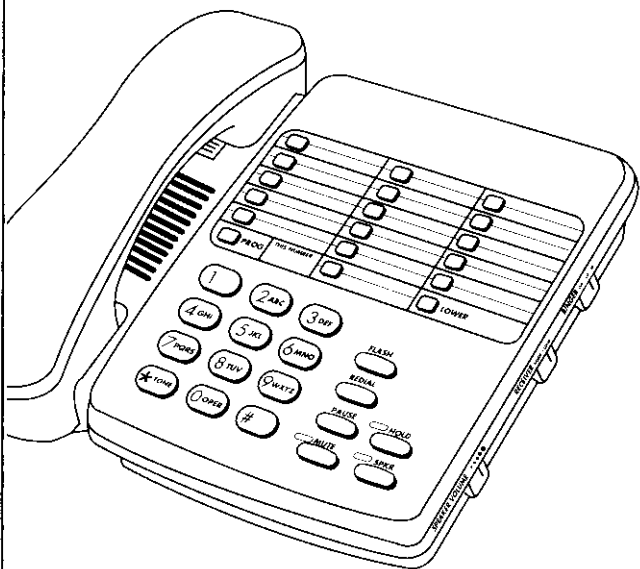


SPEAKERPHONE 825

User's Manual PART 2



Lucent Technologies
Bell Labs Innovations



INTRODUCTION

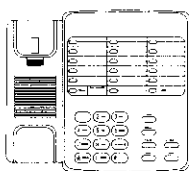
Congratulations! This telephone has been designed for the utmost in convenience and reliability.

Parts Checklist

Handset



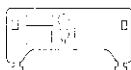
Telephone



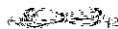
Coiled Handset
Cord



Base



One seven-foot
Line Cord



This telephone is hearing aid-compatible.

This telephone requires a modular telephone jack.

This telephone has a push button dial which will work with tone or dial pulse (rotary) telephone 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.

INSTALLATION

Dial Mode Switch Selection

This product comes set in the TONE mode. Make sure you choose the correct dialing method (TONE/PULSE); touch tone dialing will not work if you have dial pulse service.

Table

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. Reinstall the base.

Feed the line cord through the wide notch on the bottom of the set. Turn the base so that the larger end is toward the top of the telephone. Reinstall the base by inserting the bottom tabs into the phone slots. Then push in on the triangle at the top center of the base to lock the base into place. The telephone should sit flat on your table or desk during use.

4. Connect line cord to your modular wall 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 handset 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."

Wall

1. Remove the base.

2. Connect the bundled line cord to telephone.

Do not unbundle line cord. Plug the seven-foot line cord into the LINE jack on the bottom of the phone. Leave enough cord free to connect to the wall jack, but keep any excess cord bundled.

3. Reinstall the base.

Turn the base so that the larger end is toward the bottom of the telephone. Reinstall the base by inserting the top tabs into the phone slots. Then push in on the triangle at the bottom center of the base to lock the phone 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 1). Turn the tab so that the curved end is up (Figure 2). Then insert the tab back into its slot (Figure 3).

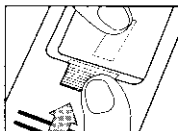


Figure 1



Figure 2

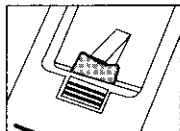


Figure 3

6. Connect 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.

Open for Operation and Memory

OPERATION

Making and Answering a Call—Handset

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

Making and Answering a Call—Speakerphone

NOTE: The red speakerphone light will go on when the speakerphone is being used.

To make a call using the speakerphone, press and hold **[SPKR]** until the speakerphone light comes on, wait for dial tone, then dial (either manually or using the memory feature).

To answer a call using the speakerphone, press and hold **[SPKR]** until the speakerphone light comes on (do not lift the handset). When the call is finished, press **[SPKR]** again to hang up.

To switch from handset to speakerphone, press **[SPKR]**. To switch from speakerphone to handset, lift the handset.

NOTE: Using an extension phone is not recommended while using the speakerphone.

Receiver (Handset) Volume

Use the RECEIVER volume switch on the side of the set to adjust the handset volume from NORM to LOUD.

