AT&T

USER'S MANUAL
Part 2

900 MHz Cordless Telephone
with Caller ID/Call Waiting 9345

DRAFT 6/5/01

**For Customer Service Or Product
Information, Visit Our Website At
www.telephones.att.com**

Please also read
**Part 1 — Important
Product Information**

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CONTENTS

BEFORE YOU BEGIN

About Caller Identification (Caller ID)

This product has a Caller ID with Call Waiting feature that works with service from your local phone service provider.

Caller ID with Call Waiting lets you see who's calling before you answer the phone, even when you're on another call.

You may need to change your phone service to use this feature. Contact your phone service provider if:

- You have both Caller ID and Call Waiting, but as separate services (you may need combined service)
- You have only Caller ID service, or only Call Waiting service
- You don't subscribe to any Caller ID or Call Waiting services.

You can use this product with regular Caller ID service, and you can use this product's other features without subscribing to either Caller ID or combined Caller ID with Call Waiting service.

There are fees for Caller ID services, and they may not be available in all areas.

This product can provide information only if both you and the caller are in areas offering Caller ID service, and if both telephone companies use compatible equipment.

1

INSTALLATION

Before You Install

1   Choose a location for the base near an electrical outlet and a telephone jack.

This phone requires a modular telephone jack and a standard electrical outlet (110v AC) not controlled by a wall switch.

2   Install the handset battery.

a) Remove battery compartment cover by pressing on the indentation and sliding downward.

b) Align two holes in plug with socket pins, and snap the plug into place.

c) Place battery pack in compartment with the wires in the lower left corner, along the bottom of the battery pack.

d) Replace cover by sliding it up into place.

2
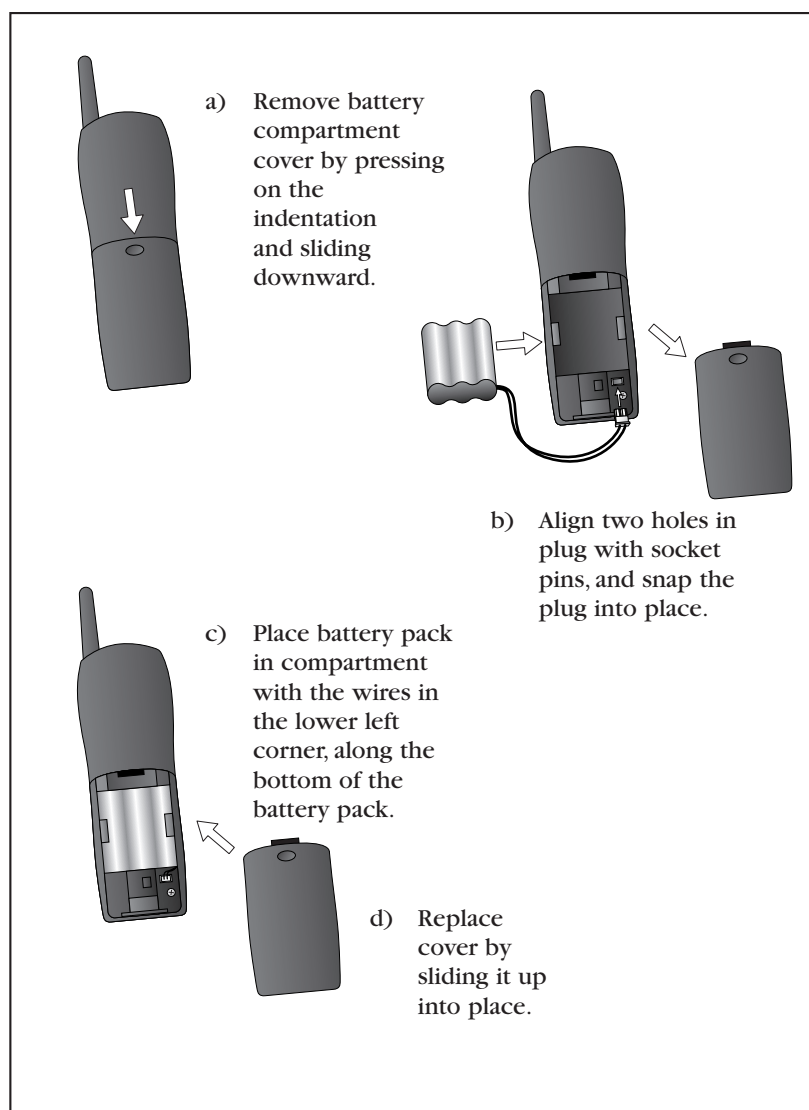
INSTALLATION

3   **Attach belt clip to the cordless handset** *(optional)*.

