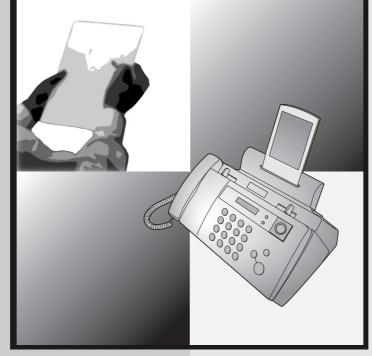
MODELL UX-B30



TELEFAX BEDIENUNGSANLEITUNG

- 1. Installation
- 2. Sending Faxes
- 3. Receiving Faxes
- 4. Making Copies
- 5. Answering Machine Connection
- 6. Special Functions
- 7. Printing Lists
- 8. Maintenance
- 9. Troubleshooting

SHARP.

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CAUTION: For a complete electrical disconnection pull out the mains plug.

VORSICHT: Zur vollständigen elektrischen Trennung vom Netz den Netzstecker ziehen.

ATTENTION:

Pour obtenir une mise hors-circuit totale, débrancher la prise de courant secteur. AVISO:

Para una desconexión eléctrica completa, desenchufar el enchufe del tomacorriente. VARNING:

För att helt koppla från strömmen, dra ut stickproppen.

ATTENZIONE:

Per un totale scollegamento elettrico rimuovere la spina di corrente.

"The mains outlet (socket-outlet) shall be installed near the equipment and shall be easily accessible." "De aansluiting op de stroomvoorziening (stopkontakt) moet nabij het apparaat zijn aangebracht en moet gemakkelijk bereikbaar zijn."

Ett nätuttag (vägguttag) bör befinna sig nära utrustningen och vara lätt att tillgå.

La presa di corrente deve essere installata vicino all'apparecchio, e deve essere facilmente accessibile.

El tomacorriente principal se debe encontrar cerca del aparato y debe ser fácil de acceder a él.

"Die Netzsteckdose (Wandsteckdose) sollte in der Nähe des Geräts installiert werden und leicht zugänglich sein." Stikkontakten skal være placeret nær faxen og være let tilgængelig.

Pääpistoke (pistokkeen poisto) tulee asentaa lähelle laitetta ja tulee olla helposti poistettavissa.

r adpisione (pisionneen poisio) tulee asentaa lanene laitetta ja tulee olla helposti poisiettavisso

Stikkontakten må være montert i nærheten av utstyret og den må være lett tilgjengelig. La prise de courant principale (d'alimentation) doit être située près de l'appareil et facilement accessible.

This equipment complies with the requirements of Directive 1999/5/EC.

Dieses Gerät entspricht den Anforderungen der EU-Richtlinie 1999/5/EG.

Cet appareil est conforme aux exigences de la directive 1999/5/CE.

Este aparato satisface las exigencias de las Directiva 1999/5/CE.

Quest'apparecchio è conforme ai requisiti delle direttiva 1999/5/CE.

Dit apparaat voldoet aan de eisen van de richtlijn 1999/5/EG.

Este equipamento obedece às exigências da directiva 1999/5/CE.

Η συσκευή αυτή ανταποκρίνεται στις απαιτήσεις των οδηγια 1999/5/ΕΚ.

Denna utrustning uppfyller kraven enligt direktiv 1999/5/EC.

Dette udstyr overholder kravene i direktiv 1999/5/EF.

Dette produktet oppfyller kravene i direktiv 1999/5/EC.

Tämä laite täyttää direktiivi 1999/5/EY.

Dieses Faxgerät kann an öffentliche Fernsprechnetze nach TBR21-Standard in Deutschland, Österreich und in der Schweiz angeschlossen werden.

This is a facsimile product operating in German, Austrian and Swiss analogue public switched telephone networks which follow the TBR21 Standard.

The Declaration of Conformity can be viewed at the following URL address. http://www.sharp.de/doc/UX-B30.pdf



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Quick48 - Austausch

Wer heutzutage etwas erreichen will, muß erreichbar sein. Um Sie auch nach der Entscheidung, ein SHARP Produkt zu kaufen, weiter bei der Verwirklichung dieses Zieles zu unterstützen, haben wir einen neuen Kundenservice etabliert. Für das von Ihnen erworbene Produkt bieten wir Ihnen den

Quick48 - Austauschservice.

Sollte innerhalb der 24monatigen Sachmangelverjährungsfrist ein Problem auftauchen, sprechen Sie mit unserer schnellen und kompetenten **Service-Hotline:**

Faxgeräte:	01805-234676*
AL-Digitalkopierer:	01805-234677*

Die lösen das Problem oft schon direkt am Telefon. Sollte das einmal nicht gelingen, wird das Gerät in der Regel innerhalb von 48 Stunden kostenlos bei Ihnen abgeholt und gegen ein gleichwertig aufgearbeitetes Gerät ausgetauscht.

Das ist SHARP - nur was funktioniert, fasziniert!





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Introduction

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Welcome, and thank you for choosing a SHARP inkjet fax machine! The features and specifications of your inkjet fax are shown below.

Print cartridge yield* (at 4% coverage**)	Initial cartridge Quality mode OFF: Approx. 300 A4 pages Quality mode ON: Approx. 200 A4 pages Replacement cartridge: SHARP UX-C70B Quality mode OFF: Approx. 600 A4 pages Quality mode ON: Approx. 400 A4 pages
Paper tray capacity	Approx. 100 A4-size sheets (at room temperature; maximum stack height should not be higher than the line on the tray)
Recording system	Thermal inkjet
Print resolution	$600 imes 600~{ m dpi}$
Effective printing width	203 mm max.
Memory size**	448 KB (approx. 24 average pages with ECM turned off)
Modem speed	14,400 bps with auto fallback to lower speeds.
Transmission time**	Approx. 6 seconds (only when ECM is on)
Compatibility	ITU-T (CCITT) G3 mode
Compression scheme	MR, MH, MMR
Automatic dialling	30 numbers
Telephone function	Yes (cannot be used if power fails)
Applicable telephone line	Public switched telephone network (TBR21) / PBX
Reception modes	TEL/FAX, TEL, FAX, A.M.

*Quality mode is initially turned off. To turn on Quality mode, see page 21.

**Based on Sharp Standard Chart at standard resolution, excluding time for protocol signals (i.e., ITU-T phase C time only).

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Automatic document feeder	10 pages max. (A4, 80 g/m ² paper)
Input document size	Automatic feeding: Width: 148 to 216 mm Length: 140 to 297 mm Manual feeding: Width: 148 to 216 mm Length: 140 to 600 mm
Effective scanning width	210 mm max.
Scanning Resolution	Horizontal: 8 lines/mm Vertical: Standard: 3.85 lines/mm Fine /Halftone: 7.7 lines/mm Super fine: 15.4 lines/mm
Halftone (grayscale)	64 levels
Contrast control	Automatic/Dark selectable
Copy function	Single/Multi/Sort (99 copies/page)
Display	16-digit LCD display
Power requirements	220-230 V AC, 50 Hz
Noise emission	Less than 70 dBA (measured according to EN 27779 (DIN 45635))
Power consumption	Standby: 5.3W Maximum: 35 W
Operating temperature	15 - 32°C
Humidity	25 - 80% RH
Dimensions (without attachments)	Width: 354 mm Depth: 247 mm Height: 138 mm
Weight (without attachments)	Approx. 3.2 kg

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As a part of our policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

Important:

This fax machine is not designed for use on a line which has call waiting, call forwarding, or certain other special services offered by your telephone company. If you attempt to use the fax machine in conjunction with any of these services, you may experience errors during transmission and reception of facsimile messages.

The fax machine is not compatible with digital telephone systems.

Important safety information

Do not disassemble this machine or attempt any procedures not described in this manual. Refer all servicing to qualified service personnel.

Do not install or use the machine near water, or when you are wet. For example, do not use the machine near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool. Take care not to spill any liquids on the machine.

Unplug the machine from the power outlet and telephone socket and consult a qualified service representative if any of the following situations occur:

- Liquid has been spilled into the machine or the machine has been
- exposed to rain or water.
- The machine produces odors, smoke, or unusual noises.
- The power cord is frayed or damaged.
- The machine has been dropped or the housing damaged.

Do not allow anything to rest on the power cord, and do not install the machine where people may walk on the power cord.

This machine must only be connected to a 220-230 V, 50 Hz, earthed (2-prong) outlet. Connecting it to any other kind of outlet will damage the machine.

Never insert objects of any kind into slots or openings on the machine. This could create a risk of fire or electric shock. If an object falls into the machine that you cannot remove, unplug the machine and consult a qualified service representative.

Do not place this machine on an unstable cart, stand or table. The machine could be seriously damaged if it falls.

Never install telephone wiring during a lightning storm.

Never install telephone sockets in wet locations unless the socket is specifically designed for wet locations.

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Never touch bare telephone wires or terminals unless the telephone line has been disconnected at the network interface.

Use caution when installing or modifying telephone lines.

Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

Do not use a telephone to report a gas leak in the vicinity of the leak.

The power outlet must be installed near the equipment and must be easily accessible.



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Using FAX Mode
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6

A Look at the Operation Panel

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#

Display

This displays messages and prompts to help you operate the machine.



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R key

If you are on a Flash-type PBX, use this key to dial out (first press the **R** key and then dial the number; page 43).

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B

RESOLUTION/RECEPTION key

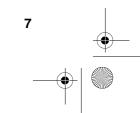
When a document is in the feeder, press this key to adjust the resolution for faxing or copying (page 41). At any other time, press this key to select the reception mode (an arrow in the display will point to the currently selected reception mode; page 30).

INK key

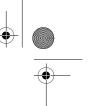
Press this key before installing or replacing the print cartridge to move the print cartridge holder to the cartridge replacement position (page 17).

5 Arrow keys

Use these keys to scroll through and select settings, and to search for autodial numbers (page 48).



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FUNCTION key

Press this key followed by the arrow keys to select special functions and settings.



8

Number keys

Use these keys to dial numbers, and enter numbers and letters when storing auto-dial numbers.

POLL key

Press this key after dialling another fax machine to receive a document (previously loaded in the other machine's feeder) without assistance from the operator of the other machine (page 83).



HOLD key

Press this key to put the other party on hold during a phone conversation (page 63).



SPEAKER key

Press this key to listen to the line and fax tones through the speaker when faxing a document (page 43).

Note: **This is not a speakerphone.** You must pick up the handset to talk with the other party.



STOP key

Press this key to cancel an operation before it is completed.



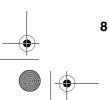
START/MEMORY key

Press this key after dialling to begin fax transmission (page 44). Press this key before dialling to send a fax through memory (page 54). The key can also be pressed in the date and time display to show the percentage of memory currently used.



COPY/HELP key

When a document is in the feeder, press this key to make a copy of the document (page 69). At any other time, press this key to print out the Help List, a quick reference guide to the operation of your fax machine.



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Monitoring phone conversations

When speaking through the handset, you can press a to allow a third person to listen to the conversation through the speaker. (To turn off the speaker, press the key again.)

To adjust the volume of the speaker when monitoring a conversation, press

 $\bigvee_{\underline{}}$ or $\swarrow_{\underline{}}$ (the volume reverts to the lowest setting each time the handset is replaced).

Note that the speaker cannot be used for speaking; it is only for listening.

To avoid feedback (a loud howling sound), be sure to turn off the speaker

(press \bigcirc once again) before you replace the handset.

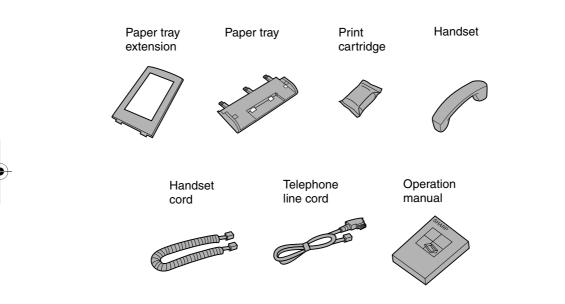
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4

1. Installation

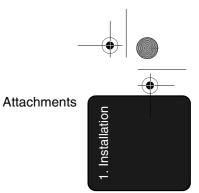
Unpacking Checklist

Before setting up, make sure you have all of the following items. If any are missing, contact your dealer or retailer.





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Attachments

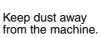
Points to keep in mind when setting up



Do not place the machine in direct sunlight.

Do not place the machine near heaters or air conditioners.



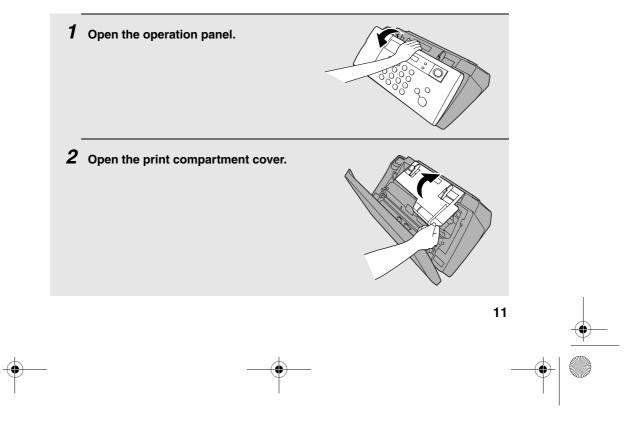


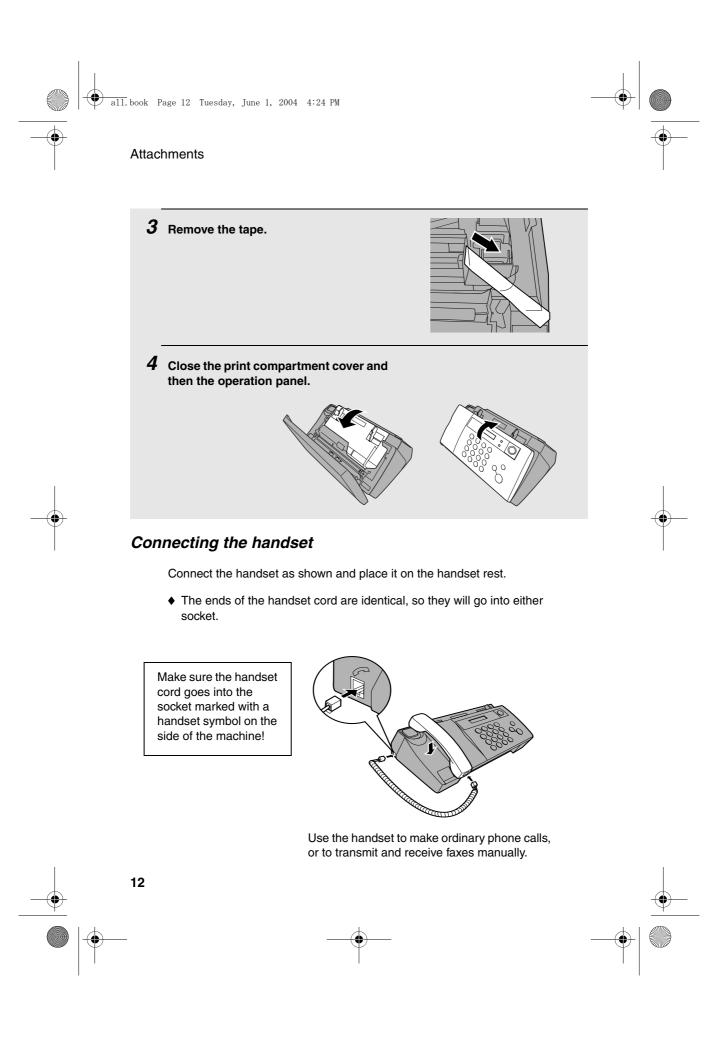


machine clear.

About condensation If the machine is moved from a cold to a warm place, it is possible that condensation may form on the scanning glass, preventing proper scanning of documents for transmission. To remove the condensation, turn on the power and wait approximately two hours before using the machine.