Speakerphone Volume

During a call, adjust the speakerphone volume to a comfortable listening level. Slide the control on the side of the set up to increase volume, down to decrease volume.

Redial

The telephone stores in memory the last phone number you called. The number (up to 16 digits) will remain in the Redial memory until you dial another number.

To dial the same number again, lift the handset or press **SPKR**, listen for the dial tone, and press **REDIAL**. To erase Redial, press **PROG**, **REDIAL**, then **PROG** again.

Hold

The Hold feature allows you to keep a call on the line while you step away from the phone or while someone 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 speakerphone, press and release **HOLD**.

To release **Hold**, lift the handset from the cradle or press **SPKR**

— OR —

Lift the handset of an extension phone of the line on Hold

— OR —

If the handset is not in the cradle, press **SPKR** or lift the handset and press **HOLD**.

Mute

The Mute feature allows you to hear your caller, but your caller will not be able to hear anything you say. Press and release **MUTE** (the red MUTE light will go on) to talk privately 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.

Flash

The Flash feature is useful if you have subscribed to custom calling services from your local telephone company.

Press **FLASH** instead of pressing the switchhook to activate services such as call waiting or three-way calling.

You may have to press other buttons before or after **FLASH** as explained in the custom calling instructions provided by your local telephone company. The **FLASH** button is used only as a substitute for pressing the switchhook.

Temporary Tone Dialing

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 *****; all keys pressed after this will send tone signals.
3. After you hang up, the phone automatically returns to rotary service.

Digits pressed after ***** will not be stored in Redial.

Ringer Volume

The RINGER volume switch allows you to turn the telephone ringer OFF, or 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.

MEMORY

Capacity: This telephone can store up to 32 telephone numbers up to 16 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 simply 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 **LOWER**, then the memory button next to the number.

Directory Card: Remove the plastic cover from the directory card which is on the base. Write your telephone number in the space 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 manufacturer assumes no responsibility for customer reliance upon the memory feature.

One-Touch Dialing

Storing Numbers

1. Lift the handset or press **SPKR**. You will hear a dial tone.
2. Press and release **PROG**.
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 3-second dialing delay is stored in the dialing sequence. Each 3-second pause counts as one digit; memory locations can store up to 16 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 **SPKR** after the number is stored correctly.

Repeat steps 1-5 to store another number.

NOTE: Each time you complete storing a telephone number, listen for two quick beeps to confirm that the number 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 programming. If you still have trouble, see “In Case of Difficulty.”

Dialing Numbers

1. Lift the handset or press **SPKR** and listen for a dial tone.
2. Press and release a memory button.

Two-Touch Dialing

Storing Numbers

1. Lift the handset or press **SPKR**.
2. Press **PROG**.
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 3-second dialing delay is stored in the dialing sequence. Each 3-second pause counts as one digit; memory locations can store up to 16 digits.*

4. Press **LOWER**.
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 **SPKR** after the number is stored correctly.

Repeat steps 1-6 to store another number.

Dialing Numbers

1. Lift the handset or press **SPKR**. Listen for a dial tone.
2. Press **LOWER**.
3. Press and release a memory button.

Storing Numbers Just Dialed

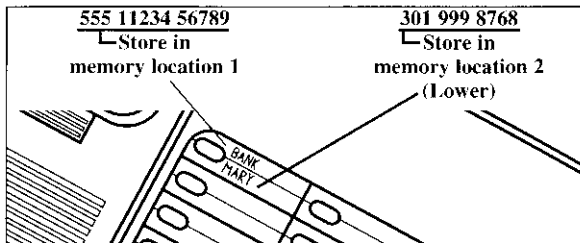
Whenever you make a telephone call, you can store the number you dialed without re-entering the digits by hanging up and following the directions for storing a number in One- and Two-Touch Dialing, and pressing **REDIAL** instead of dialing the telephone number.

Dialing Long Numbers

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 16 digits by dividing it and storing it in two memory locations, as shown in the illustration below:



Follow the directions for storing numbers in One- and Two-Touch Dialing to store the number in two memory locations.

