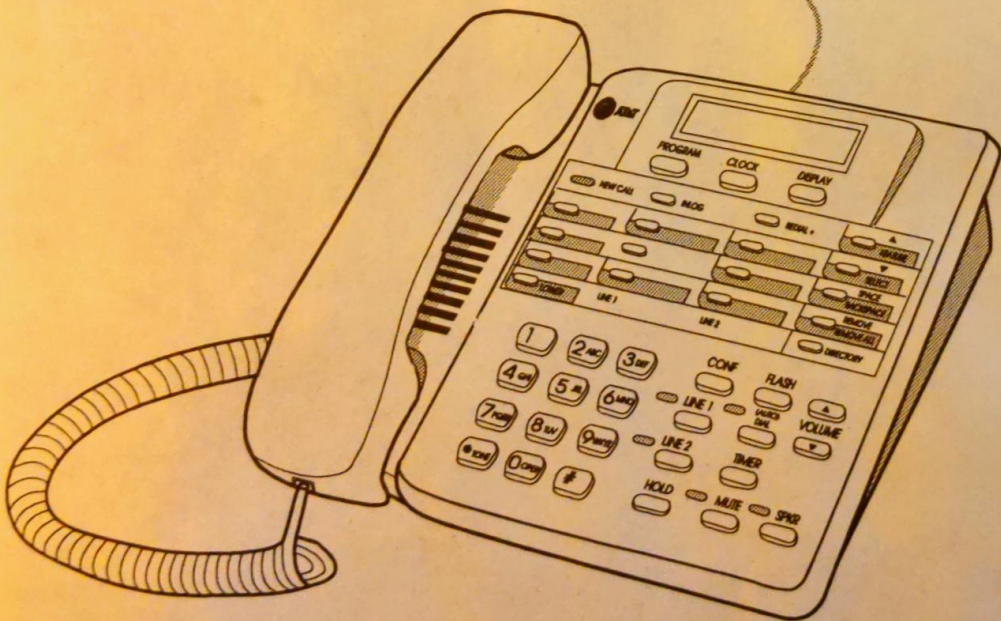
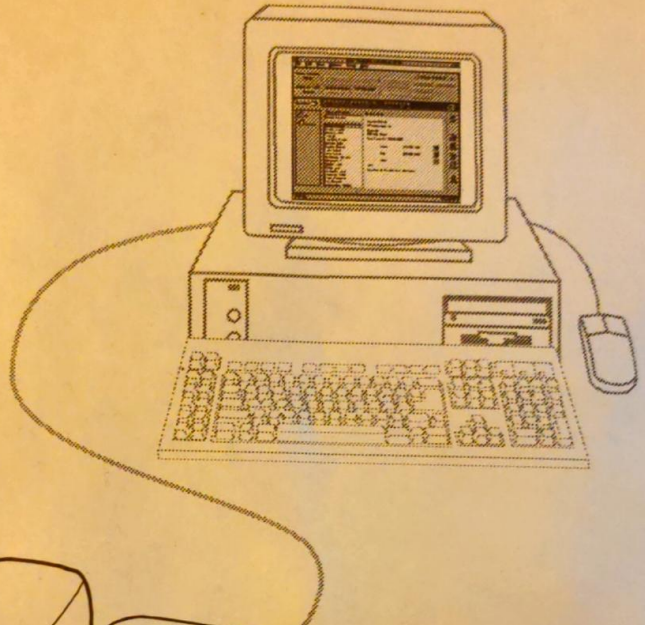




# Computer Telephone 8130

Owner's Manual



# Welcome

## **AT&T Computer Telephone 8130**

Congratulations on the purchase of your new AT&T Computer Telephone 8130. This telephone will better connect you to the world. This product combines the power of your personal computer with the reliability and ease of an AT&T phone.

The phone offers you two lines, a built-in speakerphone for hands-free conversation and features that make using Caller Identification services more convenient.

Unlike older phones, this phone plugs into your computer. Your CT 8130 software provides a powerful window to your phone allowing you to handle phone calls directly from your computer. This product provides you with an integrated computer telephone package.

## **The Telephone**

When your computer is off, the Computer Telephone is everything you'd expect from an AT&T phone. You can place a three-way conference call, put a call on hold while you answer another, store up to 18 numbers into memory locations for easy access, and more. If you subscribe to the Caller Identification services, offered by your local telephone company, the phone will display who is calling before you answer. The phone also keeps a log of calls that you have made and received.

## **The Software**

When your computer is on, this product becomes a powerful personal telephone system. The *Phone Manager* provides a control panel for your phone: you can answer a call, adjust the speaker volume, or conference two calls together, all from the computer. The *Directory* is your personalized phone book: you can store information about your phone contacts on individual cards, and dial phone numbers at the click of a button. The *Call Log* keeps track of every call you make and receive.

## **Welcome to the New World of the Computer Telephone**

In the past, word processors turned your computer into a better kind of typewriter, and game software turned your computer into a better kind of game system. The AT&T Computer Telephone 8130 telephone and software work together with your computer to give you a better kind of telephone.

Looking to the future, we designed the system to be *TAPI-Compliant*. This means the hardware and software conform to the industry standards that allow you to use this product with a variety of software packages, from Word Processors to Contact Managers and Personal Information Managers.

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# Important Safety Information

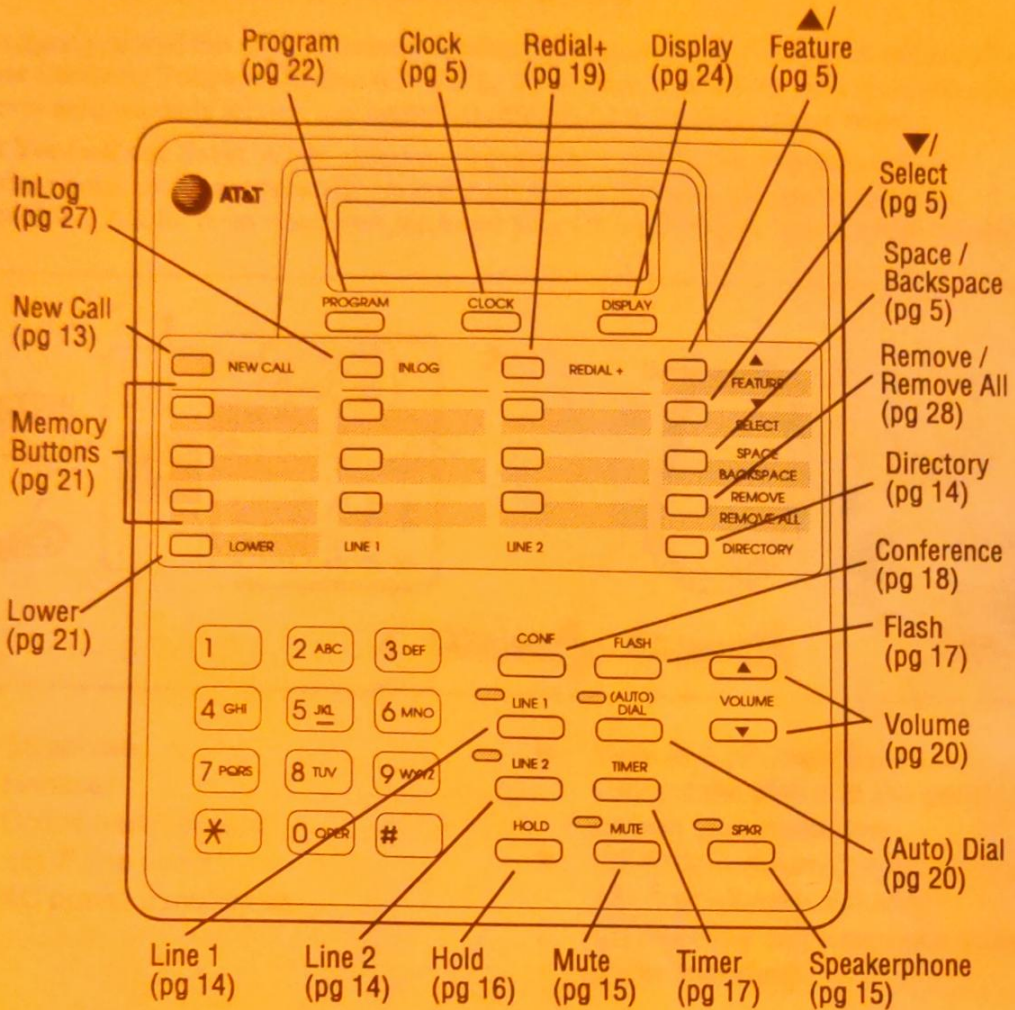


This symbol is to alert you to important operating or servicing instructions that may appear in this owner's manual. Always follow basic safety precautions when using this product to reduce the risk of injury, fire, or electric shock.

- 1 Read and understand all instructions** in this 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 the gas is leaking.
- 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.
- 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" on page 31.** If you cannot resolve the problem, or if the product is damaged, refer to the AT&T Limited Warranty. Do not open this product except as may be directed in this owner's manual. Opening the product or reassembling it incorrectly may expose you to hazardous voltages or other risks.
- 7 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**

# Features



## DIAL MODE

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.