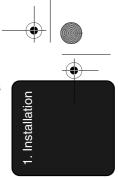
Removing the packing tape





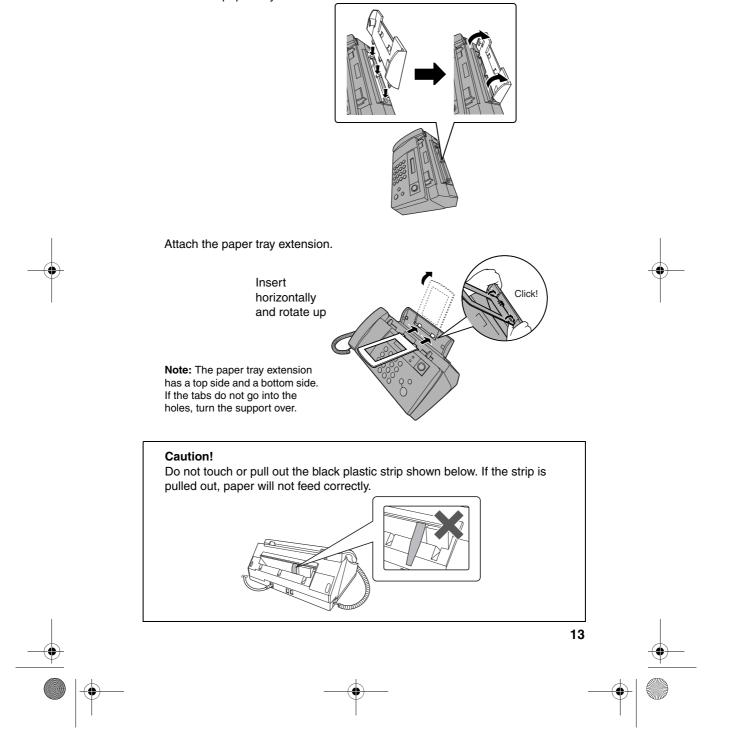
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Attachments



Attaching the paper tray

Attach the paper tray.



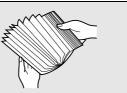
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Loading Printing Paper

Loading Printing Paper

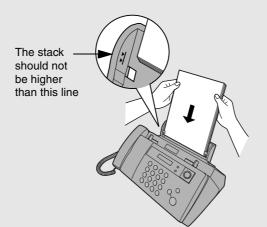
You can load up to 100 sheets of A4-size paper ($60 - 80 \text{ g/m}^2$) in the paper tray (at room temperature; maximum stack height should not be higher than the line on the tray).

1 Fan the paper, and then tap the edge against a flat surface to even the stack. Make sure the stack edges are even.



2 Insert the stack of paper into the tray, *PRINT SIDE UP*.

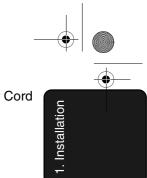
- If paper remains in the tray, take it out and combine it into a single stack with the new paper.
- Be sure to load the paper so that printing takes place on the **print** side of the paper. Printing on the reverse side may result in poor print quality.
- GENTLY LOAD PAPER INTO THE PAPER TRAY.
- DO NOT FORCE IT DOWN INTO THE FEED SLOT.



Note: Do not use paper that has already been printed on, or paper that is curled.



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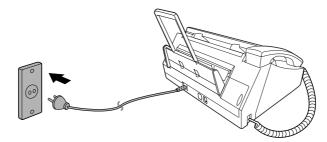
Connecting the Power Cord

Connecting the Power Cord

Plug the power cord into a 220-230 V, 50 Hz, earthed AC (2-prong) outlet.

Caution!

- Make sure you have removed all of the packing tape before plugging in the power cord (see page 11). Plugging in the power cord without doing so may damage the machine.
- The power outlet must be installed near the equipment and must be easily accessible.



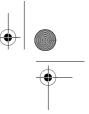
The machine does not have a power on/off switch, so the power is turned on and off by simply plugging in or unplugging the power cord.

"CHECK CARTRIDGE" normally appears in the display the first time you plug in the machine. This message appears until you install the print cartridge.

Note: If your area experiences a high incidence of lightning or power surges, we recommend that you install surge protectors for the power and telephone lines. Surge protectors can be purchased at most telephone specialty stores.



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Installing the Print Cartridge

Installing the Print Cartridge

Follow these steps to install or replace the print cartridge.

When replacing the print cartridge, be sure to use a SHARP UX-C70B cartridge.

Print cartridge yield (at 4% coverage)

Initial cartridge

Quality mode OFF: Approx. 300 A4 pages Quality mode ON: Approx. 200 A4 pages

Replacement cartridge (SHARP UX-C70B)

Quality mode OFF: Approx. 600 A4 pages Quality mode ON: Approx. 400 A4 pages

Quality mode is initially turned off. To turn on Quality mode, see page 21.

Caution!

Do not open the print compartment cover or insert your hand in the machine while it is printing.

Note: Keep print cartridges sealed in their packages until you are ready to install them. It is recommended that you do not use a cartridge that has been left unused for a long time after opening, as the print quality may be considerably degraded.

- Make sure the machine's power cord is plugged in and paper is loaded before installing or replacing the print cartridge.
- If a document is inserted in the feeder, remove the document before installing or replacing the print cartridge (see page 39).

If PRINTER ERROR or PRINTER ERROR/CHECK PAPER appears... In the event that the display shows either of the above messages, you must clear the error before installing the print cartridge. The error can usually be cleared by pressing STOP

(igodot), or if a paper jam has occurred, by removing the paper jam (see page 105).

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2 Open the operation panel.

Installing the Print Cartridge

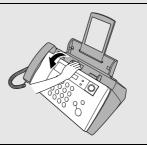
Display:

REPLACE INK &

PRESS INK KEY



1 Press Or ATRONE. • Make sure the handset is on its cradle. If the handset is not on the cradle, pressing $\overset{\mbox{\tiny PATRONE}}{\bigcirc}$ will have no effect. • The print cartridge holder moves to the cartridge replacement position.

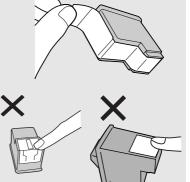




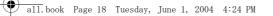
4 Remove only the tape from the new cartridge.

 ${old 3}$ Open the print compartment cover.

- Important: Make sure you remove all of the tape.
- CAUTION! DO NOT touch the gold contact area on the cartridge.



17

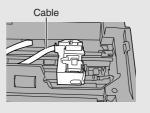


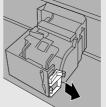
Installing the Print Cartridge

5 Make sure the cartridge holder has moved slightly away from the right side of the compartment, and then pull the green lever and open the cartridge holder cover.

- If you are replacing the cartridge, remove the old cartridge. If you are going to use the old cartridge again, place it in an air-tight container.
- CAUTION! DO NOT touch the contact area inside the cartridge holder, or pull on the cable that is connected to the cartridge holder.

Note: If the print compartment cover is left open for approximately 30 minutes with a cartridge installed, the cartridge will automatically return to its home position. To make the cartridge return to the cartridge replacement position when this has happened, press



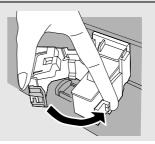


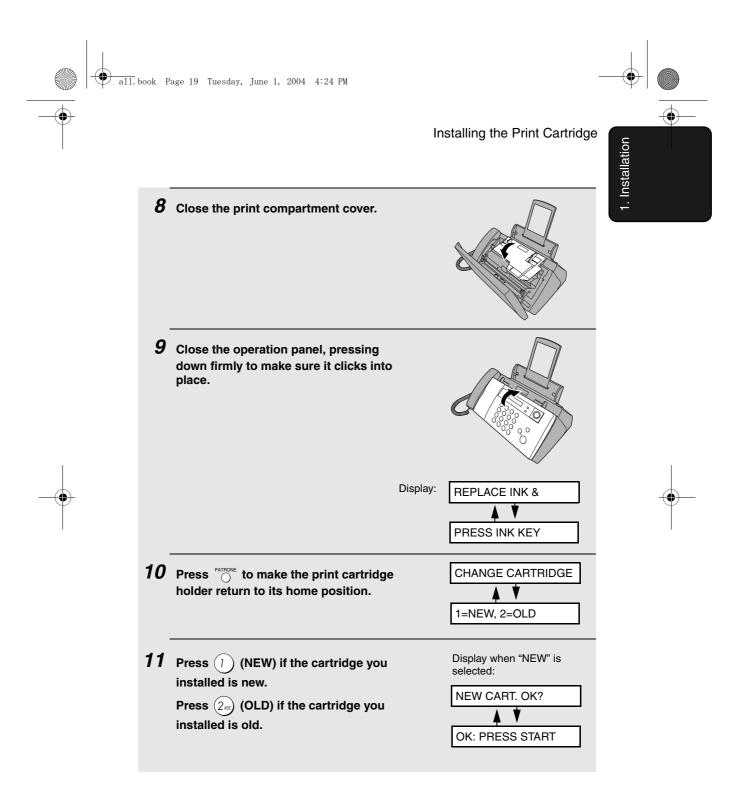


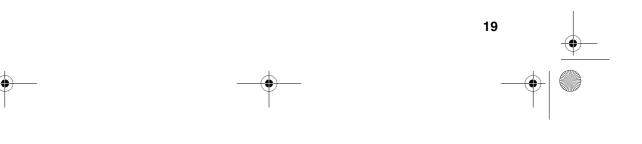
6 Insert the new print cartridge into the cartridge holder.

7 Place your index finger on the tab as shown and close the cartridge holder cover with your thumb. Make sure the cover clicks into place.









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	Installing the Print Cartridge	
	12 Press SPECHER ↓ If you selected "OLD" in the previous step, this completes the installation procedure. (Note: If you find that print quality is not satisfactory after reinstalling the old cartridge, align the cartridge as explained on page 92.) If you selected "NEW", the display will show the alternating messages at right. Continue with the following steps to align the print cartridge. Display when "NEW" is selected: Lisplay when "NEW" i]
-•	 13 Press 1 to print an alignment page. (To enter an alignment value without printing an alignment page, press 2) 14 In the alignment page that the machine prints, locate the line that comerclosest to forming a completely straight line. 	s
	ALIGNMENT TEST SHEET STUDY THIS ALIGNMENT TEST SHEET AND DECIDE WHICH SAMPLE NUMBER Shows the most evenly printed ink line.	
I	In this example, "15" comes closest to forming a straight line. After the alignment page printed, the display shows	
	20	•

	book P	age 21 Tuesday, June 1, 2004 4:24 PM	
-		Installing the Print Cartridge	1. Installation
	15	Press the number keys to enter the number of the straightest line.	1. Ins
		Example: 1 (5.x)	
		• If you make a mistake, press 🛞 and then repeat the entry.	
	16	Press (1).	
		This completes the alignment procedure.	
		Note: If at any time the display shows the alternating messages at right, check the printing paper. If the tray is empty, add paper. If there is paper in the tray, take it out and then reinsert it.	
-•		When you are finished, press	

Quality mode(using more/less ink)

If you prefer a higher quality image when printing faxes and copies, turn on Quality mode. If you wish to use less ink or speed up ink drying time, turn off Quality mode.

• Quality mode is initially turned off.

	1 Press F once and $$ twice.	Display: PRINT SET-UP
	2 Press $\overline{\mathbb{P}}^{\mathbb{A}}$ once and $\underline{\mathbb{P}}^{\mathbb{A}}$ twice.	QUALITY MODE
_	3 Press $\overline{\mathbb{P}^{\lambda}}$ once.	1=0N, 2=0FF
		21

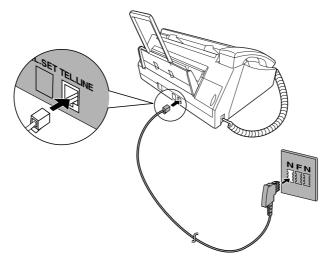
I.book P	age 22 Tuesday, June 1, 2004 4:24 PM			
Instal	ling the Print Cartridge		-	•
	Press 1 to turn on Quality mode, or 2 to turn it off. Press STOP to return to the date and time display.	The display briefly shows your selection, then:		
	h-quality fax print setting (fast/slow pr The high-quality fax print setting controls the speed at If you prefer a higher quality image at a slower printir	which faxes are printed.		
	 setting. If you prefer a faster printing speed over imagesetting. Note: This setting only affects the printing speed. It camount of ink used. The high-quality fax print setting is initially turned of a se	loes not affect the	-	•
1 2	Press \overline{F} once and $\overleftarrow{\pm}$ twice. Press \overrightarrow{P} once and $\underbrace{\overline{\pm}}$ 3 times.	PRINT SET-UP HQ FAX PRINT	-	
3	Press 🖗 once.	1=YES, 2=NO		
4	Press 1 to turn on high-quality fax print, or $2^{(0)}$ to turn it off.	The display briefly shows your selection, then:		
5	$\mathbf{Press} \bigoplus^{STOP} \mathbf{to} \ \mathbf{return} \ \mathbf{to} \ \mathbf{the} \ \mathbf{date} \ \mathbf{and} \ \mathbf{time} \ \mathbf{display}.$			
22	φ		- - 4 4	
_				

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Connecting the Telephone Line Cord

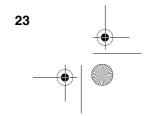
Connecting the Telephone Line Cord

Insert one end of the line cord into the socket on the back of the machine marked **TEL. LINE**. Insert the other end into a wall telephone socket.



• Note for Germany:

In Germany, the machine is supplied with a N-coded line cable, enabling you to use an extension (cordless) telephone on the same line. If you don't have the standard NFN-outlet of TELEKOM, you can purchase an NFN-adapter at your retailer.



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Connecting the Telephone Line Cord

Other devices

If desired, you can use an answering machine or an extension telephone on the same line as your fax. The answering machine or extension telephone can be connected directly to the **TEL. SET** socket on your fax (note that this socket is not available in some countries), or to another wall socket.

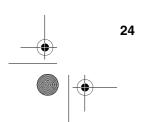
- Connecting an answering machine to the fax or a wall socket will allow you to receive both voice and fax messages on the same line while you are out. For details on using this feature, see Chapter 5.
- You can use an extension phone connected to the fax or a wall socket to make and receive calls like any normal telephone. For details on receiving faxes from the extension phone, see Chapter 3.

Germany:

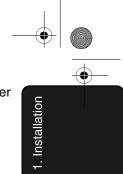
The **TEL. SET** socket is not available on the fax. We recommend that you plug the answering machine line cable into the right connector of the TAE wall outlet, a (e.g.: cordless) telephone into the middle connector and fax line cord into the left connector.

Switzerland, Austria:

An extension phone cannot be used. An answering machine can be used if it is connected to a wall socket (the **TEL. SET** socket is not available).