To dial, lift the handset or press **SPKR** and listen for a dial tone, then:

- Press the memory button for the first location (or press **LOWER** and a memory button) and wait for the dialing to stop.
- Press the memory button (or press **LOWER** and a memory button) for the second location.

*Turn over for more "Memory"
and "In Case of Difficulty"*

MEMORY (continued)

Combine Manual and Memory Dialing

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

Erasing Numbers

To remove any number from memory, you can enter another number in the same memory location. To clear a memory location and leave it empty:

1. Lift the handset or press **SPKR**.
2. Press and release **PROG**.
3. Press the memory button (or **LOWER** and button) of the memory location you want to clear.

Complement this product with accessories that can enhance its usefulness.

If you have any questions about service or products, call Lucent Technologies at 1 800 222-3111.

IN CASE OF DIFFICULTY

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 that 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 Lucent Technologies at 1 800 222-3111.

Call Cannot Be Dialed Or Is Dialed Slowly

- This product comes set in the tone (TT) mode. Make sure you choose the correct dialing method (TT/DP); touch tone dialing will not work if you have dial pulse service.
- See “Installation” to set the Dial Mode switch. If you have pulse dialing service, you cannot dial numbers with the switch set to TONE. Set the switch to PULSE, then hang up and try again.
- 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 the call is ended, press **PROG**, **REDIAL** and a memory button (or **PROG**, **REDIAL**, **LOWER** and a memory button).
 - If you hear more than 2 beeps when you enter a number, the number has not been stored. Hang up and try again.
 - 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 you hear more than 2 beeps, the memory might be full. You must erase some numbers before storing new ones.
 - If the number is more than 16 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 the handset of 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 **Lucent Technologies at 1 800 222-3111**. If you cannot correct the problem, disconnect the telephone and refer to the warranty information.

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IMPORTANT PRODUCT INFORMATION

Safety Information



This symbol is to alert you to important operating or servicing instructions that may appear in this user's manual. Always follow basic safety precautions when using this product to reduce the risk of injury, fire, or electric shock.

- 1. Read and understand all instructions** in the user's manual. Observe all markings on the product.
- 2. During thunderstorms, avoid using telephones except cordless models.** There may be a slight chance of electric shock from lightning.
- 3. Do not use a telephone in the vicinity of a gas leak.** If you suspect a gas leak, report it immediately, but use a telephone away from the area where gas is leaking. If this product is a cordless model, make sure the base is also away from the area.
- 4. Do not use this product near water, or when you are wet.** For example, do not use it in a wet basement or shower, or next to a swimming pool, bathtub, kitchen sink, or laundry tub. Do not use liquids or aerosol sprays for cleaning. If the product comes in contact with any liquids, unplug any line or power cord immediately. Do not plug the product back in until it has dried thoroughly.

(Continued)

- 5. Install this product in a protected location** where no one can trip over any line or power cord. Protect cords from damage or abrasion.
- 6. If this product does not operate normally, read “In Case of Difficulty” in the user’s manual.** If you cannot solve the problem, or if the product is damaged, refer to the Limited Warranty. Do not open this product except as may be directed in your user’s manual. Opening the product or reassembling it incorrectly may expose you to hazardous voltages or other risks.
- 7. If this product has user replaceable batteries, replace batteries only as described in your user’s manual.** Do not burn or puncture batteries — they contain caustic chemicals.
- 8. If this product has a three-prong (grounding) plug or a polarized plug with one wide prong,** it may not fit in non-polarized outlets. Do not defeat the purpose of these plugs. If they do not fit in your outlet, the outlet should be replaced by an electrician.

SAVE THESE INSTRUCTIONS

Especially About Cordless Telephones

Privacy: The same features that make a cordless phone convenient create some limitations. Telephone calls are transmitted between the base and the handset by radio waves, so there is a possibility that your cordless phone conversations could be intercepted by radio receiving equipment within range of the cordless handset. **For this reason, you should not think of cordless phone conversations as being as private as those on corded phones.**

Automatic Security Coding: Every time you place the handset in the base, this phone randomly selects one of 65,000 possible security codes—much like an

electronic password. With this Automatic Security Coding, the handset and base can recognize each other automatically, minimizing the chance that another cordless phone will use your telephone line.