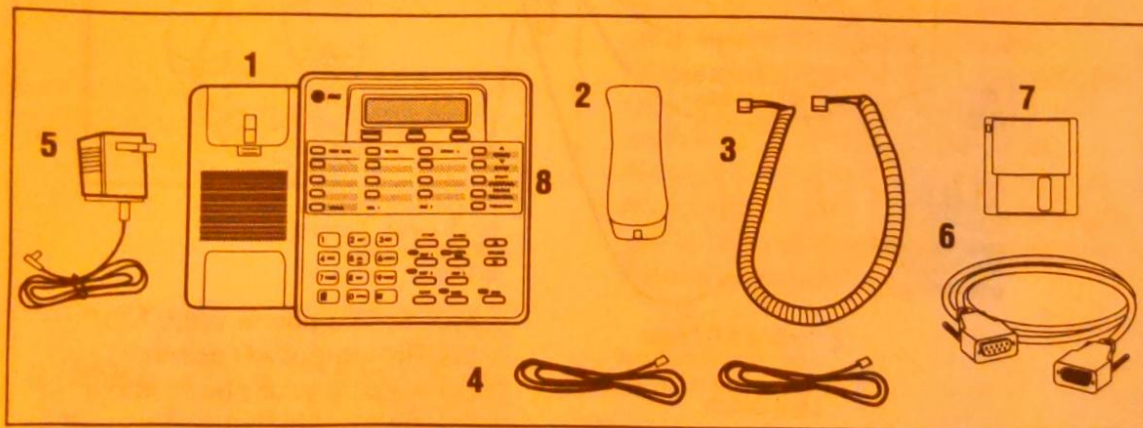
This telephone is hearing-aid compatible.

# Getting Started

## AT&T Computer Telephone 8130

We suggest you read this owner's manual carefully to learn about all the features and benefits of your Computer Telephone system (CT 8130). Remember to save your sales receipt in case you ever need warranty service, and make sure that you have the items shown below.

**Do It Yourself and Save:** AT&T offers a complete line of Do-It-Yourself products—including jacks, cords, and adapters—to make any telephone wiring job quick, safe, and inexpensive. Ask for them where you purchased your CT 8130 system, or call **1 800 233-2650**.



- |                        |   |
|------------------------|---|
| 1 Telephone            | 6 9-pin to 9-pin cord (used to connect the phone to the serial port on your computer) |
| 2 Handset              | 7 CT 8130 software (3.5-inch, 1.44 MB, high-density diskettes)                        |
| 3 Coiled handset cord  | 8 (2) Directory cards with one plastic cover (installed)                              |
| 4 (2) 7' line cords    |   |
| 5 AC power transformer |   |

## What You Need to Use the CT 8130 Software

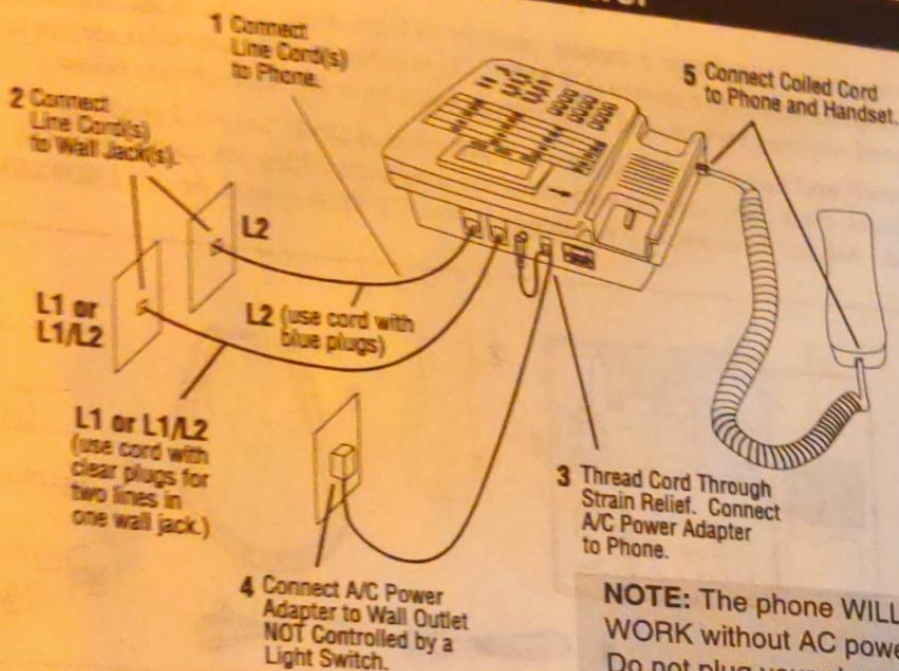
To use the software you need the following equipment and software:

- PC using a 386 or higher processor
- 4MB of RAM (8MB of RAM recommended)
- Either Microsoft® Windows™ version 3.1 or later, or Microsoft Windows for Workgroups version 3.1 or later
- Available serial port
- 5MB available hard disk space
- VGA or higher resolution monitor
- Microsoft mouse or compatible pointing device
- 3.5", 1.44 MB, high density disk drive

Microsoft is a registered trademark of Microsoft Corporation  
Windows is a trademark of Microsoft Corporation

# Getting Started

## 1 1 Connect Line Cords and AC Power



You should install the phone within 7 feet of the jack. If the jack is more than 7 feet away you'll need a longer line cord. If you want to connect a FAX machine or Telephone Answering System (TAS) to the same phone jack the phone is connected to, see page 30.

**!** You should use only the power adapter supplied with your phone. If you need a replacement, call the AT&T National Service Center at 1 800 233-2650.

### Connect Line Cord for a Two-line Jack or ONE Phone Line

- 1 Use the line cord with the clear modular plugs.
- 2 Connect one end of the line cord to the **L1 or L1/L2** on the back of the phone.
- 3 Connect the other end to the wall jack.

### Connect Line Cords for Two Separate Jacks

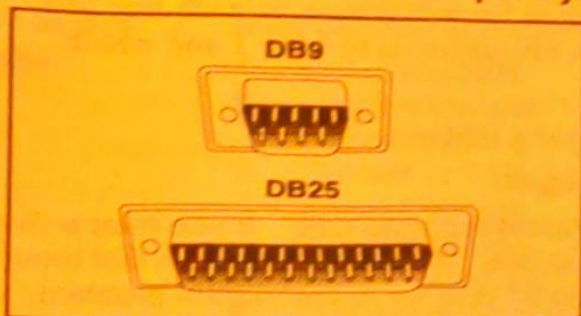
- You will use both line cords.
- 1 Connect cord with clear plugs to **L1 or L1/L2** on back of phone.
  - 2 Connect cord with blue plugs to **L2** on back of phone.
  - 3 Connect line cord with clear plugs to jack for Line 1.
  - 4 Connect line cord with blue plugs to jack for Line 2.

# Getting Started

## 2 Connect Phone and PC

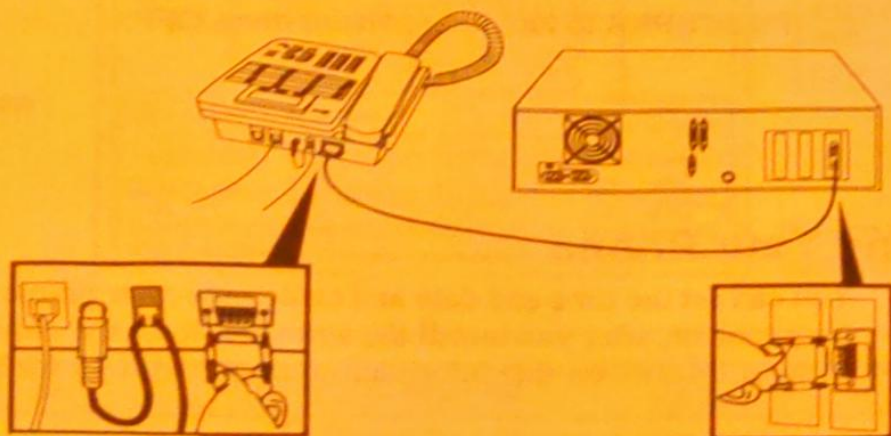
Before you begin, turn off your computer.

### 1 Identify the type of serial port you have:



You may find one or both of these types of serial ports on your computer. The smaller type (DB9) has 9 pins; the larger type (DB25) has 25 pins. Serial ports are usually labeled COM1, COM2, COM3 and COM4. Sometimes COM1 and COM2 are called Serial 1 and Serial 2, or COMA and COMB. If the port is labeled COM or SERIAL, it is probably COM1. **If both serial ports are in use, obtain an AB switch box from a computer store.**

### 2 Connect the CT 8130 cord.



Connect one end of the 9-pin connector to the phone. Tighten the screws.

Connect the other end of the 9-pin connector to the serial (COM) port on your computer. Remember to write down which serial (COM) port you used, for example COM1, 2, 3, or 4. If your PC has a 25-pin serial port, use a 9-pin to 25-pin adapter to connect to the 25-pin serial port. Tighten the screws.



# Getting Started

1

## 3 Setting Up and Customizing Your Phone

When the phone is first plugged into AC power, the set-clock screen appears in the display.

Before using your system, check for a dial tone on each line and confirm which phone number corresponds to Line 1 and which corresponds to Line 2.

### Checking for a Dial Tone

- 1 Press **LINE 1** and listen for a dial tone.
- 2 Press **LINE 2** and listen again.
- 3 Press **SPKR** to turn the speakerphone OFF. If you hear a dial tone on both lines everything is fine. If either line lacks a dial tone, turn to "No Dial Tone" on page 31 and try to correct the problem.