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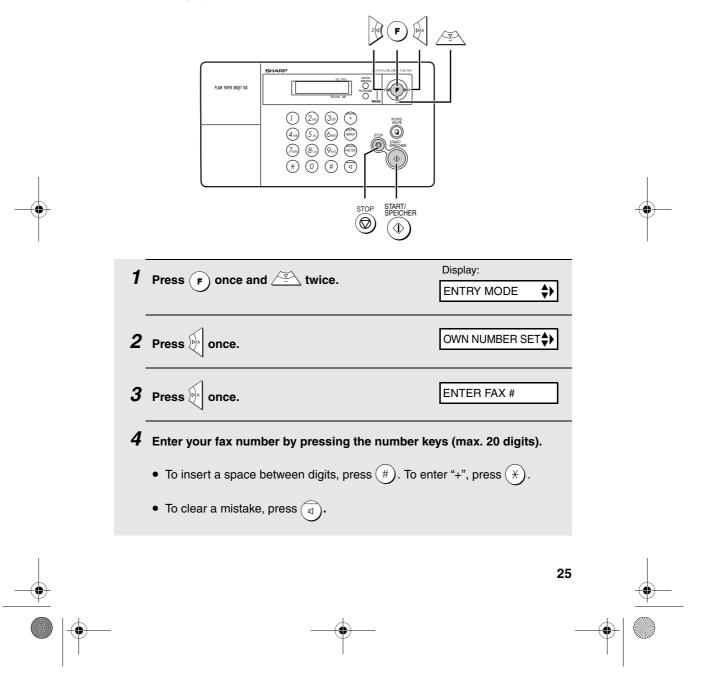


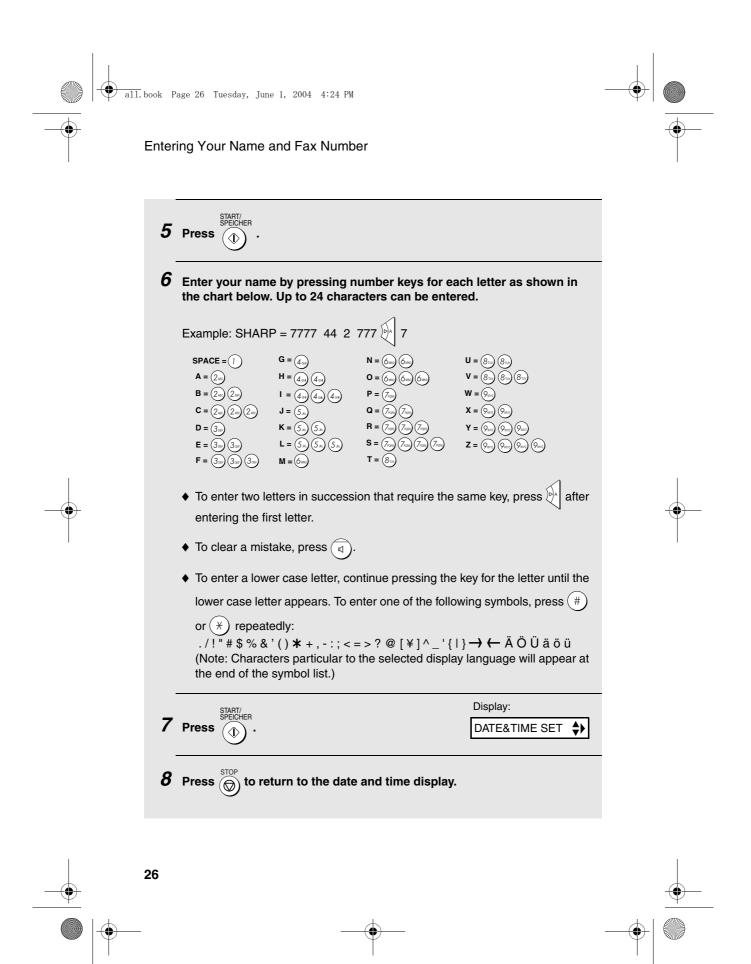
Entering Your Name and Fax Number

Entering Your Name and Fax Number

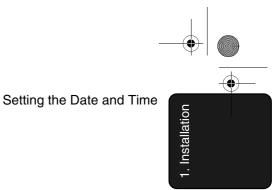
Before you begin sending faxes, enter your name and fax (telephone) number. You also need to set the date and time.

Once you enter this information, it will automatically appear at the top of each fax page you send.



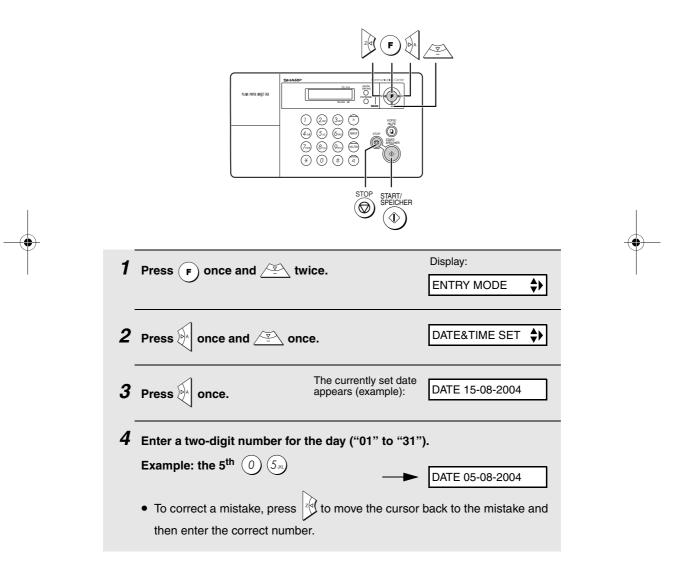


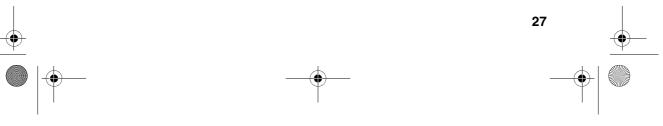
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Setting the Date and Time

The date and time appear in the display and are printed at the top of every page you fax. Set the date and time as shown below.



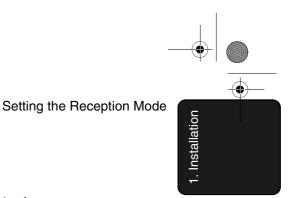


	rage 28 Tuesday, June 1, 2004 4:24 PM	
5	Enter a two-digit number for the month ("01" for January, "02" for February, "12" for December, etc.). Example: January (0) (1) DATE 05-01-2004	
6	Enter the year (four digits). The currently set time appears (example): Example: 2004 (2xc) (0) (0) (4xc) TIME 12:19	
7	Enter a two-digit number for the hour ("00" to "23") and a two-digit number for the minute ("00" to "59"). Example: 9:25 ① ② (2xc) ③ (5xc)	
8	Press to start the clock.	
 9	Press \bigotimes^{STOP} to return to the date and time display.	•

Note: The time setting will change automatically at the beginning and end of summertime.



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Setting the Reception Mode

The machine has four modes for receiving incoming faxes:

FAX mode:

Select this mode when you only want to receive faxes on your line. The fax machine will automatically answer all calls and receive incoming faxes.

TEL mode:

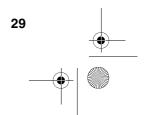
This mode is the most convenient for receiving phone calls. Faxes can also be received; however, all calls must first be answered by picking up the fax's handset or an extension phone connected to the same line.

TEL/FAX mode:

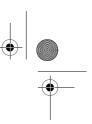
This mode is convenient for receiving both faxes and voice calls. When a call comes in, the fax will detect whether it is a voice call (including manually dialled faxes), or an automatically dialled fax. If it is a voice call, the fax will make a special ringing sound to alert you to answer. If it is an automatically dialled fax, reception will begin automatically.

A.M. mode:

Use this mode only if you have connected an answering machine to the fax (see Chapter 5). Select this mode when you go out to receive voice messages in your answering machine and faxes on your fax machine.



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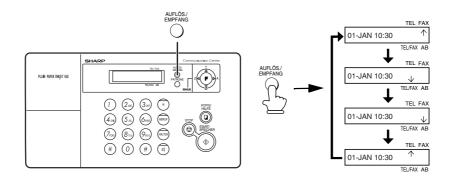
Setting the Reception Mode

•

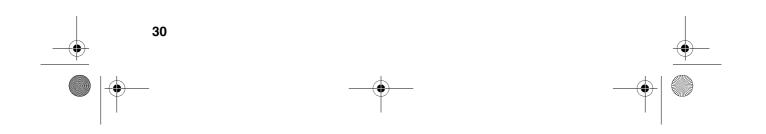
Setting the reception mode

Make sure a document is not loaded in the document feeder, and then

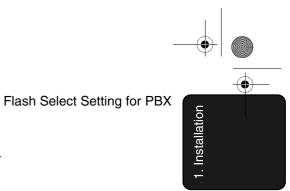
press $\bigcup_{i=1}^{AUFLOS}$ until the arrow in the display points to the desired mode.



For more information on receiving faxes in FAX, TEL and TEL/FAX modes, see Chapter 3. For more information on using A.M. mode, see Chapter 5.



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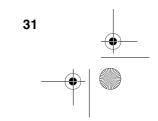


Flash Select Setting for PBX

Note: This setting is normally only used in Germany. In other countries, you can try changing the setting if you encounter difficulty with the default setting.

If your fax machine is connected to a PBX and the PBX uses the "Flash" method to connect to an outside line, you must select the appropriate Flash Select setting depending on whether your PBX line is a normal telephone line or a high-speed line.

1	Press (F) once and $\stackrel{\checkmark}{}$ 3 times.	Display: OPTION SETTING ♣▶
2	Press $\overline{\mathbb{A}}$ once and $\overline{\mathbb{A}}$ 7 times.	FLASH SELECT
3	Press Da once.	1: SHORT TIME
4	Select (1) (SHORT TIME) if your PBX line is a normal telephone line. Select (2) (LONG TIME) if your PBX line is a high-speed line.	The display briefly shows your selection, then:



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•

Setting the Display Language

Setting the Display Language

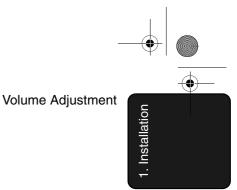
If desired, you can change the language used in the display, reports and lists. Press the keys on the operation panel as follows:

1	Press (F) once and $\xrightarrow{\checkmark}$ 3 times.	Display: OPTION SETTING ♣▶
2	Press $\overline{\mathbb{P}^{A}}$ once and $\underline{\mathbb{P}^{A}}$ 8 times.	LANGUAGE
3	Press 🕅 once.	
4	Press \overbrace{a}^{+} or $\overbrace{\underline{a}}^{-}$ until the desired language a	appears in the display.
5	Press (1) .	
	 The machine will beep and the display will change language. 	to the selected
6	$ \label{eq:press} \textbf{Press} \bigoplus^{\text{STOP}} \textbf{to return to the date and time display.} $	



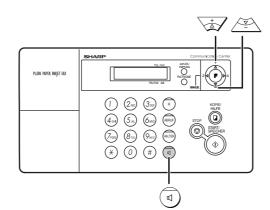
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•

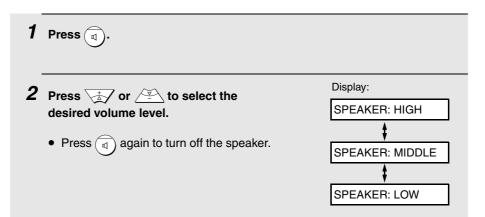


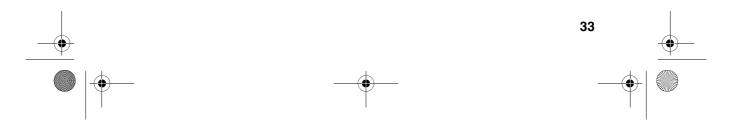
Volume Adjustment

You can adjust the volume of the speaker and ringer using the up and down arrow keys.



Speaker

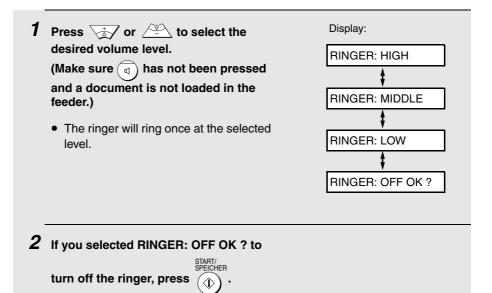




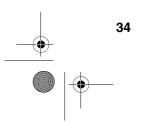
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Volume Adjustment

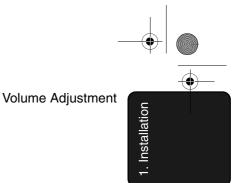
Ringer



Note: When the reception mode is set to TEL, the ringer will still ring at LOW if turned off.



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Error beep off

The machine normally sounds three beeps to alert you when an error occurs during transmission, reception, or copying. The machine also sounds a double-beep when you press an invalid key on the operation panel. If you wish to turn off the error beep, follow the steps below.

1	Press F once and $\angle \overline{\underline{\nabla}}$ 3 times.	Display:
2	Press $\overline{\mathbb{A}}$ once and $\overline{\mathbb{A}}$ 3 times.	ERROR BEEP
3	Press 🕅 once.	1=YES, 2=NO
4	Press (1) to turn on the error beep or	The display briefly shows your selection, then:
	(2.sc) to turn off the error beep.	END BEEP
5	$\mathbf{Press} \bigotimes^{\mathrm{STOP}} \mathbf{to return to the date and time display.}$	

End beep off

The fax machine normally sounds one long beep when transmission, reception, or copying ends normally. If you wish to turn off the end beep, follow the steps below.

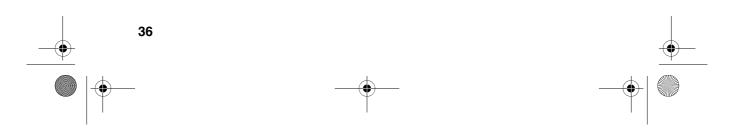
	1	Press \mathbf{F} once and \mathbf{F} 3 times.	Display: OPTION SETTING ♣▶	
	2	Press b_{A} once and \sum_{a} twice.	END BEEP	
			35	
•				

	Page 36 Tuesday, June 1, 2004 4:24 PM ne Adjustment		•	
3	Press by once.	1=YES, 2=NO		
4	Press 1 to turn on the end beep or 2_{ss} to turn off the end beep.	The display briefly shows your selection, then:		
5	Press or return to the date and time display.			

Key tone off

The fax machine normally sounds a beep (key tone) each time you press a key on the operation panel. If you wish to turn off the key tone, follow the steps below.

1	Press F once and $\xrightarrow{\nabla}$ 3 times.	Display: OPTION SETTING ♣▶
2	Press $\overline{\mathbb{A}}$ once and $\overline{\mathbb{A}}$ once.	KEY TONE
3	Press 🕅 once.	1=YES, 2=NO
4	Press 1 to turn on the key tone or $2 + 5 = 1$ to turn off the key tone.	The display briefly shows your selection, then:
5	Press or return to the date and time display.	



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Transmittable Documents

Size and weight

Minimum document size:

Minimum size

Minimum weight



52 g/m²

Maximum document size:

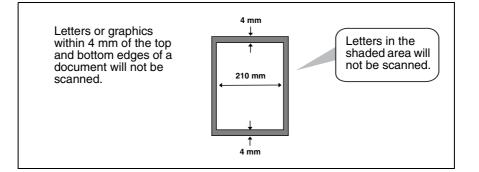
The maximum size and weight of documents that you can load in the document feeder depend on how many sheets you load.

10 sheets at once:

Size: A4 (210 x 297 mm) **Weight:** 80 g/m²

1 sheet at a time (manual feeding):

Size: 210 x 600 mm **Weight:** 157 g/m²







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Loading the Document

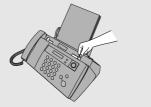
Other restrictions

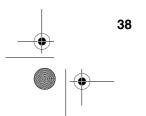
- The scanner cannot recognise yellow, greenish yellow, or light blue ink.
- Ink, glue, and correcting fluid on documents must be dry before they pass through the document feeder.
- All clips, staples, and pins must be removed from documents before loading in the feeder. If these are not removed, they may damage the machine.
- Documents which are patched, taped, torn, smaller than the minimum size, carbon backed, easily smudged, or have a slick coated surface should be photocopied, and the copy loaded in the feeder.