To attach   *To remove*

Table/Desk Installation

Standard electrical outlet

Modular telephone jack

1   **Connect the telephone line cord.**

2   **Connect the power cord.**

3
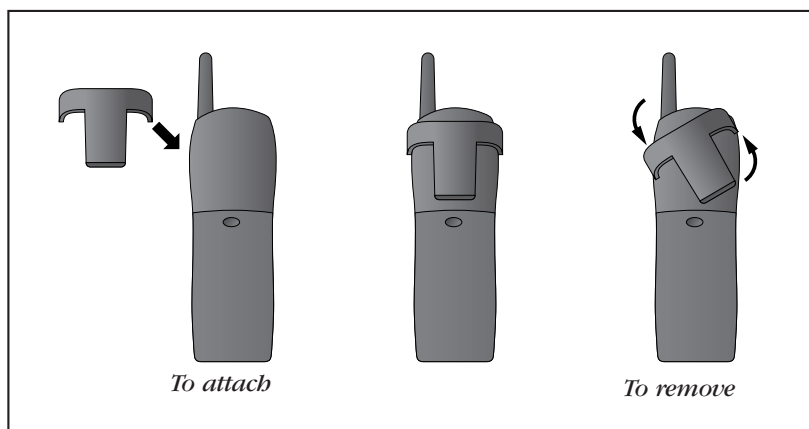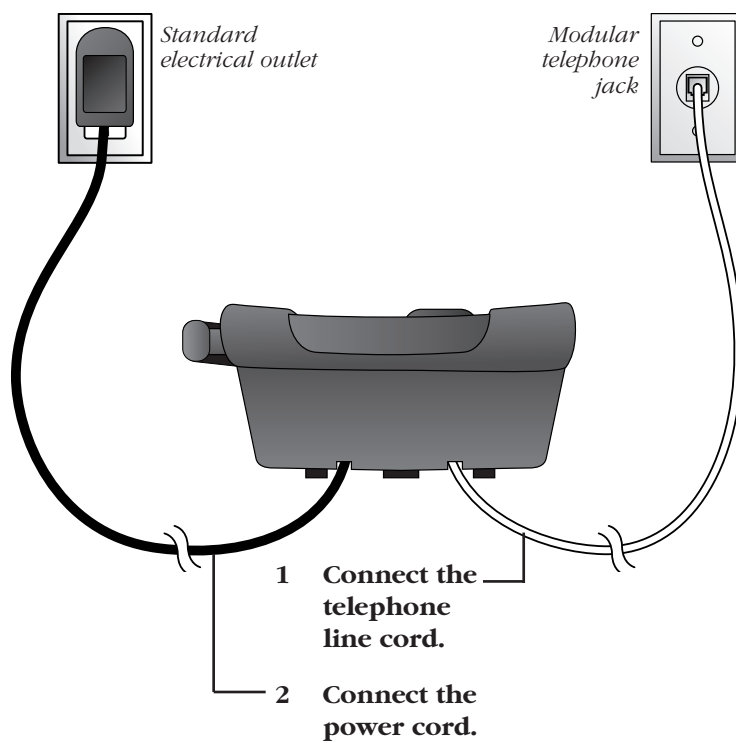
INSTALLATION

3   Charge the handset battery.

Place the handset in the base. Charge the battery for at least 16 hours the first time.

4   Check for dial tone.

After the batteries are charged, pick up the handset and press [PHONE]; you should hear a dial tone.

5   Set the dial mode.

If you have touch tone service, the phone is ready to use as soon as the batteries are charged.

If you have dial pulse (rotary) service, you'll need to change the dial mode.

• Press [PROG/CHAN] on the handset to enter programming mode.

• Press ◀ or ▶ until the screen displays DIAL TYPE: and the currently selected mode.

