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Fold open this manual for information about this telephone's installation and operation. Please read Part 1 - Important Product Information, included in this package.


Part 2
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NOTE：This telephone requires a modular telephone jack．

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If you have a wall－mounted telephone， remove the telephone from the wall and follow these instructions：

## 1 Remove the base．

2 Connect line cord to telephone． Plug the seven－foot line cord into the LINE jack on the bottom of the telephone．
3 Attach the base．
Turn the base so that the larger end of the base is toward the top of the telephone．Attach the base by inserting the tabs into the slots． Push down on the large end of the base to lock it into place．
4 Connect the line cord to your modular jack．
Plug the free end of the line cord into a modular jack．Make sure it snaps firmly into place．
5 Connect handset to telephone． Plug the coiled cord into the hand－ set jack on the side of the phone． Plug the other end of the coiled cord into the handset，and then hang up．

## 6 Check for dial tone．

Lift the handset and listen for a dial tone．If you cannot hear a dial tone，turn to＂In Case of Difficulty．＂

1 Remove the base．
2 Connect the line cord to telephone．
Do not unbundle line cord．Plug the seven－foot line cord into the LINE jack on the underside of the phone．Leave enough cord free to connect to the wall jack，but keep any excess cord unbundled．Store the bundled cord in the open area under the set．
3 Attach the base．
Turn the base so that the larger end of the base is toward the bot－ tom of the telephone．Attach the base by inserting the tabs into the slots．Push down on the large end of the base to lock it into place．
4 Reverse handset tab．
To mount the telephone on a wall， you must reverse the handset tab． This tab holds the handset when you hang up．
Hold down the switchhook，and slide the tab up and out of its slot（Figure 1A）．Turn the tab so that the curved end is up（Figure 1B）．Then insert the tab back into its slot（Figure 1C）．

5 Connect the line cord to modular wall jack and mount phone onto wall jack．
Make sure the cord snaps firmly into place．Place the phone on the wall jack mounting studs and pull down until it is held securely．
Follow Steps 5 and 6 under＂Table＂ Installation．

This telephone will work with tone or dial pulse（rotary）service．Even when set to dial pulse service，the phone can be switched temporarily to tone， for access to services that require tone signaling，including some tone－ activated computer systems．
This product comes set in the touch－tone mode．Make sure you choose the correct dialing method； touch－tone dialing will not work if you have dial pulse service．
After the telephone is plugged in，if you have dial pulse（rotary）service， lift handset and press Phoaham， ？$_{\text {，}}$ （4，3，3．To change back to touch tone service，lift the handset，then press PROGAMM，图，回，回，图．
Hang the handset up for dial mode selection to take effect．
To switch from pulse to tone dialing
during a phone call，see＂Temporary
Tone Dialing．＂


Figure 1A


Figure 1B


Figure 1C


Turns speaker on and makes a call

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Lift the handset to make and receive calls as you usually would．

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NOTE：The red speakerphone light will go on when the speakerphone is being used．
To make a call using the speaker－ phone，press and hold SPEAKER until the speakerphone light comes on，wait for dial tone，then dial（either manual－ ly or using the memory feature）．
To answer a call using the speaker－ phone，press and hold SPEAKEA until the speakerphone light comes on （do not lift handset）．When the call is finished，press SPEAKER again to hang up．
To switch from handset to speaker－ phone，press SPEAKEA．To switch from speakerphone to handset，lift the handset．
NOTE：Using an extension phone is not recommended while using the speakerphone．

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The VOLUME button adjusts the speaker or the handset during your call．Adjusting one does not affect the other．
When on a call，press $\boldsymbol{\Delta}$ to increase volume， $\boldsymbol{\nabla}$ to decrease volume．

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The telephone stores in memory the last number you called．The number （up to 24 digits）will remain in the Redial memory until you dial another number．
To dial the same number again，lift the handset or press SPEAKEA，listen for the dial tone，and press REOIAL． To erase Redial，lift the handset or press SPEAKEA，press PROGAAM， REEDAL，then PROGAAM again．