### Confirming Line Numbers

- 1 Press **LINE 1** and call one of your phone numbers. If you hear a busy signal, Line 1 is the number you called. If Line 2 rings, Line 2 is the number you called.
- 2 Press **SPKR** to turn the speakerphone OFF.

## Customizing Your Phone

You can set the time and date and customize your phone from either the phone or, after you install the software, from the software. Refer to the software's on-line information support system for instructions.

# Getting Started

## Customizing Your Phone at the Phone

You can customize the phone's features at any time.

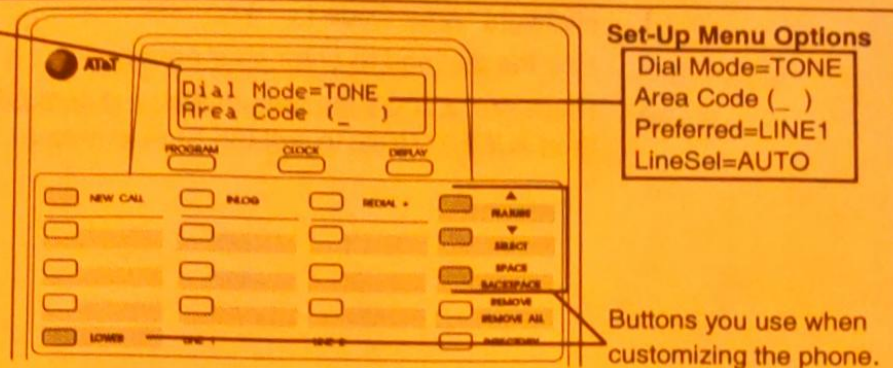
### Setting the Time and Date at the Phone

The time and date appear on the display when the phone is not in use. The phone uses this information for Call Logging. You can reset the time and date when you are not using the phone.

- 1 Press **CLOCK**.
- 2 Use the dial pad to enter the correct time.  
For example; press 0130 to set the clock to 1:30.
- 3 Set AM or PM.  
Press \* for AM.  
Press # for PM.
- 4 Press **▼/SELECT** to set the date.
- 5 Use the dial pad to enter the correct date. For example; press 062397 to set the date to 06/23/97.
- 6 Press **CLOCK**.

Set-Up menu after you press **LOWER**, then **FEATURE**.

The first two options appear on the display.



Buttons	What they do
<b>▲</b> <b>FEATURE</b> and <b>▼</b> <b>SELECT</b>	Moves the blinking cursor from line to line in the display.
<b>LOWER</b> , then <b>▼</b> <b>SELECT</b>	Toggles among selections in an option.
<b>LOWER</b> , then <b>SPACE</b> <b>BACKSPACE</b>	Moves the blinking cursor left one space and deletes the character to the left of the cursor.

**NOTE:** If the phone loses AC power for over 72 hours, all of the settings at the phone will be lost. If the phone loses AC power briefly and the display flashes, press **CLOCK** to stop the display from flashing.

# Getting Started

1

## Opening and Closing the Set-Up Menu

- 1 Press **LOWER**.
- 2 Press **▲/FEATURE**.

## Selecting the Dial Mode

- 1 Once you press **LOWER** then **▲/FEATURE**, the cursor is on "Dial Mode=". If the cursor is not on "Dial Mode=", use either the **▲/FEATURE** or **▼/SELECT** to highlight "Dial Mode =".
- 2 Press **LOWER**, then **▼/SELECT**, to alternate between **PULSE** and **TONE**.
- 3 Press **▼/SELECT** to move to the next item OR press **LOWER** then **▲/FEATURE** to exit the Set-Up menu.

## Entering Your Area Code

If you subscribe to Call Identification Services you must enter your area code.

- 1 Highlight "Area Code ( \_ )".
- 2 Use the dial pad to enter your area code.
- 3 Press **▼/SELECT** to move to the next item OR press **LOWER**, then **▲/FEATURE**, to exit the Set-Up menu.

# Getting Started

## Selecting Your Preferred Line

The preferred line is the line selected when you pick up the handset. If you do not change this setting, the preferred line will be Line 1.

- 1 Highlight "Preferred=".
- 2 Press **LOWER** then **▼/SELECT**, to alternate between LINE1 and LINE2.
- 3 Press **▼/SELECT** to move to the next item OR press **LOWER** then **▲/FEATURE**, to exit the Set-Up menu.

## Selecting Line Choice

You can control the line selection by choosing AUTO or MANUAL. If you select MANUAL, the line button of the non-preferred line has to be pressed to use the line. The installed setting is AUTO.

- 1 Highlight "LineSel=".
- 2 Press **LOWER** then **▼/SELECT**, to alternate between AUTO and MANUAL.
- 3 Press **LOWER** then **▲/FEATURE**, to exit the Set-Up menu.

## One Phone Line Operation

If you have only one telephone number, you need to choose MANUAL for the line selection, otherwise the message "Check Line " will appear in the display.

## Installing the CT 8130 Software

The software includes an installation program that automatically installs the CT 8130 applications onto your computer.

### *If your computer is OFF.*

- 1 Turn on your computer.
- 2 If Windows does not start automatically, type **WIN** at the DOS command prompt.

### *If your computer is ON and Windows has started.*

- 1 Insert the Install Disk #1 into your diskette drive.
- 2 Double-click the Windows Program Manager, if it isn't open.
- 3 From the Program Manager File Menu, select **R**un...
- 4 In the Run window, click in the Command Line box, and then type **a:setup** or **b:setup**.

Click the OK button to continue. The install window appears.

- 5 Follow the instructions on the screen to install the software. During installation, the software prompts you for the following information:
  - the directory where you want the software to reside on your computer. By default, the install program will automatically suggest a directory for the software. The software will then create a directory and install the applications in it.
  - whether you want to install the on-line Tour. The on-line Tour provides an overview of the Computer Telephone 8130 and describes how to use the product. We strongly recommend that you install the Tour. By default, the on-line Tour will be installed.
  - the serial (COM) port on your computer to which you connected the CT 8130 connector (for example, COM1, COM2, COM3, or COM4).

After the software is installed, you will see a program group named "AT&T Phone 8130" in the Program Manager. This program group contains icons for the applications.

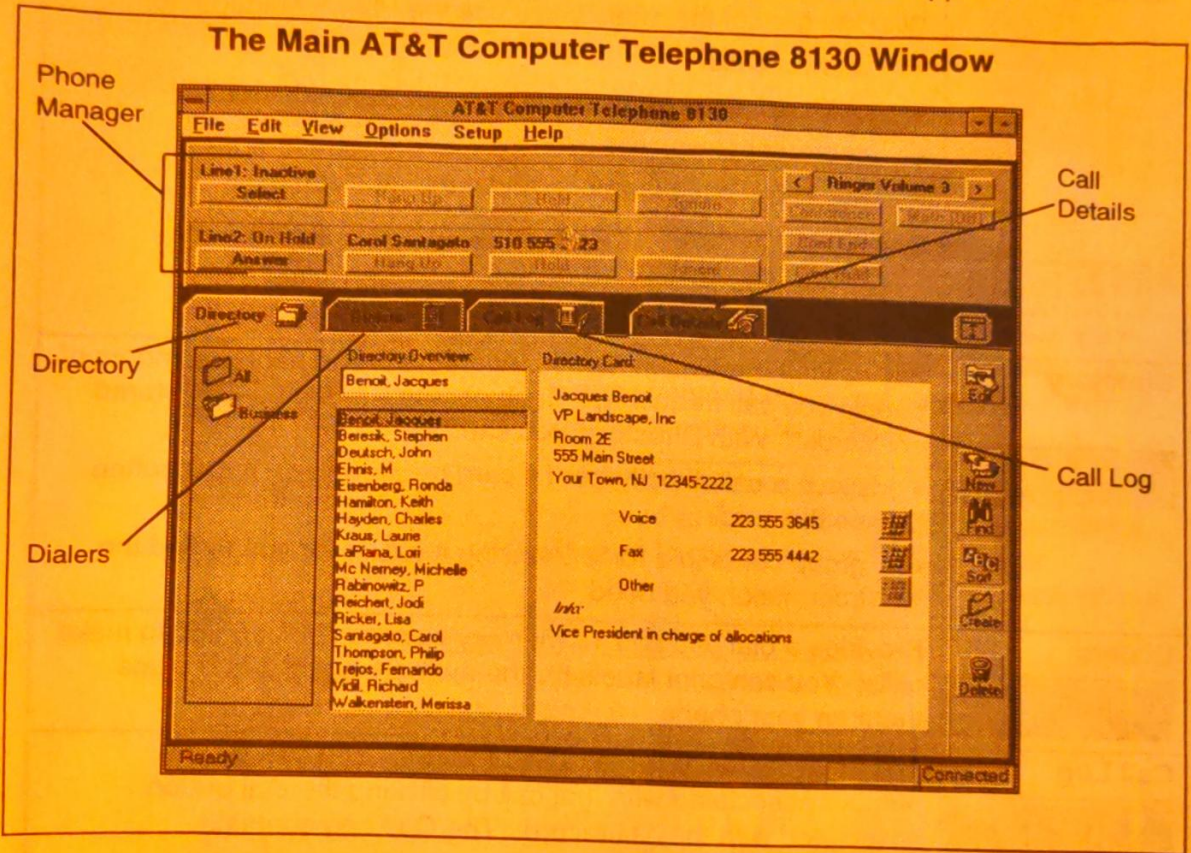
After the installation is completed, you will be prompted to configure the software for use with your telephone. Select the OK button to configure the software. During the configuration, you will be prompted to provide your area code.