• Press [SEL]. The current setting blinks.

• Press ▶ to select TONE or PULSE.

• Press [SEL], to save the displayed mode.

4

INSTALLATION

Wall Installation

1   **Connect the telephone line cord.**

2   **Connect the power cord.**

3   **Mount the base on the wall.**

Standard electrical outlet

a)   Align holes on base with mounting studs on wall jack.

Modular telephone jack
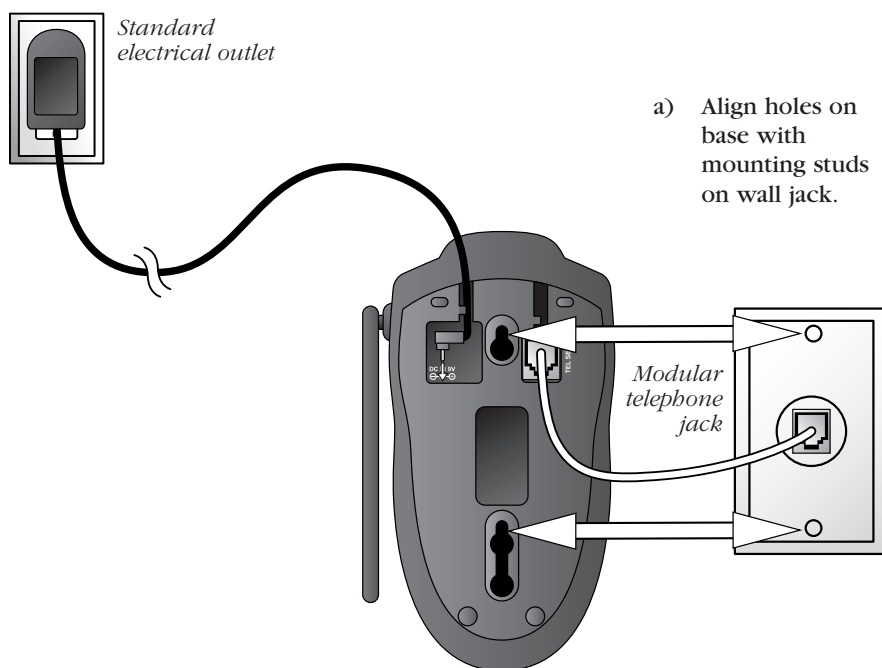
b)   Pull base down on mounting studs until it locks into place.

4   **Follow Steps 3–5 in Table/Desk Installation.**

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TELEPHONE OPERATION

Answer a Call
Press any key
except [OFF].

**Flash/
Call Waiting**
Access special
telephone company
subscriber services.

JOHNSON CHARLIE
908-555-1212
5/01 5:40 PM OLD 28

CID   — VOLUME —   DIR

Handset Volume
While on a call,
adjust volume
of what you hear.

Make a Call
Press [PHONE], then
dial the number
— OR —
Dial the number (use
◄ to backspace and
correct digits), then
press [PHONE] to call.

PHONE   FLASH   OFF

End a Call
Press [OFF]
— OR —
Place handset
in base.

*Exit
programming.*

Cancel a page.

