

EXHIBIT H

Panasonic

Compact Plain Paper FAX
with Cordless Phone
Model No.

KX-FPC91

OPERATING INSTRUCTIONS



Please read these Operating Instructions before using the unit and save for future reference.

**FOR OPERATION ASSISTANCE,
CALL 1-800-HELP-FAX (1-800-435-7329)**

Thank you for purchasing the Panasonic Compact Plain Paper Facsimile.

Welcome to the world of Panasonic facsimiles.

This Panasonic compact plain paper facsimile combines the telephone, fax and copier functions to provide you with more efficient office or home use. By utilizing these convenient features, you can maximize the effectiveness of this unit.

Things you should keep records of

Attach your sales receipt here

For your future reference

Date of purchase _____ Serial No. _____

(found on the rear of the unit)

Dealer's name and address _____

Dealer's telephone number _____

Caution:

- The Telephone Protection Act of 1991 requires the following information to be clearly stated either at the top or bottom margin of the first message page when transmitting messages via telephone facsimile;
 - Date and time of transmission,
 - Identification of the business, entity or person(s) sending the facsimile, and
 - Telephone number of the business, entity or person(s).To program this information into your facsimile machine, complete all the instructions on pages 11 through 13.
- Note that the images of copied or received documents will remain on the used film. When disposing of the used film, use discretion.
- Do not rub or use an eraser on the printed side, as the print may smear.

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Important safety instructions

When using this unit, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug this unit from AC outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this unit near water, for example near a bath tub, wash bowl, kitchen sink, or the like.
5. Place the unit securely on a stable surface. Serious damage and/or injury may result if the unit falls.
6. Do not cover slots and openings on the unit. They are provided for ventilation and protection against overheating. Never place the unit near radiators, or in a place where proper ventilation is not provided.
7. Use only the power source marked on the unit. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
8. For safety purposes this product is equipped with a three prong grounded plug. If you do not have this type of outlet, please have one installed. Do not use any type of adaptor plug to defeat this safety feature.
9. Do not place objects on the power cord. Install the unit where no one can step or trip on the cord.
10. Do not overload wall outlets and extension cords. This can result in the risk of fire or electric shock.
11. Never push any objects through slots in this unit. This may result in the risk of fire or electric shock. Never spill any liquid on the unit.
12. To reduce the risk of electric shock, do not disassemble this unit. Take the unit to an authorized servicer when service is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the unit is subsequently used.
13. Unplug this unit from the wall outlet and refer servicing to an authorized servicer when the following conditions occur:
 - A. When the power supply cord or plug is damaged or frayed.
 - B. If liquid has been spilled into the unit.
 - C. If the unit has been exposed to rain or water.
 - D. If the unit does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions. Improper adjustment may require extensive work by an authorized servicer.
 - E. If the unit has been dropped or physically damaged.
 - F. If the unit exhibits a distinct change in performance.
14. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of an electric shock from lightning.
15. Do not use this unit to report a gas leak, when in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

INSTALLATION:

1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.

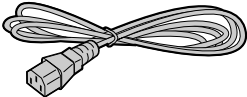


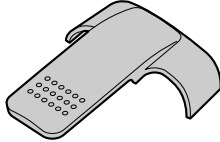
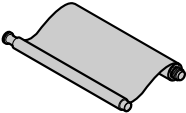
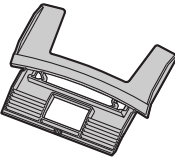
WARNING:

To prevent the risk of fire or electrical shock, do not expose this product to rain or any type of moisture.

OTHER INFORMATION

- Keep the unit away from electrical noise-generating devices, such as fluorescent lamps and motors.
- The unit should be kept free from dust, high temperature and vibration.
- The unit should not be exposed to direct sunlight.
- Do not place heavy objects on top of this unit.
- Do not touch the plug with wet hands.

Included accessories (To order, call toll free 1-800-435-7329)

<p>Power cord..... 1 pc.</p> 	<p>Telephone line cord 1 pc.</p> 	<p>Cordless handset 1 pc.</p>  <p>— The rechargeable battery is pre-installed.</p>	<p>Belt clip 1 pc.</p> 
<p>Ink film..... 1 pc.</p> 	<p>Paper tray 1 pc.</p> 		

- If any items are missing or damaged, check with the place of purchase.
- Save the original carton and packing materials for future shipping and transporting of the unit.

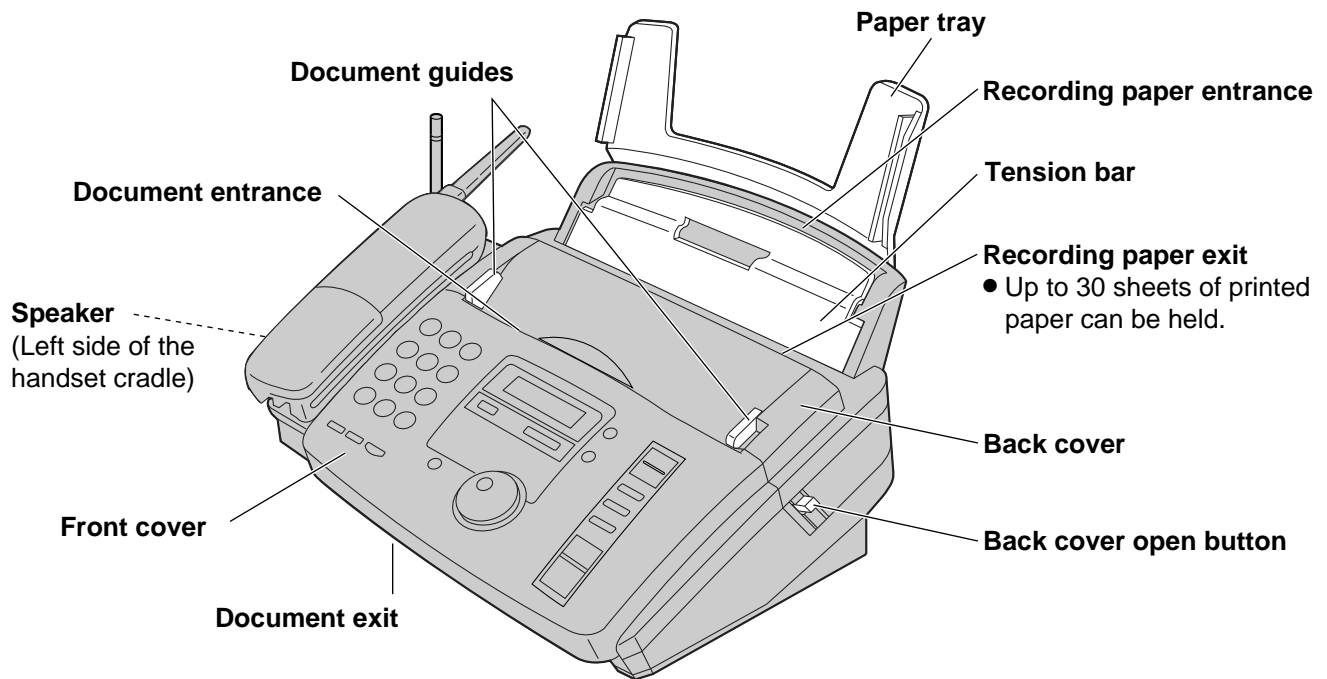
Accessory order information

The starter film is only 10 meters (32½') long. We recommend buying regular film [50 m (164')] for extra stock.

