on the LCD.
- If you make a mistake, press the NO key and correct.
- Press the YES key when the displayed group number is correct.

#### NO. NOT LISTED

- END ► ●** The number you entered is not a registered group number (see page 25). The FAX-1010 returns to the idle state.

#### ENTER TIME

- Press the NO key to start polling now and skip to ENTER SEC. CODE.

**HH:mm**

- 
- Enter the time at which you want to poll the group of facsimiles. It is displayed on the LCD as you enter it.
  - If you make a mistake, press the NO key and correct.
  - Press the YES key when the displayed time is correct.

**ENTER SEC. CODE**

All machines in a group that are to be polled using a security code must have the same security code set. The codes must match exactly or polling will not take place.

- 
- Press the NO key for free polling with no security code. The FAX-1010 returns to the idle state and waits to poll.
  - Enter the four-digit security code for the group of Brother facsimiles to be polled. It appears on the LCD as you enter it.
  - If you make a mistake, press the NO key and correct.
- END ►** ● Press the YES key when the displayed security code is correct. The FAX-1010 returns to the idle state and waits to poll at the specified time.

**DAILY POLL?**

- 
- Pressing the NO key returns the FAX-1010 to the idle state. No polling will be done.
  - Press the YES key to poll a facsimile daily at the same time.

**CANCEL POLL?**

- 
- You have already set up the FAX-1010 for one daily polling job and cannot set another.
  - Press the NO key to keep the currently set job or press YES to cancel it.
- END ►** ● The FAX-1010 returns to the idle state in either case.

**ENTER NUMBER**

- 
- Enter either the abbreviated number or the full telephone number of for the facsimile you want to poll daily. The number appears on the LCD as you enter it.
  - If you make a mistake, press the NO key and correct.
  - Press the YES key when the displayed number is correct.



**NO. NOT LISTED**

END ►

- The number you entered is not a registered abbreviated number (see page 22). The FAX-1010 returns to the idle state.

**ENTER TIME**

- Press the NO key to poll the other facsimile at the current time every day.

**HH:mm**

- Enter the time at which you want to poll the facsimile every day. It is displayed on the LCD as you enter it.
- If you make a mistake, press the NO key and correct.
- Press the YES key when the displayed time is correct.

**ENTER SEC. CODE**

END ►

- Press the NO key for free polling with no security code. The FAX-1010 will return to the idle state and start daily polling at the specified time.
- Enter the four-digit security code for the Brother facsimile you want to poll daily. It is displayed on the LCD as you enter it.
- If you make a mistake, press the NO key and correct.

- END ► ● Press the YES key when the displayed security code is correct. The FAX-1010 returns to the idle state and starts daily polling at the specified time

**Canceling Auto-Polling**

To cancel auto-polling, print out an Auto-Dial List (see page 59) to check the current settings. Begin the auto-polling procedure in this section and go to the display prompt for the type of polling you want to cancel—SINGLE STATION?, GROUP MODE?, or DAILY POLL? Press the YES key to select one of these, then answer YES again to the CANCEL POLL? question to cancel.

## OMR Sheets

Most of the function settings that you have made by pressing combinations of keys on your FAX-1010 can also be performed by marking a special sheet which you include at the beginning of a sent document. This sheet is called an Optical Mark Reader (OMR) sheet as the marks that you make identifying certain functions and settings are read and automatically acted upon by the FAX-1010 as it is fed through.

You may load several OMR sheets and their associated documents at the same time, as long as the total number of sheets (both document pages and OMR sheets) does not exceed ten. OMR sheets can be used over and over again if they are not damaged or smudged. The following figure illustrates the parts of an OMR sheet.

**Figure 3-2.**  
Parts of OMR Sheet

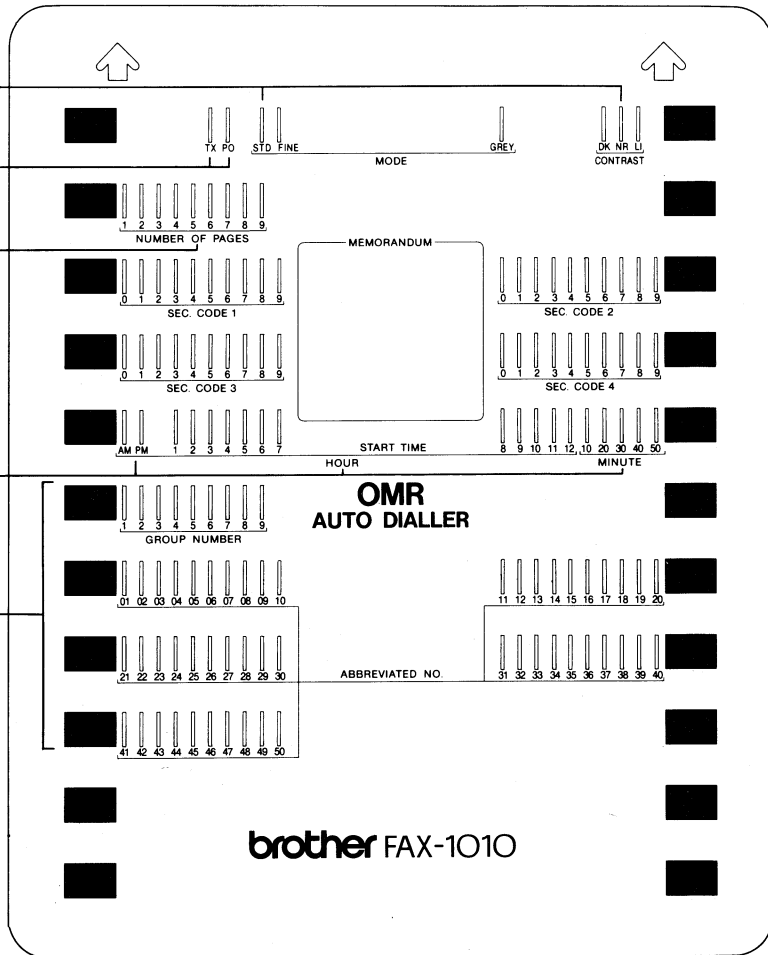
If you do not mark the communications mode and contrast, the FAX-1010 automatically returns your initial settings.