1   ABC 2   DEF 3

GHI 4   JKL 5   MNO 6

PQRS 7   TUV 8   WXYZ 9

TONE *   OPER 0   #

Hold
Press to put a
call on hold.
Press again to
release hold
— OR —
Lift the handset
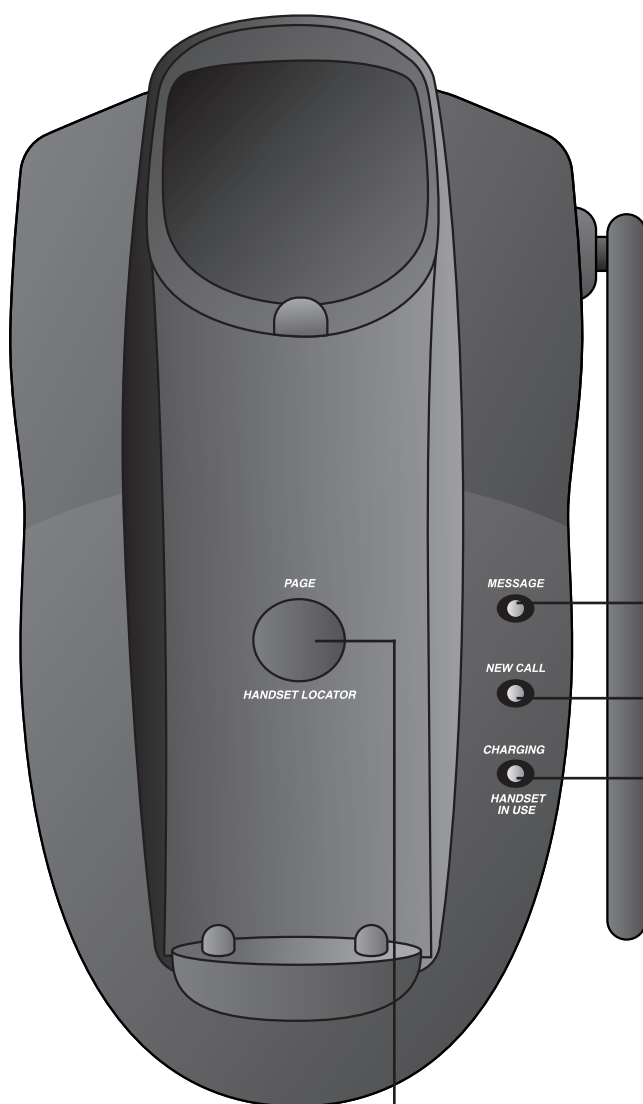of an extension.

HOLD   PROG/CHAN   REDIAL/PAUSE

Redial
Press [PHONE], then
press [REDIAL/PAUSE] to
call last number dialed
(up to 24 digits).

Change Channel
Switch to a clearer channel
while on a call.

Enter programming while not on a call.

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TELEPHONE OPERATION

PAGE

MESSAGE

NEW CALL

HANDSET LOCATOR

CHARGING

HANDSET
IN USE

If you subscribe to telephone company voice mail with a visual message waiting signal, light flashes when you have voice mail waiting.

Flashes when you have unreviewed call information.

On steadily when handset is in use or is charging in base.

Page/Handset Locator

Press to page the handset for up to 90 seconds. Press again to cancel, or press ⌊OFF⌋ on handset.

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TELEPHONE OPERATION

Handset Ringer Style/Battery Save
You can select from four different handset ringer styles, or turn the ringer off and extend the battery life.

1 Make sure the handset is off.
2 Press PROG/CHAN to enter programming mode.
3 Press ▶ until the screen displays RINGER:.
4 Press SEL. The screen displays the current setting.
5 Press ▶ to select 1, 2, 3, 4, or OFF. You will hear a sample of each ring.
6 Press SEL to choose the displayed ringer setting.

Temporary Tone Dialing
If you have dial pulse (rotary) service, you can change from dial pulse to touch tone dialing during a call by pressing ✳. This is useful if you need to send touch tone signals for access to telephone banking or long-distance services.

1 Dial the number.
2 Press ✳. Buttons pressed after this send touch tone signals.
3 After you hang up, the phone automatically returns to dial pulse (rotary) service.

Headset Jack
You can use this telephone hands-free when you install any AT&T 2.5 mm headset, purchased separately.

Plug the headset into the jack located on the right side of the handset (under the small rubber flap). Do not force the connection, but make sure the plug fits securely.

8
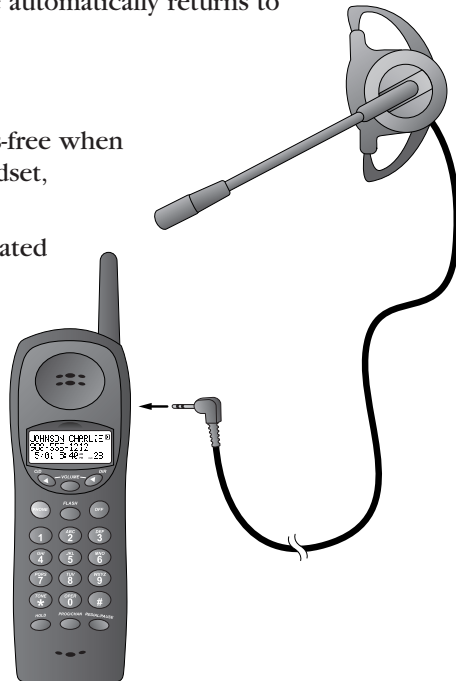
TELEPHONE OPERATION

Operating Range

This cordless telephone operates within the maximum power allowed by the Federal Communications Commission (FCC). Even so, this handset and base can communicate over only a certain distance — which can vary with the locations of the base and handset, the weather, and the construction of your home or office. For best performance, keep the base antenna fully upright.