# Getting Started

## Starting the CT 8130 Application

After the software is installed and configured a dialog box appears, prompting you to start the application.

- Select the OK button, and the main window appears.







During the installation, the software was copied to the StartUp group in Program Manager. When present in the StartUp program group, the AT&T Phone 8130 will automatically start every time you start Microsoft Windows. This way, you don't need to worry about remembering to start the software.

You can manually start the CT 8130 software by opening the AT&T Phone 8130 program group and double clicking on the AT&T Phone 8130 icon. If you have any problems after the CT 8130 software is installed, see page 31.

# Getting Started

## AT&T Phone 8130 Window Components

Component	What it does
<b>Phone Manager</b>	<p>Monitors the status of your phone and lets you control your phone from the computer. Phone Manager displays the status of a call. With the click of the mouse, you use the Phone Manager to:</p> <ul style="list-style-type: none"><li>• answer calls.</li><li>• put a call on hold.</li><li>• conference two calls.</li><li>• adjust the speakerphone and handset volume.</li><li>• adjust the ringer volume.</li><li>• ignore ringing calls by muting the ringer.</li><li>• mute the phone's microphone.</li></ul>
<b>Directory</b> 	<p>Allows you to maintain names, addresses, and phone numbers of people you call frequently. Each person's information is stored on "cards." With Directory, you can:</p> <ul style="list-style-type: none"><li>• place a call directly from a card by clicking on a dial button on the card.</li><li>• group cards in a folder, making it easier for you to find the information you need.</li></ul>
<b>Dialers</b> 	<p>Provides a dial pad and 18 memory buttons you can use to make calls. You can print labels for the memory buttons and place them on your phone.</p>
<b>Call Log</b> 	<p>Tracks every call you make and receive. You can dial the number associated with that call by clicking the dial button associated with the call record. The Call Log contains information, such as:</p> <ul style="list-style-type: none"><li>• Name and number of the caller.</li><li>• Length of the call.</li><li>• Notes you entered during the call.</li></ul>
<b>Call Details</b> 	<p>Allows you to:</p> <ul style="list-style-type: none"><li>• take notes during any call.</li><li>• see the Directory card for the person to whom you are talking.</li><li>• create a Directory card for the person to whom you are talking.</li><li>• assign attributes such as the subject of the call (to further classify your calls.)</li></ul>

# Getting Started

## Where You Go From Here

You are now ready to start using your CT 8130. Before you start, we recommend that you become more familiar with software's capabilities and features.

To learn about CT 8130, select the Coach option in AT&T Phone 8130 Help Menu. The Coach is an on-line information support system that describes the product's features and capabilities, and provides instructions on how to use the software.

### Coach Components

Component	What it does
<b>Tour</b>	Provides an overview of the product's features and describes how the system can help you. We recommend you complete the Tour before you begin using the software.
<b>Tutorial</b>	Presents and describes the basic procedures you need to know to begin using the software. Be sure to complete the Tutorial. After completing the tutorial, you will be ready to start using the software.
<b>Step-by-Step</b>	Provides information to perform tasks with the software. Each task contains an overview that describes what the task does and the steps necessary to accomplish the task. Step-by-Step is your on-line user's manual for the software. If you need instructions on how to use a feature, refer to the Step-by-Step.
<b>Reference</b>	Provides troubleshooting information and other information about the product that is associated with the tasks in Step-by-Step. If you have problems with the software, refer to Reference.



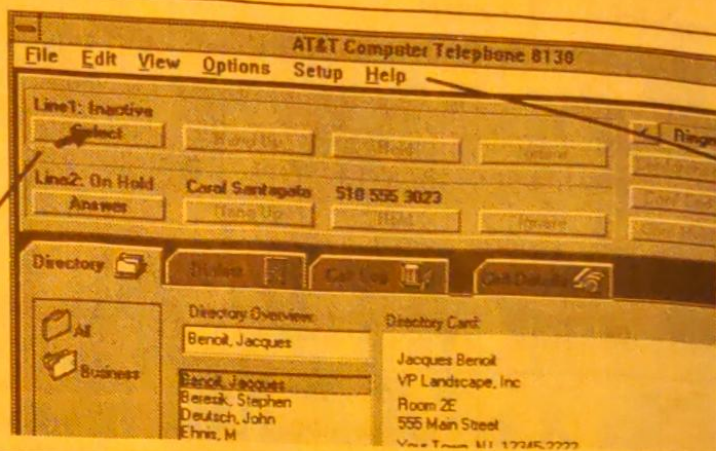
# Getting Started

## 1 Finding Help

The software has on-line help.

### To Get Help on a Specific Component

Hold down the shift key, press F1 and click on the specific component.



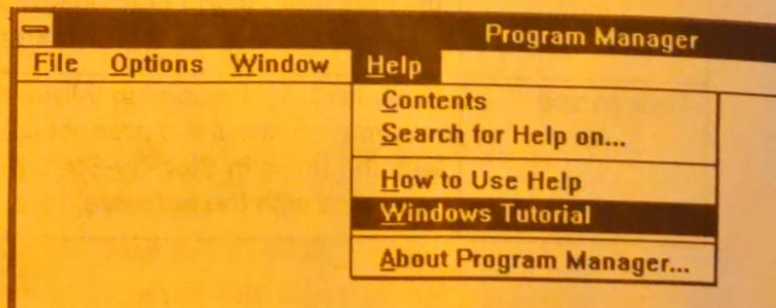
To Use Help Press F1 or select Help.

## If You Are New to Windows

If you are unfamiliar with Windows or haven't used it much, we recommend that you try the Windows onscreen tutorial. This tutorial teaches basic Windows and mouse techniques.

### Starting the Windows Tutorial

- 1 From the Program Manager, select Help.
- 2 Then choose Windows Tutorial.



- 3 After the tutorial starts, if you want to learn how to use the mouse, press **M**. To learn about Windows, press **W**.
- 4 Follow the instructions on the screen.

# Operation

## Operation of the Phone

This section describes how to use the phone's basic features. For information about memory dialing features, turn to page 22, or Caller ID features, turn to page 25.

**Information Sent to the Software** The phone creates a call log of both incoming and outgoing calls. The phone sends this information to the CT 8130 software when it is running. If the software is not running, the phone saves information for up to 50 calls, and forwards this information at a later time when the software is running.

## Light Indicators on the Phone

Light	Activity	What it means
LINE 1  or	Yellow-green ON	The line that is active when you pick up the handset.
	Red ON	The line is in use at this phone or another phone.
	Red FLASHING	The line is on Hold.
LINE 2	Yellow-green FLASHING	The line is ringing.
SPKR	ON	Speakerphone is ON.
	OFF	Speakerphone is not in use.
MUTE	ON	Mute in use. The other party cannot hear your voice.
	OFF	Mute is not in use.
NEW CALL	ON	You have received calls since the last time you viewed the Incoming Call Log.
	FLASHING	You have message waiting. In some areas, message waiting is known as Voice Message or Voice Mail. You must subscribe to a message waiting service to receive messages.  OR You have a message waiting, and have received calls.
	OFF	No calls since the last time you viewed the Incoming Call Log.

# Operation

## Using DIRECTORY

- Press **DIRECTORY** on the phone and the CT 8130 software will bring the directory page to the front of the application.

## Automatic Line Selection

The phone is preset to automatically select a line, in most cases, when you lift the handset or press **SPKR**. To change how the phone selects lines, see "Customizing Your Phone" on page 5.

- If either line is ringing, the phone will select the ringing line.
- If no line is ringing and both lines are idle, the phone will select Line 1.
- If Line 1 is in use and Line 2 is idle, the phone will select Line 2.
- If none of the above cases applies, you will need to select a line manually by pressing **LINE 1** or **LINE 2**.

## Making/Answering Calls



You can make a call using the dial pad, the **REDIAL** memory (**REDIAL+**), a Memory Location, the Incoming Call Log (**INLOG**) or from the PC. You can use either the speakerphone or the handset. To end a speakerphone call, press **SPKR**. To end a handset call, place the handset in the cradle.

## Making/ Answering a Call

- 1 Lift the handset. The ringing line or an idle line is selected automatically.  
*OR*  
Press **SPKR**. The speakerphone turns on and the ringing line or idle line is selected automatically.  
*OR*  
Press **LINE 1** or **LINE 2**. The speakerphone turns on and you are connected to the line you selected.
- 2 Use the dial pad to dial a number, or press **(AUTO)DIAL** or press a memory button.

# Operation

- Making a Call from Incoming Call Log (INLOG) or REDIAL+**
- 1 Press **INLOG** or **REDIAL+**.
  - 2 Press **▲/FEATURE** or **▼/SELECT** until the number you want appears on the display.
  - 3 (Lift the handset or press **SPKR** or press a line button.)
  - 4 Press **(AUTO)DIAL**. If you did not lift the handset, the speakerphone turns on and the phone dials the number that appears in the display.

**NOTE:** If you subscribe to Caller Identification Service, Call ID information is sent to your phone between the first and second ring. See pp. 25-28 for Call ID information.

