





Basic operation




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 it. 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 15).
2. During a page, if you press  **OFF/CLEAR** or **MUTE** on a handset (see page 15), the ringer of that handset will be silenced. But the page will not be cancelled.



NOTE: The normal handset use, hands-free speakerphone and headset listening volume are separate functions.



Options while on calls

Volume control

While on a call, press the **▼CID** button **OR** **DIR ▲** button on the cordless handset to decrease or increase the handset listening volume (four levels in total).

Call waiting

If you subscribe to call waiting service with your local telephone company, there will be a beep if there is an incoming call while already on a call. Press **PHONE/FLASH** to put the current call on hold and take the new call. Press **PHONE/FLASH** anytime to alter between calls.

Mute

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



Temporary tone dialing

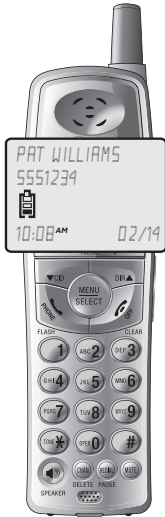
If dial pulse (rotary) is selected, you can switch to touch tone dialing during a call by pressing *** * ***. This can be useful if it is necessary to send tone signals for access to answering systems or long-distance services.

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

Channel selection

During a call, if you hear clicks and pops, or if the speech sometimes fades, press **CHAN** on the handset to scan for a clearer radio channel between cordless handset and base.

Directory



Memory capacity

Each cordless handset has its own directory. Each directory can store up to 30 entries (including nine speed dial locations). Each entry can contain a number up to 24 digits, and a name up to 15 letters long. A convenient search feature can help you find and dial numbers quickly (see page 22).



NOTES: Each cordless handset has its own directory. Making changes to the directory of one handset will not effect the directories of the other handsets.

Timeouts and error messages

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

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



NOTE: The speed dial feature occupies up to nine of the thirty memory locations in the directory. For example, if there are only five speed dial entries, then up to 25 entries can be stored in the directory. If there are already 30 entries in the directory, no new directory and speed dial entries can be stored in memory until some of the existing ones are deleted.

Speed dial

You can enter nine speed dial numbers of up to 24 digits. Each number is stored in a one-digit speed dial location (1-9).

The nine speed dial numbers on the cordless handset will be automatically added to the handset directory.

You can easily dial these phone numbers by pressing and holding a dialpad key and then pressing **PHONE/FLASH** or **SPEAKER**. You can also make existing directory entries into speed dial entries.

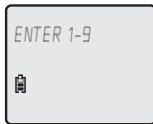
1. MENU/SELECT



2. DIR ▲



3. MENU/SELECT



(See pages 20-21).



NOTE: You can convert any directory entry into a speed dial entry (see page 23).

To enter a speed dial number

1. Press **MENU/SELECT**.
2. Press **DIR ▲** to display *SPEED DIAL*.
3. Press **MENU/SELECT**.
4. Press dial pad to choose speed dial location (1-9).
5. Enter a name up to 15 characters (see page 19), then press **MENU/SELECT**.
6. Enter a telephone number up to 24 digits (see page 20), then press **MENU/SELECT**.
7. Choose distinctive ringing (yes or no) by pressing **▼CID** or **DIR ▲**. If you choose Yes (and if you have caller ID service), a different ringing style will alert you when this person calls.
8. Press **MENU/SELECT** to store the number. You will hear a confirmation tone.

To call a speed dial number

To use speed dialing, press and hold a dial pad button (1-9) to display the number and name stored in that speed-dial location, then press **PHONE/FLASH** or **SPEAKER** to dial.

To edit or delete a speed dial number

Press and hold a dial pad button (1-9) to display the entry you want. Press **MENU/SELECT**, then press **▼CID** or **DIR ▲** until the option you want is displayed (see page 23).



NOTE: If all memory locations are in use, an error tone will sound when you attempt to enter a number. This means the memory is full, and you will not be able to store a new number until you delete an existing one.

1. MENU/SELECT



2. MENU/SELECT



3.



New directory entries

To enter a name

- Press **MENU/SELECT** twice.
- The screen will show **ENTER NAME**.
- Enter the name (up to 15 alphanumeric characters) of the person using the table below.
- Use **DIR ▲** to advance to the next space to the right, or use **▼ CID** to delete a mistake.
- When finished entering the name, press **MENU/SELECT**.

