at&t

User's manual

E598-1
5.8 GHz expansion handset for use with AT&T models E5901/ E5902B/E5903B/ E5911/ E5912B/E5913B/E5914B/ E5921/E5922B/E5923B/ E5924B/E6001/E6002B/ E6012B/E6013B/E6014B/ E3813B

Congratulations

on purchasing your new AT&T product.

Before using this AT&T product, please read the Important safety instructions on pages 51 to 54 of this manual

Please thoroughly read the user's manual for all the feature operation and troubleshooting information you need to install and operate your new AT&T product. For customer service or product information, please visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada dial **1 (866) 288-4268**.

Model #:	E598-1
Product name:	5.8GHz expansion handset
Serial #:	
	(found on the bottom of the charger)
Purchase date:	
Place of purchase:	

You must charge the battery and register the handset before use.

STOP!
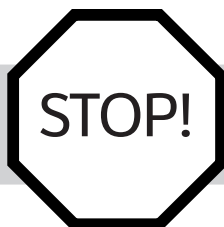
See pages 3-5
for easy instructions.

Table of contents

For customer service or product information, please visit our
website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada dial **1 (866) 288-4268**.

ℹ️ *NOTE:* Your product may be shipped with a protective sticker covering the
handset or base display, remove it before use.

Quick reference guide

For complete instructions, please refer to the manual provided with your E5901/E5902B/E5903B/E5911/E5912B/E5913B/E5914B/E5921/E5922B/E5923B/E5924B/E6001/E6002B/E6012B/E6013B/E6014B/E3813B telephone. If you are unable to find your manual, you may read and/or download the manual at **www.telephones.att.com.**

Handset

NavKeys UP CENTER
LEFT RIGHT
DOWN

CID

Press to display caller ID information (page 38).

PHONE/FLASH

Press to make or answer a call.
During a call, press to receive an incoming call if call waiting is activated (page 10).

MUTE/DELETE

While on a call, press to mute microphone (page 12). While reviewing the call log, press to delete an individual entry, or press and hold to clear the caller ID log (page 39).
While predialing, press to delete digits from a string (page 8).

SPEAKER

Press to activate handset speakerphone. Press again to resume normal handset use (page 8).
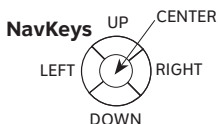
MENU/SELECT

Press **MENU/SELECT** to display menu, or to select a highlighted item from menu or save an entry. Press ⊙ or ⊙ to scroll up or down while in menus. While entering names or numbers, press ⊙ or ⊙ to move the cursor to the left or right.

DIR

Press to display directory entries (page 30).
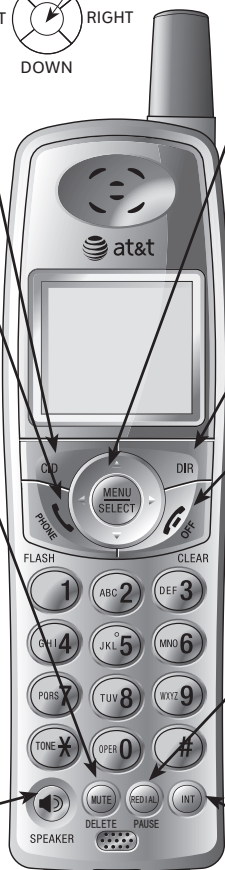
OFF/CLEAR

During a call, press to hang up. While using menus, press to cancel an operation, back up to the previous menu, or exit the menu display.

REDIAL/PAUSE

Press to view redial memory (page 9). While entering numbers, press and hold to insert a dialing pause (page 28).

INT

Press to initiate an intercom conversation or transfer a call (page 15-18)

1

Parts checklist

Save your sales receipt and original packaging in case you need to ship your telephone for warranty service.

Check to make sure the telephone package includes the following:
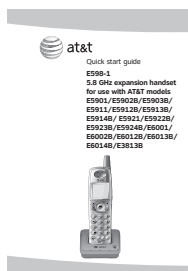
Quick start guide

User's manual

Cordless handset

Charger for cordless handset

Belt clip for cordless handset

Battery for cordless handset

Power adapter for handset charger

Battery compartment cover

Battery installation & charging

After battery installation, the battery may have enough charge to allow you to make a short call. For best performance, place the handset in the charger or telephone base and allow it to charge for 16 hours before use.

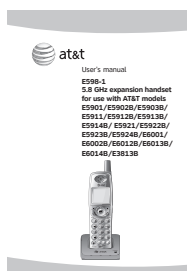You can keep the battery charged by returning the handset to the charger or the telephone base after each use. When the battery is fully depleted, a recharge takes about 12 hours. The average talk time on a fully charged battery is about eight hours depending on environmental conditions, and the standby time when idle is approximately five days.

1. Plug the small end of the smaller power adapter into the jack on the underside of charger, then route the cord through the slot as shown.

2. Plug the large end of the smaller power adapter into an electrical outlet.
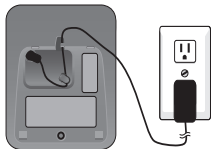
3. Plug the battery securely into the plug inside the handset battery compartment, matching the color-corded label.

4. Place the battery and wires neatly inside the compartment.

5. Slide battery compartment cover towards the center until it clicks closed.

6. The battery may have enough charge to allow you to make a short call. For best performance, place handset in the telephone base or charger to charge for at lease 16 hours before first use.

```
LOW BATTERY
```

Low battery indicator
Return handset to the telephone base or charger to recharge when this symbol flashes. (Handset will beep when battery is low.)

To replace the battery, press in and downward on the tab to open the battery compartment cover. Then lift out the old battery and disconnect. Follow the instructions on this page to install and charge the new battery.

⚠ **Caution:** Use only the supplied rechargeable battery or AT&T replacement battery model 27910 (part number 89-0099-00-00). To purchase a replacement battery, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111.** In Canada dial **1 (866) 288-4268.**

3

Adding and registering handsets

Before using a new E598-1 handset, you must register it with the
E5901/E5902B/E5903B/E5911/E5912B/E5913B/E5914B/E5921/
E5922B/E5923B/E5924B/E6001/E6002B/E6012B/E6013B/
E6014B/E3813B telephone base (purchased separately). The E5901/
E5902B/E5903B/E5911/E5912B/E5913B/E5914B/E5921/E5922B/
E5923B/E5924B/E6012B/E6013B/E6014B/E3813B telephone can
accommodate up to four cordless handsets.

• The handset provided with the E5901/E5911/E5921/E6001 is
automatically registered as handset 1. Additional handsets will be
assigned numbers in the order they are registered (handset 2, hand-
set 3, or handset 4). You can register a maximum of four handsets.

• The E5902B/E5912B/E5922B/E6002B/E6012B has two handsets
automatically registered as handset 1 and 2. You can register two
additional handsets, which will be assigned number 3 and 4.

• The E5903B/E5913B/E5923B/E6013B/E3813B has three hand-
sets automatically registered as handset 1, 2 and 3. You can register
one additional handset, which will be assigned number 4.

• The E5904B/E5914/E5924B/E6014B has four pre-registered
handsets, so you cannot register any additional handset to it.

Before using a new E598-1 handset,
you must register it with the telephone
base. Each handset must be registered
seperately.