## Speakerphone for Hands-free Conversation

You can use the speakerphone to make or answer a call. The **SPKR** light is ON when the speakerphone is in use. During a call you can switch back and forth from handset to speakerphone as often as you like. If you press **(AUTO)DIAL** or a Memory Button when the handset is in the cradle, the speakerphone turns on and the phone dials the number.

- Using SPKR**
- 1 Press **SPKR** to turn on the speakerphone.
  - 2 Press **SPKR** again to hang up.

**NOTE:** Whenever the speakerphone light is ON, you can hang up the handset without disconnecting your call.

- Adjusting SPKR Volume**
- Use the **VOLUME** buttons to adjust the speaker volume when you are using the speakerphone.

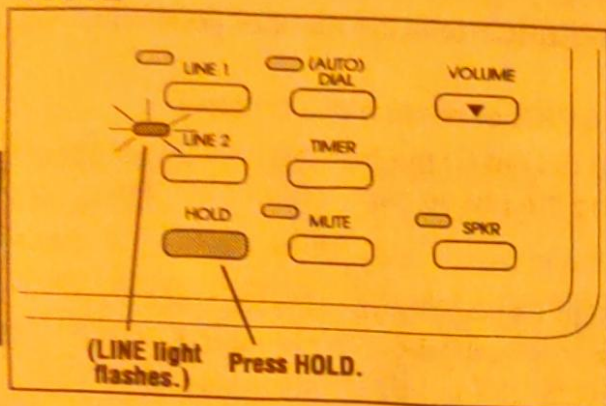
## Mute

Mute allows you to hear your caller but prevents your caller from hearing you. If you switch from handset to speakerphone or speakerphone to handset, or you put a call on hold, you cancel mute.

- Using Mute**
- 1 Press **MUTE**. The Mute light is ON.
  - 2 Press **MUTE** again to resume your telephone conversation.

# Operation

## Hold



Hold allows you to keep a call on the line while you switch lines, step away from the phone, or take the call on an extension phone. When you put a call on hold, the red light for that line flashes.

2

### Putting a Call On Hold

- Press **HOLD** to keep a call on the line when you place the handset back in the cradle. Nothing you or the other person says can be heard.

### Taking a Call Off Hold

- Press **HOLD**.
- OR**
- Lift handset of another phone on the same line.

**NOTE:** If the other party hangs up Hold may be canceled.

## Switching Between Lines

During a call on one line, you can make or answer a call on the other line without disconnecting your original caller.

**Example: You are using Line 1 and Line 2 rings.**

- 1 Press **HOLD** to hold Line 1.
- 2 Press **LINE 2** to answer the other call.
- 3 You can do one of the following:
  - To hang up Line 2, press **LINE 1**. You return to your first call.

**OR**

  - To hold Line 2, press **HOLD**, then press **LINE 1** to return to your first call.

# Operation

## Flash

The FLASH feature is useful if you have subscribed to custom calling services from your local telephone company. You press FLASH instead of pressing the switchhook to activate services such as call waiting or 3-way calling. You still have to dial the codes provided by your local phone company.

2

## Temporary Tone Dialing

If you have rotary service (Pulse), you can change from pulse to tone dialing during a call by pressing **\*TONE**. This is useful if you need to send tone signals for access to telephone banking or long-distance services. The # key also changes pulse to tone.

### Using Temporary \*Tone Dialing

#### Example:

- 1 Dial a number.
- 2 Press **\*TONE**. Buttons pressed after this will send tone signals.
- 3 After you hang up, the phone automatically returns to rotary service.

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

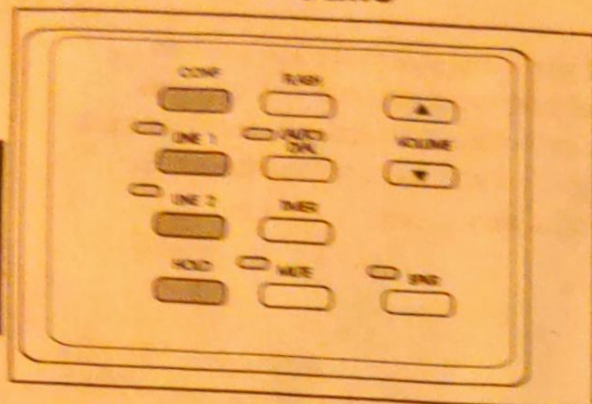
## Monitoring the Length of a Call

The built-in timer allows you to measure elapsed time. The phone displays time in minutes and seconds and automatically stops when you hang up. After one hour the timer resets to zero.

### Using the Timer

- Press **TIMER** to start and stop the timer.

## Conference Calls



You can use both lines at the same time to set up a three-way conference call.

**NOTE:** Under certain circumstances, the far-end parties on a conference call might not hear one another clearly.

### Making a Conference Call

- 1 Make or answer a call.
- 2 Press **HOLD**.
- 3 Call someone on the other line.
- 4 Press **CONF**.

*If one caller hangs up during a conference call, you might hear a dial tone. Press the line button of the remaining call to disconnect the other line and eliminate the dial tone.*

### Ending a Conference Call

- Hang up. All parties will be disconnected.

## Conference Call Options

### Placing a Conference Call on Hold

*Conference Call in Progress*

- 1 Press **HOLD**. Both lines are on hold.
- 2 Press **CONF** to release hold and resume conference call.

### Talking Privately with One Caller

*Conference Call in Progress*

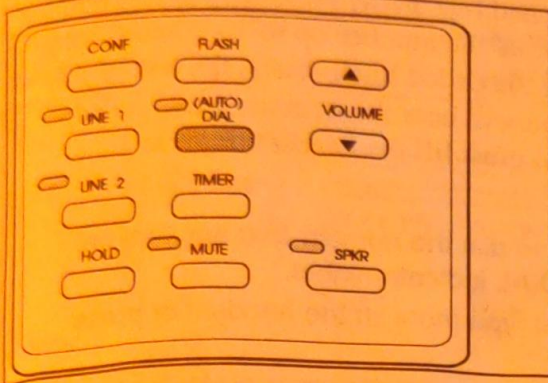
- 1 Press **HOLD** to place both lines on hold.
- 2 Press the line button of the person with whom you want to speak privately.
- 3 Press **CONF** to continue your conference call.

### Dropping One Line

- Press the line button of the party with whom you wish to continue talking. The other line will hang up.

# Operation

## Redial

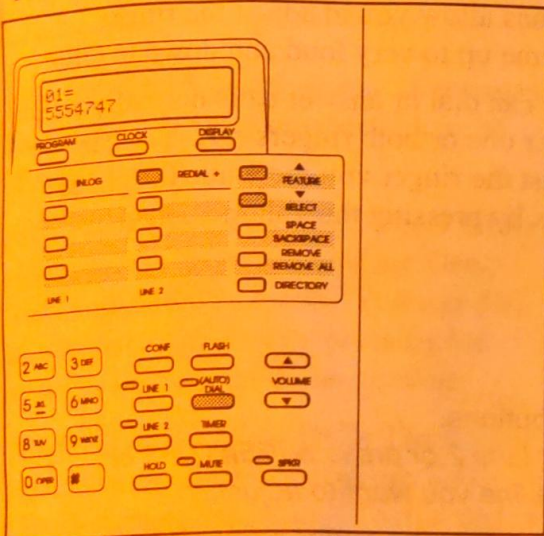


After you lift the handset you can dial the last number called, by pressing **(AUTO)DIAL**. If you do not lift the handset first the speakerphone turns on when you press **(AUTO)DIAL**.

2

- Dialing the Last Number Dialed**
- 1 (Lift the handset or press **SPKR** or press a line button.)
  - 2 Press **(AUTO)DIAL**.

## Redial Log (Redial+)



The last five numbers dialed are stored in the Redial Log. Numbers you dial from the dial pad, from a memory location or from the CT 8130 software, appear in the list. When you make a call, the number and its position in the list, appear on the display.

- Dialing a Redial Log Number**
- 1 Press **REDIAL+**.
  - 2 Use **▲/FEATURE** or **▼/SELECT** to highlight the number you want to dial.
  - 3 Lift the handset or press **SPKR**.
  - 4 Press **(AUTO)DIAL**.

## Erasing Redial

- After the number appears in the display, press **REMOVE**.



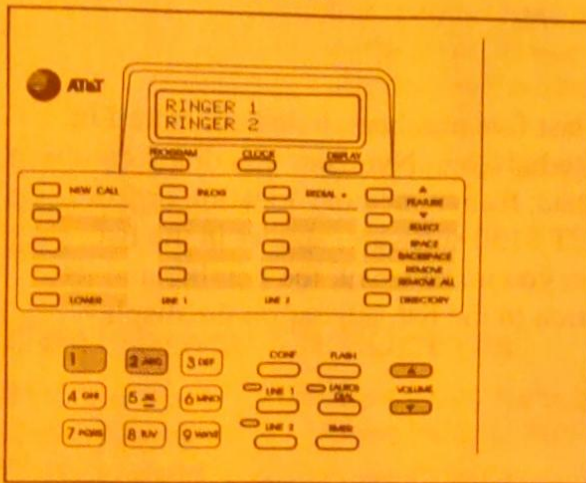
## Auto Redial

Your phone can automatically and repeatedly redial any phone number in the display. The phone will dial the number up to 10 times as long as a busy signal is detected. If the called line is busy, the phone will redial about every minute. You will hear the number being dialed. When the call is answered, you must lift the handset or press **SPKR** to talk.

