

FCC Information

The following information is applicable only to the facsimile machines installed in the United States of America.

Label Identification

This equipment complies with Part 68 of the FCC rules. On the rear of this equipment is a label that contains, among other information, the FCC Registration Number and Ringier Equivalence Number (REN) for this equipment. You may need to provide this information for your telephone company.

Type of Service

This equipment is designed to be used on standard device telephone lines. Connection to telephone company provided coin service (central office implemented systems) is prohibited. Connection to party-line service is subject to state tariffs.

Telephone Company Procedure

The goal of the telephone company is to provide you with the best service it can. In order to do this, it may occasionally be necessary for it to make changes in its equipment, operation, or procedures. If these changes affect your service or the operation of the equipment, the telephone company will give you notice. In writing, to allow you to make any changes necessary to maintain uninterrupted service.

If you have any question about your telephone line, such as how many pieces of equipment you can connect to it, telephone company will provide this information upon request.

In certain circumstances, it may be necessary for the telephone company to request information from you concerning the equipment which you have connected to your telephone line. Upon request of the telephone company, provide the FCC registration number and the Ringier Equivalence Number (REN) which is connected to your line; both of these items are listed on the equipment label and in the Service Information chapter of this guide. The sum of all of the RENs on your telephone line should be less than five in order to assure proper service from the telephone company. In some cases, a sum less than five may not be usable on a given line.

About Interference

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 the 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.

Fax Branding

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

If a Problem Arises

If any of your telephone equipment is not operating properly, you should immediately remove it from your telephone line, as it may cause harm to the telephone network. If the telephone company notes a problem, it may temporarily discontinue service.

When practical, the telephone company will notify you in advance of the disconnection. If advance notice is not feasible, you will be notified as soon as possible. When you are notified, you will be given the opportunity to correct the problem and informed of your right to file a complaint with the FCC.

Lightning

Your unit has built-in protection circuits, which meet or exceed FCC requirements, to reduce the risk of damage from surges in telephone line currents. However, lightning striking near or on these lines can cause an excessive surge of voltage that can damage the phone.

Lightning damage is uncommon. However, if you are concerned about it or live in an area with frequent and/or severe electrical storms, we suggest that you unplug your electronic equipment during the storms.

IC Information

The following information is applicable only to facsimile machines installed in Canada.

Notices

The manufacturer must identify certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and security requirements. The Department does not guarantee the equipment will operate properly in all situations.

The user must ensure that users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be certified using an acceptable method of connection. In some cases, the company's procedures may be associated with a single line individual service may be extended by means of a separate line or a separate telephone extension cord). The customer should be aware that interference with the above conditions may not prevent degradation of service or service interruption.

Repairs or alterations of equipment should be made by an authorized Canadian maintenance organization or by the supplier. Any repairs or alterations made by the user to this equipment or to equipment not functions may give the telecommunications company cause for removal or use to disconnect the equipment.

The user must ensure that it is clear that the electrical ground connections of the power supply telephone lines and internal metallic water pipe system, if present, are connected together. This procedure may be particularly important in rural areas.

Caution
Users should not attempt to make such connections themselves, but should contact the supplier for instructions from a utility or electrician, as appropriate.

The user must ensure that the percentage of the total load in the telephone loop which is used by the device, to prevent interference, is not greater than 10%. The total load may consist of any combination of devices and/or other equipment that the total of the load numbers of all the devices does not exceed the total number of this unit is:

Class B
The total load numbers must not exceed the Class B limits for Radio Frequency noise from Page 10 of the Regulations set out in the Radio Interference Regulations of the Industry Canada.

NOTE: The following information is for each terminal device denotes the percentage of the total load in the telephone loop which is used by the device, to prevent interference. The total load number must not exceed the total number of devices subject only in the requirements for Class B devices. The total number of all devices does not exceed 100.

REMARKS

Renseignements du Industrie Canada

Les renseignements suivants ne s'appliquent qu'aux récepteurs installés au Canada.

Avis

L'étiquette du Industrie Canada (C) est une marque d'identification d'appareil certifié. Cette certification signifie que l'appareil répond à certains critères de sécurité et d'utilisation. Cependant, le Ministère ne peut pas garantir que l'appareil rencontrera les exigences de son utilisateur.