Loading the Document

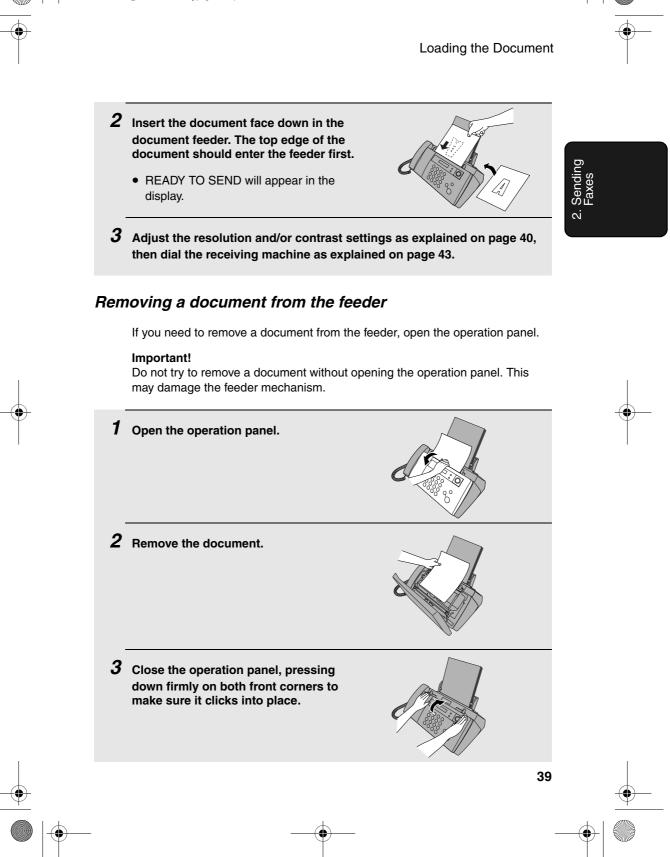
Up to 10 A4-size sheets can be placed in the feeder at once. The sheets will automatically feed into the machine starting from the bottom sheet.

- If you need to send or copy more than the maximum number of sheets, place the additional sheets gently and carefully in the feeder just before the last sheet is scanned. Do not try to force them in, as this may cause doublefeeding or jamming.
- If your document consists of several large or thick sheets which must be loaded one at a time, insert each sheet into the feeder as the previous sheet is being scanned. Insert gently to prevent double-feeding.
- **1** Adjust the document guides to the width of your document.

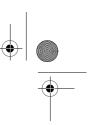




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Adjusting the Resolution and Contrast

Adjusting the Resolution and Contrast

If desired, you can adjust the resolution and contrast before sending a document.

- The default resolution setting is STANDARD and the default contrast setting is AUTO.
- You must adjust the settings each time you don't want to use the default settings.

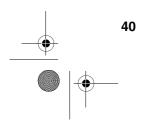
Note: The resolution and contrast settings are only effective for sending a document. They are not effective for receiving a document.

Resolution settings

STANDARD	Use STANDARD for ordinary documents. This setting gives you the fastest and most economical transmission.
FINE	Use FINE for documents containing small letters or fine drawings.
SUPER FINE	Use SUPER FINE for documents containing very small letters or very fine drawings.
HALF TONE	Use HALF TONE for photographs and illustrations. The original will be reproduced in 64 shades of gray.

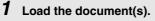
Contrast settings

AUTO	Use AUTO for normal documents.
DARK	Use DARK for faint documents.

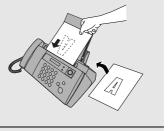


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Adjusting the Resolution and Contrast



- The document must be loaded before the resolution and contrast can be adjusted.
- **2** Press One or more times until the desired resolution and contrast settings appear in the display.
 - The first time you move through the list of resolution settings, the contrast setting AUTO will appear next to each resolution setting. The second time you move through the list, the contrast setting DARK will appear.



:AUTO

:AUTO

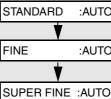
:AUTO

:DARK

:DARK

:DARK





HALF TONE

STANDARD

HALF TONE

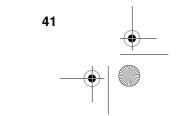
SUPER FINE :DARK

FINE

Display:



Note: In order to transmit in SUPER FINE resolution, the receiving fax machine must also have that resolution. If it doesn't, your machine will automatically step down to the next best available setting.



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 $(\mathbf{\Phi})$

Adjusting the Resolution and Contrast

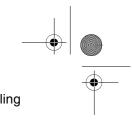
Changing the default resolution

If desired, you can change the default resolution for faxing documents to FINE. Follow the steps below.

1	Press F once and $\xrightarrow{\mathbb{Y}}$ 3 times.	Display: OPTION SETTING ♣▶
2	Press by once.	
3	Press 🔊 once.	1=YES, 2=NO
4	Press 1 to set the default resolution	The display briefly shows your selection, then:
	to FINE, or $2^{(3)}$ to set it to STANDARD.	NUMBER OF RING ↓
5	Press \bigotimes^{STOP} to return to the date and time display.	



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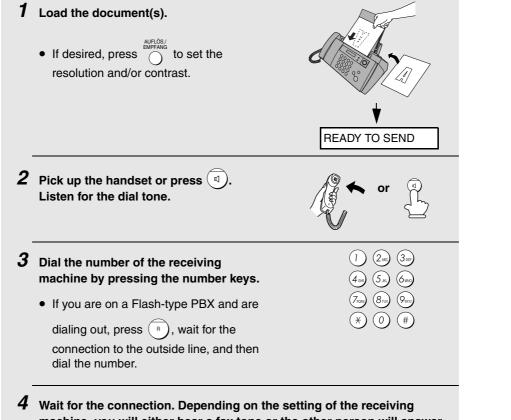


Sending a Fax by Normal Dialling

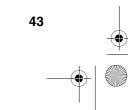
Sending a Fax by Normal Dialling

With Normal Dialling, you pick up the handset (or press d) and dial by pressing the number keys.

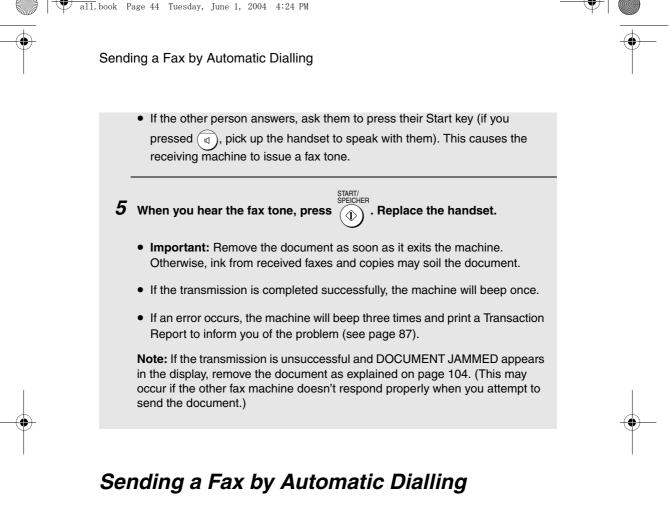
- If a person answers, you can talk with them through the handset before sending the fax. (If you pressed
 q), you must pick up the handset to talk.)
- 2. Sending Faxes
- Normal Dialling allows you to listen to the line and make sure the other fax machine is responding.



machine, you will either hear a fax tone or the other person will answer.



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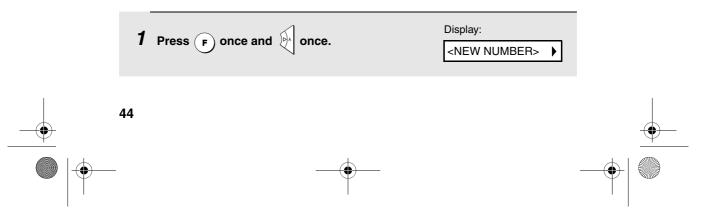


You can store your most frequently dialled fax or phone numbers in the machine for automatic dialling. Up to 30 numbers can be stored.

♦ Auto-dial numbers are dialled by pressing

appears in the display, and then

Storing fax and phone numbers for automatic dialling



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ENTER FAX #

Sending Faxes

с.

2 Press $\mathbb{P}_{\mathbb{A}}$ once. 3 Enter the fax or phone number by pressing the number keys. Up to 32 digits can be entered. (Note: A space cannot be entered.)

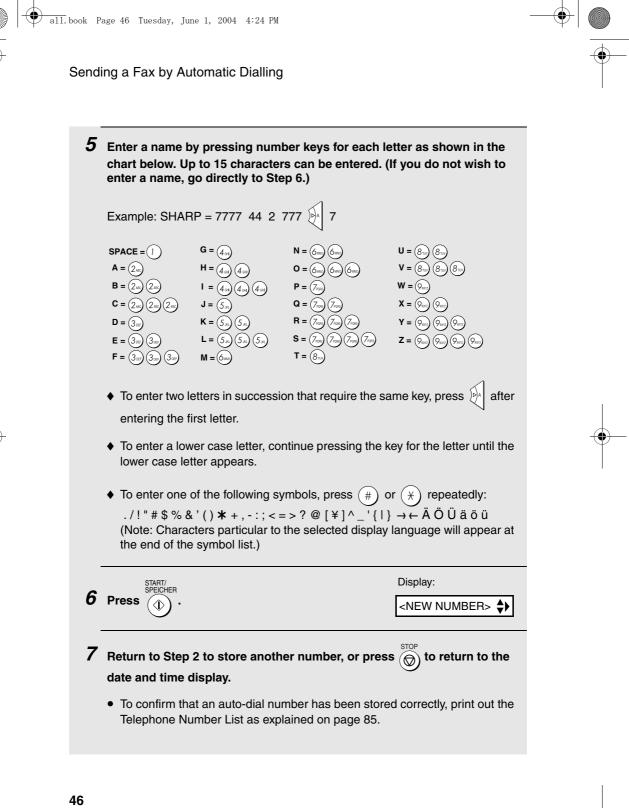
- To clear a mistake, press (
- If a pause is required between any of the digits to access a special service or an outside line, press (\mathbf{F}). The pause appears as a hyphen. Several pauses can be entered in a row.
- If you are on a Flash-type PBX and are storing a number for an outside line,

press (\mathbf{F}), press (\mathbf{F}) to insert a pause, and then enter the fax or voice number. (When you dial the auto-dial number, you will automatically dial out without the need to press the (R) key.)

• If you are on a PBX that requires dialing a number to dial out and are storing a number for an outside line, enter the number, press (${f r}$) to insert a pause, and then enter the number of the receiving machine. (When you dial the auto-dial number, you will automatically dial out without the need to dial the number for an outside line.)

4 Press

45



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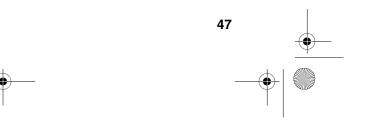
•

Sending a Fax by Automatic Dialling

Editing and clearing auto-dial numbers

If you need to make changes to a previously stored auto-dial number, or clear a number, follow these steps:

	a number, follow these steps.		ling s	
1	Press \mathbf{F} once and \mathbf{F} once.	Display: <new number=""> ♣▶</new>	2. Sending Faxes	
2	Press \checkmark or \checkmark until the number that you appears in the display.	wish to edit or clear		
3	Press Da .	1=EDIT, 2=CLEAR		
4	Press () for EDIT or (2.65) for CLEAR.			I
	• If you selected CLEAR, go to Step 8.			•
5	If you selected EDIT, make the desired changes t	o the number.		
	• Press or by to move the cursor to the digit of	r digits you wish to		
	change, and then enter the new digit. The new dig digit.	jit will replace the old		
	If you do not wish to change the number, go direc	tly to Step 6.		
6	Press $\underbrace{\overset{\text{START/}}{\bigoplus}}_{\bigcirc}$.			



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7 Make the desired changes to the name.

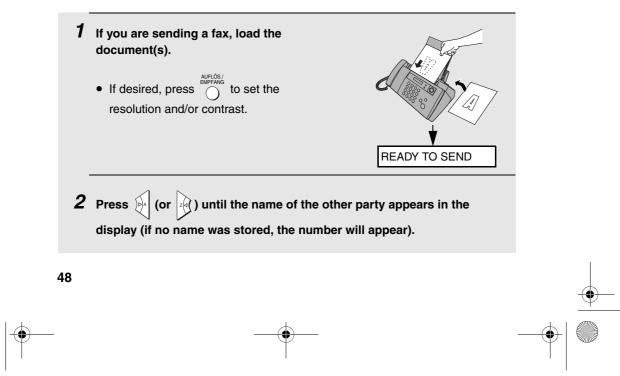
- Press or by to move the cursor to the letter or letters you wish to change, and then press the appropriate number key repeatedly until the desired letter appears (see Step 5 on page 46). The new letter will replace the old letter.
- If you do not wish to change the name, go directly to Step 8.



9 Return to Step 2 to edit or clear another number, or press of to return to the date and time display.

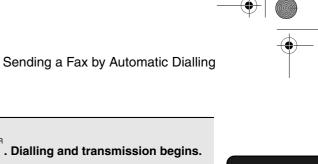
Using an auto-dial number

Once you have stored a fax or phone number, you can use it to send a fax or make a phone call.



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3 If you are sending a fax, press



Sending Faxes

с.

• **Important:** Remove the document as soon as it exits the machine. Otherwise, ink from received faxes and copies may soil the document.

 \bigcirc

- If the transmission is completed successfully, the machine will beep once.
- If an error occurs, the machine will beep three times and print a Transaction Report to inform you of the problem (see page 87).

If you are making a phone call, lift the handset. Dialling begins. (If you

lifted the handset before searching for the number, press dialling.)

Sending a fax by Direct Keypad Dialling

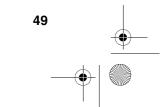
You can also enter a full number with the number keys and then press the START/ SPEICHER (①) key to begin dialling. You can use this method to dial a full number

when you don't need to speak to the other party before faxing.

1 Load the document(s).

• If desired, press $\bigcirc^{\frac{\text{EMPFANG}}{O}}$ to set the resolution and/or contrast.





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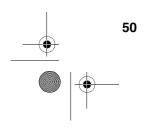


2 Enter the number of the receiving machine by pressing the number keys.

- If a pause is required between any of the digits to access a special service or an outside line, press (F). The pause will appear as a hyphen. Several pauses can be entered in a row.
- If you are on a Flash-type PBX and are dialing out, press , press , press to insert a pause, and then enter the number of the receiving machine.
- If you are on a PBX and must dial a number to dial out, enter the number, press rot insert a pause, and then enter the number of the receiving machine.
- **3** Check the display. If the number of the receiving machine shown is



If the number is not correct, press of to backspace and clear one digit at a time, and then re-enter the correct digit(s).



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Sending a Fax by Automatic Dialling

Redial

You can automatically redial the last number dialled on the fax machine. This procedure can be used to send a fax or make a phone call.

- **1** If you are sending a fax, load the document(s).





2 Press once. <REDIAL> appears in the display, followed by the last number dialled. Make sure the number that appears is the number you wish to dial.

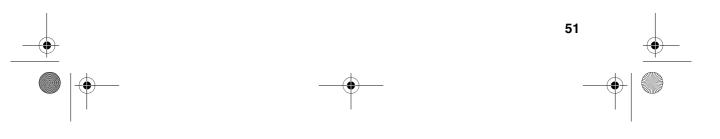
3 If you are sending a fax, press \bigcirc . Dialling begins.

If you are making a phone call, lift the handset. Dialling begins.

Note: If the transmission is unsuccessful and DOCUMENT JAMMED appears in the display, remove the document as explained on page 104. (This may occur if the other fax machine doesn't respond properly when you attempt to send the document.)

Automatic redialling

If you use automatic dialling (including Direct Keypad Dialling) to send a fax and the line is busy, the fax machine will automatically redial the number. The fax machine will make three redial attempts at intervals of five minutes. During this time, RECALLING will appear in the display, followed by a two-digit number assigned to the fax job. You will not be able to dial any other locations while the message appears.



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Sending a Fax by Automatic Dialling

- \blacklozenge You can press \bigotimes^{STOP} to clear the message and stop automatic redialling.
- Under certain conditions (for example if a person answers the call on a telephone), automatic redialling may stop before three redialling attempts are made.

Error Correction Mode

The fax machine is set to automatically correct any distortions in a transmission due to noise on the telephone line before printing at the receiving end. This function is called Error Correction Mode (ECM). ECM is effective for both transmissions and receptions, and is only effective when the other fax machine has ECM as well.

When there is considerable noise on the line, you may find that transmission with ECM turned on takes longer than normal. If you prefer a faster transmission time, you can try turning ECM off.