Mark one: Transmission (TX), or polling (PO)

Marking the number of pages is optional.

Ignore the time settings to have the operations start immediately. When you are filling in the time remember to mark AM or PM. If you ignore the minutes setting, the operations starts on the hour.

Select only one: a group number or an abbreviated number.



OMR SHEETS

### Filling Out OMR Sheets

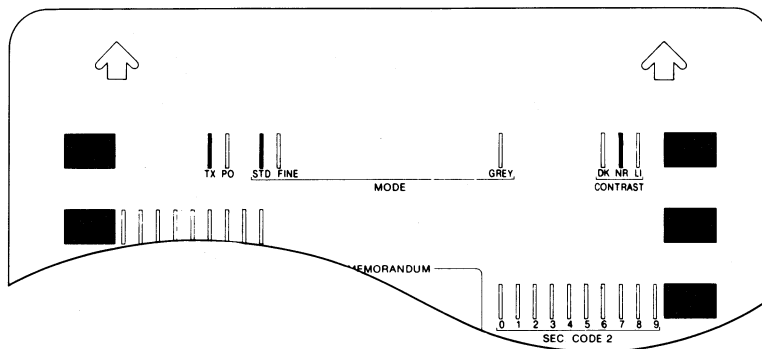
An OMR sheet consists of 11 rows for marking settings and other information. For example, the first row at the top enables you to set

- Operations—transmission (TX), or polling (PO).
- Resolution—standard (STD), fine (FINE), or grey scale (GREY).
- Contrast—dark (DK), normal (NR), or light (LI).

To select any of these settings, fill in the box above the item with a soft pencil to make a dark mark. You have likely encountered forms similar to the OMR sheet when taking tests or filling out personal information sheets.

The following is an example of an OMR sheet filled out to send a document using standard resolution and normal contrast.

**Figure 3-3.**  
Initial Settings on the OMR Sheet



Note that if you mark items that cannot be done simultaneously, such as marking contrast both dark (DK) and normal (NR), the FAX-1010 will reject the OMR sheet and its document, and display an OMR ERROR message (see page 64).

Row two is for entering the number of pages to be sent.

Security codes can be used only between Brother facsimiles.

Rows three and four are for the security code used in polling. The example in the following figure shows how the OMR sheet is marked to set security code 5678. Note the order in which the boxes are filled in: box 5 above SEC. CODE 1, box 6 above SEC. CODE 2, box 7 above SEC. CODE 3, and box 8 above SEC. CODE 4.

**Figure 3-4.**  
Entering a Security Code

Mark the starting time for sending or polling in row five using AM or PM, hours from 1 to 12, and minutes from 10 to 50 in 10-minute increments.

Row six is for entering the group number, and abbreviated numbers in rows seven, eight, and nine.

---

## Using OMR Sheets

Follow these steps to operate your FAX-1010 with an OMR sheet. Remember that several OMR sheets and their documents may be loaded at one time, up to a maximum of ten sheets and pages.

- START ►**
- Fill in the necessary parts of the OMR sheet for the operation. See the other relevant parts of this manual if needed.
  - You may make any notes you wish in the MEMORANDUM box on the sheet.
  - Place the OMR sheet face-down in the document stacker with the arrows facing into the machine. Set the document on top of the OMR sheet.
  - After a short pause, the FAX-1010 will read the information on the OMR sheet and operate appropriately.

You can place your OMR sheet and any documents on top of other OMR sheets or documents already in the stacker.

### OMR ERROR

- END ►**
- If the FAX-1010 detects an error, OMR ERROR (see page 64.) will be displayed and the OMR sheet and document will be ejected.
  - Make corrections to the sheet if needed and try again.
- END ►**
- If the FAX-1010 accepts the OMR sheet, the operation will be performed without any further action by you.
  - You can save and reuse an OMR sheet any number of times, as long as the marked settings are applicable and the OMR sheet is in good condition.
  - If you have several OMR sheets and documents in the FAX-1010's stacker and one of the remote facsimiles is busy when called, the FAX-1010 will automatically redial the number three times. If the number is still busy after the third try, the FAX-1010 will eject the document. It will then print a transmission report and go on to read and perform the task on the next OMR sheet in the stacker.