**To register a handset to your telephone
base**
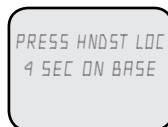
NOT REGISTERED

• When first purchased, all optional
accessory handsets show **NOT
REGISTERED** on the screen. The new
handset may need to be charged for
five minutes before registering to the
telephone base.

PRESS HNDST LOC
4 SEC ON BASE

• Make sure your handset battery is
properly installed and charged (page
3).

4

Adding and registering handsets

* Place the unregistered handset into the telephone base. After a few seconds **PRESS HNDST LOC 4 SEC ON BASE** will be shown on the screen.

* <u>Press and hold</u> ✎**HANDSET LOCATOR** on the main telephone base until the **IN USE** light comes on (about four seconds), then release the button.

PLEASE WAIT...

* The handset will show **PLEASE WAIT...** for a while.

HS X REGISTERED

12:00PM

* The handset will show **HS X REGISTERED** and will beep if the registration was successful.

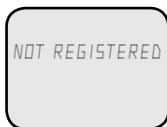🛈 *NOTES:*

1. If you are on a call, using the call log or directory, or another telephone phones on at the same line, you cannot register a handset.

2. If the registration is not successful, the display will show **NOT REGISTERED**. Reset the handset by lifting the handset out of the telephone base and then place the handset back in the telephone base. Now try the registration process again.

5

Replacing a handset

If you are replacing a handset on a system that has the maximum number of registered handsets (four) or wish to change the assigned handset number of your registered handsets, you must first follow the below steps to de-register the handsets, then register all handsets again (page 4-5).

To de-register all handsets

- Press and hold ✐**HANDSET LOCATOR** on the main telephone base E5901/E5902B/E5903B/E5911/E5912B/E5913B/E5914B/E5921/E5922B/E5923B/E5924B/E6001/6002B/E6012B/E6013B/E6014B/E3813B until the IN USE light starts to turn on then flash (about 10 seconds), then release the ✐**HANDSET LOCATOR** button.

- Press and release ✐**HANDSET LOCATOR** again. The **IN USE** light will turn off and in a few seconds, all handsets will be de-registered.

- All handsets will show **NOT REGISTERED** if de-registration was successful.

> NOT REGISTERED

- To re-register the handset to the telephone base, follow the registration instructions on page 4-5.

🛈 *NOTES:*

1. If the de-registration process was not successful, you may need to reset the system and try again. To reset: pick up any registered handset and press the ☎**PHONE/FLASH** button, then press the ✐**OFF/CLEAR** button and place the handset back into the telephone base.

2. You can only de-register handsets when the handsets and the telephone base are not being used.

Belt clip & optional headset

Install belt clip as shown below if desired.

To release belt clip, pull and unlock one flap from the notch first before detaching the whole belt clip from handset.

Snap belt clip into notches on both sides of handset.

For hands-free telephone conversations, you can use any industry standard 2.5 mm headset (purchased separately). For best results, use an AT&T 2.5 mm headset. To purchase a headset, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111.** In Canada dial **1 (866) 288-4268.**

Plug 2.5 mm headset into jack on side of handset (beneath small rubber flap).

7

Handset operation
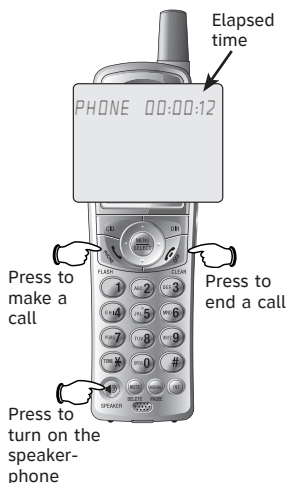
Making and answering calls

To answer an incoming call, press ✆**PHONE/FLASH**, ◀)**SPEAKER**, or any dial pad key (0-9, * or #). To make a call, press ✆**PHONE/FLASH** or ◀)**SPEAKER**, then dial a number. Press ✎**OFF/CLEAR** to hang up.

Elapsed time

PHONE 00:00:12

Press to make a call

Press to end a call

Press to turn on the speakerphone

On-hook dialing

To predial (preview numbers before dialing), enter numbers first, then press ✆**PHONE/FLASH** or ◀)**SPEAKER** to dial. Press **MUTE/DELETE** or ✎**OFF/CLEAR** at any time to make corrections as you are entering numbers.

The screen displays the elapsed time as you talk (in hours, minutes and seconds).

NOTE: Pressing ✆**PHONE/FLASH** to access services from your local telephone service provider will not affect the elapsed time.

Auto off

A call will be terminated automatically by placing the handset in the telephone base or charger.

SPEAKER 00:00:12

NOTE: If a headset is plugged into the handset, you will not be able to use the handset speakerphone.
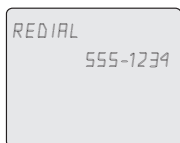
Hands-free speakerphone calls

To answer a call, press ◀)**SPEAKER**. To make a call, press ◀)**SPEAKER**, then dial a number. During a call you can press ◀)**SPEAKER** to alternate between hands-free speakerphone and normal handset use. Press ✎**OFF/CLEAR** to hang up.

8

Handset operation

REDIAL
555-1234

Last number redial

Press **REDIAL/PAUSE** to display the most recently called numbers (up to 32 digits). Press ⊗, ⊗ or **REDIAL/PAUSE** repeatedly to view up to five recently called numbers. The handset will beep twice at the beginning or end of the list. Press ⟋**OFF/CLEAR** to exit.

Press ☎**PHONE/FLASH** or ◀**SPEAKER** to redial any displayed number or press ☎**PHONE/FLASH** or ◀**SPEAKER** then **REDIAL/PAUSE** to call the most recently called number (up to 32 digits).

Press **MUTE/DELETE** to delete the displayed number from the redial memory.

Handset locator

If you misplace the handset(s), press ⟋**HANDSET LOCATOR** at the telephone base. This starts the paging tone at the handset(s) for 60 seconds to help you locate the handset(s). To stop the paging tone, press ☎**PHONE/FLASH**, ◀**SPEAKER**, or any dial pad key (0-9, *, or #) on the handset(s), or press ⟋**HANDSET LOCATOR** on the telephone base.

NOTES:

1. The handset ringer volume also determines the level of the paging tone. If the handset ringer volume level is set to off (0), that handset will be silenced for all calls and paging (see page 20).

2. During a page, if you press ⟋**OFF/CLEAR** or **MUTE/DELETE** on a handset, the ringer of that handset will be silenced. But the page will not be cancelled.

9

Options while on calls

Volume control

Press ♦ **VOLUME** keys on the side of the handset to adjust listening volume. Each press of the button increases or decreases the volume.

When you change the volume level, the new setting is saved.

Press to switch between calls

Press to adjust the listening volume

NOTES:

1. All volume settings, (normal handset, speakerphone, and headset) are independent.

2. When you adjust the volume to highest or lowest, you will hear twice beeps.

Call waiting

If you subscribe to call waiting service with your local telephone service provider, you will hear a beep if someone calls while you are already on a call. Press **PHONE/FLASH** to put your current call on hold and take the new call. You can press **PHONE/FLASH** at any time to switch back and forth between calls.

10

Options while on calls

Multiple handset use

While on a call, a person on the ringing destination handset can press **\PHONE/FLASH** or **◀))SPEAKER** to join the conversation.

The person on either handset can press **✐OFF/CLEAR**, or place the handset in the telephone base or charger to drop out of the call, but the call will not be terminated until all handsets hang up.