Model No.	Description	Specifications
KX-FA55	Films	2 films [216 mm x 50 m (8½" x 164') rolls]

Caution:
The film is not reusable. Do not rewind and use the film again.

Overview



Note:

- The document will be ejected from the front of the unit. Install the unit on a desk or floor with a smooth surface and do not place anything in front of the unit.

Paper tray

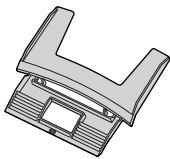
Insert one tab on the paper tray into one slot on the back of the unit (①) and then insert the other tab into the other slot (②).

Note:

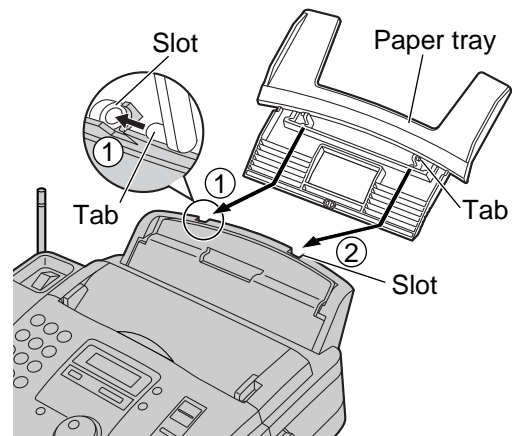
- Do not place the unit in areas where the paper tray may be obstructed by a wall, etc.

To use legal size paper

Please purchase a legal paper tray Model No. KX-FA50 and install as shown above.



KX-FA50
Legal paper tray



Recording paper

Letter* or legal** size recording paper can be loaded. The unit can hold up to 50 sheets of 60 g/m² to 75 g/m² (16 lb. to 20 lb.) paper or 30 sheets of 90 g/m² (24 lb.) paper.

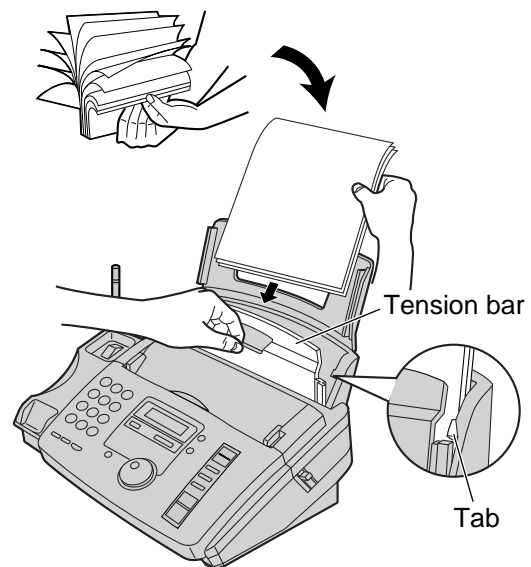
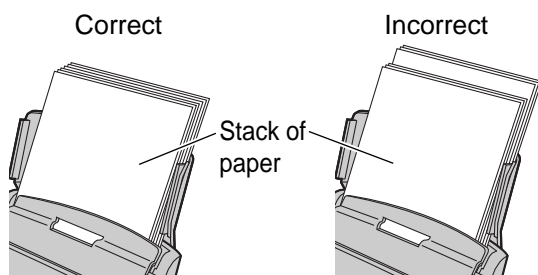
* Letter=216 mm x 279 mm (8½" x 11")

** Legal=216 mm x 356 mm (8½" x 14")

If you use legal size paper, please purchase a legal paper tray, Model No. KX-FA50 and install it.

For best results, only use inkjet paper such as Hammermill® Jet Print. If you use other types of paper, the print quality may be affected.

- 1 Fan the stack of paper to prevent a paper jam.
- 2 Pull the tension bar forward and hold open while inserting the paper.
 - The paper should not be over the tab.
 - If the paper is not inserted correctly, readjusting the paper or the paper may jam.



Note for recording paper:

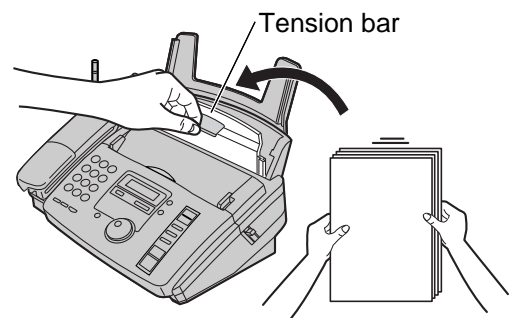
- Avoid paper with a cotton and/or fiber content that is over 20%, such as letterhead paper or paper used for resumes.
- Do not use different types or thicknesses of paper at the same time. This may cause a paper jam.
- Avoid extremely smooth or shiny paper that is highly textured.
- Avoid paper that is coated, damaged or wrinkled.

Note:

- Avoid double-sided printing.
- Do not use paper printed from this unit for double-sided printing with other copies or printers, or the paper may jam.
- Some paper only accepts print on one side. Try using the other side of paper if you are not happy with the print quality.