## Voice Communications

When sending or receiving a document, you may sometimes find it necessary to speak directly with the other facsimile's operator.

This section describes how to use the FAX-1010's call function to make and receive a call from another facsimile operator.

Note that you cannot use the call function while receiving in G2 mode.

---

### Receiving a Call

When the other operator is trying to call you, your FAX-1010 will sound a beeping call signal and the RECEIVE lamp will flash.

- START** ► ● Pick up the telephone and press the RESET key.
- When the other operator responds, you will be able to carry on a normal telephone conversation.
- END** ► ● When you are finished talking, hang up the phone as normal and the FAX-1010 returns to the idle state.

---

### CALL BACK

- If you do not answer the call, a Voice Request Slip (see page 57) will be printed listing the date and time of the call and the ID name or telephone number of the caller. After the message is printed, CALL BACK is displayed on the LCD.

---

### **Calling the Other Operator**

You may call the other operator either before sending, or after sending or receiving a document.

#### **Before Sending**

Calling is possible only in the manual send mode (dialing from the telephone).

- START ► ●** Set the document you are going to send in the document stacker before calling.
- Pick up the telephone and dial the other facsimile's phone number.
  - When you hear the ready tone of the other facsimile, press the CALL key instead of the green START key.
  - When the other operator answers, press the RESET key to be able to talk.
  - When you are finished talking, ask the other operator to press the start or other appropriate key on his or her facsimile.
- END ► ●** Press the green START key to send when you hear the ready tone of the other facsimile.

***After Sending, Receiving, or Polling***

You may call the other facsimile's operator after any sending, receiving, or polling operation.

- START** ► ● Set up your FAX-1010 for sending, receiving or polling the other machine and start the operation.
- Press the CALL key while the document is being sent or received.
  - After the last page of the document is sent or received, your FAX-1010 will sound a beeping call signal and the RECEIVE or SEND lamp will flash above the START key.
  - Pick up the telephone handset and press the RESET key to speak.
  - You will be able to carry on a normal telephone conversation when the other operator picks up his telephone and presses an equivalent key on his machine.
  - When you are finished talking, both sides simply hang up the telephones.



**Chapter 4**

## ***Lists & Reports***

To help you keep track of your facsimile communications, the FAX-1010 provides seven lists and reports. You have probably seen at least one of these, the Function List, which was printed automatically at the end of the Setting System Functions procedure in Chapter 2.

This chapter describes the various printouts and shows how you can produce them.

### ***Communications Journal***

The Journal provides you with a detailed account of your communications activities. The Journal lists the date, time, duration, number of pages, mode used, and completion status of the communication for documents sent and received.

For successful communications, OK is printed in the STATUS column. If the communication was not successful, NG (No Good) appears instead, followed by a two-character code for the cause of the error. These error codes and codes for the mode used are defined in Appendix A, Mode & Error Codes, on page 67.

When you set up the FAX-1010 (see page 18), you may choose to have a Journal of documents sent and received printed out automatically after every 20 transactions. When auto-printing is set, if the journal memory is full or there is not enough paper remaining to print the journal, the FAX-1010 will retain the most current information by deleting the oldest transactions as necessary.

You may also print out the Journal if it has been set in the system function setup using the procedure that follows.

**Figure 4-1.**  
Communications Journal

Your facsimile's telephone number and ID name that you set in the system function setup procedure.

Total pages sent since installation.

Amount of time it took to send the document.

Number of the facsimile to which the document was sent.

Mode and status information is explained in Appendix A, Mode & Error codes.

Total pages received since installation.

Number of the facsimile that sent you the document.

COMMUNICATIONS-JOURNAL									
						SEP 25 '88 21:39			
						TEL NO. : 123 456 7890			
						ID NAME: BROTHER			
TRANSMISSION RECORD							TOTAL PGS : 0019		
NO.	DATE	TIME	MIN/SEC	PGS	TO		MODE	STATUS	
001	SEP.25	19:59	00/59	03	714 730 8902		HS	0	OK
002	SEP.25	20:09	02/53	04	312 945 1044		G3	9	OK
003	SEP.25	20:15	05/19	02			G2		OK
004	SEP.25	20:23	01/28	02	206 575 1178		HS	8	OK
005	SEP.25	20:25	00/53	02	713 741 0900		HS	0	OK
006	SEP.25	20:39	00/58	03	404 447 8250		HS	0	OK
007	SEP.25	20:52	00/00	00			G3	1	NG OF
008	SEP.25	20:53	00/29	01	09 607510		HS	0	OK
009	SEP.25	21:32	00/00	00			G3	1	NG OF
010	SEP.25	21:35	00/30	01			HS	0	OK
011	SEP.25	21:39	00/30	01	7147308902		HS	0	OK
RECEPTION RECORD							TOTAL PGS : 0017		
NO.	DATE	TIME	MIN/SEC	PGS	FROM		MODE	STATUS	
001	SEP.25	19:53	01/24	04	0425867449		HS	0	OK
002	SEP.25	19:55	01/11	02	0425867449		G3	2	OK
003	SEP.25	20:02	03/15	03	312 945 1044		G3	1	OK
004	SEP.25	20:13	00/27	01	303 428 5502		HS	0	OK
005	SEP.25	20:27	01/26	02	713 741 0900		HS	8	OK
006	SEP.25	20:31	00/24	01	313 569 7174		HS	4	OK
007	SEP.25	20:32	03/34	01			G2		OK
008	SEP.25	20:40	00/02	00	404 447 8250		HS	A	NG OF
009	SEP.25	20:42	08/47	03	09 607510		HS	A	OK

### Printing the Journal

This procedure shows you how to print out a Journal for documents sent and received. Print out must have been selected first in function setup on page 18.