Each press of a particular key causes characters to be displayed in the following order:

Dial Key	Characters by number of key presses					
	1	2	3	4	5	6
1	1					
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					
*	*					
#	&	'	,	-	.	#

Options while entering names:

- Press the **DIR ▲** button to move the cursor to the right. Press **DIR ▲** twice to enter a space.
- Press **▼ CID** to erase letters if you make a mistake.
- Press **#** repeatedly to enter an ampersand (&), apostrophe ('), comma (,) hyphen (-), period (.), or pound sign (#).

When finished, press **MENU/SELECT**.

New directory entries

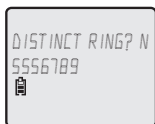
4. MENU/SELECT



5.



6. MENU/SELECT



7. MENU/SELECT

To enter a number

Use the dial pad to enter up to 24 digits. When the number is complete, press **MENU/SELECT**.

Options while entering numbers:

- Press **▼CID** to erase digits if you make a mistake.
- Press **REDIAL/PAUSE** to enter a four-second dialing pause. The **P** will be inserted.
- When finished entering the telephone number, press **MENU/SELECT** to confirm.

To assign a distinctive ring

Press **▼CID** or **DIR ▲** to select Y (yes) or N (no). If you choose yes (and if you have caller ID service), a different ringing style will alert you when this person calls.

Press **MENU/SELECT** to choose the option displayed (Y or N) and store this entry in the directory.

A **D** appears in the display of each entry that has been assigned a distinctive ring.

Directory search

1. DIR ▲



2. DIR ▲



To display first entry

DIR ▲




To scroll name by name

-OR-

5




To search alphabetically

Follow the steps on the left to browse through the directory or search to find a specific entry. You can press  **OFF/CLEAR** anytime to exit the directory.

To browse through the directory

To browse, press **DIR ▲** then press **▼ CID** or **DIR ▲** to scroll through all entries one by one.

A  appears in the display of each entry that has been assigned a distinctive ring (see page 21).



NOTE: When reviewing the directory entries, all entries (including those in the directory and in the speed dial) are displayed in alphabetical order. The entries in the speed dial are identified by its speed dial number (01-09) in the lower right corner of the screen.

To search alphabetically

To shorten your search, press **DIR ▲** then use the telephone dial pad to enter the first letter of a name, then press **DIR ▲** to scroll forward until you find the desired name.

Press dial pad buttons once for the first letter, twice for the second, three times for the third, as shown on page 20.

If you have more than one name entry that begin with the same letter, it is necessary to scroll through all the names beginning with that letter before seeing names that begin with the next letter.

For example, if you have name entries “**Jennifer**”, “**Jessie**”, “**Kevin**” and “**Linda**” in your directory, pressing the dial pad key **5 (JKL)** once will show “**Jennifer**”, twice “**Jessie**”, three times “**Kevin**” and four times “**Linda**”.

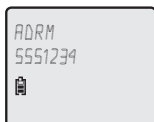
To change or dial entries

When any entry is displayed, press **MENU/SELECT** to see options. Press **▼CID** or **DIR ▲** to highlight the option you want (blinking text), then press **MENU/SELECT** again to select it.

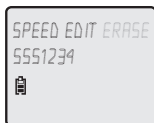
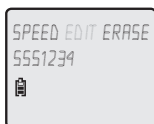
1. **DIR ▲**



2. **DIR ▲**



3. **MENU/SELECT**



Press **MENU/SELECT** to choose blinking option

To edit an entry

When *EDIT* is blinking, press **MENU/SELECT**. You can change the name and number (or distinctive ring setting on the cordless handset) by following the steps described on pages 19-20.

To delete an entry

Press **DIR ▲** until *ERASE* is blinking, then press **MENU/SELECT** to display a confirmation screen (*ERASE NO YES*).

To delete the entry, press **DIR ▲** to highlight YES, then press **MENU/SELECT**.

To cancel the procedure and leave the entry intact, press **▼CID** to highlight NO, then press **MENU/SELECT**.