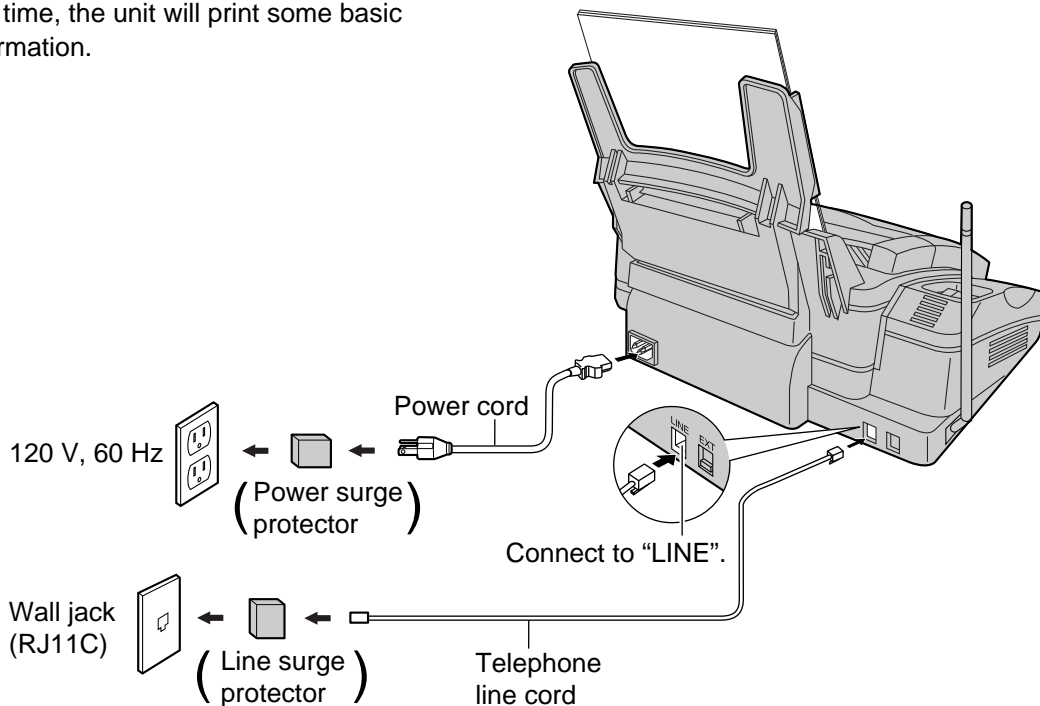
Adding paper

1. Pull the tension bar forward and hold open while removing all of the installed paper.
2. Add paper to the removed paper and straighten.
3. Fan the stack of paper.
4. Pull the tension bar forward and hold open while inserting the paper.



Connectings

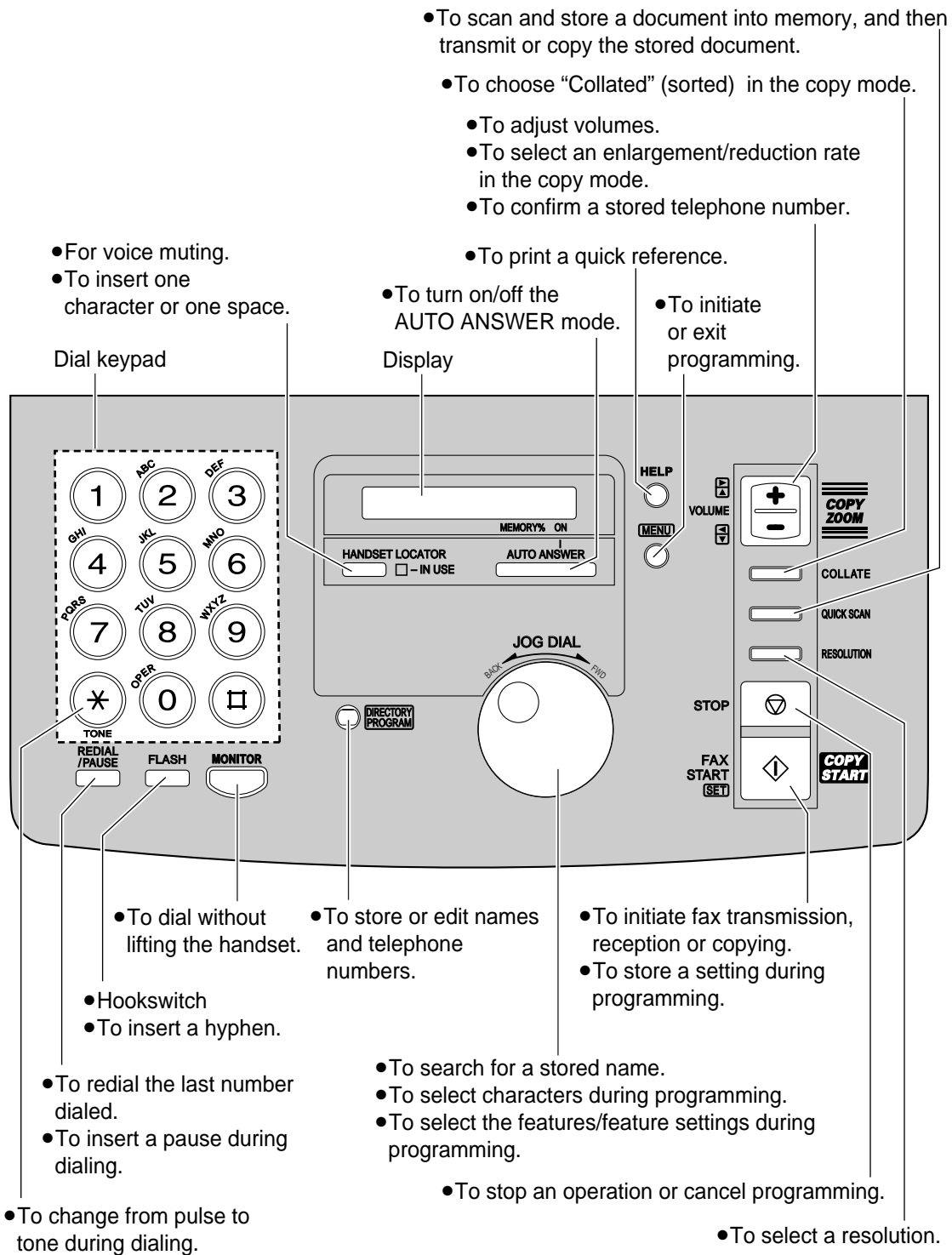
- 1 Connect the telephone line cord.
- 2 Connect the power cord.
 - While the power is turned on for the first time, the unit will print some basic information.