- Press the FUNCTION and JOURNAL keys in sequence.

#### JOURNAL?

- This is the communication record of documents you have sent and received.
- Press the YES key to continue or the NO key to return the FAX-1010 to the idle state.

#### PRINTING NOW

- The FAX-1010 is printing the Journal.
- After printing, the FAX-1010 returns to the idle state.

## Transmission Report

When you set up the FAX-1010, you may choose to have a Transmission Report printed (see page 18) after every document you send.

The Transmission Report indicates the data and time the document was sent, who it was sent to, the duration of the transmission, and how many pages were sent.

**Figure 4-2.**  
Transmission Report

TRANSMISSION REPORT		SEP 25 '88 21:38
RECEIVER:		1234567890
PAGES SENT:	01	
DURATION:	00:30	

## Voice Request Slip

The Voice Request Slip is printed automatically when you do not respond to the other facsimile machine operator's request for voice communications (see page 52). The slip shows the date and time of the request and gives the telephone number of the caller when both are Brother FAX-1010 or FAX-2020 facsimiles. If the other machine is a different make, the telephone number may not be printed.

**Figure 4-3.**  
Voice Request Slip

* VOICE REQUEST *		SEP 25 '88 21:43
PLEASE CALL BACK TO THE FOLLOWING.		
TEL NO.		1234567890

## Status Listings

The lists in this section can be printed out at any time to check the currently registered system functions, auto transmission settings, abbreviated numbers, and group numbers.

Examples of the lists are reproduced on the pages that follow. See page 62 for the procedure to print out these list.

### Function List

The Function List is printed automatically at the end of the Setting System Functions procedure (see page 20). You may print it out at any time to verify the current functions you have set.

**Figure 4-4.**  
Function List

Your terminal's ID is printed at the top of every page, outside the document area.

No limit on length of document.

Print a journal automatically after every 20 transactions and a transmission report after every document sent.

Standard resolution and normal contrast.

Dialing mode is set for a rotary (pulse) dial phone. When set for a touch tone phone, MF is printed.

Highest baud rate is set.

Telephone line connection is not leased line but to public switched telephone network.

FUNCTION LIST		SEP 25 '88 21:30
		TEL NO.: 123 456 7890
		ID NAME: BROTHER
TTI	: YES	
INSIDE	: NO	
DOCUMENT LENGTH FREE	: YES	
JOURNAL	: YES	
TRANSMIT REPORT	: YES	
INITIAL MODE	: STD	
	NORMAL	
DIAL	: DP	
MODEM SPEED	: 9600	
LEASED MODE	: NO	

### Auto Dial List

The Auto Dial List shows the currently set automatic transmission and polling jobs. Auto-transmission gives the phone number of the receiving party, transmission time and number of pages to be sent.

Auto-polling information is given in three items for single station, group and daily polling, listing the polling time, phone or group number, and security code of the party to be polled.

Figure 4-5.  
Auto Dial List

AUTO DIAL LIST		SEP 25 '88 21:44
1. AUTO TRANSMISSION		
TEL NUMBER	1234567890	
TIME OF TRANS.	22:30	
NO. OF PAGES	02	
2. AUTO POLLING-SINGLE STATION		
TEL NUMBER	1234567890	
TIME OF POLLING	15:00	
SEC. CODE	1234	
3. AUTO POLLING-GROUP		
GROUP NUMBER		
TIME OF POLLING		
SEC. CODE		
4. EVERYDAY POLLING		
GROUP NO. / TEL. NO.		
TIME OF POLLING		
SEC. CODE		

Either single station or group polling can be set at a time. Here, auto-polling to a single station is preset.

### Abbreviated Number List

The Abbreviated Number List shows all of the currently registered abbreviated numbers and their corresponding ID names and full telephone numbers.

Remember that the first ten abbreviated numbers are automatically assigned to one-touch keys 1 to 0 for even more convenience.

Figure 4-6.  
Abbreviated Number List

Full telephone number is printed as you registered it in the FAX-1010. Pauses will appear as spaces.

ABBREVIATED NUMBER LIST			
			SEP 25 '88 21:39
			TEL NO.: 123 456 7890
			ID NAME: BROTHER
ABB. NO.	ID NAME	TEL NUMBER	
01	TUSTIN	1111111111	
02	BURLINGTON	2222222222	
03	SAN JOSE	3333333333	
04	DETROIT	4444444444	
05	CHICAGO	5555555555	
06	SAN FRAN	6666666666	
07	FAIRFIELD	7777777777	
08	ST. LOUIS	8888888888	
09	ARMONK NY	9999999999	
10	MEMPHIS	1234567890	
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

All 50 abbreviated numbers are listed sequentially, even though they may not be assigned telephone numbers.