If you receive a call while you are out of range, the handset might not ring — or if it does ring, the call might not connect when you press [PHONE]. Move closer to the base, then press [PHONE] to answer the call.

If you move out of range during a phone conversation, you might hear noise or interference. To improve reception, move closer to the base.

If you move out of range without pressing [OFF], your phone will be left "off the hook." To hang up properly, walk back into range, periodically pressing [OFF].

Display Screen Messages

Screen Displays:	When:
NO LINE	The base is not connected to the telephone line, or the line is not working.
RINGING	There is a call coming in.
CONNECTING	The handset is waiting for a dial tone.
PHONE	The handset is in use.
MESSAGE WAITING	You have received telephone company voice mail.
PAGING	The base is paging the handset.

TELEPHONE MEMORY

This cordless phone can store 20 telephone numbers with names, each up to 16 digits long. Entries are stored alphabetically. For consistency with Caller ID entries, you may wish to enter last names first.

Note: Press [OFF] at any time to exit memory.

Store Memory Numbers

1   Press [PROG/CHAN]. The screen displays DIRECTORY.

2   Press [SEL]. The screen displays ENTER NAME.

3   Using the chart below, enter up to 16 characters for the name you're storing with the number. Use ◀ to backspace and make corrections; use ▶ to advance and add a space.

Dial Key	Presses					
	1	**2**	**3**	**4**	**5**	**6**
[1]	I					
[2]	A	B	C	2		
[3]	D	E	F	3		
[4]	G	H	I	4		
[5]	J	K	L	5		
[6]	M	N	O	6		
[7]	P	Q	R	S	7	
[8]	T	U	V	8		
[9]	W	X	Y	Z	9	
[0]	0					
[*]	*					
[#]	&	'	,	-	.	#

TELEPHONE MEMORY

4   When you finish entering the name, press ⌷SEL⌷. The screen
displays ENTER NUMBER.

5   Enter the telephone number. Use ◄ to backspace and make
a correction. Press ⌷REDIAL/PAUSE⌷ to store a pause in the dialing
sequence.

6   Press ⌷SEL⌷ to store your entry. The screen displays SAVING…
and you'll hear a series of beeps confirming the entry.

Note: *When memory is full the screen displays* MEMORY FULL, *an error
tone sounds, and you will not be able to store a new number until you
delete a stored number.*

Edit Numbers Stored in Memory

1   Press ▶ (DIR). The screen displays DIRECTORY.

2   Press ◄ or ▶ to scroll alphabetically through numbers
stored in memory

—OR—

Press the dial pad key for the first letter of the entry you
want to edit.

3   When the screen displays the number you want to edit, press ⌷SEL⌷.
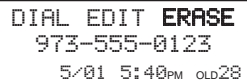Then press ◄ or ▶ until EDIT flashes.

```
DIAL EDIT ERASE
   973-555-0123
     5/01 5:40PM OLD28
```

4   Press ⌷SEL⌷. The screen displays the name and number. The flashing
cursor appears at the end of the name. Use ◄, ▶ and the dial
pad keys to edit the name. Press ⌷SEL⌷ to move on to edit the
number.

5   Press ⌷SEL⌷ to save the edited information. You'll hear a series of
beeps confirming the change.

TELEPHONE MEMORY

Delete Numbers Stored in Memory

1 Press ▶ (DIR). The screen displays DIRECTORY.

2 Press ◀ or ▶ to scroll alphabetically through numbers stored in memory

    —OR—

    Press the dial pad key for the first letter of the entry you want to delete.