Avant de faire l'installation de l'appareil, l'utilisateur devrait s'assurer qu'il pourra brancher son appareil en utilisant les services généralement offerts par la compagnie téléphonique de sa région. Il faut s'assurer de brancher convenablement l'appareil. Dans certains cas, le système interne de communication d'une compagnie possède aussi une ligne individuelle qu'il vous sera possible d'utiliser avec un dispositif d'assemblage certifié (trahage de téléphone). L'utilisateur devrait se renseigner afin de faire une bonne utilisation de son appareil et de ne pas nuire au système interne de communication de la compagnie.

Toute réparation d'un appareil certifié devrait être effectuée dans un centre d'entretien approuvé par le fournisseur. Toute réparation ou modification approuvée par l'utilisateur à son appareil ou tout problème de fonctionnement pourrait faire perdre votre compagnie téléphonique à débrancher votre appareil.

L'utilisateur devrait s'assurer que les raccordements de mise à la terre de l'alimentation, des lignes téléphoniques et du système de tuyauterie hydraulique, si présent, soient tous reliés ensemble. Cette mesure de sécurité est importante surtout en milieu rural.

Mise en garde

L'utilisateur ne devrait pas essayer de faire de tels raccordements seul; il devrait faire appel à du personnel qualifié ou à un électricien selon le cas.

Le numéro de raccordement (N) se rapporte à chaque appareil et détermine le nombre maximum de raccordements afin d'éviter une surcharge. La bande peut comprendre plusieurs choix différents fait et aussi longtemps que le total des numéros de raccordement ne dépasse pas la somme de 100.

Le numéro de raccordement de votre appareil est:

Classe B


Cet appareil n'exécute pas les limites de la classe B pour les émissions de parasites radio à partir d'un appareil numérique diabolis par le règlement sur les parasites radio du Industrie Canada.

L'indice de charge (C) assigné à chaque dispositif terminal indique, pour éviter toute surcharge, le pourcentage de la charge totale qui peut être raccordée à un circuit téléphonique branché utilisé par ce dispositif. La terminaison du circuit branché pour être constituée de n'importe quelle combinaison de dispositifs, pourvu que la somme des indices de charge de l'ensemble des dispositifs ne dépasse pas 100. L'indice de cet produit est:

Thank You for Choosing Samsung

Thank you for choosing Samsung! Your new machine represents the very latest technology. This is a full-featured, high-performance machine built to strict quality standards set by Samsung—the highest in the industry. We're proud to offer you a product that will provide convenient, dependable service for years to come.

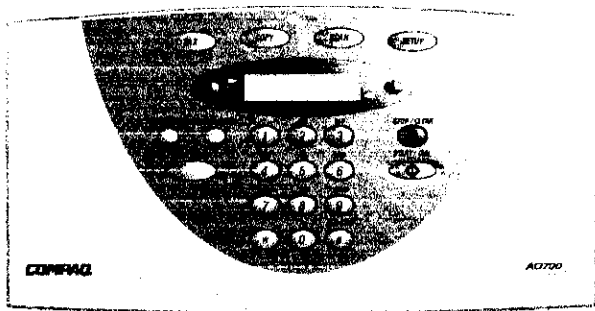
Important Safety Information

 Always be careful when using the machine. To reduce the risk of fire, electrical shock, and other injuries, keep these safety considerations in mind when installing, using, and maintaining your machine:









- **Stability:** Place the machine on a secure, stable surface. The machine can cause serious damage if it falls.
- **Power Supply:** Provide the correct power to the machine, as listed on its back. If you aren't sure of the type of power that's supplied to your home or office, call your electric company.
- **Grounding:** If the plug has three prongs, it must be plugged into a grounded (three-hole) outlet. Grounded plugs and outlets are designed for your safety—don't try to make a three-prong plug fit into a two-prong outlet by modifying the plug or outlet in any way. If you can't insert the plug into your wall outlet easily, the outlet should be inspected by a qualified electrician.
- **Overload:** Don't plug too many electrical devices into a wall outlet or extension cord. An overloaded outlet is a fire and electrical shock hazard.
- **Cleaning:** Before cleaning the machine, unplug it from both the power outlet and the telephone jack. Clean exposed parts with a soft cloth slightly dampened with water. Don't use aerosol cleaners.
- **Thunderstorms:** Unplug electrical appliances during thunderstorms. Avoid using any telephone (except a cordless model) during a lightning storm, since there's small chance you could get an electrical shock from lightning.
- **Gas Leaks:** Never use any telephone close to a gas leak. If you think gas is leaking, call the gas company immediately, but use a telephone far away from the leak area. A small electrical spark in the telephone could cause a fire.