### Group Number List

The Group Number List is similar in format to the abbreviated number list but arranges registered abbreviated numbers under their currently assigned group numbers.

Figure 4-7.  
Group Number List

Up to nine groups can be registered in the FAX-1010 using Group No's. 1 to 9.

Notice that the same abbreviated facsimile number can be in more than one group. Here, Abb. No. 01 is in Group No.1 and 3.

GROUP NUMBER LIST			
		SEP 25 '88 21:38	
		TEL NO.: 123 456 7890	
		ID NAME: BROTHER	
GROUP NO. = 1			
ABB. NO.	ID NAME	TEL NUMBER	
01	TUSTIN	1111111111	
02	BURLINGTON	2222222222	
03	SAN JOSE	3333333333	
04	DETROIT	4444444444	
05	CHICAGO	5555555555	
06	SAN FRAN	6666666666	
07	FAIRFIELD	7777777777	
08	ST. LOUIS	8888888888	
09	ARMONK NY	9999999999	
10	MEMPHIS	1234567890	
GROUP NO. = 2			
ABB. NO.	ID NAME	TEL NUMBER	
11	ATLANTA	2345678901	
12	SEATTLE		
13	DENVER		
14	HOUSTON	3456789012	
15	PHOENIX	4567890123	
16	WASHINGTON	5678901234	
17	DALLAS	6789012345	
18	WAYNE NJ	7890123456	
GROUP NO. = 3			
ABB. NO.	ID NAME	TEL NUMBER	
01	TUSTIN	8901234567	
02	BURLINGTON	9012345678	
03	SAN JOSE		
04	DETROIT		
05	CHICAGO		

### **Printing Status Lists**

Follow these steps to print out any of the status listings:

- START ►** ● Press the FUNCTION key and the 4 key in sequence.

---

#### **OUTPUT LIST?**

- Press the YES key to continue to the list names.
- Pressing NO returns the FAX-1010 to the idle state.

---

#### **FUNCTION LIST?**

- Press YES to print out the system function list or the NO key to skip to the next list name.

---

#### **AUTO DIAL LIST? ABB. NO. LIST? GROUP NO. LIST?**

- When the list you want is displayed, press the YES key to start printing.
- If you respond NO to all list names, the FAX-1010 returns to the idle state after the GROUP NO. LIST? prompt.

---

#### **PRINTING NOW**

- The list you selected is now being printed.
- END ►** ● After printing, the FAX-1010 returns to the idle state.



## Chapter 5

# Troubleshooting

The FAX-1010 continuously monitors its own status and displays a message if it detects an abnormality. At the same time, it sounds an alarm to alert the operator. The messages and the responses you should make to them are explained below.

## Error Messages

### COMM ERROR

A protocol error was detected; press the RESET key and try again.

### AUTODIAL ERROR

An error occurred during automatic dialing or the called remote facsimile remained busy on all automatic retries. Press the RESET key and try again. If the problem persists, print the Auto Dial List and check that the automatic dialing information has been registered correctly.

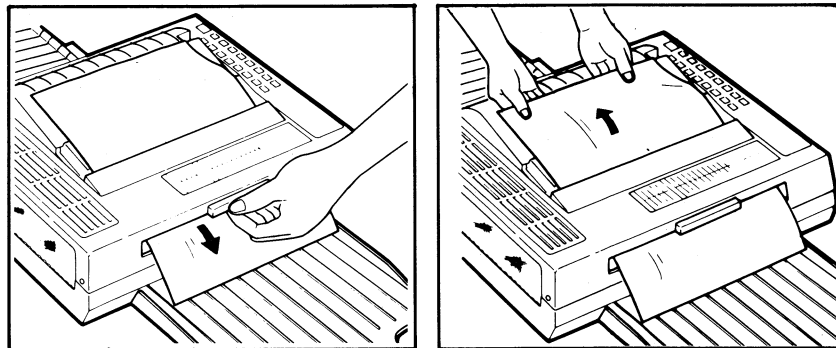
### DOCUMENT JAM

A document that you were trying to copy or send has become jammed. Follow the procedure below. (see Figure 5-1).

1. Remove the document tray.
2. Pull out the grey document release bar above the document output slot. This will release the pressure on the feed rollers.

**Figure 5-1.**  
Removing a Jammed Document

**TO CHECK PAPER FEED:** Press the FUNCTION and JOURNAL keys in sequence, and when the Journal starts to print, press the RESET key to abort the printout.



3. Grasp the jammed document firmly on both edges and pull. Make sure any small pieces of paper which may have torn off are removed; use tweezers if necessary.
4. Push the grey document release bar back into place, and replace the document tray.
5. Copy a sheet of paper to check that it feeds correctly.

**OMR ERROR**

The FAX-1010 detected an error while reading an OMR sheet.

1. Press the RESET key to eject the OMR sheet.
2. Check the OMR sheet for damage, smudges, or mismarking (for instance, marking both standard and fine resolution, or both light and dark contrast).
3. Mark up a new OMR sheet if necessary.
4. Reload the OMR sheet and document and try again.