ⓘ *NOTE:* A maximum of two handsets can be used on an outside call, and the other two handsets can be used on an intercom call.

Options while on calls

Mute

Press **MUTE/DELETE** to silence the microphone. When mute is on, **MUTED** will show in the handset screen. You will be able to hear the caller, but your caller will not be able to hear you until you press **MUTE/DELETE** again and resume speaking. When mute is turned off, **MICROPHONE ON** will show temporarily on the handset screen.

Ringer silenced

Press to silence the microphone

Temporary tone dialing

If you only have dial pulse (rotary service), you can temporarily switch to touch tone dialing during a call by pressing *****. This can be useful if you need to send tone signals for access to answering systems or long distance services.

After you hang up or press **PHONE/FLASH** (to receive a call waiting call), the phone automatically returns to dial pulse (rotary) service.

Options while on calls

Last number redial

While on a call, you can press **REDIAL/PAUSE** to review the most recently called number. To return to your call, press **REDIAL/PAUSE**. To call the most recently called number displayed, wait for two seconds. The number will be dialed out automatically.

NOTE: While on a call, only the most recently called number can be reviewed, and erasing the entry is not allowed. For more details about the redial memory, see page 9.

Press to review the call log

Press to review the directory

Press to review the redial numbers

Directory

While on a call, you can press **DIR** then ☺ or ☺ to review the directory. To clear the entry from the display, <u>press and hold</u> **OFF/CLEAR**. To dial the displayed number, press **MENU/SELECT**.

NOTES:

1. While reviewing the directory on a call, searching by name to find a specific entry, editing or deleting an entry is not allowed. For more details about the directory, see page 27.

2. While reviewing the call log on a call, storing the caller ID log number in the directory, changing dialing options or deleting is not allowed. For more details about the call log, see page 35.

3. While accessing redial memory, directory or caller ID log during a call, the call will be ended by pressing **OFF/CLEAR**.

13

Options while on calls

Caller ID log

While on a call, you can press **CID** then 🔾 or
🔾 to review the caller ID log. To dial the
displayed number, press **MENU/SELECT**.
To clear the entry from the display, <u>press
and hold</u> ✆**OFF/CLEAR**.

🛈 *NOTE:* While reviewing the call log on a call,
storing the caller ID log number in the direc-
tory, changing dialing options or deleting is
not allowed. For more details about the call
log, refer to page 35.

Intercom

Use the intercom feature for conversations between handsets.

1. Press **INT**. The screen of the originating handset will show **INTERCOM TO:**.

2. Enter the handset number of the destination handset. The display will show **CALLING HANDSET X**. The destination handset will ring, and its screen will show **HANDSET X IS CALLING**.

INTERCOM TO:

🛈 *NOTES:*

• Before the intercom call is answered, you can cancel the intercom call by pressing **OFF/CLEAR** or **INT**.

• If the destination handset is not answered within 100 seconds or if it is in the directory or call log mode, or out of range, the originating handset will show the message **UNABLE TO CALL TRY AGAIN**.

3. On ringing the destination handset, press 📞**PHONE/FLASH**, **INT**, 🔊**SPEAKER**, or any dial pad key (0-9, * or #) to answer the intercom call.

🛈 *NOTE*: Pressing 📞**OFF/CLEAR** or **MUTE** will temporarily silence the intercom ringer.

To end the intercom call:

• Press 📞**OFF/CLEAR** or **INT** on either handset.

-OR-

• Place either handset in the charger or telephone base.

15

Intercom

Handling incoming calls

The telephone will beep if you receive an outside call during an intercom conversation. You can either:

- Press ☎**PHONE/FLASH** to end the intercom call and answer the incoming call.

  -OR-

- Press **INT** or ✎**OFF/CLEAR** to disconnect the intercom connection without answering the incoming call. The incoming call will continue to ring.

Intercom call transfer

Use the intercom feature to transfer an external call from one handset to another.

1. During a conversation with an external call, press **INT**. The external call is automatically placed on hold and **TRANSFER TO**: is displayed on the screen.

2. Enter the destination handset number (1, 2, 3 or 4). The originating handset's screen will show **CALLING HANDSET X**.

3. The destination handset will ring, and its screen will show **HANDSET X IS CALLING**.

TRANSFER TO:

🛈 *NOTES:*

• Before the intercom call is answered, you can cancel the transfer and return to the external call by pressing ⏏ **OFF/CLEAR**, ☎ **PHONE/FLAS**H, or **INT**.

• If the destination handset does not answer the intercom call within 100 seconds, or if the other handset is in the directory or call log mode, or out of range, the originating handset will show **UNABLE TO CALL TRY AGAIN** on its screen and will automatically return to the external call.

4. On the ringing destination handset, press ☎ **PHONE/FLASH**, **INT**, 🔊 **SPEAKER**, or any dial pad key (0-9, * or #) to answer the intercom call. You can now talk without the external caller hearing the conversation.

17

Intercom call transfer

🛈 *NOTES:*

- You can alternate between the intercom call and the outside call by pressing **INT** on the originating handset. The display will alternate between **INTERCOM** and **OUTSIDE** to indicate which party is active.

- You can end the intercom call and return to the external call by pressing ✆**PHONE/FLASH** on the originating handset.

- The person on the ringing destination handset can join the external call by pressing ✆**PHONE/FLASH,** connecting both handsets to the outside call.

5. Complete the transfer by pressing 🖉 **OFF/CLEAR** on the originating handset or placing that handset in the telephone base or handset charger. The originating handset's screen will show **CALL TRANSFERRED** and the other handset will automatically be connected to the external call.

Handset settings

Using the feature menu, you can change settings to customize how the telephone works.

To enter the settings menu:

1. Press **MENU/select** in idle mode to enter the feature menu.

2. Use the up or down NavKey, ⊙ or ⊙ to scroll to the feature to be changed. When scrolling through the menu, the top menu item is always highlighted with a **>** symbol.

3. Press **MENU/SELECT** to select the highlighted item.

After a setting has been saved or set, you will hear a confirmation tone and the display will return to the settings menu.

While in the settings menu, press *OFF/CLEAR* to return to a previous menu and press and hold *OFF/CLEAR* to return to idle mode.

To exit the settings menu:
• Press and hold *OFF/CLEAR*.

Handset settings

Ringer volume

>DIRECTORY
 CALL LOG

>RINGER VOLUME
 RINGER TONE

RINGER VOLUME
▮▮▮▮▮▮

Using this menu, you can set a ring volume level (1-6), or turn the ringer off (0). When the ringer is turned off, the 🔕 will appear on the handset screen.

To adjust the **RINGER VOLUME**:

1. Press **MENU/SELECT** in idle mode to enter the feature menu.

2. Use the up or down NavKey 🔘 or 🔘 to scroll to the **RINGER VOLUME** menu, press **MENU/SELECT** to enter the menu when it is highlighted with a **>** symbol.

3. Press the left or right NavKey 🔘 or 🔘 to sample each volume level.

4. Press **MENU/SELECT** to save your preference.

-OR-

When the handset is in idle mode, press the **VOLUME ▼▲** buttons on the right side of the handset to change ringer volume.

🛈 *NOTE:* The ringer volume level also determines the ringer levels of intercom calls (pages 15-16) and the paging tone when initiating the handset locator feature (page 9). If the handset ringer volume level is set to off (0), that handset is silenced for all incoming calls and paging.