Control Panel




require pressing of other buttons (example start to print a report, or keys 0 to 9 to input numeric information).



Control Panel Features and Functions

Button	Function
	Press this button to fax documents from the All-In-One
	Press this button to make copies
	Press this button to scan documents to your computer.
	Press this button for menus that provide access to system setup, cartridge maintenance and printing reports
	Press this button to cycle through all the applicable menu options for the current job. Pressing this button repeatedly displays which options are set in each menu without changing them. (See options key to change the menu option selected.
	Press this button to redial the last number called. You can also use it to add a three-second pause when entering a telephone number for subsequent dialing.
TBD	Press the form feed button to eject paper from the All-In-One if the paper is not fed out after printing is complete. You can use the form feed button to load paper into place when paper has run out during computer printing.
	Press this button to Use to print out Control forms or to initiate a control form job
	Options Button – use this button to cycle through all the possible setting in the current menu (see Menu Button). The option that is displayed when you leave the menu is the one that is selected. Note that in the SETUP menu some options

Features and Functions, continued

	Stop/Clear Button. Use this key to stop the currently displayed task or input. In addition, during numeric input this key will delete the last digit entered and holding down for 2 seconds will delete all the numeric keys entered.
	Start Button. Use to start the selected operation
TBD	Number Keypad Buttons. Use to enter phone numbers (examples are phone numbers, copy quantity etc)
	Speed Dial. Use to enter # button when entering telephone numbers. If pressed when system in idle state provides access to speed dial menu

Using the Control Panel

You can perform many of the needed tasks from the control panel.

Select a Task

To use the control panel, place a document in the document tray (if required). Then press the button that corresponds to the task to be performed.


Task Options

If you want to:	Press this button:
Send a fax	FAX
Send a fax to a speed dial location	#/SPEED
Send a fax to the last number called	PAUSE/REDIAL
Copy a document	COPY
Scan a document to a host computer	SCAN
Print a Control form or start a Control Form job	CONTROL FORM
Dial using On Hook Dial	START
Setup receive modes, clean or align an ink cartridge, print reports	SETUP

Customize Your Selection

If applicable, use the Number Keypad Buttons to enter the telephone number or destination. Use the menu key to verify that the options for the task are. If required,

use the options key (to the right of the LCD display) to change the Menu option.

 Any changes made to the menus (except SETUP) only apply for the current job. When the task is started (for example, pressing the start key) or aborted (by pressing the STOP key or selecting a different task) the options revert to their default state. The default state is changeable from the host computer. The options also revert to their default state after one minute of keyboard inactivity.

Start the Operation

Press the START key to initiate the selected task

LCD Display

When setting up a FAX, COPY or SCAN task both lines of the LCD display are used to display the current menu options set for the current task.

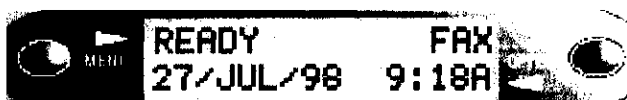
When the All-In-One is idle the 2 line LCD display provide the user with information as to the status of the All-In-One as described below

Top Line Display

The top line of the indicates READY when the All-In-One is idle. The top line also displays the current receive mode, such as Fax, TEL., ANS/FAX, or DRPD.

Bottom Line Display

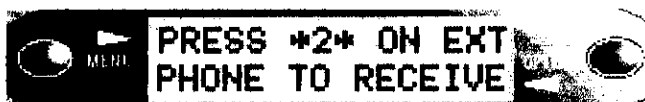
The lower line gives date and time.



LCD Status Information

Lifting the Set

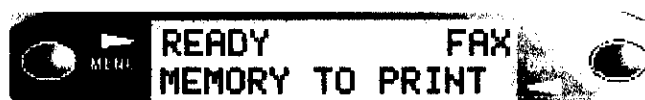
Lifting the handset on an optional external telephone will give the following display. The number "2" in the display is programmable from zero through nine from the computer control application.