**PAGE # MISMATCH**

The number of pages sent differs from the number of pages registered for transmission. Contact the other operator and decide which pages should be resent.

**PAPER EMPTY**

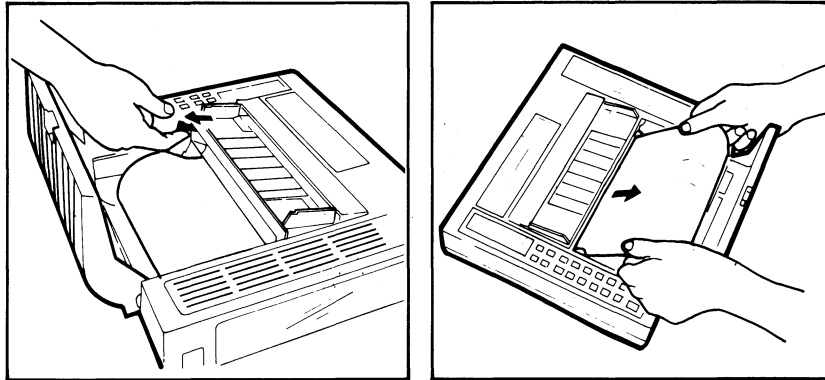
The FAX-1010 has run out of recording paper. Open the paper compartment cover, remove the old paper roll, and load the new paper roll as shown in the instructions printed on the inside of the cover.

**PAPER JAM**

The recording paper has jammed.

1. Open the paper compartment cover.
2. Pull the green paper release knob (see Figure 5-2). This will release the pressure on the feed rollers.
3. Grasp the jammed paper firmly on both edges and pull. Make sure any small pieces of paper which may have torn off are removed; use tweezers if necessary.

**Figure 5-2.**  
Removing Jammed Recording Paper



4. Cut off any wrinkled paper from the end of the roll and cut the end square and clean.
5. Turn the power off, then on again, to reset the paper cutter.
6. Reload the paper as shown in the instructions on the inside of the cover.
7. Push the green knob back into position and close the cover.
8. Print out a Journal (see page 56) to check that the paper feeds properly.

#### SEC. CODE ERROR

The security code entered differs from the code registered in the facsimile being polled. Also displayed if the remote facsimile does not have a document set to be polled.

### **Lightning Protection**

This equipment is designed for safety and against damage from high voltages that might occur on the telephone network and/or the a.c. mains due to lightning.

As a further precaution against damage during local thunderstorms, the equipment can be disconnected from both the telephone network and the a.c. mains.

#### WARNING

Always disconnect from the telephone network first **BEFORE** disconnecting from the a.c. mains.



**Appendix A**

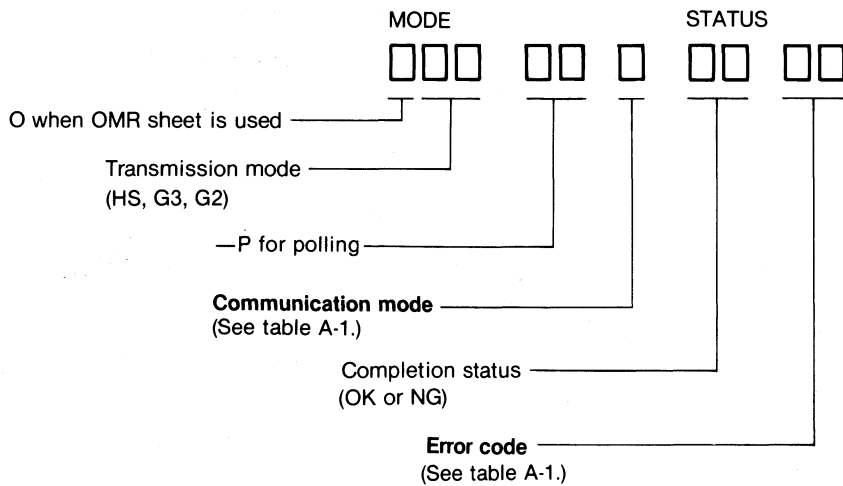
# Mode & Error Codes

Information on the communication mode and completion status of each transaction is provided in the MODE and STATUS columns of the communications journal. This portion of the journal is highlighted in Figure A-1 below.

**Figure A-1.**  
Mode & Error Codes on Journal

COMMUNICATIONS-JOURNAL									
					SEP 25 '88 21:44				
					TEL NO. : 123 456 7890				
					ID NAME: BROTHER				
TRANSMISSION RECORD					TOTAL PGS : 0019				
NO.	DATE	TIME	MIN/SEC	PGS	TO	MODE	STATUS		
001	SEP. 25	19:59	00/59	03	123 456 8902	HS	0	OK	
002	SEP. 25	20:09	02/53	04	123 456 1044	G3	9	OK	
003	SEP. 25	20:15	05/19	02		G2		OK	
004	SEP. 25	20:23	01/28	02	206 500			OK	
	SEP. 25	20:25	00/53	02				OK	

The **communication mode** identifies the modem speed, resolution, and compression coding scheme. The **error code** defines the cause of any error occurring during the communication. These codes are marked on the journal in the following positions:



This table defines the communication mode and error codes that are printed on the journal.