Handset settings

Ringer tone

>DIRECTORY
 CALL LOG

This feature allows you to choose one of 10 ringer tones.

To choose a ringer tone:

>RINGER TONE
 KEY TONE

1. Press **MENU/SELECT** in idle mode to enter the feature menu.

2. Use the up or down NavKey ⊙ or ⊙ to scroll to the **RINGER TONE** menu, press **MENU/SELECT** to enter the menu when it is highlighted with a **>** symbol.

RINGER TONE
1

3. Use the up or down NavKey ⊙ or ⊙ to sample each ringer tone.

4. Press **MENU/SELECT** to save your preference.

Handset settings

Key tone

>DIRECTORY
 CALL LOG

The handset is factory programmed to beep with each key press. If you turn off the **KEY TONE**, there will be no beeps when keys are pressed.

To turn the **KEY TONE** on or off:

>KEY TONE
 LANGUAGE

1. Press **MENU/SELECT** in idle mode to enter the feature menu.

2. Use the up or down NavKey 🔘 or 🔘 to scroll to the **KEY TONE** menu, press **MENU/SELECT** to enter the menu when it is highlighted with a **>** symbol.

KEY TONE
ON

3. Use the up or down NavKey 🔘 or 🔘 to select **ON** or **OFF.**

4. Press **MENU/SELECT** to save the preference.

Handset settings

Language

In this menu, you can select the language used in all screen displays.

To select a language:

```
>DIRECTORY
 CALL LOG
```

1. Press **MENU/SELECT** in idle mode to enter the feature menu.

```
>LANGUAGE
 CLR VOICE MAIL
```

2. Use the up or down NavKey ⊙ or ⊙ to scroll to the **LANGUAGE** menu, press **MENU/SELECT** to enter the menu when it is highlighted with a **>** symbol.

```
LANGUAGE
ENGLISH
```

3. Press the up or down NavKey ⊙ or ⊙ to select **ENGLISH**, **FRANCAIS** or **ESPANOL.**

4. Press **MENU/SELECT** to save your preference.

Clear voice mail indication

If you subscribe to voice mail services provided by your local telephone company, the **VOICEMAIL** light on the telephone base will flash and **NEW VOICE MAIL** and the ✉ icon will appear on all handset screens when you have new voice mail.

To manually turn off the **NEW VOICE MAIL** message, the ✉ icon and **VOICEMAIL** light:

1. Press **MENU/SELECT** in idle mode to enter the feature menu.

23
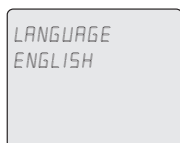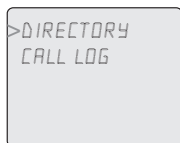
Handset settings

>DIRECTORY
 CALL LOG

2. Use the up or down NavKey ⊙ or
   ⊙ to scroll to the **CLR VOICE MAIL**
   menu, press **MENU/SELECT** to enter the
   menu when it is highlighted with a **>**
   symbol.

>CLR VOICE MAIL
 DIAL TYPE

3. Press **MENU/SELECT**.

4. Press **MENU/SELECT** again to remove
   the displayed message, or press
   ☎**OFF/CLEAR** to exit.

TURN INDICATOR
   OFF?

🛈 *NOTES:*

1. This only turns off the displayed **NEW VOICE MAI**L
   message, ✉ icon and **VOICEMAIL** light; it does
   not delete your voice mail message(s). Use this
   feature when the telephone indicates there is voice
   mail when there is none or you have accessed
   your voice mail from a different telephone line
   (while away from home). If there actually is a new
   voice mail message, your local telephone company
   will continue to send the message which turns the
   displayed **NEW VOICE MAIL** message, ✉ icon and
   the **VOICEMAIL** light back on.

2. Telephone company voice mail may alert you to
   new messages with stutter, (broken) dial tone.
   Contact your telephone company for more details.

24

Handset settings

Dial type

```
>DIRECTORY
 CALL LOG
```

Using this function, you can choose **TONE** or **PULSE** (rotary) dialing. The factory default setting is **TONE**. Change this to **PULSE** only if you do not have touch-tone dialing service.

```
>DIAL TYPE
 DIRECTORY
```

1. Press **MENU/SELECT** in idle mode to enter the feature menu.

2. Use the up or down NavKey 🔃 or 🔃 to scroll to the **DIAL TYPE** menu, press **MENU/SELECT** to enter the menu when it is highlighted with a **>** symbol.

```
 DIAL TYPE
 TONE
```

3. Press the up or down NavKey 🔃 or 🔃 to select **TONE** or **PULSE**.

4. Press **MENU/SELECT** to save your preference.

🛈 *NOTE:* If you have more than one handset registered, dial type change made on any one handset will apply to all.

Handset settings

Temporary ring silencing

Press ✎**OFF/CLEAR** or **MUTE/DELETE** while the telephone is ringing to silence the ringer temporarily. This will silence the ringer without disconnecting the call. The next incoming call will ring normally at the pre-set volume.

NOTE: If there is more than one handset in use, all handsets ring with an incoming call except those with the volume turned off. Press ✎**OFF/CLEAR** or **MUTE/DELETE** on one handset will only silence the ringer of that particular handset but the other handset(s) will continue to ring.

Directory

Shared directory

The directory is stored in the telephone base, and is shared by all handsets. Changes made to the directory at any one handset will be reflected in all.

NOTE: When one handset is offhook and another handset is in idle mode, both handsets can view caller ID log and directory at the same time.

Memory capacity

The directory can store up to 50 entries. Each entry can contain a number up to 32 digits, and a name up to 16 letters long. A convenient search feature can help you find and dial numbers quickly (page 30).

If all memory locations are in use, the screen will display **LIST FULL**. You will not be able to store a new number until an existing one is deleted.

Exiting the directory

Press **OFF/CLEAR** to cancel an operation, back up to the previous menu, or exit the menu display. Press and hold **OFF/CLEAR** to return to the idle mode.

If you pause for too long while creating an entry, the procedure will time out and you will have to begin again.

New directory entries

To create and store a new directory entry

>DIRECTORY
 CALL LOG

1. Press **MENU/SELECT** in idle mode to enter the feature menu.

2. Press **MENU/SELECT** again to enter the **DIRECTORY** when it is highlighted with a **>** symbol.

>REVIEW
 STORE

3. Press the up or down NavKey ⊚ to highlight **STORE.**

4. Press **MENU/SELECT**

>STORE
 REVIEW

5. Enter the telephone number when prompted.

   • Use the dial pad to enter up to 32 digits.

     – Press ⊚ or ⊚ to move the cursor to the left or right.

ENTER NUMBER
     555-1234_

     – Press **MUTE/DELETE** to erase numbers.

     – Press and hold **REDIAL/PAUSE** to enter a three-second dialing pause.
     -OR-

   • Copy a number from redial by pressing **REDIAL/PAUSE** then press ⊚ or ⊚ to locate the number to copy. Press **MENU/SELECT** to copy the number.

6. Press **MENU/SELECT** to save the number in the display. The display will show **ALREADY SAVED** if the number is already in the directory.

New directory entries

NOTE: Each line can hold 16 digits, so if you enter a number longer than 16 digits, the numbers will be displayed in the following line.