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The Hold feature allows you to keep a call on the line while you step away from the phone or while some－ one takes the call on an extension phone．When a call is on Hold，the red HOLD light flashes，and nothing either party says can be heard．You cannot access any special features．
To activate，press and release HOLD， and place the handset back in the cradle．When using the speaker－ phone，press and release HOLD．
To release Hold，lift the handset from the cradle or press SPEAKER
—OR－
Lift the handset of an extension phone of the line on Hold —OR－
If the handset is not in the cradle， press［SPEAKER］or lift the handset and press HOLD．

The Mute feature allows you to hear your caller，but your caller will not be able to hear anything you say．
Press and release MUIE（the red MUTE light goes on）to talk private－ ly with someone else in the room without the person on the phone hearing you．Press and release（MUTE again（the MUTE light goes off）to continue your conversation with the other party．

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The Flash feature is useful if you have subscribed to custom calling services from your local telephone company．
Press FLLSH instead of the switch－ hook to activate services such as call waiting or three－way calling．
You may have to press other buttons before or after FLLASH as explained in the custom calling instructions provid－ ed by your local telephone company． The FLASH button is used only as a substitute for pressing the switchhook．

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If you have rotary service，you can change from pulse to tone dialing during a call by pressing ${ }^{*}$ ．This is useful if you need to send tone signals for access to telephone banking or long－distance services．

## EXAMPLE：

1 Dial a number．
2 Press and release 团；all keys pressed after this will send tone signals．
3 After you hang up，the phone automatically returns to rotary service．
Digits pressed after ${ }^{\dagger}$ will not be stored in Redial．

The RINGER volume switch allows you to turn the telephone ringer OFF，or to set it to ring at LO or HI volume．You can dial or answer calls normally with the ringer off．Other telephones in your home will still ring；they are not affected by the switch．

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Capacity：This telephone can store up to 32 telephone numbers，up to 24 digits long．
One－Touch Dialing：The 16 white spaces on the directory card are one－ touch memory locations．You can dial one of these numbers by pressing the memory button next to the number．
Two－Touch Dialing：The 16 gray spaces on the directory card are two－ touch memory locations．To dial one of these numbers you must press ［OWEA，then the memory button next to the number．
Directory Card：Remove the plastic cover and the directory card which is on the base．Write your telephone numbers in the spaces provided， and write the telephone numbers （or names）that you want to store in each memory location．
NOTE：You may choose to store emergency numbers in memory locations．This feature is provided only as a convenience and the manu－ facturer assumes no responsibility for customer reliance upon the memory feature．Programming／testing of emergency numbers should be performed in the early morning or late evening（off－peak）hours．

## Storing Numbers

1 Lift the handset or press SPEAKEA． You will hear a dial tone．
2 Press and release PROGAAM．
3 Dial the telephone number you want to store．You will hear a beep each time you press a button．
If you want to store a dialing delay in the phone number，press PAUSE］where the delay is needed． Each time you press PAUSE］，a three－second dialing delay is stored in the dialing sequence． Each three－second pause counts as one digit；memory locations can store up to 24 digits．
4 Press and release the memory button where you are storing the number．You will hear two beeps to confirm that the number has
been stored correctly．
5 Hang up or press SPEAKEA after the number is stored correctly．
Repeat Steps 1－5 to store another number in memory．
NOTE：Each time you complete stor－ ing a telephone number by pressing a memory location，listen for two quick beeps to confirm that the num－ ber has been stored in memory．If you hear several beeps，the number has not been stored：hang up and start over．An extension phone＂off the hook＂can interrupt program－ ming．If you still have trouble，see ＂In Case of Difficulty．＂

## Dialing Numbers

1 Lift the handset or press SPEAKER and listen for a dial tone．
2 Press and release a memory button．
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## Storing Numbers