**Table A-1.**  
Mode & Error Code List

Communication Mode		Error Code	
Code	Meaning	Code	Meaning
0	9600/STD/MR	00	Successful completion
1	9600/STD/MH	01	Pre-communication handshake error
2	9600/FINE/MR	02	Security code mismatch
3	9600/FINE/MH	03	Training or phase error
4	7200/STD/MR	04	Post-communication handshake error
5	7200/STD/MH	05	Receive picture error
6	7200/FINE/MR	06	Unanswered voice call
7	7200/FINE/MH	07	Carrier off during reception
8	4800/STD/MR	08	Paper empty
9	4800/STD/MH	09	Paper jam
A	4800/FINE/MR	0A	Document jam
B	4800/FINE/MH	0B	—not used—
C	2400/STD/MR	0C	Page number mismatch
D	2400/STD/MH	0D	—not used—
E	2400/FINE/MR	0E	—not used—
F	2400/FINE/MH	0F	RESET switch pressed
		10	Auto dial error

**Note:**  
9600, 7200, 4800, 2400 are baud rates. STD, FINE is the resolution. MR, MH is the coding scheme.

## Appendix B

# Function Codes

The following table is a summary of single key functions and FUNCTION key combinations that begin the various procedures of your FAX-1010. This information is also on a quick reference label on the machine. See the pages referenced for each procedure for more information.

**Table B-1.**  
Function Code List

Key Combination	Label Description	Display	See Page
*	AUTO DIAL	NO. =	33
Yes	SET MODE	(Resolution changes)	30
No	SET CONTRAST	(Contrast changes)	30
FUNCTION 1	SEND LATER	AUTO TRANSMIT?	34
FUNCTION 2	POLL LATER	AUTO POLLING?	43
FUNCTION 3	SET ABBR. #	SET ABB. NO?	21
FUNCTION 4	SYSTEM LIST PRINT	OUTPUT LIST?	62
FUNCTION 5	INITIAL SETTING	SET UP SYSTEM?	16
FUNCTION 6	SEC. CODE POLLING	SET POLLING?	39
FUNCTION 7	OPERATOR CALL	CALL (at end of display)	52
FUNCTION 8	COPY MODE	COPY	31
FUNCTION 9	JOURNAL PRINT	JOURNAL?	55
FUNCTION 0	MANUAL/AUTO ANSWER	(No display changes)	38
FUNCTION #	SET PAGE#	NO. OF PAGES	32





## Appendix C

**Specifications**


---

Type	Desktop facsimile transceiver
Usable Circuits	PSTN (Public Switched Telephone Network) or 2-wire leased line
Communication Modes	CCITT G3 or G2 Brother High Speed (HS)
Communication Speed	9600, 7200, 4800, 2400 bps
Transmission Speed	15 seconds/page approx.
Data Compression	Modified Huffman (MH) Modified Read (MR)
Scanner Type	CCD image sensor
Scanning Density	Horizontal: 8 dots/mm (203 pels/inch) Vertical: 7.7 or 3.85 lines/mm (196 or 98 lines/inch)
Printer Type	Thermal, fixed flatbed
Document Width	216 mm (8.5 inches) maximum
Printing Width	216 mm (8.5 inches) maximum
Recording Paper Size	Roll: 216 mm × 100 m (8.5 inches × 328 feet)
Power Supply	115 VAC, 2A max, 60Hz

## 72 Specifications

Power Consumption	Operating: 130W maximum Standby: 30W maximum									
Memory Backup	Battery backup: 20 days									
Operating Environment	Temperature: 10 to 30 deg. C (50 to 86 deg. F) Humidity: 35 to 85%									
Dimensions	<table><thead><tr><th>Width</th><th>Depth</th><th>Height</th></tr></thead><tbody><tr><td>293</td><td>340</td><td>130 mm</td></tr><tr><td>11.5</td><td>13.4</td><td>5.1 inches</td></tr></tbody></table> <p>(Excluding document and recording paper trays)</p>	Width	Depth	Height	293	340	130 mm	11.5	13.4	5.1 inches
Width	Depth	Height								
293	340	130 mm								
11.5	13.4	5.1 inches								
Weight	6.1 kg (13 lb.) without paper roll									
Consumable and Replacement Parts	Recording paper OMR sheets Carrier sheets Fluorescent lamp ADF roller ADF rubber board									

# Index

## A

Abbreviated number information  
 list 60  
 printing 62  
 Abbreviated numbers  
 cancelling 14, 22  
 setting group telephone numbers 23  
 setting single telephone numbers 22  
 Accessories 72  
 AUTO DIAL ERROR message 32, 63  
 Auto dial list 59  
 AUTO POLLING? display 43  
 AUTO TRANSMIT? display 35  
 Auto-receive mode 38  
 Automatic polling 43—47  
 cancelling auto-polling 47  
 daily polling 46  
 group polling 45  
 turnaround polling 42  
 Automatic transmission 34—36  
 cancelling 36  
 single station entry 34