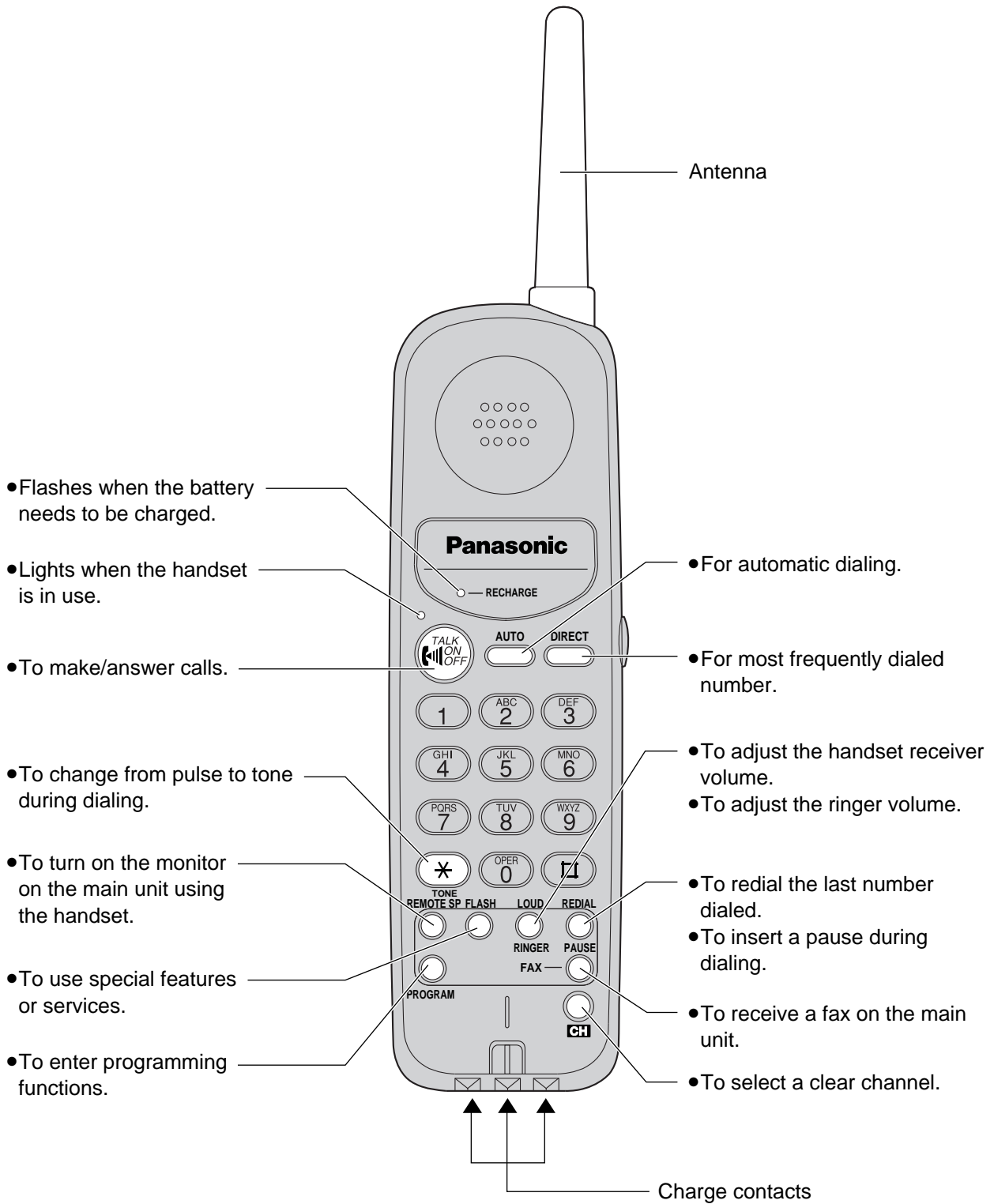
Note:

- For additional equipment protection, we recommend the use of a surge protector. The following types are available; TELESPIKE BLOK MODEL TSB (TRIPPE MFG. CO.), SPIKE BLOK MODEL SK6-0 (TRIPPE MFG. CO.), SUPER MAX (PANAMAX) or MP1 (ITW LINX).
The warranty does not cover damage due to power line surges or lightning.
- When you operate this product, the power outlet should be near the product and easily accessible.

Location

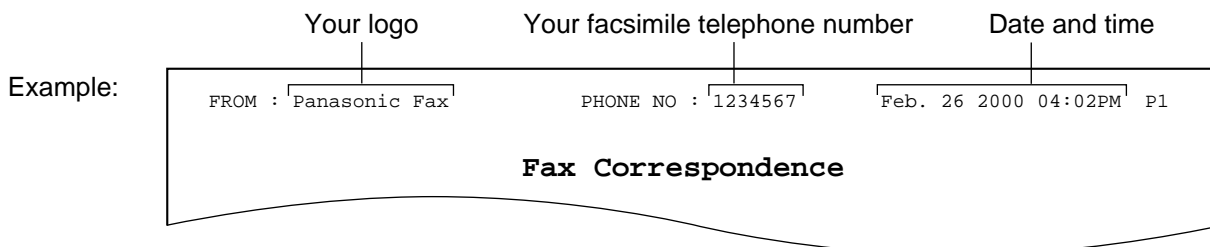


Location



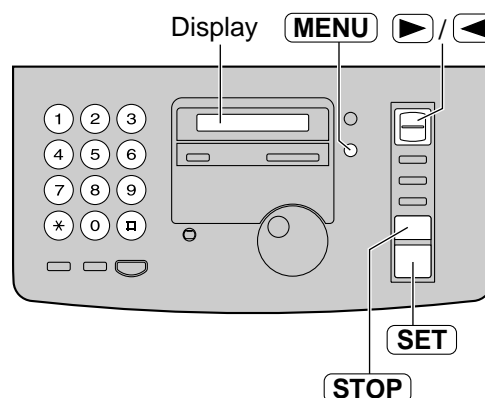
Programming the date and time, your name and facsimile telephone number

You can program the date and time, your logo and facsimile telephone number and this information will be printed on the top of each page transmitted from your unit.



Setting the date and time

- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **▶**, then **0 1**.
SET DATE & TIME
- 3 Press **SET**.
M: 01 / D: 01 / Y: 00
Cursor
- 4 Enter the correct month/day/year by selecting each 2 digits.
Example: Aug. 10, 2000
Press **0 8 1 0 0 0**.
M: 08 / D: 10 / Y: 00
- 5 Press **SET**.
TIME: 12:00AM
- 6 Enter the correct hour/minute by selecting each 2 digits. Press ***** to select AM or PM.
Example: 3:15PM
1. Press **0 3 1 5**.
TIME: 03:15AM
2. Press ***** until PM is displayed.
TIME: 03:15PM
- 7 Press **SET**.
SETUP ITEM []
- 8 Press **MENU**.



Note:

- The ***** key can be used to select AM or PM wherever the cursor is located.
- The accuracy of the clock will be approximately ± 60 seconds a month.

To correct a mistake

- Press **◀** or **▶** to move the cursor to the incorrect number, then make the correction.
- If you press **STOP** while programming, the display will return to the previous one.

Setting your logo

The logo can be a company, division or personal name.

- 1 Press **MENU**.
Display: SYSTEM SET UP
- 2 Press **#**, then **0 2**.
YOUR LOGO
- 3 Press **SET**.
LOGO=

4 Enter your logo up to 30 characters using the dial keypad.

For example, when entering "Bill" as your logo:

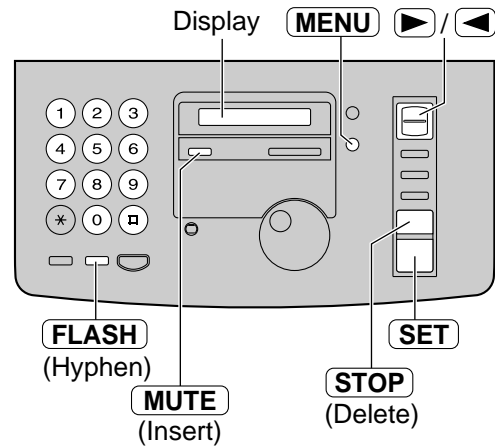
1. Press **2** twice. LOGO=B
2. Press **4** six times. LOGO=Bi
3. Press **5** six times. LOGO=Bill
4. Press **▶** to move the cursor to the next space and press **5** six times. LOGO=Bill

Note:

- If you use the same number key continuously to enter the next character, press **▶** to move the cursor.