1	Press F once and $\angle \overline{\underline{\nabla}}$ 3 times.	Display: OPTION SETTING ♣▶
2	Press $\overline{\mathbb{P}_{4}}$ once and $\overline{\mathbb{P}_{4}}$ 4 times.	ECM MODE
3	Press DA once.	1=YES, 2=NO
4	Press 1 to select YES, or $2 + 5$ to select NO.	The display briefly shows your selection, then:
5	Press of to return to the date and time display.	



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Batch Page Numbering

Batch Page Numbering

You can change the page numbering of the transmitted document from simple numbering ("P.01", "P.02", etc.) to batch numbering, which means that a slash and the total number of pages being sent are added after each page number (for example, "P. 01/05", "P.02/05", etc.). This allows the recipient to check for missing pages.



Load the document(s).	
2 Press \mathbf{F} once and \mathbf{F} once.	Display: PAGE COUNTER
3 Press A once.	ENTER # (01 - 99)
 Enter the total number of pages ("01" to "skeys. Example: 5 pages 0 5_{sk} 	99") by pressing the numeric
5 If desired, press	and/or contrast.
 Dial the receiving machine and send the fat If you need to cancel a batch number entry, feeder or press 	
 If the number of pages actually transmitted number entered, the alarm will sound and f appear in the display. PAGE E. will also app 	PAGE COUNT ERROR will
Transaction Report if printed.	
Transaction Report if printed.	53

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+

Sending a Fax From Memory

Sending a Fax From Memory

You can scan a document into the fax's memory and send the document from memory. This increases transmission speed and allows you to send a fax to multiple destinations in a single operation. After transmission, the document is automatically cleared from memory.

Note: If a power failure occurs while sending a fax from memory, you will need to repeat the operation.

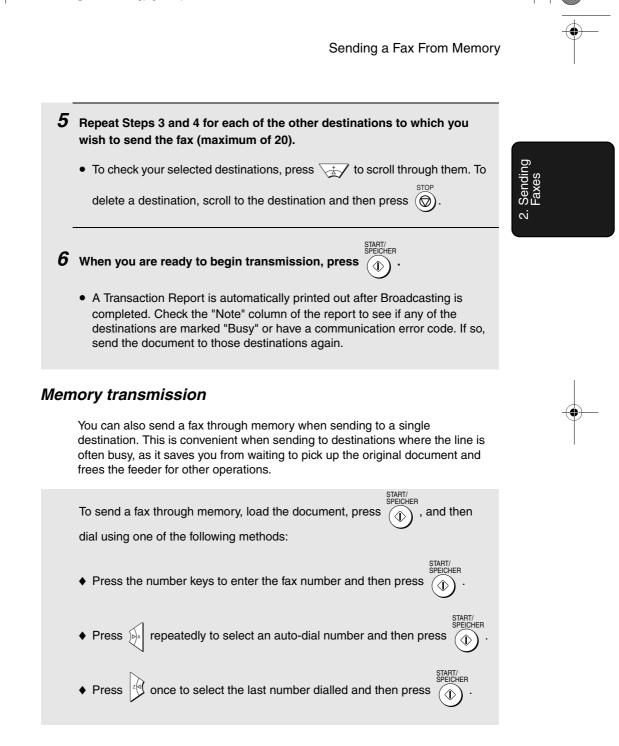
Broadcasting (sending a fax to multiple destinations)

This function allows you to send the same fax to as many as 20 different destinations in just one operation.

When sending to multiple destinations, only auto-dial numbers can be used to dial the numbers of the receiving machines.

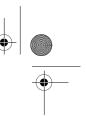
1	Load the document(s). • If desired, press of to set the resolution and/or contrast.	7
2	Press Decoder	
3	Press $\overline{\mathbb{P}_{A}}$ or $\overline{\mathbb{P}_{A}}$ until the name of the destination appears in the displaying (if no name was stored, the number will appear).	ay
4	Press $\overbrace{-}^{\underbrace{V}}$ to store the destination.	
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Sending a Fax From Memory

If the memory becomes full...

If the memory becomes full while the document is being scanned, MEMORY IS FULL will appear in the display.

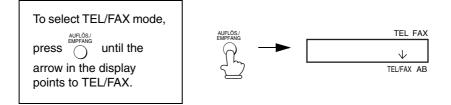
- Press if you want to transmit the pages which have been stored up to that point in memory. The remaining pages will be ejected from the feeder. After transmission, the memory will be cleared and you can transmit the remaining pages. You will also need to transmit the page which was being scanned when the memory filled up.
- \blacklozenge Press \bigotimes^{STOP} if you want to cancel the entire transmission.



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3. Receiving Faxes

Using TEL/FAX Mode

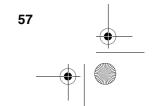


3. Receiving Faxes

When the reception mode is set to TEL/FAX, your fax machine automatically answers all calls on two rings (the number of rings can be changed as explained on page 59). After answering, your fax monitors the line for about five seconds to see if a fax tone is being sent.

- If your fax machine detects a fax tone (this means that the call is an automatically dialled fax), it will automatically begin reception of the incoming document.
- If your fax machine doesn't detect a fax tone (this means that the call is a voice call or manually dialled fax), it will make a ringing sound (called pseudo ringing) for 15 seconds to alert you to answer (the duration of pseudo ringing can be changed as explained on the following page). If you don't answer within this time, your fax will send a fax tone to the other machine to allow the calling party to send a fax manually if they desire.

Note: Only the fax will alert you to voice calls or manually dialled faxes by pseudo ringing. An extension phone connected to the same line will not ring after the connection has been established.



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Using A.M. Mode

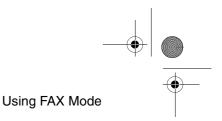
•

Pseudo Ring Duration for Tel/Fax Mode

If desired, you can change the duration of pseudo ringing in Tel/Fax mode.

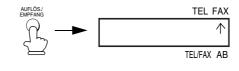
1	Press F once and $\underbrace{\checkmark}_{\underline{-}}^{\underline{\vee}}$ 3 times.	Display: OPTION SETTING ♣▶		
2	Press 🕅 once and 🖄 4 times.	PSEUDO RING		
3	Press 🕅 once.	1=15 SECONDS		
4	Enter a number as follows for the desired duration	on:		
	1) 15 seconds			
	(2 _{AF}) 30 seconds (3 _{FF}) 60 seconds	The display briefly shows your selection, then:		
	(3) 60 seconds (4) 120 seconds	QUIET TIME		
5	Press of to return to the date and time display.			
Using A.M. Mode				
	To select A.M. mode, press $\bigcup_{\text{EMPFANG}}^{\text{AUFLOS/}}$ until the arrow in t	he display points to A.M.		
	AUFLOS/ EMPFANG	TEL FAX V TEL/FAX AB		
	In A.M. mode, your fax machine will automatically read and faxes. See Chapter 5 for more details.	eceive voice messages		

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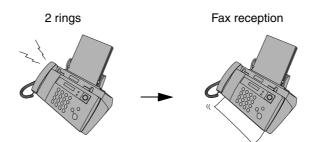
Using FAX Mode

To select FAX mode, press



When the reception mode is set to FAX, the fax machine will automatically answer all calls on two rings (the number of rings can be changed as explained below) and receive incoming faxes.

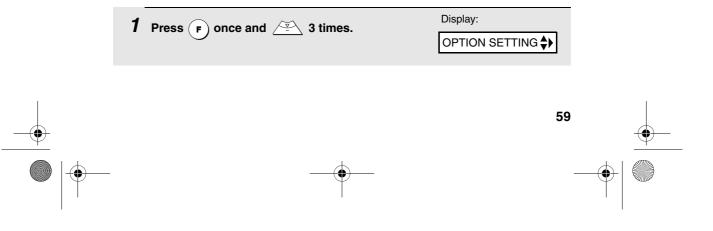




- If you pick up the handset before the machine answers, you can talk to the other party and/or receive a fax as explained in Using TEL Mode on page 60.
- Make sure the operation panel is closed, or the paper may jam when received faxes are printed.

Changing the number of rings

If desired, you can change the number of rings on which the fax machine answers incoming calls in FAX and TEL/FAX mode. Any number from 2 to 5 can be selected.

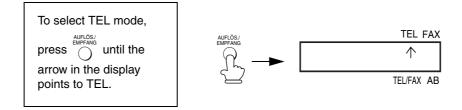


I have all, book Page 60 Tuesday, June 1, 2004 4:24 PM
Using TEL Mode

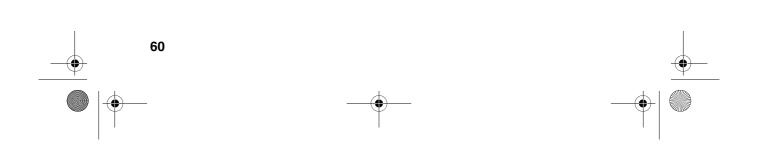
 Image: Contract of the second seco

	N	
3	Press by once.	ENTER (2-5) (2)
4	Enter the desired number of rings (any number from 2 to 5).	The display briefly shows your selection, then:
	Example: 3 rings (3)	FAX REMOTE #
5	$ \label{eq:press} \textbf{Press} \bigoplus^{\text{STOP}} \textbf{to return to the date and time display.} $	

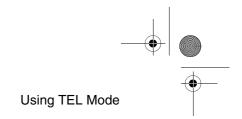
Using TEL Mode



When the reception mode is set to TEL, you must answer all calls (even faxes) by picking up the fax machine's handset or an extension phone connected to the same line.

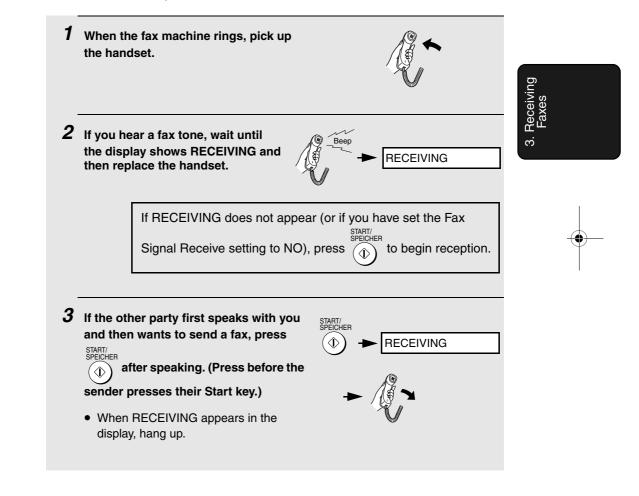


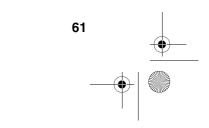
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Answering with the fax's handset

Important: If a document is loaded in the machine's feeder, remove it before performing the steps below. (Fax reception is not possible when a document is in the feeder.)





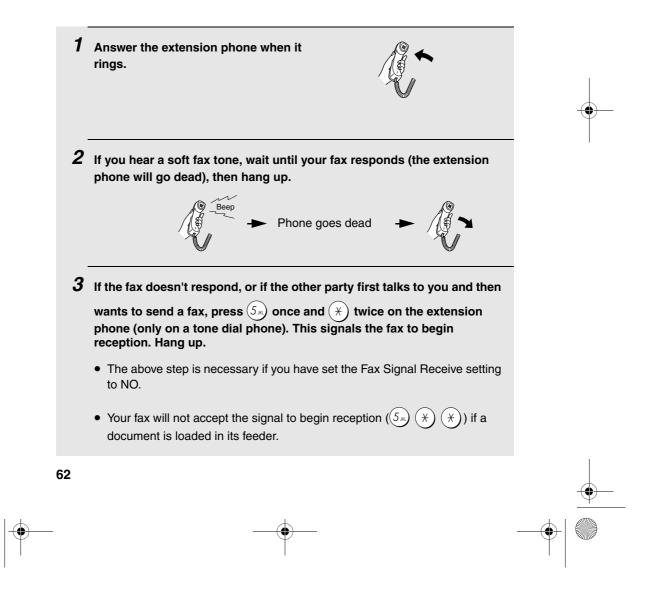
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Auto-Cordless Fax Control (answering with an extension phone in TEL mode)

Auto-Cordless Fax Control (answering with an extension phone in TEL mode)

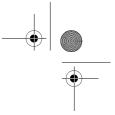
Important: If a document is loaded in the machine's feeder, remove it before performing the steps below. (Fax reception is not possible when a document is in the feeder.)

You can also start fax reception in TEL mode by answering any extension phone connected to the same line as the fax machine-even a cordless phone.



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Stiller Faxempfang



Putting a call on hold

To put the other party on hold during a phone conversation, press $\overline{(MTE)}$. When this is done, they cannot hear you. You can put the handset back in the cradle without breaking the connection. When you are ready to speak with the other party again, pick up the handset. If you did not put the handset back in the cradle, press $\overline{(MTE)}$ again to resume conversation.

Stiller Faxempfang

Sie können das Gerät auch so einstellen, das es automatisch Faxe empfängt ohne zu klingeln (stiller Faxempfang), aber z. B. Telefonanrufe durch leises Klingeln anzeigt.

Sofern Sie dies wünschen, stellen Sie mit der Taste EMPFANGSART den Modus **TEL/FAX** ein. Drücken Sie sooft die Taste LEISE, bis in der Anzeige erscheint:



Drücken Sie die Taste START/SPEICHER zum Bestätigen. Ihr Gerät wird nun alle Faxe ohne Klingelsignal empfangen. Im Falle eines Telefonanrufes wird es leise klingeln.

Sofern Sie auch das Klingeln eines Telefonanrufes unterdrücken wollen, stellen Sie vorher mit der Taste EMPFANGSART den Modus **FAX** ein. Hierbei wird das Gerät den Anruf ohne Klingeln entgegennehmen und sofort ein Faxempfangssignal senden (auch im Falle eines Telefonanrufes).

Sofern Sie Faxe still empfangen wollen und Anrufe auf einem zusätzlichen externen Anrufbeantworter leiten möchten, stellen das Gerät auf den Modus **AB**.





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Optional Reception Settings

Optional Reception Settings

Fax Signal Receive

Your fax will automatically begin reception if you hear a soft fax tone after answering a call on your fax or an extension phone. If you use a computer fax modem to send documents on the same line, you must turn this function off in order to prevent your fax from mistakenly attempting to receive documents from the computer fax modem. Follow the steps below to change the setting.

1	Press F once and $\angle \overline{\underline{Y}} $ 3 times.	Display:
2	Press b_{A} once and $\sum_{\Delta} b_{A}$ 6 times.	FAX SIGNAL RX
3	Press 🕅 once.	1=YES, 2=NO
4	Press (1) to turn on the function, or	The display briefly shows your selection, then:
	(2.sc) to turn it off.	CALLER-ID
5	Press \bigotimes^{STOP} to return to the date and time display.	



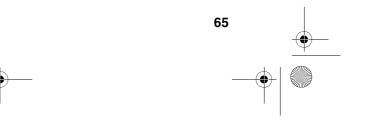
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Changing the number for remote fax activation

If desired, you can use a number other than **5** to activate fax reception from an extension telephone. You can select any number from **0** to **9**.

1	Press F once and $\stackrel{\overline{\checkmark}}{\underline{}}$ 3 times.	Display: OPTION SETTING ♣▶	
2	Press $\overline{\mathbb{A}}$ once and $\underline{\mathbb{A}}$ twice.	FAX REMOTE #	3. Receiving Faxes
3	Press 🕅 once.	ENTER (0-9) (5)	ы Н
4	Enter the desired number (any number from 0 to 9).	The display briefly shows your selection, then:	
	Example: 3.		
5	$\mathbf{Press} \bigoplus^{\mathrm{STOP}} \mathbf{to} \ \mathbf{return} \ \mathbf{to} \ \mathbf{the} \ \mathbf{date} \ \mathbf{and} \ \mathbf{time} \ \mathbf{display}.$		



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Optional Reception Settings

Reception Ratio

The fax has been set at the factory to automatically reduce the size of received documents to fit the size of the printing paper. This ensures that data on the edges of the document are not cut off. If desired, you can turn this function off and have received documents printed at full size.