## B

Backup battery 11, 72  
 Being polled 39

## C

CALL BACK display 53  
 Cancelling  
 cancelling auto-transmission 37  
 cancelling polling 39, 47  
 Carrier sheet 29  
 COMM ERROR message 41, 63  
 Communication cable 3, 12  
 Communications journal  
 see Journal  
 Compatibility 4

Contrast  
 copy contrast 30  
 initial setting 19, 58  
 on OMR sheet 49  
 Copying 27—31

## D

DAILY POLL? display 46  
 Daily polling 46—47  
 Date  
 display on idle screen 15  
 on lists and reports 55—61  
 setting date 16  
 Dial guide 1  
 Dialing  
 from operation panel 33  
 one-touch 5, 21, 34  
 redialing 32, 63  
 with telephone 33  
 Dialing mode 58  
 setting dialing mode 19—20  
 Dialing pauses 14—15, 60  
 Display language 7  
 Document guides 1  
 DOCUMENT JAM message 63  
 Document length 18, 58  
 Document release bar 63  
 Document sizes 28, 71  
 Documents stacker 1  
 Document stacker capacity 3, 29, 51  
 Document support 1, 10  
 Document tray 1, 11  
 Document  
 size 18, 58, 71  
 type 28  
 using carrier sheet 29

## E

Error messages 63—65

**F**

- Function code list 69
- Function keys 2
- Function list 58
  - printing 62
- Functions 4—7

**G**

- Group number list 61, 62
- Group numbers
  - deleting 24
  - listing 61, 62
  - setting 23—24
- Group polling 45—46

**H**

- Hardware features
  - assembling 9—11
  - connecting 12
  - description 1—3

**I**

- ID name 5
  - printing on document 18, 58
  - setting 17
- Idle state display 15

**J**

- Journal 6
  - printing 55—56
  - setting auto-printout 18

**K**

**L**

- Leased mode 20, 71
- Lightning protection 65
- LINE jack 3, 12
- Lists
  - abbreviated number list 60
  - auto dial list 59
  - function list 20, 58
  - group number list 61
  - printing lists 62

**M**

- Making corrections 14
- Manual receive mode 38
- Mode & error codes 67—68
- Modem speed 67, 71
  - display of 15
  - setting 20

**N**

- Normal transmission display 15
- Number of pages
  - recorded on transmission report 6, 57
  - setting 32

**O**

- OMR ERROR message 64
- OMR sheets 48—52
  - errors 48, 49, 51, 64
  - marking 49—51
  - using 51—52
- One-touch dialing 5, 21
  - polling 41
  - sending 34
- One-touch keys
  - description 2
  - setting for abbreviated numbers 21
- Operation panel 2
- OUTPUT LIST? display 62

**P**

- PAGE#MISMATCH message 64
- Paper compartment
  - location 1
  - peep window 1
  - replacing paper 64
- PAPER EMPTY message 64
- PAPER JAM message 64
- Paper release knob 9, 64
- PBX extension numbers 14, 22
- Plastic guide sheet 10
- Polling 38—47
  - auto-polling 43—47
  - cancelling polling 39
  - daily polling 46—47
  - group polling 45—46
  - turnaround polling 42—43

Printing  
   journal 18, 55, 56  
   status listings 58—62  
   transmission report 18, 57  
 Protective strip 9

**R**

Receiving  
   auto-receiving 38  
   manual receiving 38  
 Recording paper  
   jammed 64  
   loading 9  
   peep window 1  
   replacing 64  
   type 72  
 Redialing  
   see Dialing  
 Replacing recording paper 64  
 Resolution  
   display 15  
   setting 19, 49, 67—68

**S**

SEC. CODE ERROR 65  
 Security code  
   on OMR sheet 50  
   used for polling 39, 40, 41, 42, 44, 46, 47  
 Sending  
   see Transmission  
 SET ABB.NO.? display 21  
 SET POLLING? display 39  
 SET UP SYSTEM? display 16  
 Setting  
   date and time 16—17  
   functions 16—20  
 Simple transmission 31, 33—34  
   dialing from the operation panel 33  
   dialing with the telephone 33  
   one-touch dialing 34  
 Single station polling 43  
 Specifications 71—72  
 Status listings 58—61  
   printing lists 62

**T**

Telephone (TEL) jack 3, 12  
 Telephone line connection 12  
 Telephone numbers  
   dialing pauses in 14—15, 22, 60  
   entering 14—15  
   number of digits 22  
   recorded on journal 55—56  
 Terminal ID 5  
   setting 17—18  
 Test copying 11, 27  
 Thermal head  
   removing protective strip 9  
   type 71  
 Time  
   display 15  
   setting 16—17  
 Transmission 31—36  
   automatic 34—36  
   mode 16  
   simple 31, 33—34  
 Transmission report 6, 57  
   setting 18  
 Transmit Terminal Identification  
   see TTI  
 Troubleshooting 63—65  
 TTI 5  
   printing on document 18  
   setting 17—18, 58  
 Turnaround polling 42—43

**U**

**V**

Voice communications 52—54  
   calling the other operator 53—54  
   receiving a call 52—53  
 Voice request slip 53, 57

**W**

**X**

**Y**

**Z**



## Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>