7. Enter the name when prompted.

ENTER NAME
Pat Williams_

• Use the dial pad to enter a name (up to 16 characters). Each time a key is pressed, the character on that key will be displayed. Additional key presses will produce other characters on that key. See the chart below.

– Press 🔾 or 🔾 to move the cursor to the left or right.

– Press **MUTE/DELETE** to erase letters.

Dial	Characters by number of key presses								
Key	1	2	3	4	5	6	7	8	9
1	1	#	'	,	-	.	&		
2	A	B	C	2	a	b	c		
3	D	E	F	3	d	e	f		
4	G	H	I	4	g	h	i		
5	J	K	L	5	j	k	l		
6	M	N	O	6	m	n	o		
7	P	Q	R	S	7	p	q	r	s
8	T	U	V	8	t	u	v		
9	W	X	Y	Z	9	w	x	y	z
0	0								
*	*	?	!	/	(	)	@		
#	space								

Pat Williams
555-1234

8. Press **MENU/SELECT** to store your new directory entry. The name and the telephone number will then be shown on the screen. To change it later, see page 33.

29

Directory search
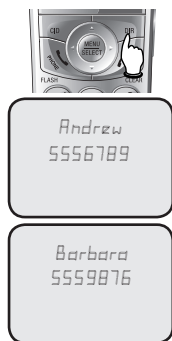
To browse through the directory

1. Press **DIR** in idle mode to display the first listing in the directory. **DIRECTORY EMPTY** will be displayed if there are no directory entries.

2. Press ⊙ or ⊙ to browse through the directory. Entries will be displayed alphabetically by the first letter in the name.

Andrew
5556789

Barbara
5559876

🛈 *NOTES:*

1. Press **OFF/ᴄʟᴇᴀʀ** at anytime to exit the directory.
2. You can also display the first listing in the directory by first pressing **MENU/sᴇʟᴇᴄᴛ**, press **ᴍᴇɴᴜ/SELECT** to choose **DIRECTORY**, then press **ᴍᴇɴᴜ/SELECT** again to choose **REVIEW**.

To search by name

1. Press **DIR** in idle mode to display the first listing in the directory. **DIRECTORY EMPTY** will be displayed if there are no directory entries.

2. When a name entry is displayed, press a dial pad keys (2-9) to start a quick name search.

   The directory will display the first name beginning with the first letter associated with the dial pad key, if there is an entry in the directory that begins with that letter.

Directory search

3. To see other names that start with the letters on the dial pad key, keep pressing the key. The names will be shown in alphabetical order.

For example, if you have name entries **Jennifer**, **Jessie**, **Kevin** and **Linda** in your directory:

• If you press **5 (JKL)** once, you will see **Jennifer**.
• If you press **5 (JKL)** twice, you will see **Jessie**.
• If you press **5 (JKL)** three times, you will see **Kevin**.
• If you press **5 (JKL)** four times, you will see **Linda**.
• If you press **5 (JKL)** five times, you will see **Jennifer** again.

NOTES:

1. If there is no name entry matching the first letter of the key you press, you will see a name entry that matches the second letter of the key.
2. If you press a key (2-9) and there is no name entry to match those letters, the directory will show the entry that matches the next available letter in the directory.

To dial, delete or change entries

To dial, delete or change a directory entry (name and number), the entry must be displayed on the handset. Use directory search (pages 30-31) to display an entry.

To dial a displayed number

When a directory entry is displayed, press **℄PHONE/FLASH** or **◄◎SPEAKER** to dial the displayed number.

To delete an entry

When a directory entry is displayed, press **MUTE/DELETE** to delete the displayed entry from the directory. Once deleted, an entry cannot be retrieved.

To dial, delete or change entries

To change an entry

When a directory entry is displayed:

DIRECTORY
Andrew
5556789

1. Press **MENU/SELECT** to modify the entry. You will be prompted to **EDIT NUMBER**.

   DIRECTORY
   EDIT NUMBER
   555-6789▊

   • Press the dial pad keys to add digits.

   • Press **MUTE/DELETE** to erase digits.

   • Press ⌾ or ⌾ to move the cursor.

   DIRECTORY
   EDIT NAME
   Andy▊

   • Press and hold **REDIAL/PAUSE** to add a three-second pause if desired.

   • Press **REDIAL/PAUSE**, then ⌾ or ⌾ to scroll to a previously dialed number. Press **MENU/SELECT** to add the redial number to the entry.

   DIRECTORY
   Andy
   5551234

2. Press **MENU/SELECT**. You will be prompted to **EDIT NAME.**
   • Press the dial pad keys to add characters (page 29).
   • Press **MUTE/DELETE** to erase characters.
   • Press ⌾ or ⌾ to move the cursor.

3. Press **MENU/SELECT** to confirm.

Caller ID

Information about caller ID with call waiting

This product has a caller ID with call waiting feature that works with service from your local telephone service provider.

Caller ID with call waiting lets you see who is calling before answering the phone, even when you're on another call.

You may need to change your telephone service to use this feature. Contact your telephone 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, or 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.

Depending on your service, you may see the caller's number, or the caller's name and number. 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. The time and date are sent by the service provider along with the call information.

34

Caller ID

Shared caller ID log

The caller ID log is stored in the telephone base, and is shared by all handsets. Changes made at any one handset will be reflected in all.

🛈 *NOTE:* When one handset is offhook and another handset is in idle mode, both handsets can view caller ID log and directory at the same time.

Caller's name

Caller's number

CHRISTINE SMITH
908-555-0100
NEW
10:01 AM 11/23

Appears when the call is missed and un-reviewed.

Date of call

Time of call
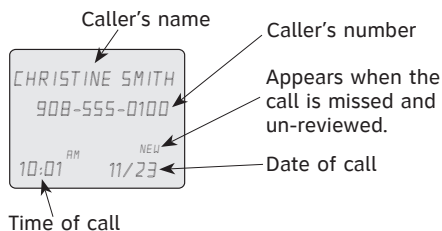
How caller ID works

If you subscribe to caller ID service provided by your local telephone company, information about each caller will be displayed between the first and second ring. Information about the last 50 incoming calls is stored in the call log. You can review the call log to find out who has called, easily return the call, or copy the caller's name and number into your directory.

35

Caller ID

When the call log is full, the oldest entry is deleted to make room for new incoming call information.

If you answer a call before the information appears on the screen, it will not be saved in the call log.
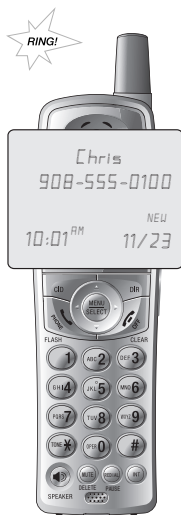
🅘 *NOTE*: Caller ID features will work only if both you and the caller are in areas offering caller ID service, and if both telephone companies use compatible equipment.

Memory match

Names of callers will be displayed only if the information is provided by your local telephone company.

If the incoming telephone number exactly matches a telephone number in your directory, the name that appears on the screen will match the corresponding name as you entered it into your directory.

For example, if **Christine Smith** calls, her name will appear as **Chris** if this is how you entered it into your directory.

🅘 *NOTE:* The number shown by your caller ID will be in the format sent by the phone company. The phone company usually delivers ten-digit phone numbers (area code plus phone number). If the telephone number of the person calling does not exactly match a number in your directory, the name will appear as delivered by the phone company. For example if the phone company includes the area code and the directory number does not, the name will appear as delivered by the phone company.