- Press **(AUTO)DIAL** twice to dial the number that appears on the display. The (AUTO)DIAL indicator lights.
- When the call is answered, you must lift the handset or press **SPKR** to talk.
- To cancel automatic redial, press **(AUTO)DIAL** again or lift the handset or press **SPKR**.

## Dialing a Number

## Ringer Volume



You can adjust the ringer volume when you are not on a call. The two volume control buttons allow you to adjust the ringer volume up to very loud and down to OFF.

You can dial or answer calls normally with either one or both ringers off. You can adjust the ringer volume while the phone rings by pressing the volume buttons.

### Adjusting the Ringer Volume

- 1 Press one of the volume buttons. Press 1 for Line 1 or 2 for Line 2 or press **▲/FEATURE** or **▼/SELECT** to choose the line you want to adjust.
- 2 Use the volume buttons to adjust the ringer. You will hear a sample of the new ring.
- 3 Press **LOWER**, **▼/SELECT** when you are done.

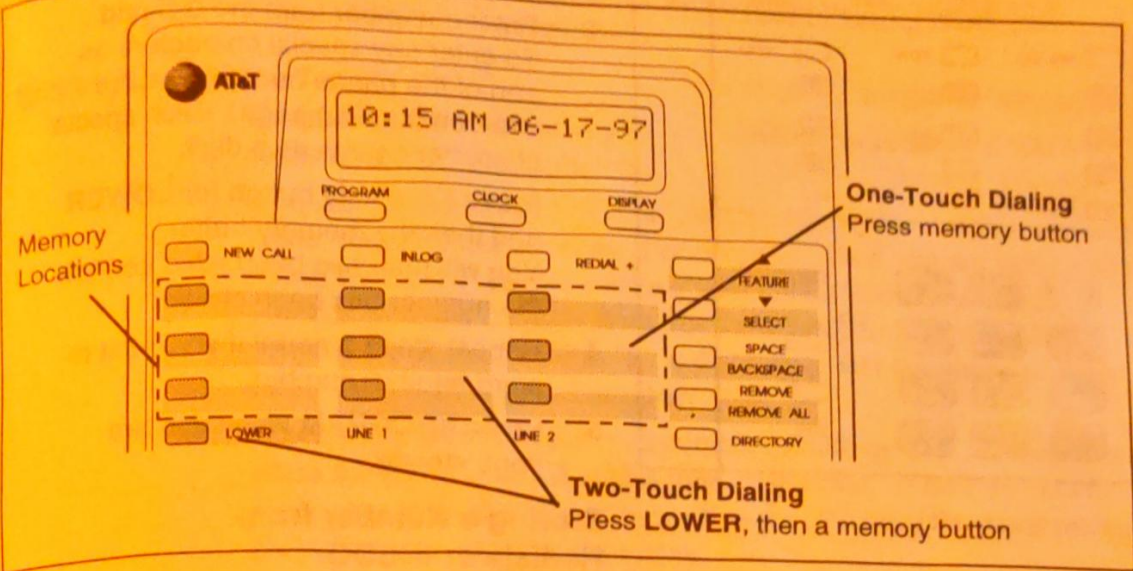
## Handset Volume

When you are using the handset, you can use the volume control buttons to adjust the handset volume. There are eight possible handset volume settings. The four highest settings are louder than most other phones. Adjust the volume accordingly.

# Memory Dialing

## Memory Dialing Features

This section describes how to store telephone numbers into memory. You can dial these numbers by pressing one or two buttons.



**CAPACITY:** The phone has 18 memory locations for storing numbers up to 24 digits long.

**ONE-TOUCH DIALING:** The 9 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 9 gray spaces on the directory card are Two-Touch memory locations. To dial one of these numbers, you press **LOWER**, then the memory button next to the number.

**DIRECTORY CARD:** Remove the directory card and write in the numbers (or names) you want to store in each memory location. Reinstall the card and plastic cover in the space provided.

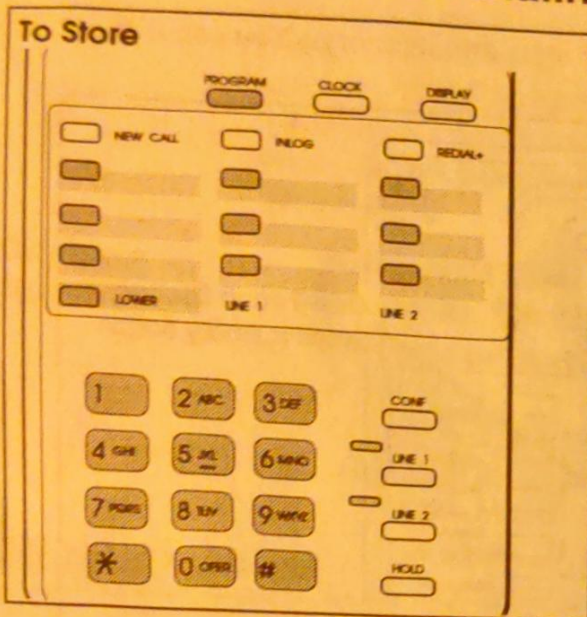
**NOTE:** You may choose to store emergency numbers in memory locations. However, memory dialing is provided only as a convenience. AT&T assumes no responsibility for customer reliance on this memory feature. Although testing the programming of emergency numbers is not recommended, if you do make a call to an emergency number:

- You must remain on the line and briefly explain the reason for the call before hanging up.
- Programming/testing of emergency numbers should be performed in the early morning or late evening (off-peak hours).

If the phone loses AC power for over 72 hours, all the numbers stored in a memory location will be lost.

# Memory Dialing

## One and Two-Touch Dialing

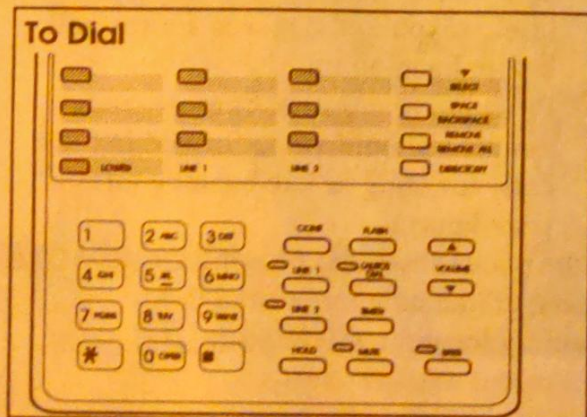


### Storing Numbers

- 1 Press **PROGRAM**.
- 2 Enter a number from the dial pad. To enter any special characters as part of the phone number see the chart on the next page. Each special character counts as a digit.
- 3 Press a memory button (or **LOWER** and then the memory button). You will hear two beeps that confirm the number has been stored.
- 4 Repeat steps 2 and 3 if you want to store another number.
- 5 Press **PROGRAM** when you are done storing.

### Storing a Number from Redial+ or INLOG

- 1 Press **INLOG** or **REDIAL+**.
- 2 Press **▲/FEATURE** or **▼/SELECT** to locate the number you want to store.
- 3 Press **PROGRAM**.
- 4 Press a memory button (or **LOWER** and then the memory button). "Stored" appears in the display and the phone returns to reviewing **INLOG** or **Redial+**.



### Dialing a Number

- Press a memory button (or **LOWER** and then the memory button). If you do not lift the handset first, the speakerphone turns on when you press a memory button.

# Memory Dialing

## Storing a Hyphen

To store a hyphen, press **SPACE** once.

## Storing a Pause

To store a 2-second "pause" as part of a number, press **SPACE** twice so that "P" is displayed.

## Storing a Wait for Tone

To store a wait for tone as part of a number, press **SPACE** three times so that "\$" is displayed.

You can store a "Wait for Tone" into a memory location for use with some long distance services. For instance, when you are instructed to "Wait for a tone" before entering your long distance calling card number, you can store a "Wait For Tone" as part of the number. Press **SPACE** three times so that "\$" is displayed after the phone number, then dial the calling card number.

When the phone dials a stored number including a "\$", dialing stops when the "\$" is reached until a tone is detected. If no tone occurs, dialing resume after 30 seconds. You can also make the phone resume dialing by pressing a memory button.

## Storing Temporary Tone and Flash

Temporary Tone and Flash can also be stored.

## Special Characters

The table below shows all the special characters that can be stored as part of a phone number. Each special character counts as a digit.

To enter	Press	Display shows
hyphen	<b>SPACE</b>	-
pause	<b>SPACE SPACE</b>	P
wait for tone	<b>SPACE SPACE SPACE</b>	\$
star	<b>* TONE</b>	*
pound	<b>#</b>	#
flash	<b>FLASH</b>	F

# Memory Dialing

## Dialing Long Numbers

There are two ways to dial phone 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 in "Storing Numbers" on page 22 to store the number in two memory locations.

To dial, lift the handset set or press **SPKR**, or press **Line 1** or **Line 2** then:

- 1 Press the memory button (or **LOWER** and then the memory button) for the first location, and wait for the dialing to stop.
- 2 Press the memory button (or **LOWER** and then the memory button) for the second location.

### 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.

## Viewing Numbers in Memory

You can view a number stored in a memory location and not dial that number.

- 1 Press **DISPLAY**.
- 2 Press the memory button (or **LOWER** and then the memory button).