- If a document is too long to fit on the printing paper, the remainder will be printed on a second page. In this case, the cut-off point may occur in the middle of a line.
- ♦ Automatic reduction may not be possible if the received document is too large, contains too many fine graphics or images, or is sent at high resolution. In this case, the remainder of the document will be printed on a second page.

1	Press \mathbf{F} once and \mathbf{F} twice.	Display: PRINT SET-UP
2	Press Da once.	RECEIVE RATIO
3	Press Da once.	1=AUTO, 2=100%
4	Press 1 to select AUTO, or 2 to select 100%.	The display briefly shows your selection, then:
5	$\mathbf{Press} \bigoplus^{STOP} \mathbf{to} \ \mathbf{return} \ \mathbf{to} \ \mathbf{the} \ \mathbf{date} \ \mathbf{and} \ \mathbf{time} \ \mathbf{display}.$	



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Substitute Reception to Memory

In situations where printing is not possible, such as when your fax runs out of paper, the print cartridge needs replacement, or the paper jams, incoming faxes will be received to memory.

When you have received a document in memory, FAX RX IN MEMORY will appear in the display, alternating with ADD PAPER & PRESS START KEY, PAPER JAMMED, OUT OF INK, or PRINTER ERROR / CHECK PAPER.

START/ SPEICHER

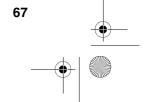
When you add paper (and press), or clear the jam, or replace the print cartridge, the stored documents will automatically print out.

♦ If you received documents in memory because the fax ran out of paper, be sure to add paper which is the same size as the paper previously used. If not, the document print-out size may not match the size of the printing paper.

Caution!

When documents are stored in memory, do not turn the power off. This will erase all of the contents.

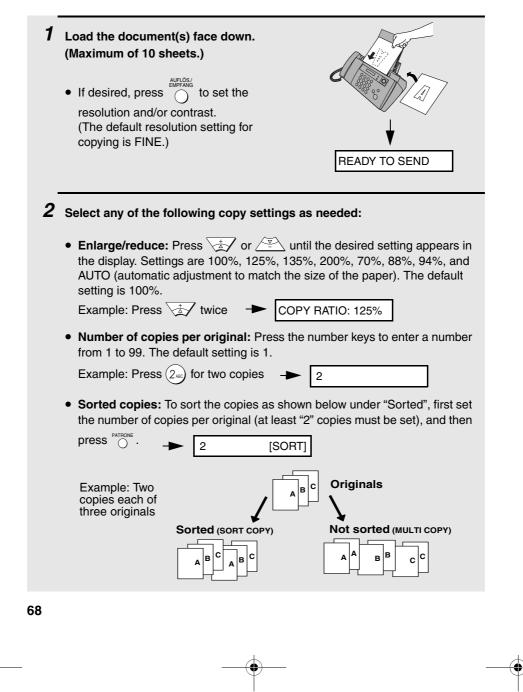




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Your fax machine can also be used to make copies. Single and multiple copies (up to 99 per original) can be made, enabling your fax to double as a convenience office copier.



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Making Copies

3 When you are ready to begin copying, press \bigcirc .

• **Important:** Remove the document as soon as it exits the machine. Otherwise, ink from the copy may soil the document.

If MEMORY IS FULL appears...

If you place a large number of originals in the feeder, the memory may become full before all pages can be scanned (the display will show MEMORY IS FULL). If this happens, only the pages that were scanned will be copied and the remaining pages will automatically feed out. Repeat the copy procedure for the remaining pages, including the page that was being scanned when the memory became full.

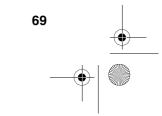
KOPIE/ HILFE

Note: It may not be possible to make a copy of an original if a high resolution setting is used and/or the original contains so much detailed content that the memory becomes full before scanning finishes.



When making a copy of a document that is longer than the printing paper, use the copy cut-off setting to select whether the remaining part of the document will be cut off or printed on a second page. The initial setting is YES (cut off the remainder). To change the setting, follow the steps below.

1	Press F once and * twice.	Display: PRINT SET-UP ◆
2	Press $\overline{\mathbb{P}^{1}}$ once and $\underline{\mathbb{P}^{2}}$ once.	COPY CUT-OFF
3	Press DA once.	1=YES, 2=NO



4. Making Copies

al.	1. book – F	Page 70 Tuesday, June 1, 2004 4:24 PM		
	Makii	ng Copies		-
	4 5	Press 1 to set copy cut-off to YES (the remaining part of the document will not be printed), or 2 to set copy cut-off to NO (the remaining part will be printed on a second page). Press 0 to return to the date and time display.	The display briefly shows your selection, then:	
	Higl	 h-quality copy setting (fast/slow printin The high-quality copy setting controls the speed at whyou prefer a higher quality image at a slower printing setting. If you prefer a faster printing speed over image setting. Note: This setting only affects the printing speed. It camount of ink used. 	nich copies are printed. If speed, turn on this ge quality, turn off the	
I	1	 The high-quality copy setting is initially turned off. Press (F) once and twice. 	Display: PRINT SET-UP ◆►	
	2	Press 🕅 once and 🛣 3 times.	HQ COPY	
	3	Press 🕅 once.	1=YES, 2=NO	
	4	Press 1 to turn on high-quality copy, or 2 to turn it off.	The display briefly shows your selection, then:	
	5	$\mathbf{Press} \bigoplus^{\mathrm{STOP}} \mathbf{to} \ \mathbf{return} \ \mathbf{to} \ \mathbf{the} \ \mathbf{date} \ \mathbf{and} \ \mathbf{time} \ \mathbf{display}.$		
	70			



Preparations

If you have connected an answering machine to your fax as described in *Connections* in Chapter 1, you can receive both voice messages and fax transmissions on the same line while you are out. To use the connection, first change the outgoing message of your answering machine, and then set the reception mode of your fax to A.M. when you go out.

Changing the outgoing message

The outgoing message (OGM) of your answering machine should be changed to inform callers who want to send a fax to press their Start key. For example, your message might go as follows:

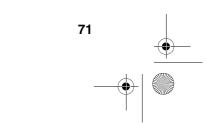
"Hello. You've reached the ABC company. No one is available to take your call right now. Please leave a message after the beep or press your facsimile Start key to send a fax. Thank you for calling."

- It is advisable to keep the length of the message under 10 seconds. If it is too long, you may have difficulty receiving faxes sent by automatic dialling.
- If your outgoing message must be longer than 10 seconds, leave a pause of about four seconds at the beginning of the message. This will give your fax a chance to detect fax tones sent when automatic dialling is used.

Using the Answering Machine Connection

When you go out, activate the answering machine connection as follows:

1 Set the reception mode to A.M.



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Using the Answering Machine Connection

2 Set your answering machine to auto answer.

- Your answering machine must be set to answer on a maximum of two rings. If not, you may not be able to receive faxes sent by automatic dialling.
- If your answering machine has a toll saver function, make sure that it will answer by the fourth ring.

Note: If your answering machine has a remote retrieval function, make sure the code used to activate remote retrieval is different from the code used to activate fax reception with an extension telephone (see page 65). If they are the same, entering the code from an outside telephone to retrieve messages will cause the fax machine to be activated.

How answering machine mode operates

While you are out, all of your incoming calls will be answered by your answering machine and its outgoing message will play. Voice callers can leave a message. During this time, your fax will quietly monitor the line. If your fax detects a fax tone or a duration of silence greater than four seconds, it will take over the line and begin reception.

- If the connection is not good or there is noise on the line, the answering machine and/or fax machine may not respond properly.
- The call counter on your answering machine may indicate that voice messages were received, when only fax messages were received.
- ◆ To prevent the fax from taking over the line and beginning reception if you call in from an external phone or answer on an extension phone, press any three keys (other than the code to activate fax reception, "5", "★", and "★") on the dial pad of the phone. This can only be performed from a phone capable of tone dialling.

When you return and turn off your answering machine, be sure to change the reception mode back to TEL/FAX ,FAX, or TEL!

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Optional A.M. Mode Settings

Optional A.M. Mode Settings

If necessary, you can use the following settings to improve the response of the answering machine connection to incoming calls.

Quiet Detect Time

This function causes the fax machine to take over the line and begin reception if a certain duration of silence is detected after the answering machine answers.

Time selections for the period of silence are 1 to 10 seconds. Quiet Detect Time has been set to 4 seconds at the factory. This gives the best performance with most answering machines; however, you may need to adjust this setting depending on the disconnect time of your answering machine.

Some answering machines may have unusually fast disconnect times (equal to or very slightly less than 4 seconds), which means that the answering machine may disconnect the line before fax reception can begin. In this case, try a Quiet Detect Time setting of about 3 seconds.

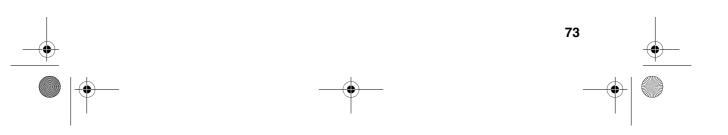
If the fax machine is interrupting callers before they can leave a message, try a longer Quiet Detect Time setting. If your outgoing message includes a period of silence, make sure that the setting is longer than that period of silence, or re-record your outgoing message to shorten the silence.



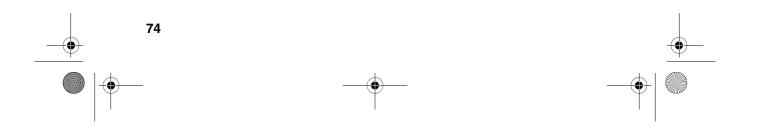
Note: Quiet Detect Time can be turned off by entering "00" for the time. Note, however, that the fax machine will not be able to receive faxes sent manually by Normal dialling.

To change the setting, follow the steps below.

1	Press \mathbf{F} once and $\underline{\mathbf{F}}$ 3 times.	Display: OPTION SETTING ♣▶
2	Press $\overline{\mathbb{P}^{A}}$ once and $\underline{\mathbb{P}^{A}}$ 5 times.	QUIET TIME



	Page 74 Tuesday, June 1, 2004 4:24 PM onal A.M. Mode Settings		
3	Press	ENTER (00-10) 04	
4	Enter a number from 01 to 10, or enter 00 to turn off the function.	The display briefly shows your selection, then:	
5	Example: 3 seconds () (3.57) Press () to return to the date and time display.		



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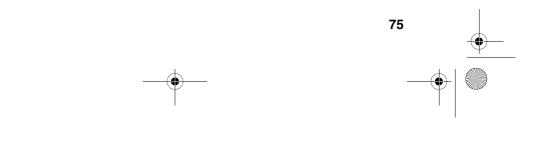
Optional A.M. Mode Settings

Quiet Detect Start Time

This setting can be used to delay the start of the Quiet Detect Time function. For example, if you want to insert a pause at the beginning of your answering machine's outgoing message to ensure clear detection of fax signals, you can use this setting to delay the start of silence detection so that the pause will not cause the fax to take over the line.

Quiet Detect Start Timing has been turned off (set to "00" seconds) at the factory. If you want to use this function, turn it on by entering a 2-digit number equal to the desired number of seconds of the delay. As general guide, the delay time should be slightly longer than the pause before the outgoing message.

1	Press \mathbf{F} once and $\underbrace{\underline{\checkmark}}$ 3 times.	Display: OPTION SETTING ♣▶		
2	Press 🕅 once and 🚈 6 times.	QUIET START		
3	Press 🕅 once.	ENTER (00-15) 00	Answering Machine	
4	Enter a 2-digit number (from 01 to 15) for the number of seconds of the delay, or enter 00 to turn off the function.	The display briefly shows your selection, then:	ы С	
	Example: 3 seconds (0) (3.55)			
5	Press or return to the date and time display.			



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Optional A.M. Mode Settings

On A.M.Failure

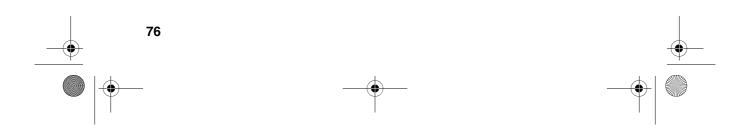
When this function is turned on, your fax will answer the call after 5 rings if the answering machine for some reason fails to answer before that time. This ensures that you will receive fax messages even if the answering machine's tape fills up or the answering machine is not turned on.

This function has been turned off at the factory. If you want to turn it on, follow the steps below:

Note:

When this function is turned on, make sure that the answering machine is set to answer on 4 rings or less. If it isn't, the fax will always answer first, preventing callers from leaving voice messages.

1	Press \mathbf{F} once and $\overset{\underline{\nabla}}{\underline{\nabla}}$ 3 times.	Display: OPTION SETTING ♣▶
2	Press 🖗 once and 🚈 7 times.	ON A.M.FAILURE
3	Press 🕅 once.	1=YES,2=NO
4	Press (1) to turn on the function, or	The display briefly shows your selection, then:
	(2 ₃₆) to turn it off.	LANGUAGE
5	Press \bigotimes^{STOP} to return to the date and time display	



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6. Special Functions

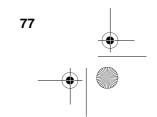
Caller ID (Requires Subscription to Service)

If you subscribe to a caller identification service from your telephone company, you can have the fax machine display the name and number of the caller when you receive a call.

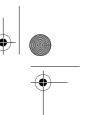
Important:

To use this function, you must subscribe to a caller identification service from your telephone company. Note that your fax may not be compatible with some caller identification services.

1	Press \mathbf{F} once and \mathbf{F} 3 times.	Display: OPTION SETTING ♣▶	
2	Press $\overline{\mathbb{P}^{1}}$ once and $\overline{\mathbb{P}^{2}}$ 5 times.	CALLER-ID	
3	Press once.	1=YES, 2=NO	•
4	Press 1 (YES) to turn on Caller ID. (To turn off Caller ID, press 2∞ .)	ECM MODE	
5	Press \bigcirc^{STOP} to return to the date and time display.		6. Special Functions



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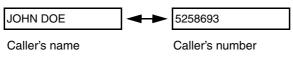


Caller ID (Requires Subscription to Service)

How Caller ID operates

When you receive a call, the name and phone number of the caller will appear in the display, beginning just before the second ring. The information will continue to be displayed until the line is disconnected.

Display example

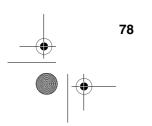


Note: Some caller ID services may not provide the name of the caller. In this case, only the phone number will appear.

Display messages

One of the following messages will appear while the fax rings if caller information is not available.

NO SERVICE	No caller information was received from your telephone company. Make sure that the telephone company has activated your service.
CALLER-ID ERROR	Noise on the telephone line prevented reception of caller information.
OUT OF AREA	The call was made from an area which does not have a caller identification service, or the caller's service is not compatible with that of your local phone company.
PRIVATE CALL	Caller information was not provided by the telephone company at the caller's request.



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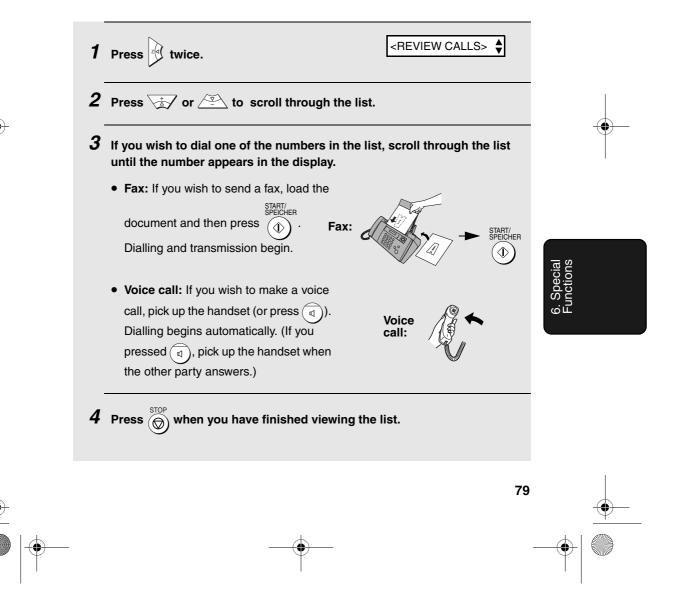
Caller ID (Requires Subscription to Service)

Viewing the Caller ID list

If you subscribe to a Caller ID service and have turned on the Caller ID function, your fax machine will keep information on the most recent 30 calls and faxes you have received. You can view this information, which consists of the name and number of each caller, in the Caller ID List.