NOTE: Each cordless handset has its own directory. Making changes to the directory of one handset will not effect the directories of the other handsets.

To make an entry into a speed dial entry

Press **DIR ▲** until *SPEED* is blinking, press **MENU/SELECT**, then dial a memory location (1-9) to transfer this entry to your speed dial directory.



NOTE: If you use a memory location that is already assigned to a different entry in the directory, that entry will remain in the directory, but will no longer be a speed dial number.

To dial a displayed number

When any directory entry is displayed, press **PHONE/FLASH** (or **▶SPEAKER**) to dial the displayed number.

Caller ID log



Information about caller ID with call waiting

This product has a caller ID function with call waiting feature which works with service from your local telephone company.

Caller ID with call waiting lets you see the name and telephone number of the caller before answering the telephone, even when on another call.

It may be necessary to change your telephone service to use this feature. Contact your telephone company 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 do not have any caller ID or call waiting services.

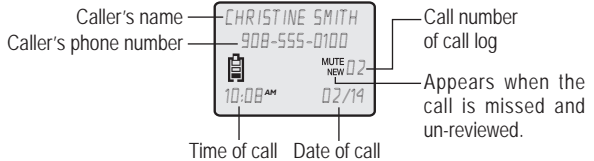
This product can be used with regular caller ID service, or this product's other features can be used without subscribing to either caller ID or combined caller ID with call waiting service. There are fees for caller ID services, and they may not be available in all areas.

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 telephone company along with the call information.

Caller ID log

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, return the call, or copy the caller's name and number into directory.

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.

About names

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

If the incoming telephone number matches an exact number in your directory, the name that appears on screen will match the name in your directory.

(Example: If Christine Smith calls, her name will appear as Chris if this is how you entered it into your directory.)

i NOTE: The number shown by your caller ID will be in the format sent by the phone company. The phone company usually delivers 10-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.



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.

Caller ID log

There are also occasions when other information or no information is displayed for various reasons:

On-screen message	Reason
<i>PRIVATE NAME</i>	Caller prefers to remain anonymous
<i>PRIVATE CALLER</i>	Caller name and telephone number not revealed at caller's request.
<i>UNKNOWN NAME</i>	Your local telephone company is unable to determine the caller's name.
<i>UNKNOWN CALLER</i>	Your local telephone company is unable to determine the caller's name and telephone number. Calls from other countries may also generate this message.



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 telephone is idle. Each time a call log entry marked **NEW** is reviewed, the number of missed calls decreases by one.

If there are too many missed calls and you don't want to review them one by one, but still want to keep them in the call log, press and hold **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.



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

1. ▼CID



2. DIR ▲



3. PHONE/FLASH



To dial this number



NOTE: Consecutive incoming calls originating from the same telephone number are identified by an asterisk at the top right corner of the screen and will be counted as one call in the caller ID log.

1. ▼CID



2. PHONE/FLASH



-OR-

1. ▼CID



2. #



3. PHONE/FLASH



Caller ID operation

To review the call log

The call log review displays the caller ID in reverse chronological order, with the latest one (the one with the highest number) first.

When the phone is not in use, press ▼CID to display information about the most recent caller.

To review your call log

Press ▼CID to scroll backward (display older calls) or DIR ▲ to scroll forward (display newer calls). The highest call number is the most recent call received.

Each caller ID entry in the call log will be designated NEW until you have reviewed the call. After a call has been reviewed, it will disappear.

To return a call

Press PHONE/FLASH or SPEAKER to call the number currently displayed.

Dialing options

Caller ID numbers may appear with an area code that may not be required for local calls.

If the number displayed is not in the correct format, you can change how it is dialed. Press # repeatedly to see dialing options. With each button press, a new option will be displayed. Press PHONE/FLASH or SPEAKER to dial when the number appears in the proper format for your area.

Example:

- ▼CID Number displayed as 908-555-0100
- # twice Number changes to 555-0100 (drops 1 + area code)
- PHONE/FLASH OR SPEAKERDials 555-0100

Other options

Press MENU/SELECT at any caller ID screen to see options (dial or program; see pages 27-29).

When any caller ID screen is displayed, press PHONE/FLASH or SPEAKER, or press MENU/SELECT then ▼CID and MENU/SELECT to dial the number exactly as it appears on the screen.