36

Caller ID

Missed calls

When a handset is in idle mode and has calls that have not been reviewed, its screen will show **XX MISSED CALLS**.

Any entries which have not been reviewed will be counted as **MISSED CALLS** when the phone is idle. Each time a call log entry marked **NEW** is reviewed, the number of missed calls decreases by one.

If you have too many missed calls and you don't want to review them one by one, but you still want to keep them in the call log, you can press and hold ℓ**OFF/CLEAR** for four seconds when the handset is idle. All the entries in the caller ID log will be considered old (have been reviewed), and the missed calls counter is reset to 0.

```
HANDSET 1
6 MISSED CALLS
```

```
HANDSET 1
6 MISSED CALLS
```

```
Pat Williams
555-1234

10:31 AM      11/23
              NEW
```

```
Chris Thompson
908-555-0100

10:21 AM      11/23
              NEW
```

```
Jeffrey Adams
555-9876

10:11 AM      11/23
              NEW
```

To review the call log

To review the call log

Press **CID** to review the call log. The call log displays the caller ID entries in reverse chronological order. The most recent call is displayed first. Press ⊙ or ⊙ to scroll through the list as shown at left.

To return a call

Press **✆PHONE/FLASH** or **◀SPEAKER** to call the number as displayed.

Caller ID numbers may appear with an area code that may not be required for local calls, or without a **1** that may be needed for long distance calls. If the number displayed is not in the correct format, you can change how it is dialed.

To change the number before calling, press # repeatedly to see different dialing options (you can choose to dial with or without an area code, and with or without the **1**), then press **✆PHONE/FLASH** or **◀SPEAKER** to place the call.

The various dialing options are:

```
     880-8808
   1-880-8808
 808-880-8808
1-808-880-8808
```

38

To review the call log

Other options

- Press **MUTE/DELETE** to delete the displayed entry from the call log.

- <u>Press and hold</u> **MUTE/DELETE** to delete all entries from the call log. When asked to confirm, press **MENU/SELECT** to clear the call log of all entries, or press **OFF/CLEAR** to exit and leave all call log entries intact.

- Press **MENU/SELECT** to copy this entry into your directory. If the name or number is not provided, you will be prompted to enter them (page 29).

🛈

NOTE: If both the name and number are not provided, **UNABLE TO SAVE** will be displayed.

Screen icons, indicator lights & tones

Screen icons & alert tones

Screen icons

HANDSET 1
25 MISSED CALLS
◄)) ✉ ☒ MUTE NEW
🔋 10:21ᴬᴹ 11/23

◄))	Speakerphone is in use.
✉	New voice mail messages are received.
☒	Ringer off.
MUTE	Microphone is muted.
NEW	Missed and un-reviewed calls.
🔋	Battery charging (animated display).
🔋	Low battery (flashing); place handset in telephone base or charger to recharge.

Handset alert tones

Two short beeps	When you attempt to change the volume when it is already at its highest or lowest setting.
Four short beeps	Low battery warning.
Two beeps	Out of range during off-hook.
Confirmation tone	Command completed successfully.

Telephone base tones

One beep every 10 seconds	Message alert
A series of beeps	When you attempt to change the volume when it is already at its highest or lowest setting.

CHARGE
On when handset is charging in the telephone base or charger.

◄) SPEAKER
On when speakerphone is in use.

40

Handset display screen messages

Screen display messages

PHONE	The handset is in use.
ENDED	You have just ended a call.
CALL LOG EMPTY	You are accessing an empty call log.
DIRECTORY EMPTY	You are accessing an empty directory.
LIST FULL	You are saving to a full directory.
MUTED	The call is on mute.
SPEAKER	The handset speakerphone is in use.
LOW BATTERY	The battery needs to be recharged.
INCOMING CALL	There is a call coming in.
NEW VOICE MAIL	There are new voice mail messages.
XX MISSED CALLS	There are new calls in the caller ID log.
CONNECTING ...	The handset has lost communication with the telephone base.
** PAGING **	The telephone base is paging handset(s).
HANDSET X IS CALLING	Another handset is calling.
LINE IN USE	An extension phone is in use.
NO LINE	There is no telephone line connected.
ALREADY SAVED	The telephone number you have entered is already stored in the directory.
SAVED	The call log entry is saved to the directory successfully.
PLACE IN CHARGER	The battery is very low. The handset should be placed in the telephone base or charger.

Handset display screen messages

Screen display messages

CHARGING	A handset with a low battery has been placed in the telephone base or charger.
UNABLE TO CALL TRY AGAIN	Failed intercom or conference call (there are already two handsets being used).
NOT AVAILABLE AT THIS TIME	Someone else is already using the directory or call log when you try to do so.
MICROPHONE ON	The call switches from being on mute to normal call.
INTERCOM TO:	The handset is to initiate an intercom call to another handset. (You have to press the handset number of the destination handset.)
INTERCOM ENDED	The intercom call has just been ended by you or the receiver of the call.
CALLING HANDSET X	The handset is calling another handset (for intercom calls).
TRANSFER TO:	The handset is to transfer a put-on-hold external call to another handset.
NO SIGNAL, CALL ENDED	The handset is out of range while on a call.
WARNING CHECK BATTERY!	The battery is not installed or not installed properly in the handset. **-OR-** The battery needs to be replaced. **-OR-** An incorrect battery has been installed by mistake. Use only the supplied rechargeable battery or replacement battery (model 27910, part number 89-0099-00-00)

Troubleshooting

If you have difficulty with your phone, please try the suggestions below. For Customer Service, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111.** In Canada dial **1 (866) 288-4268.**

My phone doesn't work at all

- Make sure the power cord is securely plugged in.
- Make sure that the battery pack connector is securely plugged into the cordless handset.
- Make sure the telephone line cord is securely and firmly plugged into the telephone base and the telephone wall jack.
- Charge the battery pack in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to its telephone base when not in use.
- Reset the telephone base. Unplug the unit's electrical power. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.
- You may need to purchase a new battery pack, please refer to page 3 of this user's manual.

I cannot get a dial tone

- First try all the suggestions above.
- Move the cordless handset closer to the telephone base. You might have moved out of range.
- Your line cord might be malfunctioning. Try installing a new line cord.
- If the previous suggestions don't work, disconnect the telephone base from the telephone jack and connect to a different phone. If there is no dial tone on that phone either, the problem is in your wiring or local service. Contact your local telephone company.

Troubleshooting

I cannot dial out

- First try all the suggestions above.

- Make sure you have a dial tone before dialing. The cordless handset may take a second or two to find the telephone base and produce a dial tone. This is normal. Wait an extra second before dialing.

- Make sure your phone is set to the correct dial mode for the type of service that you have (pulse or touch tone).

- If the other phones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply).

- Eliminate any background noise. Noise from a television, radio or other appliances may cause the phone to not dial out properly. If you cannot eliminate the background noise, first try muting the cordless handset before dialing, or dialing from another room in your home with less background noise.

My cordless handset isn't performing normally

- Make sure the power cord is securely plugged into the telephone base. Plug the unit into a different, working electrical outlet not controlled by a wall switch.

- Move the cordless handset closer to the telephone base. You might have moved out of range.

- Reset the telephone base. Unplug the unit's electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.