5 Press **SET**.
SETUP ITEM []

6 Press **MENU**.



Character table

Keys	Characters
1	1 [] { } + - / = , . _ ' `
2	A B C a b c 2
3	D E F d e f 3
4	G H I g h i 4
5	J K L j k l 5
6	M N O m n o 6
7	P Q R S p q r s 7
8	T U V t u v 8
9	W X Y Z w x y z 9
0	0 () < > ! " # \$ % & ¥
◀	◀ key (Used to move the cursor to the left.)
▶	▶ key (Used to move the cursor to the right.)

To correct a mistake

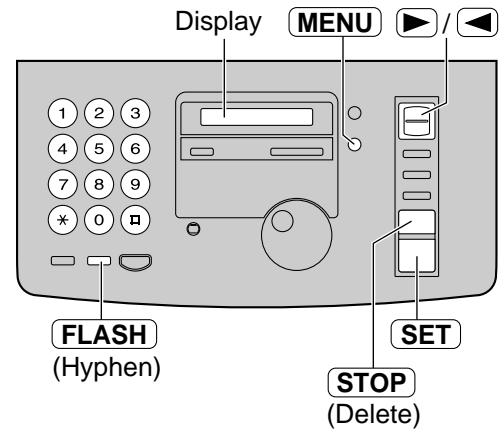
- Press **◀** or **▶** to move the cursor to the incorrect character, then make the correction.

To delete a character

- Move the cursor to the character you want to delete and press **STOP**.

Setting your facsimile telephone number

- 1 Press **MENU**.
Display:
- 2 Press **#**, then **0 3**.
- 3 Press **SET**.
- 4 Enter your facsimile telephone number up to 20 digits.
Example:
- 5 Press **SET**.
- 6 Press **MENU**.



Note:

- The **#** button inserts a space and the ***** button a "+".

Example: +234 5678

Press ***234#5678**.

To correct a mistake

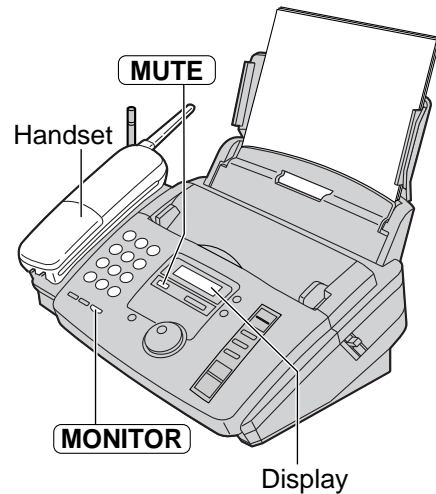
- Press **◀** or **▶** to move the cursor to the incorrect number, then make the correction.

To delete a number

- Move the cursor to the number you want to delete and press **STOP**.

Making voice calls with the main unit

- 1 Press **MONITOR** or lift the handset.
Display:
- 2 Dial the telephone number.
Example:
 - If you misdial, hang up and dial again.
- 3 When the other party answers, speak with handset.
- 4 When finished, replace the handset.



Note:

- If the TALK button on the handset is pressed while using the main unit, the call is switched to the handset and the main unit is disconnected.

Voice muting

Using this feature, the other party cannot hear you but you can hear them.

1. Press **MUTE** during a telephone conversation.

Display:

2. To resume the conversation, press **MUTE**.

Handset receiver volume

3 levels (high/middle/low) are available.
Press **▼** or **▲** while using the handset.

Speaker volume

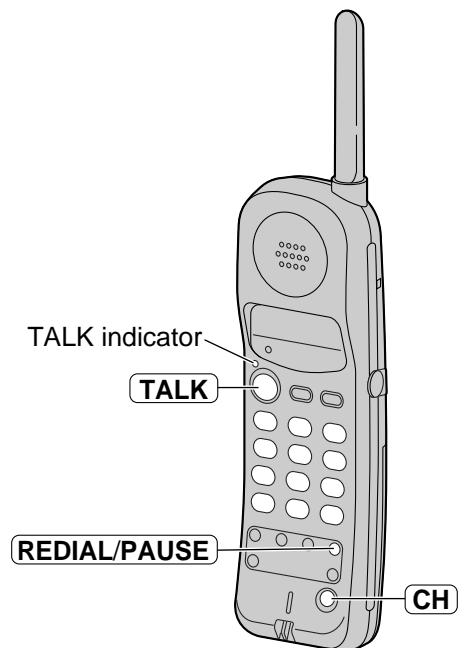
8 levels (high to low) are available.
Press **▼** or **▲** while using the speakerphone.

Making a voice call with the handset

- 1** ■ **Handset is off the main unit:**
Press **TALK**.
 - The TALK indicator will light.■ **Handset is on the main unit:**
Lift the handset and press **TALK**.
 - The TALK indicator will light.
- 2** Dial the telephone number.
 - If you misdial, press **TALK** and start again from step 1.
- 3** When finished talking, press **TALK** or place the handset on the main unit.
 - The TALK indicator will turn off.

Note:

- If an alarm tone sounds when you press **TALK**:
 - move towards the main unit, or
 - place the handset on the main unit.Then try again.
- If the TALK button on the handset is pressed while using the main unit, the call is switched to the handset and the main unit is disconnected.



To redial the last number

Regardless of whether the main unit or the handset was used, the last number dialed will be redialed.

1. Press **TALK**.
2. Press **REDIAL/PAUSE**.

If noise interferes with the conversation

Press **CH** to select a clear channel or move closer to the main unit.

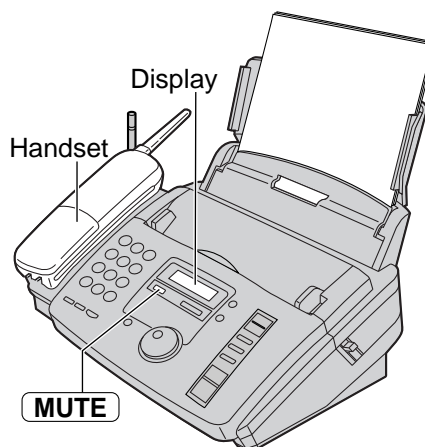
While the handset is in use

On the main unit, the IN USE indicator lights and following will be displayed.