Memory to Print

This LCD displays the following when a fax or copy has been received into memory. However, if printing does not start because of a resource error associated

with the All-In-One, then task is suspended until the problem is cleared.



This LCD displays the following when faxes have been scanned. However, if the fax is not sent successfully because of a resource or error condition associated with the fax, then the task is suspended until the fax becomes available.



In addition, when user action is required to clear a problem the display is used to indicate to the user the action he needs to perform. These conditions have a higher priority than the information displays above.

The top line of display gives All-In-One related alarms and the lower display give scanner and memory related alarms.

When more than one error condition exists, it is presented to the user in the priority order indicated.

LCD Paper display

The LCD displays the following messages when paper becomes jammed in the scanner.



The LCD displays the following sample message when paper is jammed in the All-In-One.



The LCD displays the following sample message when there is no paper in the All-In-One.



The LCD displays the following sample message when the ink cartridge needs to be replaced.



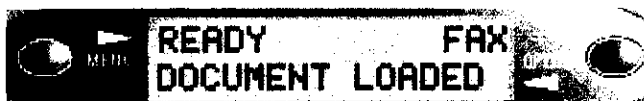
Scanning Using the Control Panel

Scanning can be initiated from the front panel of the All-In-One using either the front panel or a Control Form. In addition the provided TWAIN driver supports scanning from the bundled applications as well as all your favorite computer applications.

Sending a Scan:

To send a scan, complete the following steps.

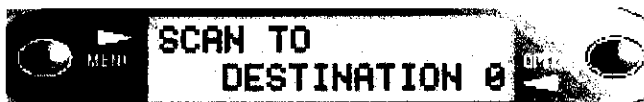
1. Place the document(s) to be scanned **face down** on the document input tray. The LCD displays the following:
2. Adjust the document guides to match the width of the document, if necessary.
3. Slide document into the tray until the machine grips the first sheet. The lower LCD will display the message



4. Press the SCAN button.



5. Select the SCAN TO destination.

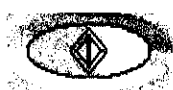


6. Use the OPTIONS button to cycle through the available choices. Press the Options buttons twice until the desired destination is displayed.

IMPORTANT: Scan destinations must have been previously set up using the computer Control Application.



7. Press START.




The All-In-One will then contact the host computer and scan all the documents in the Document Input Tray to the chosen destination.

Other Scanning Controls

In addition to the telephone number, the scan resolution and contrast can also be adjusted. This is done using the MENU and OPTION keys located on the left and right side of the LCD.

To set the scan resolution and contrast:

1. First press the MENU key until the menu you wish to change is displayed
2. Press the OPTIONS button until the desired option is selected.
3. Press MENU to go to the next menu or
4. Press START to start the SCAN. You can use the STOP button to exit (abort) the job at any time.

 All scanning activities require the host computer to be connected and available.

Setting the Scan Type

1. Press MENU Button to go to the SCAN TYPE menu
2. Press OPTIONS BUTTON to select the scan type. The LCD Displays the following:



Setting the Scan Contrast

1. Press MENU button to go to the SCAN CONTRAST menu.



2. Press OPTIONS button to cycle to the next SCAN CONTRAST option.



Press START BUTTON to send SCAN (or MENU button to return to SCAN TO menu)



Speed Dial Using the Front Panel

There is no SCAN related function in the SETUP menu.

From the computer Control Application is possible to set the following SCAN related defaults

DEFAULT SCAN RESOLUTION

DEFAULT SCAN CONTRAST

Scanning from the computer

TBD

Scanning using SmartForm

TBD

Testing the Scanning Function

TBD

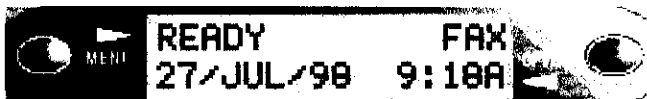
Troubleshooting the Scan Function

TBD

Copying Using the Control Panel

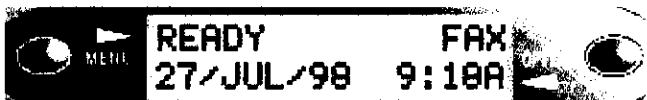
Copying can be initiated from the front panel of the All-In-One using either the front panel or a Control Form. It can also be done from the PC Control application shipped with the system.