- Other electronic products can cause interference to your cordless phone. Try installing your phone as far away from these types of electronic devices as possible: wireless routers, radios, radio towers, pager towers, cell phones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless phones.

Troubleshooting

CONNECTING...
displays on my
cordless handset

- Ensure that the telephone base is powered up.

- Place the cordless handset in telephone base for one minute to allow the cordless handset and telephone base to resynchronize channels.

- Move the cordless handset closer to the telephone base. You might have moved out of range.

- If the cordless handset is in its telephone base and the charging light does not come on, refer to **The charge light is off** in this troubleshooting guide.

- Reset the telephone base. Unplug the unit's electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.

- Other electronic products can cause interference with your cordless phone. Try installing your phone as far away from these types of electronic devices as possible: wireless routers, radios, radio towers, page towers, cell phones, intercoms, room monitors, televisions, personal computers, kitchen appliances and cordless phones.

The batteries will
not hold a charge

- Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to its telephone base when not in use.

- You may need to purchase a new battery, please refer to the **Battery section** of this user's manual.

- Your phone might be malfunctioning. Please refer to the **Limited warranty** section of this user's manual for further instruction.

- If the cordless handset is in its telephone base and the charging light does not come on, refer to **The charge light is off** in this troubleshooting guide.

Troubleshooting

I get noise, static, or weak signal even when I'm near the telephone base

- Other cordless phones and 802.11 wireless routers that are used for home computer networks both use internal radios to communicate. The radios may interfere with one another. You can improve the performance of your cordless phones and your router by:

  a. Positioning your new phone as far away as possible from any other existing cordless telephone system that is already installed in your home to avoid the two systems from interfering with each other.

  b. Positioning your telephone base as far as possible from your router, computer or any other computer devices.

  c. Selecting channels 4 through 10 for your router (refer to your router's user's manual for more information).

- Other electronic products can cause interference to your cordless phone. Try installing your phone as far away from the following electronic devices as possible: wireless routers, radios, radio towers, pager towers, cell phones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless phones.

- Microwaves operate on the same frequency as your phone. It is normal to experience static on your phone while the microwave oven is operating. Do not install this phone in the same outlet or near a microwave oven.

- If your phone is plugged in with a modem or a surge protector, plug the phone (or modem/surge protector) into a different location. If this solves the problem, re-locate your phone or modem farther apart from one another, or use a different surge protector.

- Relocate your phone to a higher location. The phone will likely have better reception when not installed in a low area.

- If the other phones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply).

Troubleshooting

	• If you subscribe to DSL service and if you hear noise during conversations and/or your caller ID features are not functioning properly, install a DSL filter to the telephone line between the telephone base and the telephone line jack. Contact your DSL provider to obtain a DSL filter.
I hear other calls while using my phone	• Disconnect the telephone base from the telephone jack, and plug in a different telephone. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone company.
I hear noise in the cordless handset, and none of the keys or buttons work	• Make sure the power cord is plugged in securely.
My cordless handset does not ring when I receive a call	• Make sure that the ringer is not turned off. • Make sure the telephone line cord is plugged securely into the telephone base and the telephone jack. Make sure the power cord is securely plugged in. • The cordless handset may be too far from the telephone base. • Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to its telephone base when not in use. • You may have too many extension phones on your telephone line to allow all of them to ring simultaneously. Try unplugging some of the other phones. • The layout of your home or office might be limiting the operating range. Try moving the telephone base to another location, preferably on an upper floor. • If the other phones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply).

Troubleshooting

- Test a working phone at the phone jack. If another phone has the same problem, the problem is the phone jack. Contact your local telephone company (charges may apply).

- Other electronic products can cause interference with your cordless phone. Try installing your phone as far away as possible from electronic devices like wireless routers, radios, radio towers, pager towers, cell phones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless phones.

- Your line cord might be malfunctioning. Try installing a new line cord.

- Re-install the battery pack, and place cordless handset in telephone base.

- Wait for the cordless handset to re-establish its connection with the telephone base. Allow up to one minute for this to take place.

My calls fade out or cut in and out while I'm using my cordless handset

- Other electronic products can cause interference with your cordless phone. Try installing your phone as far away from the following electronic devices as possible: wireless routers, radios, radio towers, pager towers, cell phones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless phones.

- Microwaves operate on the same frequency as your phone. It is normal to experience static on your phone while the microwave oven is operating. Do not install this phone in the same outlet or near the microwave oven.

- If your phone is plugged in with a modem or surge protector, plug the phone (or modem/surge protector) into a different location. If this solves the problem, re-locate your phone or modem farther apart from one another, or use a different surge protector.

Troubleshooting

	• Relocate your telephone base to a higher location. The phone will have better reception when not installed in a low area.
	• If the other phones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply).
The charge light is off	• Clean the cordless handset and telephone base charging contacts each month using a pencil eraser or cloth.
	• Make sure the power and line cords are plugged in correctly and securely.
	• Unplug the unit's electrical power. Wait for 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.
	• Your phone might be malfunctioning. Please refer to the **Limited warranty** section of this user's manual for further instruction.
My caller ID isn't working	• Caller ID is a subscription service. You must subscribe to this service from your local telephone company for this feature to work on your phone.
	• Your caller must be calling from an area that supports caller ID.
	• Both you and your caller's telephone companies must use caller ID compatible equipment.
System does not receive caller ID or system does not display caller ID during call waiting	• Make sure you subscribe to caller ID with call waiting features services provided by your local telephone company. Caller ID features will work only if both you and the caller are in areas offering caller ID service, and if both telephone companies use compatible equipment.

Troubleshooting

Common cure for electronic equipment

If the unit does not seem to be responding normally, try putting the cordless handset in its telephone base. If it does not seem to respond, do the following (in the order listed):

1. Disconnect the power to the telephone base.

2. Disconnect the cordless handset battery, and spare battery, if applicable.

3. Wait a few minutes.

4. Connect power to the telephone base.

5. Re-install the battery pack, and place the cordless handset into the telephone base.

6. Wait for the cordless handset to re-establish its connection with the telephone base. Allow up to one minute for this to take place.

Important safety instructions

⚠️ 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.

Safety information

- **Read and understand all instructions in the user's manual. Observe all markings on the product.**

- **Avoid using a telephone during a thunderstorm.** There may be a slight chance of electric shock from lightning.

- **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 telephone base is also away from the area.

- **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.

- **Install this product in a protected location** where no one can trip over any line or power cords. Protect cords from damage or abrasion.

- **If this product does not operate normally, read the Troubleshooting section 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.

Important safety instructions

- **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.

- **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.

- **The power unit is intended to be correctly oriented in a vertical or floor mount position.** The prongs are not designed to hold the plug in place if it is plugged into a ceiling or an under-the-table/cabinet outlet**.**

⚠ **CAUTION:** Use only the power adapter provided with this product. To obtain a replacement, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111.** In Canada dial **1 (866) 288-4268.**

Especially about cordless telephones

- **Privacy:** The same features that make a cordless phone convenient create some limitations. Telephone calls are transmitted between the telephone 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.**

- **Electrical power:** The telephone base 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 telephone base is unplugged or switched off, or if the electrical power is interrupted.**

Important safety instructions

- **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 telephone base 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.

- **Rechargeable batteries:** This product contains either nickel-cadmium or nickel-metal hydride rechargeable batteries. Exercise care in handling batteries in order not to short the battery with conducting material such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the battery charger.