1 Lift the handset or press SPEAKEA．
2 Press PROGAAM．
3 Dial the telephone number you want to store．You will hear a beep each time you press a button． If you want to store a dialing delay in the phone number，press PAUSE］where the delay is needed． Each time you press PAUSE］，a three－second dialing delay is stored in the dialing sequence． Each three－second pause counts as one digit；memory locations can store up to 24 digits．
4 Press LOWEA．
5 Press and release the memory button where you are storing the number．You will hear two beeps to confirm that the number has been stored correctly．
6 Hang up or press SPEAKER after the number is stored correctly．
Repeat Steps 1－6 to store another number in memory．
Dialing Numbers
1 Lift the handset or press SPEAKER］ and listen for a dial tone．
2 Press LOWEA．
3 Press and release a memory button．

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Whenever you make a telephone call，you can store the number you dialed without re－entering the digits by hanging up and following the directions for storing a number in ＂One－Touch Dialing＂and＂Two－ Touch Dialing，＂and pressing REOIAL instead of dialing the telephone number．

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There are two ways to dial telephone numbers that are too long to fit into a memory location．

## Use Two Memory Locations

You can store a number of more than 24 digits by dividing it and storing it in two memory locations．
Follow the directions for storing numbers in＂One－Touch Dialing＂and ＂Two－Touch Dialing＂to store the number in two memory locations．
To dial，lift the handset or press SPEAKER，listen for a dial tone，then：
－Press the memory button for the first location（or press LOWEA and a memory button）and wait for the dialing to stop．
－Press and release the memory but－ ton（or press LOWEA and a memo－ ry button）for the second location．

## Combine Manual and Memory Dialing

Instead of using two memory loca－ tions，you might choose to store only part of a long number．You can use memory dialing to dial the stored por－ tion，then dial the other digits manu－ ally．If the stored portion is dialed first，wait for dialing to stop before you continue with manual dialing．

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To remove any number from memory， enter another number in the same location．To clear a memory location and leave it empty：
1 Lift the handset or press SPEAKEA．
2 Press and release PROGAAM．
3 Press the memory（or LOWEA and a button）of the memory location you want to clear．

If this telephone does not work properly, try the following suggestions before seeking repair assistance.

## No Dial Tone

- Make sure all plugs are connected properly. Inspect the line cord connections at the modular jack and at the telephone. Also inspect the coiled handset cord connection at both ends.
- Make sure Hold is not on.
- Unplug the telephone and connect it to another modular jack. If it still does not work, and other telephones in your home are working, the problem is with this telephone. Call 1800 722-9125.


## Call Cannot Be Dialed Or Is Dialed Slowly

- This product comes set in the touch-tone mode. Make sure you choose the correct dialing method; touch-tone dialing will not work if you have dial pulse service.
- See "Installation" to select the correct dial mode. If you have pulse dialing service, you cannot dial numbers with the telephone set to touch-tone.
- If you just used Temporary Tone, leave the handset on the base for a few seconds before making another call.


## Telephone Does Not Ring

- Make sure the RINGER switch is set in the LO or HI position.
- If there are several other telephones on the same line, try disconnecting some of the other telephones. Having too many telephones connected can also create problems such as low ringer volume, or impaired sound quality during calls.


## Difficulty Storing Numbers In Memory

- Review "One-Touch Dialing" and "Two-Touch Dialing" to make sure you are pressing the correct sequence of buttons.
- If you are interrupted by a recorded announcement telling you to hang up (or a loud buzzing noise), hang up and try to enter the number more quickly.
- Try calling the number you want to store into memory. When a call is ended, press PROGARM, REDIAL and a memory button (or PROGAAM, REOUAL, LOWEA and a memory button.
- If someone lifts an extension phone while you are storing numbers in memory, programming might be interrupted. Make sure all extensions are on hook while storing numbers in memory.
- You might not hear the confirmation beep if the RECEIVER (handset) volume is set too low, or if you are in a noisy location.
- If the number is more than 24 digits long, make sure you follow the directions for "Dialing Long Numbers."


## Speakerphone Does Not Work

The speakerphone might not work well if someone picks up an extension phone on the same line. The speakerphone will come back on if the handset of the other phone is replaced.

## Other Problems

Make sure you have followed all the instructions in this booklet. If you continue to have problems, call 1800 722-9125. If you cannot correct the problem, disconnect the telephone and refer to the warranty information.