3 When the screen displays the number you want to delete, press ⌊SEL⌋. Then press ◀ or ▶ until ERASE flashes.

```
DIAL EDIT ERASE
   973-555-0123
     5/01 5:40PM OLD28
```
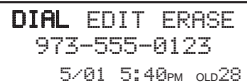
4 Press ⌊SEL⌋. The screen displays ERASE NO YES and the number. The current choice flashes.

5 Press ◀ or ▶ until YES flashes.

6 Press ⌊SEL⌋. You'll hear a series of beeps confirming the deletion.

Dial Memory Numbers

1 Press ▶ (DIR). The screen displays DIRECTORY.

2 Press ◀ or ▶ to scroll alphabetically through numbers stored in memory

    —OR—

    Press the dial pad key for the first letter of the entry you want to dial.

3 When the screen displays the number you want to dial, press ⌊SEL⌋. Then press ◀ or ▶ until DIAL flashes.

```
DIAL EDIT ERASE
   973-555-0123
     5/01 5:40PM OLD28
```

4 Press ⌊SEL⌋. The phone automatically dials the number.

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CALLER ID OPERATION

Indicates repeat call

Caller's name — JOHNSON CHARLIE ✳

Caller's telephone number — 908-555-1212

5/01 5:40 **AM** **PM** OLD 28

Date of call   *Time of call*   *Position of call in call history*
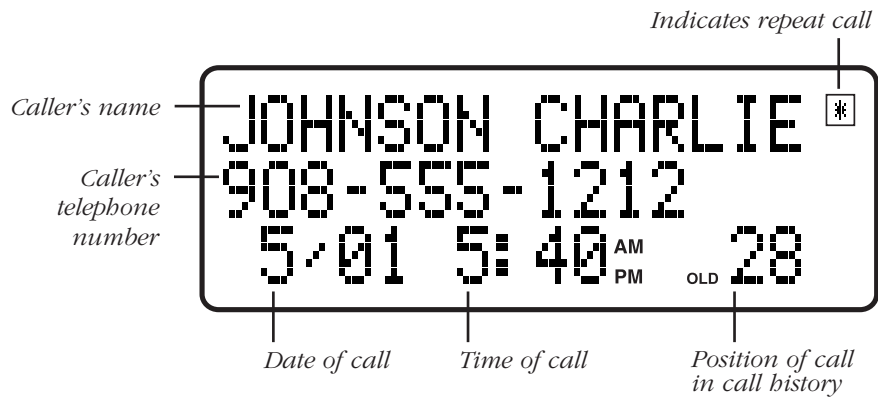
About Call History

This phone assigns each incoming call a number from 1 to 50. The most recent call will have the highest number. When the memory is full, the oldest call information is deleted to make room for new incoming call information.

For each call that comes in, the screen displays the following information between the first and second rings:

- Your caller's name (15 letters are sent by your telephone company)
- The caller's area code and telephone number
- The time and date of the call
- The position of the call in call history.

If you answer a call before the information appears on the screen, it will not be in the call history.

Note: *Press ⌈OFF⌋ at any time to exit call history.*

Review Call History

The screen displays call information for about 15 seconds after it has been received.

1   Press ◀ (CID) to view call history.
2   Use ◀ and ▶ to scroll through records in call history.

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CALLER ID OPERATION

Delete Records from Call History

Delete a Specific Call

1 Locate the record you want to delete from call history.
2 Press ⌐SEL¬, then press ◄ or ► until ERASE flashes.

```
DIAL PGM ERASE
  973-555-0123
    5/01 5:40PM OLD28
```

3 Press ⌐SEL¬. The screen displays ERASE NO YES ALL and
   the phone number. The current choice flashes.
4 Press ◄ or ► until YES flashes.
5 Press ⌐SEL¬. You'll hear a series of beeps confirming the deletion.

Delete All Calls

1 While viewing call history, press ⌐SEL¬, then press ◄ or ► until
   ERASE flashes.

```
DIAL PGM ERASE
  973-555-0123
    5/01 5:40PM OLD28
```

2 Press ⌐SEL¬. The screen displays ERASE NO YES ALL and
   the phone number. The current choice flashes.
3 Press ◄ or ► until ALL flashes, then press ⌐SEL¬. The screen
   displays ERASE ALL NO YES. The current choice flashes.
4 Press ◄ or ► until YES flashes.
5 Press ⌐SEL¬. You will hear a series of beeps confirming the deletion.