Until a task is selected, the LCD displays READY.



Using the Front Panel to Copy

1. Place the document(s) to be scanned **face down** on the Document Input Tray. The LCD displays the following message:



2. Adjust document guides to match the width of the document, if necessary.
3. Slide document down into the tray until the machine grips the first sheet. The lower LCD will display the message:



4. Press the COPY button.



5. Use the Number Keypad to enter the number of copies to be made.
6. Press START.

The All-In-One will then make the requested copies of all the documents in the Document Input Tray. Note that for some types of copies the PC may be required.

Other Copying Controls

In addition to the copy quantity, the copy type, contrast, size and collation can also be adjusted. This is done using the MENU and OPTION keys located on the left and right side of the LCD. To adjust the copy type, contrast, size and collation, complete the following procedure.

1. Press the MENU key until the menu you wish to change is displayed.
2. Press the OPTIONS button until the desired option is selected. At this point, you may press MENU to go to the next menu or START to start the COPY. You can use the STOP button to exit (abort) the job at any time.

Copy Size Menu

When in the COPY SIZE menu, press the numeric keys to enter the required scale size (25% to 200 % in 1-percentage intervals). Pressing the numeric keys will automatically switch to the COPY SIZE CUSTOM menu. This menu is unique in that the current set value lasts from job to job until changed again.

Some copy operations can be done stand-alone. Others require the All-In-One to assist in the copy operation. The table below identifies which selections will require computer assistance.

Copy Process Table

* Table assumes 1 to 20 originals

Copy Type	Size	Copies	Process
Black Express or Black Text	100%	1	Direct stand alone copy. Scan and print simultaneously.
Black Express or Black Text	100%	>1 to 99 max	Direct stand alone copy.
Black Express or Black Text	<>100%	1 to 99 max	Scan all pages to memory then print
Black Photo	100%	1	Direct standalone copy. Scan and print simultaneously.
Black Photo	100%	>1 to 99 max	Computer assisted copy. Scan all pages to the computer, then print.
Black Photo	<>100%	1 to 99 max	Computer assisted copy. Scan all pages to the computer then print.
Color	100%	1 to 99 max	Computer assisted Copy. Scan all pages to the computer then print.

Selecting the Scan Type

1. Press MENU Button to go to COPY TYPE menu.
2. Press OPTIONS BUTTON to select the scan type. The following message appears on the LCD.



3. Press MENU button to access the COPY CONTRAST menu



4. Press OPTIONS button to cycle to the COPY CONTRAST option



5. Press START BUTTON to COPY (or MENU button to go to next menu item)



Other COPY Related Features

There is no COPY related function in the SETUP menu.

Scan Defaults

From the computer Control Application, you can set the following SCAN related defaults

- DEFAULT COPY TYPE
- DEFAULT COPY CONTRAST
- DEFAULT SIZE (select between one of the 5 fixed or Custom as default selection)
- DEFAULT COLLATE

Copying from the PC

TBD

Copying using SmartForm

TBD

Testing the Copying Function

TBD

Trouble Shooting the Copying Function

TBD

Faxing Using the Control Panel

Faxing can be done from the front panel of the All-In-One using either the front panel or a control form. In addition, the supported fax software can be used to send or receive faxes using the All-In-One telephone line connection.

Until a task is selected, the LCD on the control panel displays READY.



Sending a Fax

To send a fax using the Control Panel, complete the following steps.

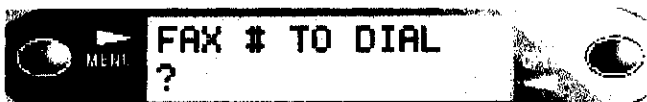
1. Place the document(s) to be faxed **face down** on the Document Input Tray.
2. Adjust document guides to match the width of the document, if necessary).
3. Slide document down into the tray until the machine grips the first sheet. The lower LCD will display the message "DOCUMENTS LOADED":



4. Press the FAX button.



The following displays on the LCD.