## Erasing Numbers

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

- 1 Press **PROGRAM**.
- 2 Press the memory button (or **LOWER** and then the memory button).
- 3 Press **PROGRAM**.

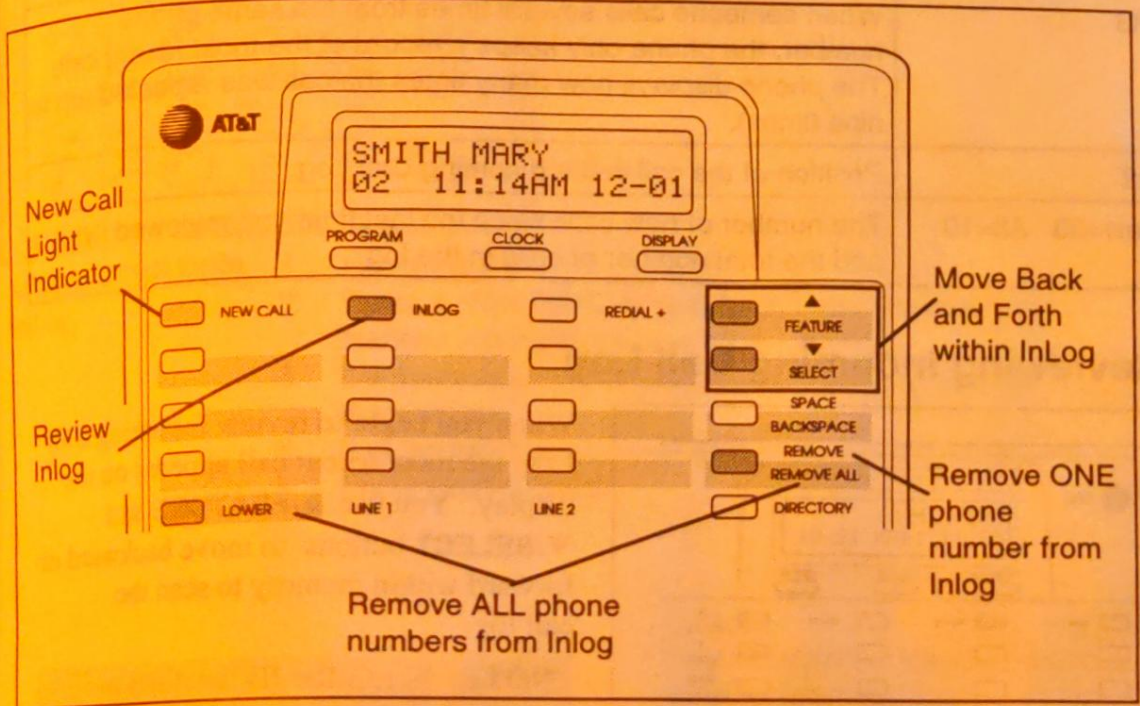
# Call Identification Operation

## Call Identification Features

This section describes how to use the phone's Caller Identification features. These features operate with Caller Identification Service offered by your local telephone company. You must subscribe to this service to receive Incoming Call information. In some areas Caller Identification is known as Caller ID.

The phone stores incoming call information in an **Incoming Call Log (INLOG)**, which you access by pressing INLOG. Below are the Caller ID features.

- Records the following information about a call:
  - ➔ number and name of the caller
  - ➔ time and date call was received
  - ➔ position in the list
  - ➔ number of times (9 maximum) you were called from that number
  - ➔ line on which the call was received
- Allows review of Incoming Call Log
- New Call light indicates calls have been received since you reviewed Incoming Call Log
- Keeps record of your last 15 calls.



# Call Identification Operation

## Incoming Call Log (INLOG)

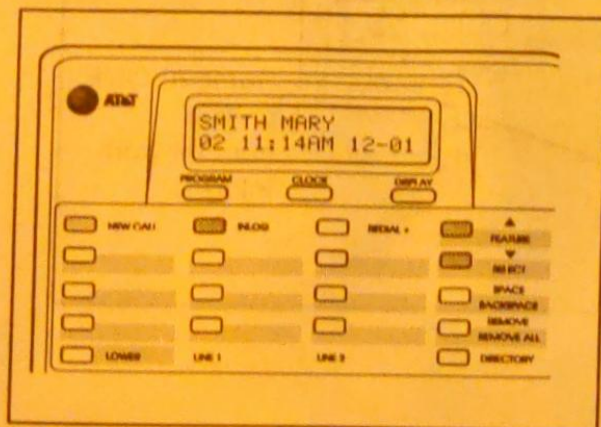
The Incoming Call Log stores information for up to 15 phone calls. The most recent call has the lowest number. For example: if there are 10 calls in memory, call #1 is the most recent call and call #10 is the oldest. If the memory is full, the oldest call is deleted to make room for the new incoming call.

## Incoming Call Messages

Message	Meaning
OUT OF AREA	This message may appear for some long distance calls or calls originating from an area not covered by Call Identification Service. This message may also appear if the caller's local telephone company uses equipment incompatible with that of your local telephone company.
PRIVATE	The phone number or name is not available at the caller's request.
CALL ID ERROR	Incoming Call Identification was not complete.
R3	When someone calls several times from the same phone number, the phone only keeps a record of the most recent call. The phone displays how many times the call was repeated (up to nine times).
02	Position of the call in the Incoming Call Log.
New=03 All=10	The number of new calls since the last time you reviewed INLOG and the total number of calls in the log.

4

## Reviewing Incoming Call Log



When you begin to review Incoming Call Log, the most recent call appears on the display. You use **▲/FEATURE** and **▼/SELECT** buttons to move backward or forward within memory to scan the call log.

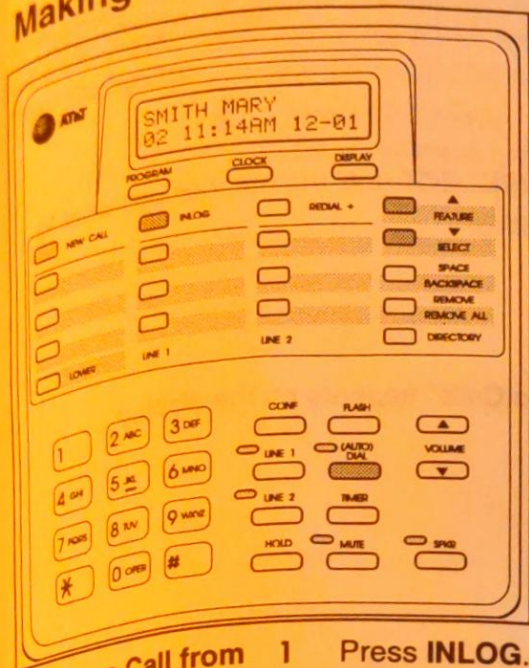
**NOTE:** For Caller ID functions to work properly, both you and your caller must be in areas where Call Identification services are available, and the local telephone companies are using compatible equipment.

# Call Identification Operation

## Reviewing INLOG

- 1 Press **INLOG**. The number of new and repeated calls appears on the display.
- 2 To move backward or forward through the Log, press **▲/FEATURE** or **▼/SELECT**.
- 3 If a name is on the display, press **DISPLAY** to view the number. Press **DISPLAY** again to view the name.

## Making a Call from INLOG



## Making a Call from InLog

- 1 Press **INLOG**.
- 2 Press **▲/FEATURE** or **▼/SELECT** until the name or number you want appears on the display.
- 3 If a name is on the display, press **DISPLAY** to view the number.
- 4 (Lift the handset or press **SPKR** or press a line button.)
- 5 Press **(AUTO)DIAL**.

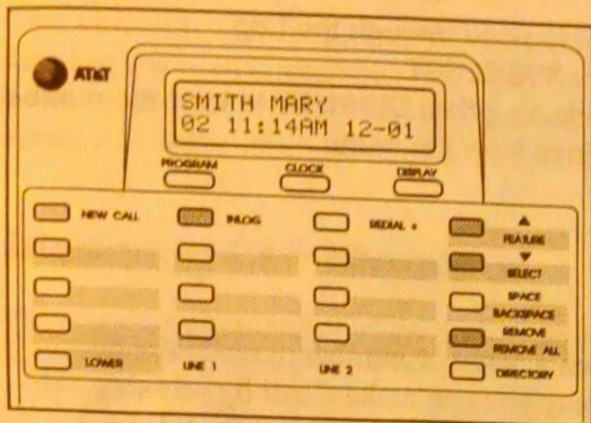
When a name or number appears on the display you can make a call by pressing **(AUTO)DIAL**, while you review InLog. If the phone number is out of your area code, the phone will automatically dial a "1" before dialing the phone number.

You can also use the dial pad to dial while you look at the InLog number.



# Call Identification Operation

## Removing Incoming Call Numbers



There are two ways you can remove calls from the Incoming Call Log. You can remove a specific call, while reviewing the INLOG, or you can erase all of the Log.

- Erase a Specific Number**
- 1 Press **INLOG**.
  - 2 Press **▲/FEATURE** or **▼/SELECT** until the number you want to erase appears on the display.
  - 3 Press **REMOVE**.

4

- Erase Entire Incoming Call Log**
- 1 Press **INLOG**.
  - 2 Press **LOWER**.
  - 3 Press **REMOVE ALL**. "No Calls" appears on the display

## Uninstalling the CT 8130 Software

The software provides an uninstall procedure that allows you to remove CT 8130 from your computer.