Electrical Power: The base unit of this cordless telephone must be connected to a working electrical outlet. The electrical outlet should not be controlled by a wall switch. **Calls cannot be made from the handset if the base unit is unplugged or switched off, or if the electrical power is interrupted.**

Potential TV Interference: Some cordless telephones operate at frequencies that may cause interference to TVs and VCRs. To minimize or prevent such interference, do not place the base unit of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference. (Applies to 25 channel cordless phones only.)

Rechargeable Batteries: The rechargeable battery contains nickel and cadmium. Do not burn or puncture the battery. Like other batteries of this type, if it is burned or punctured, it could release toxic material which could cause injury.

The RBRC™ Seal on the nickel-cadmium battery (or battery pack) contained in this product indicates that Lucent Technologies is voluntarily participating in an industry program to collect and recycle these battery packs at the end of their useful life, when taken out of service within the United States. The RBRC program provides a convenient alternative to placing spent nickel-cadmium batteries (or battery packs) into the trash or municipal waste stream, which is illegal in some areas.



Lucent Technologies payments to RBRC make it easy for you to drop off the spent battery pack at local retailers of replacement nickel-cadmium

batteries. You may also contact your local recycling center or call 1-800-8BATTERY for information on where to return the spent battery pack. Lucent's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.

Cardiac Pacemakers (applies only to 900 MHz Digital Cordless Telephones): Preliminary studies performed at the U.S. Food and Drug Administration (FDA) and elsewhere have shown that when digital wireless telephones using technology similar to 900 MHz Cordless Telephones are placed very close to implanted cardiac pacemakers, interference with the operation of the pacemaker can occur. These preliminary studies show that interference is not likely to occur when there is a reasonable distance between the telephone and the implanted pacemaker and stops when the phone is set in the "battery save mode" or moved so that it is more than 3 inches from the pacemaker. Based on these preliminary studies, the FDA has concluded that digital wireless telephones "do not seem to pose a significant problem for pacemaker wearers."

Until more is known, the FDA suggests that people with pacemakers may want to take some simple precautions when using or carrying digital wireless telephones to ensure that there is ample distance between the digital cellular telephone and the pacemaker—by not placing the phone next to the pacemaker implant (for example, in a shirt or coat pocket directly over the pacemaker implant) when the phone is turned on ready to receive a call and holding it to the ear opposite the side of the body where the pacemaker is implanted when using the phone. Consult your physician or medical device manufacturer to determine if additional precautions are necessary.

Especially About Telephone Answering Systems

Two-Way Recording: This unit does not sound warning beeps to let the other party know that the call is being recorded. To ensure that you are in compliance with any federal or state regulations regarding recording a telephone call, you should start the recording process and then inform your caller that you are recording the call.

FCC Registration and Repair Information

This telephone product has been registered with the Federal Communications Commission (FCC) in accordance with Part 68 of its rules. The FCC requires us to tell you the following information.

1. Connection and use with the nationwide telephone network

An FCC compliant telephone cord and modular plug is provided with this product. This product is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68 compliant. See Installation Instructions in the user's manual.

This equipment may not be used with Coin Telephone Lines or with Party Lines.

2. Notification to the telephone company

Upon request of your local telephone company, you are required to provide them with the following information:

- A. The "line" to which you will connect the telephone equipment (that is, your phone number), and
- B. The telephone equipment's FCC registration number and ringer equivalence number (REN).

These numbers are on the back or bottom of your telephone equipment.

The REN is useful to determine how many devices you may connect to your telephone line and still have them ring when you are called.

In most, but not all areas, the sum of all RENs should be 5 or less. You may want to contact your local telephone company for more information.

3. Repair instructions

If it is determined that your telephone equipment is malfunctioning, the FCC requires that it not be used and that it be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents or by others who may be authorized by the FCC. For repair procedures, follow the instructions outlined under the Limited Warranty.

4. Rights of the telephone company

If this telephone product is causing harm to the telephone network, the telephone company may temporarily discontinue your telephone service. If possible, the telephone company will notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible.