5. Enter the FAX number using the Numeric Keys.
Pressing the Pause/Redial key when entering a number will insert a "P" into the number. When the All-In-One dials the "P" will result in a three-second delay before sending the next digit. This is useful when you have dial a number and wait for an outside line



6. Press Start.

The All-In-One dials the entered fax number, on successful connection, scan, and transmits the fax.

Other Fax Controls

In addition to the telephone number, the fax resolution and contrast can also be adjusted. Use the MENU and OPTION keys located on the left and right side of the LCD.

To adjust the fax resolution and contrast, complete the following steps.

1. Press the MENU key until the menu you wish to change is displayed.
2. Press the OPTIONS button until the desired option is selected.
3. Press MENU to go to the next menu or START to start the FAX. Of course, you can use the STOP button to exit (abort) the job at any time.

If the system has been set up to FAX MEMORY XMIT on in the SETUP menu, then the SUPER FINE options are not available. When FAX MEMORY XMIT is OFF then FINE PHOTO is not available. See Other Fax Related Features below.

Other Fax Related Features

Fax Resolution

1. Press MENU button until you see the to resolution menu.



2. Press the OPTIONS BUTTON to change resolution.



Speed Dialing

Up to 70 speed dial numbers are set up on the host computer using the computer Application Software provided with the All-In-One. Once the speed dial numbers are set up, they can be accessed from the front panel by pressing the #/SPEED DIAL button instead of the FAX button.

When this is done the first or last two digits will select a speed dial number, and the name associated with the speed dial number will be displayed in the lower LCD display.

The **OPTIONS** button can also be used to cycle through all the speed dial destinations as an alternate method to remembering or looking up the speed dial number.

Redial

Pressing Redial is the equivalent of pressing **FAX** then entering the last number. From this point on the system, behave the same as described above. You can also modify the number using the **CLEAR** and numeric keypad.



If the last number dialed was a **SPEED DIAL** then pressing, the Redial key will display the number for that speed dial. This may be more convenient than printing out the speed dial list or going into the computer applications to verify a speed dial number.

On Hook Dialing (OHD)

This feature provides the ability to dial a number, optionally negotiate an automated answering system and then receive or send a fax.

Because there is no microphone in the All-In-One, it is only possible to listen. See the section on external telephone for details on how to talk to the called location.

For OHD, complete the following procedure:

1. From the **READY** menu place documents face down on document input tray if you plan to send a fax
2. Press **START/DIAL** button to simulate lifting the handset.
3. Dial the number just as you would on a telephone.



Make sure to dial the number carefully. If you make a mistake, you will not be able to use the backspace key. As you press each digit, the number is dialed.

When the called station answers then you can listen to the answering message. A volume control **MENU** is available when you press the **MENU** button. If desired, select this menu and adjust the speaker volume as desired using the **OPTIONS** button.

When you are ready to send (or receive if no documents are loaded in the Document Input Tray) and you hear the **FAX Tones** just press **START** to initiate the **FAX**.

Changing Speaker Volume

To change the volume, press the **MENU** button until this display appears. Then use the **OPTIONS** button to select the desired volume. You can then press the **MENU** button to go to another menu (such as the enter telephone number menu) and continue dialing or responding to the answering message.



Confirming Transmission

When the last page of your document has been sent successfully, the machine beeps and returns to the **READY** state. If something goes wrong during the fax transmission, and error message appears in the LCD display.

If you receive an error message, press **STOP** to clear the message and try to send the document again.

Using the computer Software a confirmation report can be selected for printing each time faxing is completed.

Automatic Redial

When you send a fax, if the number you have dialed is busy or there is no answer, the All-In-One hangs up, waits for a specified interval and redials the number. If after a specified number of retry attempts (retry count) the All-In-One fails to connect, the machine returns to the **READY** state. When this occurs the LCD display show retry count and the number of minutes left before the next retry.

The retry interval and count can be set from the computer control application.