Display: CORDLESS IN USE

Answering voice calls

- 1** ■ **Handset is off the main unit:**
Press **TALK** when the handset rings.
- You can also answer a call by pressing any dial key 0 to 9, *, or #.
(Any key talk feature)
- **Handset is on the main unit:**
Lift the handset when the main unit rings.



- 2** When finished talking, press **TALK** or place the handset on the main unit.

Ringer volume

4 levels (high/middle/low/off) are available.
Press **▼** or **▲** while the unit is idle.

- **To turn the ringer off:**
1. Press **▼** repeatedly until the following message is displayed.

Display:

RINGER OFF= OK?

↑

YES: PRESS SET

2. Press **SET**.

 - To turn the ringer back on, press **▲**.

- **While the ringer volume is set to off:**
The display will show the following message.

RINGER OFF

When receiving a call, the unit will not ring, but will display the following.

INCOMING CALL

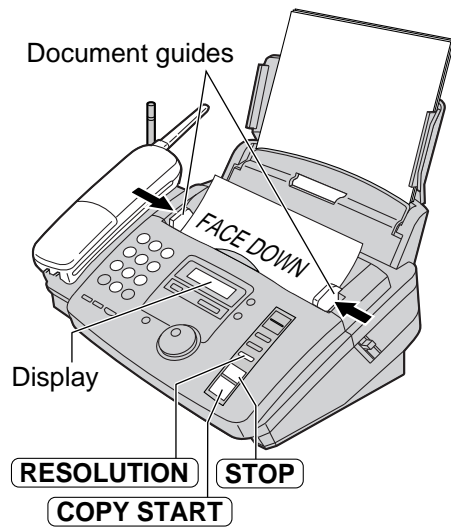
Making a copy

The unit can make single or multiple copies (up to 50). Any transmittable document can be copied.

- 1 Open the document feeder tray.
- 2 Adjust the width of the document guides to the size of the document.
- 3 Insert the document (up to 10 sheets) **FACE DOWN** until a beep tone is heard.
 Display: STANDARD
- 4 Press **RESOLUTION** repeatedly to select the desired setting, if necessary (see below).
- 5 Press **COPY START**.
 Display: NUMBER=1
 - If you need two or more copies, enter the number of copies (up to 50).
- 6 Press **COPY START**.
 - The unit will start printing.COPYING

Note:

- If a resolution is not set, FINE resolution will automatically be selected.
- You can make or receive a voice call while making a copy.



To feed 10 or more sheets at a time

Insert the first 10 sheets of the document. Add the extra sheets (up to 10) before the last sheet is fed into the unit.

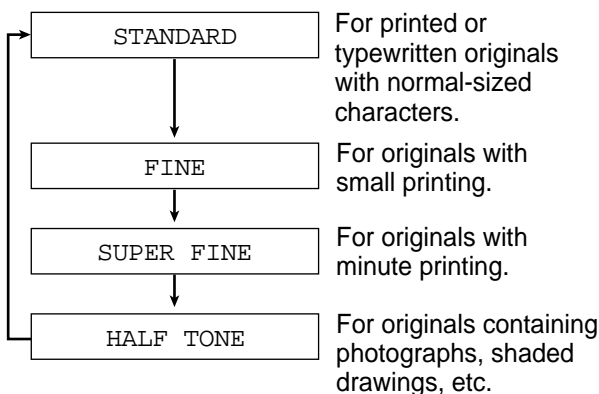
To stop copying

Press **STOP**.

To eject the document, press **STOP** again.

Selecting the resolution

Select the desired resolution according to the type of document.



Note:

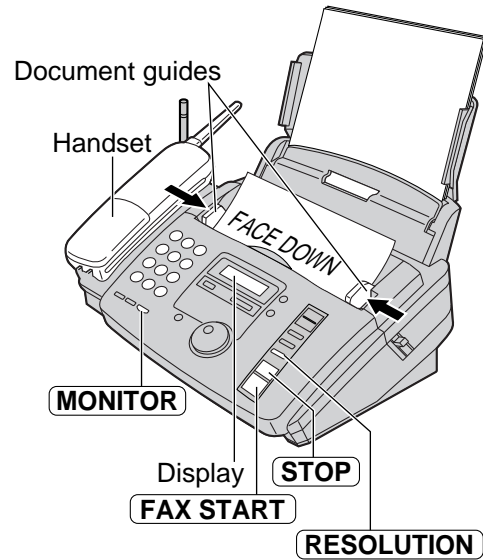
- Using the fine, super fine or half tone setting will increase the transmission time.
- If the resolution setting is changed during feeding, it will be effective from the next sheet.
- The super fine resolution only works with other compatible machines.

When you make two or more copies

The unit will print with sorting. If you wish to print with stacking up, set the sorting feature to off.

Sending faxes manually

- 1 Open the document feeder tray.
- 2 Adjust the width of the document guides to the size of the document.
- 3 Insert the document (up to 10 sheets) **FACE DOWN** until a beep tone is heard.
 Display: STANDARD
- 4 Press **RESOLUTION** repeatedly to select the desired setting, if necessary.
- 5 Press **MONITOR** or lift the handset.
TEL=
- 6 Dial the fax number.
 • If you misdial, hang up and dial again.
- 7 **When a fax tone is heard**, press **FAX START**, and hang up the handset, if using it.
CONNECTING



Note:

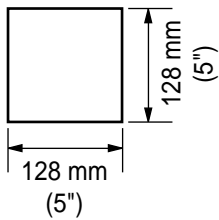
- If the other party answers your call, ask them to start receiving a fax, then press your **FAX START**.

To stop transmission

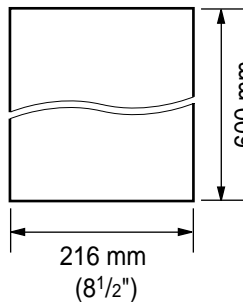
- Press **STOP**.
 To eject the document, press **STOP** again.

Documents you can send

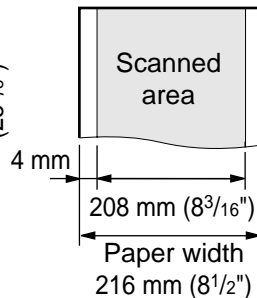
Minimum size



Maximum size



Effective scanning area



Document weight

- Single sheet:
 45 g/m² to 90 g/m²
 (12 lb. to 24 lb.)
 Multiple sheets:
 60 g/m² to 75 g/m²
 (16 lb. to 20 lb.)