You will be given the opportunity to correct the problem and you will be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. If such changes are planned, you will be notified.

5. This telephone is compatible with inductively coupled hearing aids. (NOTE: This applies only if this product is equipped with a corded or cordless handset.)

(Turn over for more FCC Registration, Interference Information and the Limited Warranty)

6. Programming/testing of Emergency Numbers

If this product has memory dialing locations, you may choose to store police, fire department and emergency medical service telephone numbers in these locations. If you do, please keep three things in mind:

1. We recommend that you also write the telephone number on the directory card, so that you can still dial the emergency number manually if the memory dialing feature doesn't work.
2. This feature is provided only as a convenience, and the manufacturer assumes no responsibility for customer reliance upon the memory feature.
3. Testing the emergency telephone numbers you have stored is not recommended. However, if you do make a call to an emergency number:
 - A. You must remain on the line and briefly explain the reason for the call before hanging up.
 - B. Programming/testing of emergency numbers should be performed during off-peak hours, such as in the early morning or late evening, when the emergency services tend to be less busy.

Interference Information: Part 15 of FCC Rules

Some telephone equipment generates, uses, and can radiate radio-frequency energy and, if not installed and used properly, may cause interference to radio and television reception.

This product has been tested and found to meet the standards for a Class B digital device, as specified in Part 15 of the FCC Rules. These specifications are designed to provide against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation.

If this product causes interference to radio, VCR or television reception when it's in use, you might correct the interference with any one or all of these measures:

- Where it can be done safely, re-orient the receiving television, VCR or radio antenna.
- To the extent possible, relocate the television, VCR, radio, or other receiver with respect to the telephone equipment.
- If this telephone product runs on AC power, plug your product into an AC outlet that's not on the same circuit as one used by your radio, VCR or television.

Modifications to this product, not expressly approved by the manufacturer, could void the user's authority to operate the equipment.

Limited Warranty

This warranty applies only to products purchased and used in the United States.

What is covered:

Any defect in materials or workmanship.

For how long:

Two years.

What we will do:

If this product is defective in material or workmanship and is returned within two years of the date of purchase, we will repair it or, at our option, replace it at no charge to you.

If we repair this product, we may use new or reconditioned replacement parts. If we choose to replace this product, we may replace it with a new or reconditioned one of the same or similar design. The repair or replacement will be warranted for either (a) 90 days or (b) the remainder of the original two year warranty period, whichever is longer.

Limitations:

Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the product is fit for ordinary use), are limited to two years from date of purchase. We will not pay for loss of time, inconvenience, loss of use of this product, or property damage caused by this product or its failure to work, or any other incidental or consequential damages.

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

What we ask you to do:

To get warranty service on this product, you must provide proof of the date of purchase. Call Lucent Technologies Inc. toll-free at 1 800 222-3111 for the address of an authorized service location. You are responsible for paying all shipping and handling costs to return the product. We suggest you retain your original packing material in the event you need to ship the product. When sending the product to a service location, include your name, address, phone number, proof of date of purchase, and a description of the operating problem. After repairing or replacing this product, we will ship it to your home in the United States.

Repair or replacement of this product at an authorized service location is your exclusive remedy.

What this warranty does not cover:

This warranty does not cover defects resulting from events outside of the manufacturer's control including accidents, damage while in transit to our service location, alterations, unauthorized repair, failure to follow instructions, misuse (including broken antenna), fire, flood, acts of God and use outside of the United States. Nor do we warrant this product to be compatible with any particular telephone equipment

or party line, key telephone systems or more sophisticated customer premises switching systems. If this product is not covered by our warranty, call us toll-free on 1 800 222-3111 for advice as to whether we will repair this product and other repair information, including charges. We, at our option, may replace rather than repair this product with a new or reconditioned one of the same or similar design. The repair or replacement will be warranted for 90 days.

This warranty is the only one we give on this product, and it sets forth all our responsibilities regarding the product. There are no other express warranties.

State Law Rights:

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Complement this product with accessories that can enhance its usefulness.

If you have any questions about service or products, call Lucent Technologies at 1 800 222-3111.

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