- After you have received 30 calls, each new call will delete the oldest call.
- ♦ All calls will be erased if you unplug the fax or a power failure occurs.

Follow the steps below to view the Caller ID List in the display. If desired, you can immediately dial a number when it appears.



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Caller ID (Requires Subscription to Service)

To delete calls from the Caller ID list

If you want to delete a single call from the caller list, press (#) while the call

appears in the display. If you want to delete all calls from the list, hold (#) down for at least 3 seconds while you are viewing any number in the list.

Priority Call

If you have turned on Caller ID, you can set the machine to make a special ringing sound when you receive a call from a designated phone number. This lets you know immediately who is calling without having to look at the display.

To use this function, enter the desired phone number by following the steps below (only one phone number can be entered).

		1	Press \mathbf{F} once and $\underline{\mathbf{F}}$ twice. Disp	lay: ENTRY MODE	
-•		2	Press $\mathbf{P}_{\mathbf{A}}$ once and $\mathbf{P}_{\mathbf{A}}$ once.	PRIORITY #	
		3	Press 🖗 once.	1=SET, 2=CLEAR	
		4	Press (1) to store a number.		
			(To clear a previously stored number, press 2.) and go to Step 6.)	
		5	Enter the number by pressing the number keys	(max. 20 digits).	
		6	Press to store (or clear) the number.	OWN NUMBER SET	
		7	Press of to return to the date and time display	y.	
•		80			•
	•				

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Caller ID (Requires Subscription to Service)

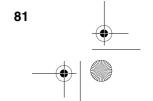
Blocking voice calls

If you have turned on Caller ID, you can use the Anti Junk Fax function described in *Blocking Reception of Unwanted Faxes* in this chapter to block voice calls as well as faxes from your specified Anti Junk Number.

In this case, when a voice call or a fax transmission comes in from the number you have specified as a "Junk Number", your fax will break the connection as soon as it receives the calling phone number from the caller ID service (before the second ring).

To use this function, enter the number that you wish to block as explained in *Blocking Reception of Unwanted Faxes* (see page 82). Only one number can be blocked.





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Blocking Reception of Unwanted Faxes

Blocking Reception of Unwanted Faxes

The Anti Junk Fax function allows you to block reception of faxes from a party that you specify. This saves paper by not printing out unwanted "junk" faxes. To use this function, follow the steps below to enter the fax number from which you do not wish to receive faxes. One fax number can be entered.

1	Press \mathbf{F} once and $\overset{\underline{\nabla}}{\underline{\nabla}}$ twice.	Display:
2	Press $\overline{\mathbb{P}^{\lambda}}$ once and $\overline{\mathbb{P}^{\star}}$ twice.	ANTI JUNK #
3	Press (b)	1=SET, 2=CLEAR
4	Press 1 to store an Anti Junk number, or 2 to stored number (if you are clearing a number, go to	
5	Enter the fax number by pressing the number key	s (max. 20 digits).
6	Press $\textcircled{Start/}{\text{SPEICHER}}$ and then press $\textcircled{Stop}{\text{Stop}}$ to return to the d	ate and time display.



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Polling (Requesting a Fax Transmission)

Polling (Requesting a Fax Transmission)

Polling allows you to call another fax machine and have it send a document (previously loaded in its feeder) to your machine without assistance from the operator of the other machine.

Hint: Polling is useful when you want the receiving fax machine, not the transmitting fax machine, to bear the cost of the call.

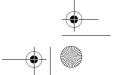
- To use the polling function, the other machine must be capable of being polled.
- Before polling, make sure the other machine is set up to receive your polling request.
- Your machine is not capable of being polled.
- **1** Dial the fax machine that you wish to poll using one of the following methods:
 - Enter the full number using the numeric keys.
 - Pick up the handset (or press ()) and dial the full number. Wait for the fax answerback tone.
 - Press or until the name (or number) of the other party appears in the display.

2 Press (ABRUF).

• If you used the handset, replace it when POLLING appears in the display. Reception will begin.

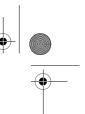


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PBX operations

PBX operations

If your fax is connected to a PBX, you can use it to perform the following operations:

Making enquiry calls: During a call, you can put the other party on hold, make a further call to a third party, and then go back to your original caller.

Transferring calls: You can transfer a call to another number on the same PBX without operator assistance.

Making enquiry calls

1 During the telephone conversation, press (a) . This puts the other party on hold.

2 When you hear the dial tone, dial the number of the third party for the enquiry call.

3 When you have finished the enquiry call, you will be automatically returned to the original caller as soon as the third party hangs up.

Transferring calls

- **1** During the telephone conversation, press (*). This puts the other party on hold.
- **2** When you hear the dial tone, dial the number to which you want to transfer the call. When the other party answers, hang up, and the call will be transferred.
 - If the other party does not answer, press (a) again to return to the original caller.



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 (\mathbf{b})

7. Printing Lists

You can print lists showing settings and information entered in the fax machine, and a report showing recent fax transactions. The lists and report are described below. To print a list, follow these steps.

1	Press \mathbf{F} once and \mathbf{F} once.	Display: LISTING MODE ◆	
2	Press 🕅 once.	TEL # LIST ♦	
3	Press $^{+}_{\Delta}$ or \swarrow until the desired list appea	rs in the display.	
4	Press by once.	PRESS START KEY	
5	Press (1) to print the list.		



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Printing Lists

Telephone Number List

This list shows the fax and phone numbers that have been stored for automatic dialling.

Setup List

This list shows your current selections for the **FUNCTION** key settings. The list also shows your name and fax/telephone number as entered in the machine, and a sample of the header printed at the top of every page you transmit (**HEADER PRINT**).

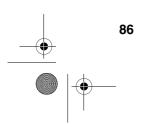
Caller-ID List

This list shows information on your 30 most recently received calls and faxes. (This list is only available if you are using the Caller ID function.)

Help List

This list provides a brief guide to the operation of the machine. Press whilst no document is loaded in the feeder to print this list.

KOPIE/ HILFE



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Transaction Report

This report is printed out automatically after an operation is completed to allow you to check the result. Your fax machine is set at the factory to print out the report only when an error occurs.

• The Transaction report cannot be printed on demand.

Headings in the Transaction Report

SENDER/ RECEIVER	The name or fax number of the other machine involved in the transaction. If that machine does not have an ID function, the communication mode will appear (for example, "G3").
START	The time at which transmission/reception started.
TX/RX TIME	Total time taken for transmission/reception.
PAGES	Number of pages transmitted/received.
NOTE	(One of the following notes will appear under NOTE in the report to indicate whether the transaction was successful, and if not, the reason for the failure.)
	OK - Transmission/reception was successful.
	P.FAIL - A power failure prevented the transaction.

 ${\bf JAM}$ - The printing paper or document jammed, preventing the transaction.

BUSY - The fax was not sent because the line was busy.

COM.E-X - (Where "X" is a number.) A telephone line error prevented the transaction. See *Line error* on page 97.

CANCEL - The transaction was cancelled because the **STOP** key was pressed, no document was in the feeder, or the other machine requested transmission using a function which your fax machine does not have. If you were attempting to fax, make sure a document is in the feeder. If you were receiving, contact the faxing party to see how they are trying to send to you.



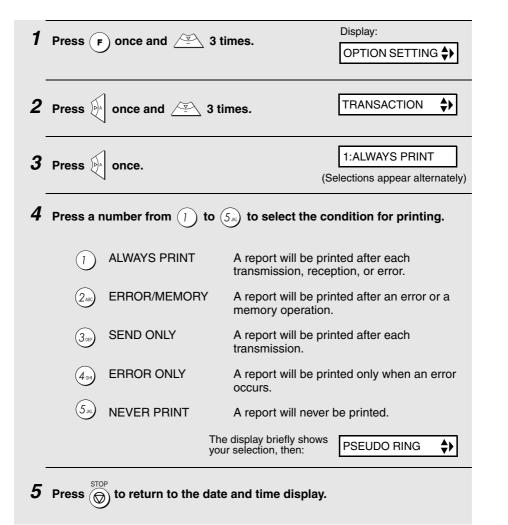


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Printing Lists

Transaction Report print condition

You can change the condition under which a Transaction Report is printed out. Follow the steps below.





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8. Maintenance

Cleaning the Machine

Cleaning the scanning glass and rollers

Clean the scanning glass and rollers frequently to ensure the quality of transmitted images and copies.

8. Maintenance

1 Open the operation panel. 2 Push the green lever at the side of the white roller slightly to the right, and then pull it forward and down. **3** Pull the left side of the white roller up and then pull the roller to the left and out of the machine. • Place the roller in a stable position where it will not accidentally fall to the ground. 89 all.book Page 90 Tuesday, June 1, 2004 4:24 PM

Maintenance

4 Wipe the scanning glass (exposed by removing the white roller) and rollers with a clean cloth.

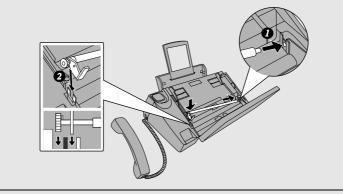
 Make sure that all dirt and stains (such as correcting fluid) are removed. Dirt and stains will cause vertical lines on transmitted images and copies.

If the scanning glass is difficult to clean

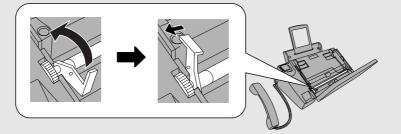
If you find it difficult to remove dirt from the scanning glass, you can try moistening the swab with isopropyl alcohol or denatured alcohol. Take care that no alcohol gets on the rollers.

5 Replace the white roller, inserting the right end first.

• When re-inserting the roller do not use excessive force to locate the right hand end. This may result in damage to the machine.



6 Push the green lever up and back. Make sure that the small knob on the lever goes into the hole on the side of the compartment.

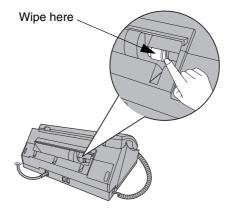




Cleaning the paper feed roller

A dirty paper feed roller will prevent the paper from feeding correctly. To clean the roller, first remove the paper tray. The roller will be visible in the opening in the rear of the machine. Hold the roller by pressing down on the white part with your finger and wipe the black part with a clean, dry cloth. Rotate the roller as needed to wipe the entire surface of the black part.

If you find it difficult to remove dirt from the roller, moisten the cloth with water and then wring it out thoroughly before wiping. *Do not* use alcohol, benzene, thinner, or other solvents.



Cleaning the housing

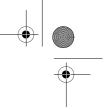
Wipe the external parts and surface of the machine with a dry cloth.

Caution!

Do not use benzene or thinner. These solvents may damage or discolor the machine.



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Maintenance

Improving Print Quality

Aligning the print cartridge

If print quality is not satisfactory, first try aligning the print cartridge.

Note: Make sure that paper is loaded before beginning this procedure.

	1	Press \mathbf{F} once and $\sum_{\underline{A}}^{+}$ twice.	Display: PRINT SET-UP ✦	
	2	Press $\mathbf{P}^{\mathbf{A}}$ once and $\mathbf{P}^{\mathbf{A}}$ twice.	ALIGN CART.	
	3	Press 🖗 once.	1=PRINT,2=SET	
	4	Press \bigcirc to print an alignment page. (To e without printing an alignment page, press (
	5	In the alignment page that the machine print closest to forming a completely straight line		
		ALIGHMENT TEST SHEET Study this alighment test sheet and becide which sample number Shows the most evenly printed ink line.	In this example, "15"	
			comes closest to forming a straight line.	
			After printing the alignment page the display shows: ENTER (0-30) 15	
•	92			<u> </u>
	•			

	all all	book F	Page 93 Tuesday, June 1, 2004 4:24 PM		
-•			Maintenance	8. Maintenance	
		6	Press the number keys to enter the number of the straightest line. Example: 1 (5_{ss})	8. Mai	
			 If you make a mistake, press on the prese and the repeat the entry. 		
		7	Press (1).		
		8	Press or return to the date and time display.		

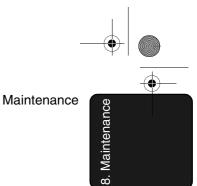
Cleaning the print cartridge nozzles

If print quality is still not satisfactory after aligning the print cartridge, follow these steps to clean the print cartridge nozzles.

1	Press \mathbf{F} once and \mathbf{F} twice.	Display: PRINT SET-UP	
2	Press $\overline{\mathbb{P}^{\star}}$ once and $\overline{\mathbb{P}^{\star}}$ once.	CLEAN NOZZLES	
3	Press 🕅 once.	PRESS START KEY	
4	Press Decider .		
	• The machine prints a test pattern similar to the one step.	e shown in the following	

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M	laintenance	
	5 Compare the diagonal line above the printed bars to the diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles. Image: Diagonal line above the bars. A break indicates acoged nozzles.	
	 Unbroken lines at the bottom of the page indicate the nozzles were cleaned. 6 If the bottom diagonal line still has breaks, repeat Steps 1 through 4 to run the nozzle test again. Run the test a third time if necessary. If the print quality is satisfactory after running the nozzle test three times, the nozzles are clean. If the print quality is still not satisfactory after running the test a third time, continue with Step 7. 	
	 7 Press O press O press O press O procedure beginning on page 17). 8 Repeat the nozzle test. If the lines are still broken, wipe the nozzles as explained in the following section. 	-
94		•

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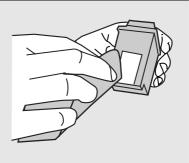


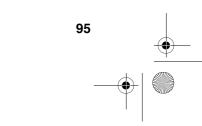
Wiping the print nozzles and contacts

If you have cleaned the print nozzles as explained in the previous section at least three times and print quality is still not satisfactory, try wiping the print nozzles and contacts.

- **1** Press $\stackrel{\text{PATRONE}}{\bigcirc}$, open the operation panel, open the print compartment cover, and remove the print cartridge (see the procedure beginning on page 17).
 - **CAUTION! DO NOT** touch the gold contact area of the cartridge or the contact area of the cartridge carriage with your fingers.
- 2 Dampen a clean cloth with water, and gently wipe the nozzles and the goldcoloured area around the nozzles. Wipe in one direction only.
 - To dissolve dried ink, hold the damp cloth against the nozzles for about three seconds. Gently blot and wipe dry.
 - When finished, allow the gold-coloured area to dry.
- **3** Dampen another section of clean cloth with water, and gently wipe the contacts and the gold-coloured area around the contacts.
 - To dissolve dried ink, hold the damp cloth against the contacts for about three seconds. Gently blot and wipe dry.
 - When finished, allow the gold-coloured area to dry.







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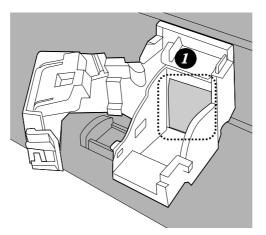
Maintenance

4 Reinstall the print cartridge and repeat the nozzle test as explained in the previous section.

Cleaning the cartridge holder

A dirty print cartridge holder may cause smudges on your printed pages. To

clean the print cartridge holder, press $\bigcirc^{\text{PATRONE}}$, open the operation panel, open the print compartment cover, and remove the print cartridge (see the procedure beginning on page 17). Wipe **①** on the holder with a damp cloth.



About the lithium battery:

The fax machine uses a lithium battery to retain settings and information programmed in the machine when the power is turned off. Battery power is consumed primarily when the power is off. With the power kept continuously off, the life of the battery is about 5 years. If the battery dies, have your dealer or retailer replace it. Do not try to replace it yourself.