Note:

- Remove clips, staples or other similar fastening objects.
- Check that ink, paste or correction fluid has dried.
- Do not send the following types of documents. Use copies for fax transmission.
 - Chemically treated paper such as carbon or carbonless duplicating paper
 - Electrostatically charged paper
 - Heavily curled, creased or torn paper
 - Paper with a coated surface
 - Paper with a faint image
 - Paper with printing on the opposite side that can be seen through the front (e.g. newspaper)

Receiving documents (receive mode, etc.) ---

Setting the receive mode ---

This unit has two receive modes:

The **AUTO RECEIVE** mode allows your unit to receive all calls automatically without your assistance.

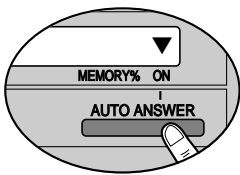
Use this mode when you wish to use the unit solely as a facsimile machine or when you are going out.

The **MANUAL RECEIVE** mode lets you answer calls by lifting the handset. Use this mode when you are in and wish to answer voice and fax calls.

These modes can be selected by pressing the **AUTO ANSWER** button.

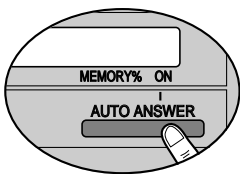
AUTO RECEIVE and MANUAL RECEIVE have two different receive settings.

MANUAL RECEIVE MODE



TEL mode (pre-selected)	Allows you to answer all calls manually.
	<p>When the unit rings, you must answer all calls by picking up the handset.</p> <ul style="list-style-type: none"> When a fax call is received, you can start fax reception by pressing the FAX START button. If you answer a fax call using an extension telephone connected to the same line, you can start fax reception remotely by pressing *9.
TEL/FAX mode	Automatic voice and fax recognition
	<p>When a fax call is detected, the unit will automatically answer the line and start reception.</p> <p>When a voice call is detected, the unit will start to ring. You can lift the handset to answer the call.</p>

AUTO RECEIVE MODE



FAX ONLY mode (pre-selected)	Receives fax documents only.
	<p>The unit will answer all calls automatically and activate the fax function.</p>
EXT.TAM mode	Records voice messages and/or receives fax documents (used with an external telephone answering machine).
	<p>When a voice call is detected, the telephone answering machine will record the voice message.</p> <p>When a fax call is detected, the facsimile unit will receive fax documents.</p>

Receiving documents (receive mode, etc.) (cont.) **===**

Allowing you to answer all calls manually (TEL mode) **—**

1 When the unit rings, press **MONITOR** or lift the handset to answer the call.

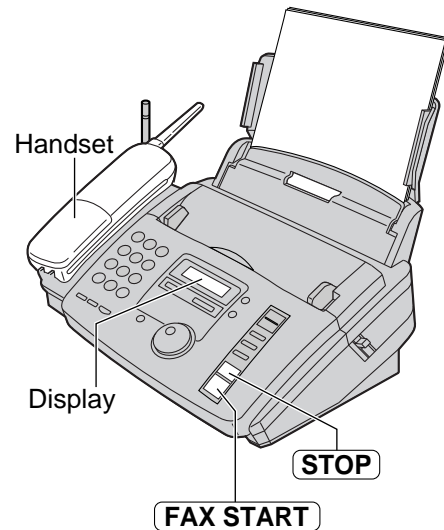
2 When:
— document reception is required,
— a fax calling tone (slow beep) is heard, or
— no sound is heard,
press **FAX START**.

Display: CONNECTING

3 Hang up the handset, if using it.
• The unit will start reception.

Note:

- If you do not answer a call by 15 rings, the unit will temporarily switch to the fax and the caller can send documents.
- If the MANUAL RECEIVE setting is set to the TEL/FAX mode, reset it to the TEL mode.



To stop receiving

Press **STOP**.

Friendly reception

When you answer a call and hear a fax calling (slow beep), the unit will automatically start receiving even if you do not press **FAX START**.

Memory reception

When a printing problem is detected, the unit will temporarily store the received document into memory.

While documents are in memory, the unit will:
— display an error message and the following message alternately;

Display: FAX IN MEMORY

— alert you with a slow beep (Receive alert).

Receiving fax documents only (FAX ONLY mode) _____

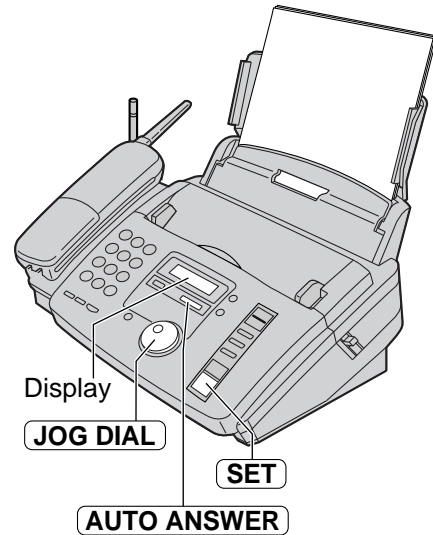
Setting up the unit for fax reception

Turn on the AUTO RECEIVE mode by pressing **AUTO ANSWER** until the arrow (▼) on shown on the right of the display.

- The display will show the following.

Display: ▼
ON

- If the AUTO RECEIVE mode is set to the EXT.TAM mode, reset it to the FAX ONLY mode.
- The unit will automatically answer all calls and only receive fax documents.



List of FCC requirements and information --- ---

If required by the telephone company, inform them of the following.

- FCC Registration No.:
(found on the bottom of the unit)
- Ringer Equivalence No.:
(found on the bottom of the unit)
- The particular telephone line to which the equipment is connected.

This unit must not be connected to a coin operated line. If you are on a party line, check with your local telephone company.

Ringer Equivalence Number (REN):

This REN is useful in determining the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

In the event that terminal equipment causes harm to the telephone network, the telephone company should notify the customer, if possible, that service may be stopped. However, where prior notice is impractical, the company may temporarily cease service providing that they:

- a) Promptly notify the customer.
- b) Give the customer an opportunity to correct the problem with their equipment.
- c) Inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in FCC Rules and Regulations Subpart E of Part 68.

The Telephone Company may make changes in its communications facilities, equipment operations, or procedures where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations in FCC Part 68. If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or

alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.

CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

When programming emergency numbers and/or making test calls to emergency numbers:

1. Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
2. Perform such activities in the off-peak hours; such as early morning or late evenings.

This telephone provides magnetic coupling to hearing aids.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Panasonic Consumer Electronics Company,
Division of Matsushita Electric Corporation
of America**

One Panasonic Way, Secaucus,
New Jersey 07094

**Panasonic Sales Company
Division of Matsushita Electric of
Puerto Rico, Inc.**

Ave. 65 de Infantería, Km. 9.5, San Gabriel
Industrial Park, Carolina, Puerto Rico 00985

PANASONIC Model No. KX-FPC91 Facsimile Products Limited Warranty

Have any questions? CALL 1-800-HELP-FAX (1-800-435-7329) on:
How to operate the unit,
How to get repair service,
How to get supplies.

Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "the warrantor"), will repair this product with new or refurbished parts, free of charge, in the USA or Puerto Rico for one (1) year limited warranty from the date of original purchase in the event of a defect in materials or workmanship.

This Limited Warranty Excludes both Labor and Parts for: batteries, antennas, and cosmetic parts (cabinet).

Carry-in or mail-in service in the USA or Puerto Rico can be obtained during the warranty period by contacting a Panasonic Services Company (PASC) Factory Servicenter listed in the Servicenter Directory. Or call, toll free, 1-800-HELP-FAX (1-800-435-7329) to locate a PASC Factory Servicenter. Carry-in or mail-in service in Puerto Rico can be obtained during the warranty period by calling the Panasonic Sales Company telephone number listed in the Servicenter Directory.

This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty service is rendered.

This warranty only covers failures due to defects in material or workmanship which occur during normal use and (when applicable) does not cover the ink film, the toner cartridge and drum unit or the print and ink film. The inability of this product to interface with any specific computer is not a manufacturing defect and is outside of the scope of this Limited Warranty. In no event shall the warrantor be liable by reason of such incompatibility. The warranty does not cover damages which occur in shipment, or failures which are caused by products not supplied by the warrantor such as non Panasonic ink film, or failures which result from accident, misuse, abuse, neglect, mishandling, faulty installation, misapplication, set-up adjustments, improper operation or maintenance, alteration, modification, power line surge, improper voltage supply, lightning damage, signal reception problems, rental use of the product, or service by anyone other than a PASC Factory Servicenter or a PASC authorized Servicenter, or damage that is attributable to acts of God.

LIMITS AND EXCLUSIONS

There are no express warranties except as listed above.

THE WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to the Customer Satisfaction Center at the company address indicated above.

Servicenter Directory

**For Product Information, Operating Assistance, Literature Request, Dealer Locations, and all Customer Service inquiries please contact:
1-800-HELP-FAX (1-800-435-7329), Monday-Friday 9am - 8pm EST.**

**Web Site: www.panasonic.com
You can purchase parts, accessories or locate your nearest servicenter by visiting our Web Site.**

Factory Servicenters Locations

<p>CALIFORNIA 6550 Katella Avenue Cypress, CA 90630</p> <p>800 Dubuque Avenue S. San Francisco, CA 94080</p> <p>20201 Sherman Way Suite 102 Canoga Park, CA 91306</p> <p>3878 Ruffin Road Suite A San Diego, CA 92123</p> <p>COLORADO 1640 South Abilene Street Suite D Aurora, CO 80012</p> <p>FLORIDA 3700 North 29th Avenue Suite 102 Hollywood, FL 33020</p>	<p>GEORGIA 8655 Roswell Road Suite 100 Atlanta, GA 30350</p> <p>ILLINOIS 9060 Golf Road Niles, IL 60714</p> <p>1703 North Randall Road Elgin, IL 60123 (Pick-up / Drop-off only)</p> <p>MARYLAND 62 Mountain Road Glen Burnie, MD 21061</p> <p>MASSACHUSETTS 60 Glacier Drive Suite G Westwood, MA 02090</p>	<p>MICHIGAN 37048 Van Dyke Avenue Sterling Heights, MI 48312</p> <p>MINNESOTA 7850-12th Avenue South Airport Business Center Bloomington, MN 55425</p> <p>OHIO 2236 Waycross Road Civic Center Plaza Forest Park, OH 45240</p> <p>PENNSYLVANIA 2221 Cabot Blvd. West Suite B Langhorne, PA 19047</p>	<p>TENNESSEE 3800 Ezell Road Suite 806 Nashville, TN 37211</p> <p>TEXAS 13615 Welch Road Suite #101 Farmers Branch, TX 75244</p> <p>WASHINGTON 20425-84th Avenue South Kent, WA 98032</p> <p>HAWAII 99-859 Iwaiwa Street Aiea, Hawaii 96701 Phone (808) 488-1996 Fax (808) 486-4369</p>
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Service in Puerto Rico

Matsushita Electric of Puerto Rico, Inc. Panasonic Sales Company/Factory Servicenter:
Ave. 65 de Infantería, Km. 9.5, San Gabriel Industrial Park, Carolina, Puerto Rico 00985
Phone (787) 750-4300 Fax (787) 768-2910

As of Jan. 2000

Specifications

- | | |
|-------------------------------------|---|
| 1. Applicable Lines: | Public Switched Telephone Network |
| 2. Document Size: | Max. 216 mm (8 ¹ / ₂ ") in width
Max. 600 mm (23 ⁵ / ₈ ") in length |
| 3. Effective Scanning Width: | 208 mm (8 ³ / ₁₆ ") |
| 4. Recording Paper Size: | Letter: 216 mm x 279 mm (8 ¹ / ₂ "x11")
Legal: 216 mm x 356 mm (8 ¹ / ₂ "x14") |
| 5. Effective Printing Width: | 208 mm (8 ³ / ₁₆ ") |
| 6. Transmission Time*: | Approx. 15 s/page (Original mode)
Approx. 30 s/page (G3 Normal mode) |
| 7. Fax Auto Redial: | Up to 5 times |
| 8. Telephone Auto Redial: | Up to 14 times |
| 9. Scanning Density: | Horizontal: 8 pels/mm (203 pels/inch)
Vertical: 3.85 lines/mm (98 lines/inch) — Standard mode
7.7 lines/mm (196 lines/inch) — Fine/Halftone mode
15.4 lines/mm (392 lines/inch) — Superfine mode |
| 10. Halftone Level: | 64-level |
| 11. Scanner Type: | CCD image sensor |
| 12. Printer Type: | Thermal printing |
| 13. Data Compression System: | Modified Huffman (MH), Modified READ (MR) |
| 14. Modem Speed: | 9600/7200/4800/2400 bps; Automatic Fallback |
| 15. Operating Environment: | 5–35 °C (41–95 °F), 20–80 % RH (Relative Humidity) |
| 16. Power Supply: | 120 V AC, 60 Hz (This unit will not function at 50 Hz.) |

*Transmission speed depends upon the contents of the pages, resolution, telephone line conditions and capability of receiving unit. The 15 second speed is based upon ITU-T No.1 Test Chart.

ITU-T No.1 Test Chart



Note:

- Any details given in these instructions are subject to change without notice.
- The pictures and illustrations in these instructions may vary slightly from the actual product.

**Panasonic Consumer Electronics
Company, Division of Matsushita
Electric Corporation of America**

One Panasonic Way, Secaucus,
New Jersey 07094

**Panasonic Sales Company,
Division of Matsushita Electric of
Puerto Rico, Inc. ("PSC")**

Ave. 65 de Infantería, Km. 9.5
San Gabriel Industrial Park, Carolina,
Puerto Rico 00985