- **Nickel-cadmium rechargeable batteries:** Must be recycled or disposed of properly. Do not dispose of in household garbage. Do not burn or puncture. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.

- **Nickel-metal hydride rechargeable batteries:** Dispose of these batteries in a safe manner. Do not burn or puncture. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.

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) 8 BATTERY for locations accepting spent nickel-cadmium Batteries.

The RBRC™ Seal means that the manufacturer is voluntarily participating in an industry program to collect and recycle Nickel-metal 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) 8 BATTERY for locations accepting spent nickel-metal Batteries.

Important safety instructions

Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to 900 MHz digital cordless telephones):

Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless telephones and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR had recommended to physicians that:

Pacemaker patients

• Should keep wireless phones at least six inches from the pacemaker.

• Should NOT place wireless phones directly over the pacemaker, such as in a breast pocket, when it is turned ON.

• Should use the wireless phone at the ear opposite the pacemaker.

WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons using wireless phones.

Especially about telephones 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 the other party that you are recording the call.

SAVE THESE INSTRUCTIONS

FCC Part 68 and ACTA

This equipment complies with Part 68 of the FCC rules and with technical requirements adopted by the Administrative Council for Terminal Attachments (ACTA). The label on the back or bottom of this equipment contains, among other things, a product identifier in the format US: AAAEQ##TXXXX. This identifier must be provided to your local telephone company upon request.

The plug and jack used to connect this equipment to premises wiring and the telephone network must comply with applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See Installation Instructions in the user's manual.

The Ringer Equivalence Number (REN) is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. The REN for this product is encoded as the 6th and 7th characters following the US: in the product identifier (e.g., if ## is 03, the REN is 0.3). In most, but not all areas, the sum of all RENs should be five (5.0) or less. For more information, please contact your local telephone company.

This equipment may not be used with party lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

If this equipment is malfunctioning, it must 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. For repair procedures, follow the instructions outlined under the limited warranty.

FCC Part 68 and ACTA

If this equipment is causing harm to the telephone network, the telephone company may temporarily discontinue your telephone service. The telephone company is required to 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 the telephone company is required to inform you 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. The telephone company is required to notify you if such changes are planned.

If this product is equipped with a corded or cordless handset, it is hearing aid compatible.

If this product has memory dialing locations, you may choose to store emergency telephone numbers (e.g., police, fire, medical) in these locations. If you do store or test emergency numbers, please:

• Remain on the line and briefly explain the reason for the call before hanging up.

• Perform such activities in off-peak hours, such as early morning or late evening.

FCC Part 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more. If you choose to use a clipping device, please make sure to only use the supplied AT&T belt clip.

Limited warranty

The AT&T brand is used under license - any repair, replacement or warranty service, and all questions about this product should be directed to: In the United States of America visit our website at **www.telephones.att.com** or call **1 (800) 222-3111.** In Canada dial **1 (866) 288-4268.**

1. What does this limited warranty cover?

The manufacturer of this AT&T-branded product warrants to the holder of a valid proof of purchase ("CONSUMER" or "you") that the product and all accessories provided in the sales package ("PRODUCT") are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the PRODUCT operating instructions. This limited warranty extends only to the CONSUMER for products purchased and used in the United States of America and Canada.

2. What will be done if the PRODUCT is not free from defects in materials and workmanship during the limited warranty period ("materially defective PRODUCT")?

During the limited warranty period, the manufacturer's authorized service representative will repair or replace at the manufacturer's option, without charge, a materially defective PRODUCT. If the manufacturer repairs the PRODUCT, they may use new or refurbished replacement parts. If the manufacturer chooses to replace the PRODUCT, they may replace it with a new or refurbished PRODUCT of the same or similar design. The manufacturer will retain defective parts, modules, or equipment. Repair or replacement of the PRODUCT, at the manufacturer's option, is your exclusive remedy. The manufacturer will return repaired or replacement products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

Limited warranty

3. How long is the limited warranty period?

The limited warranty period for the PRODUCT extends for ONE (1) YEAR from the date of purchase. If the manufacturer repairs or replaces a materially defective PRODUCT under the terms of this limited warranty, this limited warranty also applies to repaired or replacement PRODUCT for a period of either (a) 90 days from the date the repaired or replacement PRODUCT is shipped to you or (b) the time remaining on the original one-year limited warranty; whichever is longer.

4. What is not covered by this limited warranty?

This limited warranty does not cover:

- PRODUCT that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water, or other liquid intrusion; or

- PRODUCT that has been damaged due to repair, alteration, or modification by anyone other than an authorized service representative of the manufacturer; or

- PRODUCT to the extent that the problem experienced is caused by signal conditions, network reliability or cable or antenna systems; or

- PRODUCT to the extent that the problem is caused by use with non-AT&T accessories; or

- PRODUCT whose warranty/quality stickers, PRODUCT serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or

- PRODUCT purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to products used for rental purposes); or

Limited warranty

- PRODUCT returned without valid proof of purchase (see item 6 below); or

- Charges for installation or setup, adjustment of customer controls, and installation or repair of systems outside the unit.

5. How do you get warranty service?

To obtain warranty service in the United States of America, visit our website at **www.telephones.att.com** or call **1 (800) 222-3111.** In Canada dial **1 (866) 288-4268.**

NOTE: Before calling for service, please review the user's manual - a check of the PRODUCT controls and features may save you a service call.

Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the PRODUCT(s) to the service location. The manufacturer will return repaired or replaced PRODUCT under this limited warranty to you, transportation, delivery or handling charges prepaid. The manufacturer assumes no risk for damage or loss of the PRODUCT in transit. If the PRODUCT failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, the manufacturer will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of products that are not covered by this limited warranty.

Limited warranty

6. What must you return with the PRODUCT to get warranty service?

You must:

a. Return the entire original package and contents including the PRODUCT to the service location along with a description of the malfunction or difficulty; and

b. Include "valid proof of purchase" (sales receipt) identifying the PRODUCT purchased (PRODUCT model) and the date of purchase or receipt; and

c. Provide your name, complete and correct mailing address, and telephone number.

7. Other limitations

This warranty is the complete and exclusive agreement between you and the manufacturer of this AT&T branded PRODUCT. It supersedes all other written or oral communications related to this PRODUCT. The manufacturer provides no other warranties for this PRODUCT. The warranty exclusively describes all of the manufacturer's responsibilities regarding the PRODUCT. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State/Provincial Law Rights: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

Limited warranty

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. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event shall the manufacturer be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the PRODUCT or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this PRODUCT. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your receipt as your proof of purchase.

Technical specifications

RF frequency band (handset to telephone	2400 MHz — 2483.5 MHz
RF frequency band (telephone base to handset)	5725 MHz — 5850 MHz
Channels	95
Operating temperature	32°F — 122°F 0°C — 50°C
Telephone base voltage (AC voltage, 60Hz)	96 — 130 Vrms
Handset voltage	3.2 — 4.7 VDC 600mAh
Charger voltage (AC adapter output)	9VDC @200mA
Replacement battery	3.6V 600mAh

5.8 GHz digital spread spectrum frequency hopping technology

This technology digitally transmits your voice across multiple channels in both the 5.8GHz and 2.4GHz frequencies to provide enhanced range, ultimate sound clarity and advanced privacy against eavesdropping on your calls, while not interfering with wireless routers.

Telephone 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.

Index

Index

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