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9. Troubleshooting

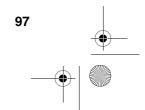
Problems and Solutions

Line error

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Problem	Solution
LINE ERROR appears in the display.	A line error occurs when your fax machine cannot communicate correctly with the other fax machine. The error is usually due to a problem on the phone line.
	Try the transaction again. If the error persists, check the following:
	 Check the connection. The cord from the TEL. LINE socket to the wall socket should be no longer than two meters.
	 Make sure there are no modem devices sharing the same telephone line.
	Check with the other party to make sure their fax machine is functioning properly.
	Have your telephone line checked for line noise.
	 Try connecting the fax machine to a different telephone line.
	 If the problem still occurs, your fax machine may need service.

9. Troubleshooting



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Problems and Solutions

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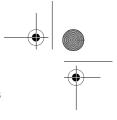
Dialling and transmission problems

Problem	Solution
No dial tone when you pick up the handset or press the SPEAKER key.	• Make sure the handset cord is connected to the correct socket. See <i>Connecting the handset</i> on page 12.
	 Make sure that the telephone line is properly connected to both the TEL. LINE socket and the wall socket (see page 23).
	Make sure that the telephone line is good.
Dialling is not possible.	 Make sure the power cord is properly plugged into a power outlet.
	• Make sure that the telephone line is properly connected to both the TEL. LINE socket and the wall socket (see page 23).
The power is on, but no transmission takes place.	Make sure that the receiving machine has paper.
	 Make sure that the telephone line cord is plugged into the TEL. LINE socket, and not the TEL. SET socket.
	 If the receiving machine is in manual mode with no attendant, reception will not be possible.
	Check the display for error messages.
	• Pick up the handset and check for a dial tone. Dial the receiving machine manually and make sure that it is responding (you should hear a fax tone).
Nothing is printed at the receiving end.	 Make sure that the document for transmission is placed face down in the feeder.
A distorted image is received at the other end.	Noise on the telephone line may cause distortion. Try sending the document again.
	 Make a copy of the document on your fax machine. If the copy is also distorted, your fax machine may need service.

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Problems and Solutions



9. Troubleshooting

Reception and copying problems

Problem	Solution
The power is on, but no reception takes place.	• Make sure that the telephone line cord is plugged into the TEL. LINE socket, and not the TEL. SET socket.
The printing paper comes out blank when you try to receive a document.	• Make sure that the document is loaded properly in the feeder of the transmitting machine. Make a copy or print a report to confirm the printing ability of your machine.
Print quality is poor.	The print cartridge may need alignment or cleaning. See page 92.
The received document is faint.	 Ask the other party to send higher contrast documents.
	 The print cartridge may need replacement. Make a copy or print a report to check your machine's printing ability.
Received images are distorted.	 Noise on the telephone line may cause distortion. Have the other party try sending the document again.
	 Make a copy or print a report on your fax machine. If the copy or report is also distorted, your fax machine may need service.
The quality of copies is poor and/or dark vertical lines appear.	• Any dirt or material on the scanning glass will cause spots to appear on copies and transmitted faxes. Clean the scanning glass as explained on page 89.

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Problems and Solutions

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Answering machine connection

Problem	Solution
The answering machine connection does not operate properly.	• Make sure your fax machine's reception mode is set to A.M.
	• Make sure your fax machine's TEL. LINE socket is connected to the wall socket. Make sure your fax machine's TEL. SET socket is connected to your answering machine's telephone line socket (not the answering machine's extension phone socket).
	 Make sure your answering machine's outgoing message is under 10 seconds.
	• Make sure that the Quiet Detect Time setting is set to three or four seconds (see page 73).

General problems

Problem	Solution
A loud howling sound occurs when the speaker is used.	 Feedback (a loud howling sound) may occur if you replace the handset while the speaker is on. To avoid feedback, turn off the speaker (press) before you replace the handset.
Nothing appears in the display.	 Make sure the power cord is properly plugged into a power outlet. Connect another electrical appliance to the outlet to
	see if it has power.
The machine does not respond when you press any of its keys.	 If a beep sound is not made when you press the keys, unplug the power cord and then plug it in again several seconds later.
Automatic document feeding does not work for transmission or copying.	Check the size and weight of the document (see <i>Transmittable Documents</i> on page 37).

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Messages and Signals

Messages and Signals

Display messages

•

Note: If you have turned on the Caller ID function, see page 78 for display messages related to Caller ID.

ADD PAPER & / PRESS START KEY (alternating messages)	Check the printing paper. If the tray is empty, add start/ paper and then press (). If there is paper in the tray, make sure it is inserted correctly (take out the stack, align the edges evenly, and then reinsert it in start/ SPEICHER the tray) and then press ().
A.M. OFF HOOK	When the fax is in A.M. reception mode, this message appears when the handset of an answering machine (or extension phone) connected to the fax has been lifted.
CHANGE CARTRIDGE	This message appears after you install or replace the print cartridge (see page 19).
CHECK CARTRIDGE	The print cartridge is missing and must be installed, or is not installed correctly.
DOCUMENT JAMMED	The original document is jammed. See the following section, <i>Clearing Paper Jams</i> . Document jams will occur if you load more than 10 pages at once or load documents that are too thick (see page 37). The document may also jam if the receiving machine doesn't respond properly when you attempt to send a fax.

9. Troubleshooting

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Messages and Signals

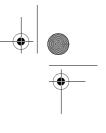
 $(\mathbf{\bullet})$

FAX RX IN MEMORY	A fax has been received in memory because the print cartridge needs replacement, you have run out of printing paper, or the paper is jammed. The fax will print out automatically when the problem is fixed.
FUNCTION MODE	F has been pressed.
INK NEAR EMPTY	The cartridge is nearly empty (approximately one eighth of the ink remains).
LINE ERROR	Transmission or reception was not successful. Press $\bigotimes_{\text{error persists, see Line error}}^{\text{stop}}$ to clear the message and then try again. If the error persists, see <i>Line error</i> on page 97.
LOW INK	The cartridge is low on ink (approximately one quarter of the ink remains).
MEMORY IS FULL	If faxes have been received to memory because printing is not possible (an additional message will indicate the problem), resolve the problem so that printing can continue (see <i>Substitute Reception to</i> <i>Memory</i> on page 67). If you are attempting to transmit from memory, see <i>If</i> <i>the memory becomes full</i> on page 56. If you are copying, see <i>If MEMORY IS FULL appears</i> on page 69.
MEMORY PRINTING	The fax is preparing to or printing out a document from memory.
NO # STORED	This appears if you attempt to search for an auto-dial number when none have been stored.
OFF HOOK	This appears if you forgot to replace the handset after using it to dial and send a fax. Replace the handset or press $\overset{\text{STOP}}{\bigodot}$ to clear the message.
ON HOOK DIAL	has been pressed and the fax machine is waiting for you to dial.

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Messages and Signals



OUT OF INK	The cartridge is out of ink and must be replaced. Faxes will be received to memory.
PAPER JAMMED	The printing paper is jammed. See page 105.
PRINTER ERROR	A printer error has occurred. Open the printer compartment cover, make sure the print cartridge is installed correctly, and then close the cover. Press
PRINTER ERROR/ CHECK PAPER	A paper jam may have occurred. Follow the procedure on page 105 to clear the jam.
READY TO SEND	A document has been loaded and the fax machine is waiting for you to begin faxing or copying.
RECALLING	This appears if you attempt to send a fax by automatic dialling and the line is busy or the receiving fax machine does not answer. Your fax machine will automatically reattempt the call. (See <i>Automatic</i> <i>redialling</i> on page 51.)
TOTAL PAGE(S) 01	Number of pages transmitted, received, or copied.

9. Troubleshooting

Audible signals

Continuous tone	3 seconds	Indicates the end of transmission, reception, or copying.
Intermittent tone (3 beeps)	5 seconds (1 second on, 1 second off)	Indicates incomplete transmission, reception, or copying.
Rapid intermittent tone	35 seconds (0.7 seconds on, 0.3 seconds off)	Indicates that the handset is off hook.

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Clearing Paper Jams

Clearing Paper Jams

Clearing a jammed document

If the original document doesn't feed properly during transmission or copying,

START/ SPEICHER

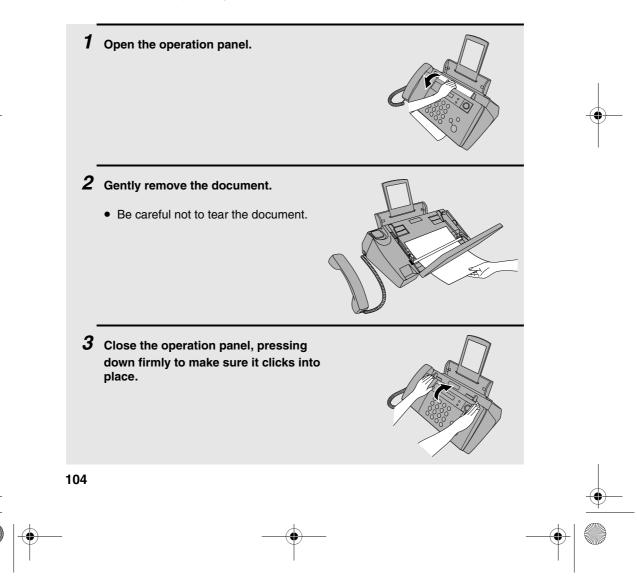
🕥 . lf

or DOCUMENT JAMMED appears in the display, first try pressing

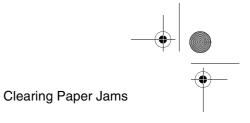
the document doesn't feed out, remove it as explained below.

Important:

Do not try to remove a jammed document without releasing it as explained below. This may damage the feeder mechanism.



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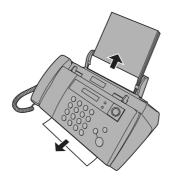


Clearing jammed printing paper

Gently pull the jammed paper out of the machine, taking care not to tear it.

After removing the jammed paper, press of to clear the error message (PAPER JAMMED) from the display.

Normal operation cannot be resumed until you press of to clear the error message.







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Quick Reference Guide

Sending Faxes

Place your document (up to 10 pages) face down in the document feeder.

Normal Dialling

- 1. Lift the handset or press (
- 2. Dial the fax number.
- 3. Wait for the reception tone (if a person answers, ask them to press their Start key).



Automatic Dialling

1. Press or 🖄 until the desired destination appears in the display.

2. Press (1) START/ SPEICHER

Direct Keypad Dialling

1. Dial the fax number.

2. Press

Receiving Faxes

Press O until the arrow in the display points to the desired reception mode.



FAX mode: The fax machine automatically answers and receives faxes. **TEL mode:** Answer all calls (even faxes) by picking up the handset. To begin fax

reception, press

TEL/FAX mode: The fax machine automatically answers and receives faxes. Voice calls are signalled by a special ringing sound.

A.M. mode: Select this mode when you want to use an answering machine that is connected to the fax.

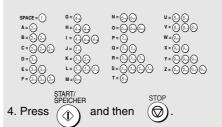
Storing Auto Dial Numbers

1. Press) once and $b^{\mathbb{A}}$ twice.

2. Enter the fax number and press \bigcirc

3. Enter a name by pressing number keys. (To enter two letters in succession that

require the same key, press after entering the first letter.)



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Guide de référence rapide

Envoi de télécopies

Placez le document (pouvant compter jusqu'à 10 pages) dans le chargeur de documents, face imprimée vers le bas.



Numérotation normale

- 1. Décrochez le combiné ou pressez (
- 2. Composez le numéro de télécopie.
- Attendez la tonalité de réception (si une personne décroche, demandez-lui d'appuyer sur la touche Start de son appareil).
- 4. Appuyez sur

Numérotation automatique

- 1. Appuyez sur l'affichage du destinataire souhaité.
- 2. Appuyez sur

Numérotation rapide au clavier

1. Composez le numéro de télécopie. START/ SPEICHER 2. Appuyez sur

Réception de télécopies

Appuyez sur $\bigcirc^{\text{AUFCS./}}$ jusqu'à ce que la flèche pointe vers le mode de réception voulu.

AUFLÖS./		➡ 01-JAN 10:30 ↑
EMPFANG		TELFAX AB
\frown		01-JAN 10:30
Θ		TELFAX AR
1 hr		01-JAN 10:30
2.7		TELFAX AB
		TEL FAX
		01-JAN 10:30 1
		TELFAX AB

Mode FAX : Le télécopieur répond et reçoit automatiquement les télécopies.

Mode TEL : Vous répondez à tous les appels (télécopies incluses), simplement en décrochant le combiné. Pour lancer la

réception de télécopies, pressez $\frac{\text{START}'}{\text{SPEICHER}}$.

Mode TEL/FAX : Le télécopieur répond et reçoit automatiquement les télécopies. Les appels vocaux sont signalés par une sonnerie distincte.

Mode AB : Sélectionnez ce mode lorsque vous utilisez un répondeur connecté au télécopieur.

Mémorisation des numéros de numérotation automatique

- 1. Pressez \mathbf{F} une fois et \mathbf{F} deux fois.
- 2. Entrez le numéro de télécopie, START/ puis pressez
- Saisissez un nom à l'aide des touches du pavé numérique. Pour entrer deux lettres à la suite qui exigent la même

touche, appuyez sur \mathbb{P}_{A} après avoir

entré la première lettre.



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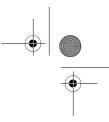
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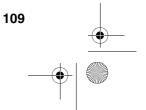
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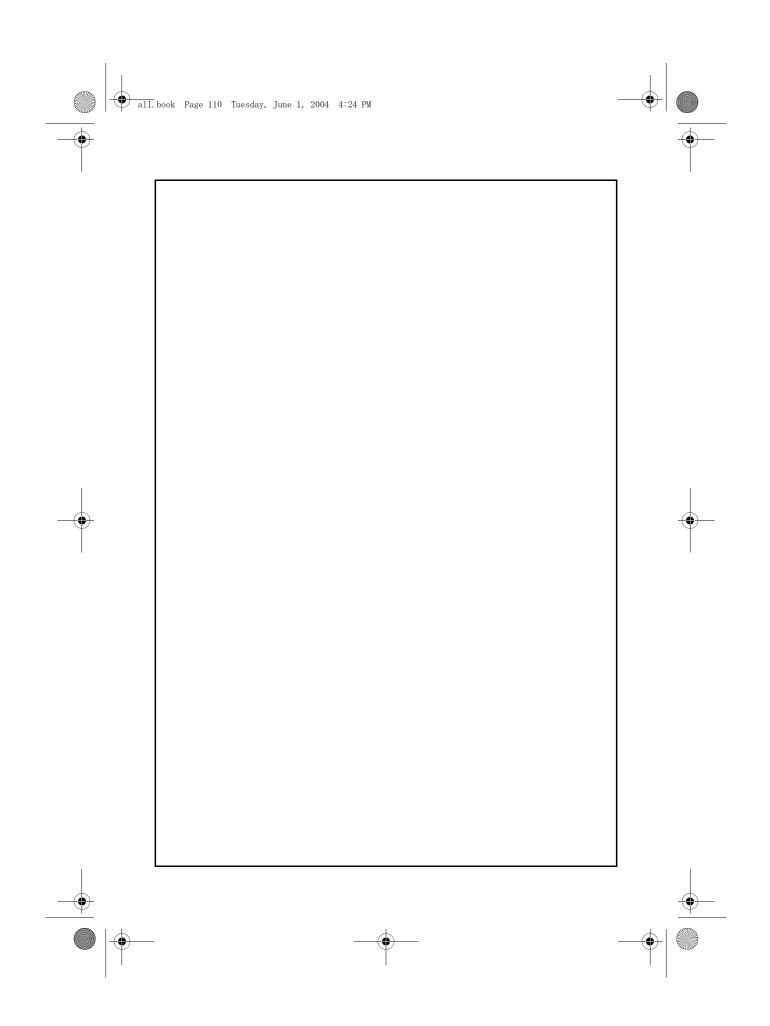
S

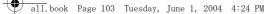
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