Receiving a fax

The All-In-One has four receiving modes

- In **FAX** mode, the All-In-One answers and incoming call and immediately goes into receive mode, waiting for the fax to be sent.
- In **ANS/FAX** mode, the answering machine answers the incoming call and the caller can leave a message on the answering machine. If the All-In-One senses a fax tone on the line, the call automatically switches over to the All-In-One. To use the **ANS/FAX**, you have to attach an answering machine to the **EXT.** socket on the All-In-One

- In TEL mode, automatic fax reception is turned OFF. You can receive a fax only by picking up the handset and pressing START
- In DRPD (Distinctive Ring Pattern Detection) mode, the All-In-Ones will only answer call on the line that has a specific ring pattern. It then immediately goes into receive mode, waiting for the fax to be sent. The computer control application can be used to teach the All-In-One the ring pattern it is to respond to.

See the SETUP section for information as to how to select the desired receive mode. Note that DRPD mode can only be setup from the computer Control Application. The current receive mode is displayed in the READY state at the right hand end of the top LCD display.

 While you are printing from the computer to the All-In-One, an incoming fax will be received into memory. The memory can store up to 40 pages but remember that other tasks, such as copying or sending a fax with MEMORY XMIT on, will also consume memory. If you have a lot of pages to print, we recommend stopping the computer printing to prevent the memory from becoming full


Receiving automatically in FAX mode

1. Use the SETUP menu to select FAX mode and setup the Ringer Volume
2. When you receive a call the All-In-One answers the call on the second ring and receives a fax automatically. From the computer Application you can change the number of rings.

Receiving manually in TEL mode using an extension telephone

This feature only works when you are using an extension telephone connected to the EXT jack on the All-In-One. You can receive a fax from someone you are talking to on the extension telephone without having to go to the All-In-One control panel.

1. Use the SETUP menu to select TEL mode and setup the Ringer Volume
2. If you receive a call on the extension telephone and hear fax tones, press the buttons *9* (star-nine-star) on the extension telephone. Press these buttons slowly in sequence. If you still hear the fax tone and do not hear the sound indicating data transfer from the remote machine, try pressing *9* once again.

 *9* is the default setting but the 9 can be changed to any digit using the computer control application.


3. The machine receives the document. Replace the handset on the extension telephone.


Note – you cannot send a fax in this mode.

Receiving automatically in ANS/FAX mode

To use this mod you must attach an answering machine to the EXT jack on the All-In-One

1. Use the SETUP menu to select ANS/FAX mode and setup the Ringer Volume
2. When you get a call, the answering machine answers it. If the caller leaves a message, the answering machine stores the message normally. If the All-In-One hears a fax tone on the line, the receive fax mode is activated.

 If you have set the All-In-One to ANS/FAX mode and your answering machine is turned off, or no answering machine is connected to the All-In-One, the All-In-One will automatically switch to FAX mode after 6 rings.

 If your answering machine has a 'user-selectable ring counter', set it to answer incoming calls within 1 ring.

Receiving automatically in DRPD mode

'Distinctive ring' is a telephone company service that enables a user to use a single telephone line to answer several different telephone numbers. The particular numbers that someone calls is identified by a distinctive ringing pattern consisting of various combinations of long and short ringing sounds.

Use the computer Control Application to teach the All-In-One the ring pattern that it should answer. Use the SETUP menu to setup the Ringer Volume. Note that DRPD can only be turned ON and OFF from the computer Application program. When it is turned of the previous setting of FAX, TEL, ANS/FAX will be restored.

When the Distinctive Ring Pattern is detected the All-In-One answers the call on the second ring and receives a fax automatically. From the computer Application you can change the number of rings. All other ring patterns will be ignored.

Automatic Receive to Memory

If the All-In-One is set to receive a fax automatically and one of the following conditions exists

- the All-In-One path is busy (you are making a copy, printing a list, printing from the computer)
- the Printer Paper input tray is empty,
- a paper jam has occurred,
- the black ink level is below the minimum ink level

The incoming faxes are automatically stored to memory in the All-In-One. When this happens, the message "MEMORY TO PRINT" is displayed in the lower LCD, and the cause in the top LCD display. For example, if the Printer Paper Input Tray is empty then the following would be displayed



Once the error condition is cleared, the documents in memory will print.