Dial a Displayed Number

1 Locate the record in call history that you want to dial.
2 Press ⌐SEL¬, then press ◄ or ► until DIAL flashes.

```
DIAL PGM ERASE
  973-555-0123
    5/01 5:40PM OLD28
```

The phone number will be displayed in the format it was received.

3 If you wish to change how the number is dialed, press ⌐#¬.
   The screen displays any alternate dialing sequences available
   for this call (area code + number; 1 + area code + number;
   1+ number; number only).
4 Press ⌐PHONE¬ when the number is correctly displayed for dialing.

CALLER ID OPERATION

Store a Call History Record in Memory

1 Locate the record in call history you want to store in memory.

2 Press `SEL`, then press ◀ or ▶ until PGM flashes.

```
DIAL PGM ERASE
 973-555-0123
   5/01 5:40PM OLD28
```

The phone number will be displayed in the format it was received.

3 If you wish to change how the number is stored, press #.
The screen displays any alternate dialing sequences available
for this call (area code + number; 1 + area code + number;
1+ number; number only).

4 Press `SEL` to store the call information in the memory location
displayed in the upper right corner
— OR —
Press ◀, then enter a two-digit memory location (01-20).

5 Press `SEL`. You'll hear a series of beeps confirming the number
was stored.

6 If you try to store information in an already occupied location, the
screen displays

```
OVERWRITE? NO
 973-555-0123
   5/01 5:40PM OLD28
```

Press `SEL` to exit without replacing the number already stored in
that location
— OR —
Press ▶ to display YES, then press `SEL` to replace the previous
number with the new one.

CALLER ID OPERATION

Display Screen Messages

Screen Displays:	When:
PRIVATE NAME	The other party is blocking name information.
PPP	The other party is blocking number information.
PRIVATE CALLER	The other party is blocking name and number information.
UNKNOWN NAME	Your phone company is unable to receive information about this caller's name.
UUU	Your phone company is unable to receive information about this caller's number.
UNKNOWN CALLER	Your phone company is unable to receive information about this caller's name and number.
EXTENSION IN USE	An extension phone on this line is being used, so call information cannot be received.
Err	There is a problem with Caller ID transmission from the telephone company.

BATTERIES

Charging the Handset Battery Pack

This battery should remain charged up to six days with the ringer turned on and up to 12 days with the ringer off. A fully charged battery provides an average talk time of about five hours.

The battery pack needs charging when:
• A new battery is installed in the handset.
• The phone beeps twice every 16 seconds.
• The screen displays LOW BATTERY and the low battery icon.

Place the handset in the base so the CHARGING light turns on. The battery pack is typically fully charged in eight hours.

You can keep the battery fully charged by returning the handset to the base after each use.

If you repeatedly get a low battery indicator, even after charging overnight, the battery should be replaced.

CAUTION: To reduce the risk of fire or injury to persons or damage to the telephone, read and follow these instructions carefully:

• Use only Replacement Battery 3301 (SKU# 91076).
• Do not dispose of the battery in a fire. The cell might explode. Check with local codes for special disposal instructions.
• Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
• Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm.
• Charge the battery provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
• Observe proper polarity orientation between the battery and battery charger.

BATTERIES

Nickel-Cadmium Rechargeable Batteries must be recycled or disposed of properly. Do not dispose of in household garbage. If burned, it could explode. If punctured, it could release caustic material which could injure the skin or eyes. If swallowed, it may be toxic.

The RBRC™ seal means that the manufacturer is voluntarily participating in an industry program to collect and recycle Nickel-Cadmium rechargeable batteries when taken out of service within the United States. These batteries may be taken to a participating local retailer of replacement batteries or recycling center. Or, you may call 1 800 8BATTERY for locations accepting spent Nickel-Cadmium batteries.

Replacing the Handset Battery Pack

1 **Remove the battery compartment cover** on the handset by pressing on the indentation and sliding the cover downward.

2 **Lift out the old battery pack and disconnect.**

3 **Align the two holes in the new battery pack's plug** with the socket pins, and snap the plug into place. Place the battery pack in the compartment with the wires in the lower left corner, along the bottom of the battery pack.

4 **Replace the cover** by sliding it up into place.