**NOTE:** Only perform the uninstall procedure if you no longer want to use the program AND you want to remove the program from your computer.

- 1 Start Microsoft Windows.
- 2 Open the AT&T Phone 8130 program group, and double-click or the CT 8130 Uninstall icon. The 8130 Uninstall window appears.
- 3 Select Automatic.  
The software is removed.

Removing  
CT 8130 from  
Your Computer

# Appendices

## Connecting Your Phone to a FAX or Telephone Answering Machine (TAS)

Do you want to connect a FAX machine or Telephone Answering System (TAS) to the same phone jack that your phone is connected to? If so, it will be just like connecting any other 2-line phone. Before you connect the phone to the FAX or the answering machine, you need to determine the following:

- Do you have a wall jack with two lines or two one-line wall jacks?
- Does your FAX or answering machine have two jacks—one for the line and the other for the phone?

### Wall Jack with Two Lines

You will need a Triplex Adapter, available where you purchased your phone. Plug the adapter into your wall jack.

- **FAX/TAS with Two Jacks.** Use two line cords to connect the "Line 1" jack and the "Line 2" jack on the Triplex Adapter to the phone and the FAX, and then use an additional cord to plug the FAX into the phone.
- **FAX/TAS with One Jack.** Plug one end of the line cord with the clear plugs into the "lines 1 and 2" jack on the Triplex adapter. Plug the other end into the phone. Then plug one end of the line cord with the blue plugs into one of the other jacks on the Triplex Adapter, and plug the other end into the FAX or TAS.

### Two One-line Wall Jacks

You will not need a Triplex Adapter.

- **FAX/TAS with Two Jacks.** Use the "Line 1" jack and the "Line 2" wall jacks, and plug the other ends into the phone and the FAX or TAS. Use an additional cord to plug the FAX or TAS into the phone.
- **FAX/TAS with One Jack.** You will need a two-line adapter at the wall jack that the FAX or TAS will be attached to. After it is plugged into the wall, use the two line cords to connect to the phone and FAX or TAS. Connect the other line cord directly to the phone with the other line cord

# In Case of Difficulty

Problem	Solution
Display Screen Remains Blank	... Check AC power connection.
No AC Power	The phone <b>will not</b> work if there is no AC power.
No Dial Tone	<ul style="list-style-type: none"> <li>... Check that the line is not on HOLD.</li> <li>... Check that the line cord and the coiled handset cord are connected properly at both ends.</li> <li>... Check for AC power. Is the display on? If not, try another AC plug.</li> <li>... Unplug the phone and connect it to another working modular jack. Plug in AC power. If it still does not work, and other phones in your home are working, the problem may be with this phone. Call the AT&amp;T National Service Center at 1 800 233-2650.</li> </ul>
Computer Not Working Properly After the CT 8130 Software is Installed	<p>In a small percentage of computers there may be a problem with connecting devices through serial ports. The problems may range from the phone not responding to a command from the software, especially if you are using a modem at the same time, to the computer not responding at all.</p> <p>Such problems are usually due to "IRQ Conflicts" with the serial ports. The AT&amp;T 8130 Coach describes in detail these problems and ways to solve them. Disconnect the phone from the computer and refer to "PC Serial Ports" in the Coach.</p>
Call Cannot Be Dialed, Or Is Dialed Slowly	See page 6 to reset DIAL MODE. If you have rotary dialing service, you cannot dial phone numbers with the dial mode set to TONE (touch tone). Set the dial to PULSE (rotary), then hang up and dial again.
Difficulty Entering Phone Numbers In Memory	Review page 22 to make sure you are storing the number correctly.
Phone Does Not Work	Check the AC connections between the phone and the electrical outlet.
Call ID - Local Long Distance	The telephone will not add "1" and the local area code to local long distance numbers. You may not be able to dial these numbers from InLog.
LINE STATUS Light Not Working Properly.	You may need to initialize the phone line. Press each line button and then press SPKR, three times in a row.

# In Case of Difficulty

Problem	Solution
<p><b>"Check Line n" Appears in Display</b></p>	<ul style="list-style-type: none"> <li>... Check that the line cord is connected properly at both ends.</li> <li>... Unplug the phone and connect it to another working modular jack. Plug in AC power. If it still does not work, and other phones in your home are working the problem may be with this phone. Call the AT&amp;T National Service Center at 1 800 233-2650.</li> <li>... Try another phone in this phone jack. If it doesn't work, there may be a problem with the phone line.</li> <li>... If you have only one phone number, thus using only one phone line, n is the line not in use. To turn this message off refer to "One Phone Line Operation" on page 7.</li> </ul>
<p><b>You are Connected to a Caller but Cannot Hear or Speak to Them.</b></p>	<p>Check that MUTE and HOLD are not ON.</p>
<p><b>No Call Information Received</b></p>	<p>Check all line cord connections at both the wall and phone.</p> <p>Call Identification is a subscription service. Non-subscribers to this service cannot receive call information. You must subscribe to the service.</p> <p>The phone receives call information between the first and second ring. If the caller hangs up or you answer before the second ring, the phone may not receive Call Identification information.</p> <p>If you have Call Forward Service and you forward your calls, the phone does not receive call information. Those calls are forwarded before completing the second ring.</p>
<p><b>Telephone Does Not Ring</b></p>	<p>Make sure the RINGER volume is ON.</p> <p>If there are several other phones on the same line, try disconnecting some of the other phones. Having too many phones connected can create problems, such as low ringer volume or impaired sound quality during calls.</p>

If you have problems, call the AT&T National Service Center at 1 800-222-3111.

If you cannot correct the problem, disconnect the phone and refer to the AT&T Limited Warranty on page 33.

# AT&T Limited Warranty

## AT&T Limited Warranty

*This warranty applies only to AT&T products purchased and used in the United States.*

### What is covered:

Any defect in materials or workmanship.

### For how long:

One year.

### What we will do:

If your AT&T product is defective in material or workmanship and returned within one year of the date of purchase, we will repair it or, at our option, replace it at no charge to you.

If we repair your AT&T product, we may use new or reconditioned replacement parts. If we choose to replace your AT&T 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 one-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 one year from date of purchase. We will not pay for loss of time, inconvenience, loss of use of your AT&T product, or property damage caused by your AT&T 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 for your AT&T product, you must provide proof of the date of purchase. Call us toll free at 1 800 233-2650 for the address of an authorized service location. You are responsible for paying all shipping costs to AT&T. We suggest you retain your original packing material in the event you need to ship your AT&T product. When sending your AT&T 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 your AT&T product, we will ship it to your home in the United States at no cost to you. Repair or replacement of your AT&T 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 AT&T control, including accidents, damage while in transit to our service location, alterations, unauthorized repair, failure to follow instructions, misuse, fire, flood, acts of God and use outside of the United States. Nor do we warrant your AT&T product to be compatible with any particular telephone equipment or party line, key telephone systems or more sophisticated customer premises switching systems. If your AT&T product is not covered by our warranty, call us toll free at 1 800 233-2650 for advice as to whether we will repair your AT&T product and other repair information, including charges. We, at our option, may replace rather than repair your AT&T 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 your AT&T product, and it sets forth all our responsibilities regarding your AT&T 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.

## FCC Registration and Repair Information

Your new AT&T product has been registered with the Federal Communications Commission (FCC). This product complies with standards in Part 68 of the FCC Rules. The FCC requires us to provide you with the following information:

### 1. Connection and use with the nationwide telephone network:

An FCC compliant telephone cord and modular plug are provided with this telephone. This telephone 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 Owners Manual".

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

### 2. Notification to the telephone company:

The FCC requires that upon request of your local telephone company, you provide 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 your telephone line is 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.

### 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 outlet until the problem has been corrected. Repairs to this telephone equipment can be made only 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 AT&T Limited Warranty.

### 4. Rights of the telephone company:

If your product is causing harm to the telephone network, the telephone company may temporarily discontinue your telephone service. If possible, they will notify you before they interrupt service. If advance notice isn't practical, you'll 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, operations, or procedures that could affect the proper functioning of your AT&T product. If such changes are planned, you will be notified.

### 5. This telephone is compatible with inductively coupled hearing aids.

### 6. Programming/Testing Emergency Numbers:

Although testing the programming of emergency numbers is not a recommended procedure, 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 in the early morning or late evening (off-peak hours).

# FCC Information and Maintenance

## 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.

Your AT&T 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 harmful interference will not occur in a particular installation.

If your AT&T product causes interference to radio 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, reorient the receiving television or radio antenna.
- To the extent possible, relocate the television, radio, or other receiver with respect to the telephone equipment.
- If your 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 or television.

If you need assistance, you can call our National Service Center at 1 800 233-2650.

The user is cautioned that modifications to this telephone, not expressly approved by AT&T, could void the user's authority to operate the equipment.

## Maintenance Information

Although your telephone is designed to be maintenance-free, it contains sensitive electronic parts. Treat it with care to ensure best performance.

### Avoid Rough Treatment

Avoid dropping the handset, and replace it gently on the telephone after use. The original packaging should be used for protection if you must ship the telephone.

### Cleaning

The hard plastic case of your telephone has a durable finish that should retain its original luster for many years. Clean exposed parts with a soft, slightly damp cloth. To remove stains, use a mild soap. Never use detergents, excess water, treated cloths, harsh cleaning agents or sprays.





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**Printed in Mexico**  
847-538-485 Issue 1