Other Fax Related Features

From the SETUP menu on the All-In-One front panel the following can be selected:

1. FAX MEMORY XMIT - When FAX MEMORY XMIT is ON all faxes are scanned to memory before sending which can be more convenient as the originals are returned to the user before the fax is sent.
2. FAX RECEIVE MODE – See Receiving a fax above
3. FAX PRINT QUALITY – can be set to LETTER QUALITY (Slow speed high quality) or DRAFT QUALITY (high speed, low quality)
4. RINGER VOLUME - and be set to OFF, LOW, MEDIUM and HIGH volumes
5. SET DATE AND TIME –
6. PRINT RECEIVE LOG
7. PRINT TRANSMIT LOG
8. PRINT SPEED DIAL LIST

From the computer Application the following can be selected

9. FAX MEMORY XMIT – see above
10. FAX RECEIVE MODE – can select FAX, Tel FAX/ANS
 1. FAX PRINT QUALITY- see above
12. FAX PAPER SIZE – can be set to Legal, Letter or A4

13. MESSAGE CONFIRM – can be turned ON or OFF. When ON a confirmation report is printed at the end of each fax job
14. AUTO JOURNAL- can be selected ON or OFF. When ON a journal of all FAXES sent from the All-In-One will be printed every 40 transmissions or receptions
15. REMOTE RECEIVE CODE – when using telephone connected to the EXT jack, press *n* on the telephone keypad can be used to remotely start a fax reception. From the computer Application, the "n" can be set to any key 0 to 9. Nine is the factory default. Note that feature will only work if the extension telephone is plugged into the EXT jack on the All-In-One, it is not available on an extension telephone connected top the LINE jack.
16. DIAL MODE – selects TONE ore PULSE dialing
17. AUTO REDUCTION – When turned ON if a received document is as long or longer than the paper installed in the All-In-One, the All-In-One will reduce the data in the document to fit the FAX PAPER SIZE selected. (Note this does not apply to COPY mode)
18. VERTICAL REDUCTION – If AUTO REDUCTION is turned ON you can also turn ON VERTICAL REDUCTION. When this is ON the incoming document will only be scaled in the vertical direction. This will give better detail but distort the horizontal to vertical aspect ratio. For example, a circle will be squashed into an ellipse.
19. DISCARD SIZE – When receiving or copying a document as long or longer than the paper initialed in the All-In-One, you can set All-In-One to discard any excess image at the bottom of the page to fit into the recorded paper size. If the received page is out side the margin that you set, it will be printed on two sheets of paper at the actual size. If data is within the margin and he AUTO REDUCTION feature is turned ON, it will be reduced to fit the selected FAX PAPER SIZE. (Discard does not take place). If the AUTO REDUCTION FEATURE is turned OFF, or fails, the data within the margin will be discarded. The discard size entered in the computer Control Application is measured in mm.
20. RETRY COUNT – The retry count can be set to 0, 1 or 2 retries
21. RETRY INTERVAL - This can be set for 1 through 7 minutes
22. ANSWER ON RINGS – This can be set for 1 through 7 rings
23. PRINT RTI (Receive Terminal Identification)– When selected ON will the All-In-One will print the page number, date and time of reception on the bottom of each page of a received document
24. DRPD (Distinctive Ring Pattern Detection) MODE - see above and the computer control Application for setup details.
25. ECM (Error Correction Mode) – this can be turned ON or OFF. When ON, this compensates for poor line

quality and assures error free transmission with any other ECM equipped fax machine. If the line quality is poor, the transmission time may be increased when ECM is ON.

26. SET SYSTEM ID AND PHONE NUMBER – The system ID and telephone number can be stored in the All-In-One for the computer control Application. They are printed on the top of each page transmitted.
27. SET DATE AND TIME – From the control program there are three ways to set the date and time. It can be entered directly, the All-In-One can be synchronized to the computer's real time clock or the computer's real time clock can be synchronized to the All-In-One clock
28. CLEAR TX-RX JOURNAL MEMORY
29. PRINT RECEIVE LOG
30. PRINT TRANSMIT LOG
31. PRINT SPEED DIAL LIST

Setting Defaults for the menus –

Any changes made to all menus (except SETUP) only last for the current job. When the task is started. For example, pressing the start key) or aborted (by pressing the STOP key or selecting a different task) the options revert to their default state (the default state is changeable from the host computer). They will also revert to there default state after one minute of keyboard inactivity.

From the computer Control Application is possible to set the following FAX related defaults

DEFAULT FAX RESOLUTION

DEFAULT FAX CONTRAST