5 **The new battery pack must be charged before using the phone.** Place the handset in the base and allow it to charge for at least 16 hours the first charge. The telephone might operate before that, but for best performance, let the battery pack charge fully.
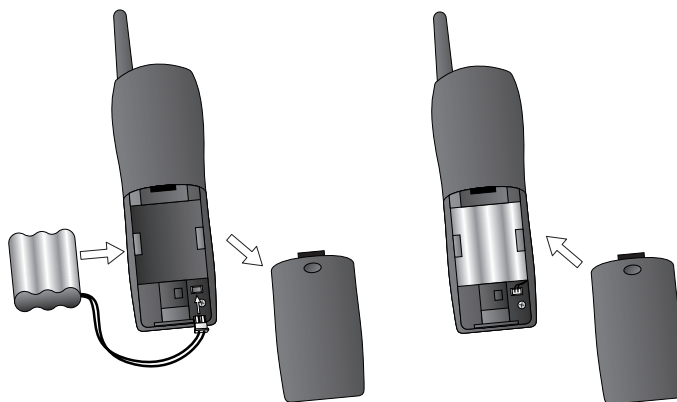
RBRC is a registered trademark of the Rechargeable Battery Recycling Corporation.

IN CASE OF DIFFICULTY

If you have difficulty operating this phone, try the suggestions below.
For Customer Service, visit our website at *www.telephones.att.com* or call
1 800 222-3111. **Please retain your receipt as your proof of purchase**.

If the phone doesn't work at all, check these items first:
• Make sure the AC adapter is plugged into an outlet not controlled by a wall switch.
• Make sure the telephone line cord is plugged firmly into the base unit and the modular jack.
• Make sure the base antenna is fully upright.
• If the handset does not beep when you press PHONE, the battery might need charging.
• Make sure the battery pack is installed correctly.
• If you have dial pulse (rotary) service on your phone line, make sure the dial mode is set to dial pulse (see INSTALLATION).

If the above suggestions don't solve the problem, try re-initializing the handset and base:
1 Disconnect the power to the base.
2 Remove the handset battery pack.
3 Wait a few minutes.
4 Connect the power to the base.
5 Insert the handset battery pack.
6 Put the handset in the base to re-initialize.

If you hear a two-beep signal when you try to use the handset:
• You might be out of range. Move closer to the base and try again.
• If moving closer to the base doesn't help, try following the directions above for re-initializing the handset and base.

If the phone does not ring when you receive a call:
• Make sure the handset ringer is on.
• Make sure the telephone line cord is connected firmly to the base and the telephone jack.
• Make sure the AC adapter is plugged firmly into an outlet not controlled by a wall switch.
• You might be too far from the base; move closer.
• You might have too many extension phones on your telephone line to allow all of them to ring. Try unplugging some of them.

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IN CASE OF DIFFICULTY

If you hear noise or interference when using the phone:
- Make sure the base antenna is fully upright.
- You may be out of range. Move closer to the base.
- Press and release PROG/CHAN to change to another of the 30 channels available. If noise is exceptionally loud, move closer to the base before changing channels.
- Household appliances plugged into the same circuit as the base can sometimes cause interference. Try moving the appliance or the base to another outlet.
- The layout of your home or office might be limiting the operating range. Try moving the base to another location, preferably on an upper floor.
- If the buttons don't work, try placing the handset in the base for at least 15 seconds.

If you hear other calls while using your phone:
- Press PROG/CHAN to change to another channel.
- Disconnect the base from the modular jack and plug in a corded telephone. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone service company.

If you lose a call after changing channels:
You were probably almost out of range. Move closer to the base before changing channels. Before placing another call, set the handset in the base for at least 15 seconds.

If you are unable to operate special telephone services or other equipment requiring touch tone signals:
If you have dial pulse (rotary) service, follow the directions under "Temporary Tone Dialing" in the TELEPHONE OPERATION section of this manual.

If the MESSAGE light on the base does not go off even after you've listened to voice mail messages:
1   Press PROG/CHAN .
2   Press ▶ until the screen displays MESSAGE WAITING.
3   Press SEL . The screen displays LIGHTS OFF: YES.
4   Press SEL again to turn off the MESSAGE light on base.

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