Delete call log entries

To delete a single call log entry

Press **▼CID** to display the first caller ID listing. Use the **▼CID** or **DIR ▲** keys to find the entry you want to delete, then press **CHAN/DELETE**. When the entry is deleted, the next oldest record is displayed.

1.  **▼CID**



2.  **▼CID**



3.  **CHAN/DELETE**



-OR-



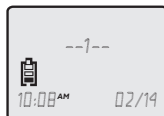
1.  **CHAN/DELETE**



2.  **DIR ▲**



3.  **MENU/SELECT**



Call log cleared

To delete all call log entries

To clear your call log completely, press and hold **CHAN/DELETE** while the phone is idle (not in use). This will display a confirmation screen asking if you want to erase all entries in the caller ID log. If you select yes, the call log will be cleared and the screen will return to normal standby display, showing no missed calls.



NOTES:

1. Each cordless handset has its own call log. When you delete one or all call log entries from one cordless handset, the information on all other cordless handsets will not be affected.
2. When there are already 30 entries in the CID Memory, the next incoming call will automatically cause the oldest entry to be deleted from the CID Memory of the handset.

Add entries to the directory

1.  **▼CID**



When any caller ID screen is displayed, follow the steps at left to enter it into your phone directory.

2.  **MENU/SELECT**



Both the caller's name and telephone number will be entered as they appear in the call log. At steps 3-4, you can make any changes to the name or number by using the **▼CID** button to erase characters, or using the dial pad to enter new ones (see pages 20-21 for instructions).

3.  **MENU/SELECT**



Edit name as desired

When the number is stored, the screen returns to the call log display. The entry copied to your phone directory remains in the call log until deleted.

4.  **MENU/SELECT**



Edit number as desired

5.  **MENU/SELECT**



6.  **MENU/SELECT**









Entry added to phone directory

Screen icons, indicator lights & tones

Screen icons & alert tones



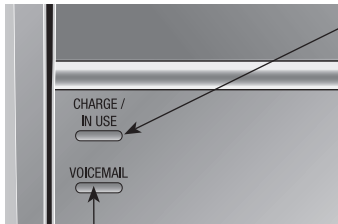
Screen icons

-  An extension telephone is in use.
-  The handset speakerphone is in use.
-  The handset headset is in use.
- MUTE** Microphone is muted.
-  Ringer off.
-  Battery charging (animated display).
-  Low battery (flashing); place handset in telephone base or charger to recharge.
- NEW** Missed and un-reviewed calls.

Handset alert tones

- Two short beeps** Press **▼ CID OF DIR ▲** keys while the volume level is already at the highest or lowest.
- Double beep every 5 seconds** Low battery warning.
- Two beeps** Out of range when on the line.
- Confirmation tone** Command completed successfully.

Indicator lights



CHARGE/IN USE

On when the cordless handset is properly positioned to charge in the telephone base.

On when the handset is in use, the answering system is answering an incoming call or you are registering a handset.

Flashes while there is an incoming call is ringing, when another telephone is in use on the same line, or you are de-registering a handset from the telephone base.

VOICEMAIL

Flashes when there is new voicemail (requires voicemail service from your local telephone company).



SPEAKER

On when the speakerphone is in use.

Handset display screen messages



Screen display messages

<i>CONNECTING...</i>	The cordless handset is waiting for a dial tone.
<i>** RINGING **</i>	There is a call coming in.
<i>** PAGING **</i>	The cordless handset locator has been activated (all cordless handsets beep to help you locate them).
<i>NEEDS RECHARGING</i>	Cordless handset battery is depleted. Place cordless handset in base or charger to charge the battery.
<i>BATTERY LOW</i>	Cordless handset battery is low. Place cordless handset in base or charger to charge the battery.
<i>PHONE ON</i>	The cordless handset is in use.
<i>SCANNING...</i>	Cordless handset is scanning for a clear channel to improve sound quality.
<i>XX MISSED CALLS</i>	There are missed and un-reviewed calls in your call log.
<i>RINGER OFF</i>	The cordless handset ringer is turned off.
<i>MEMORY FULL</i>	You are saving to a full directory.
<i>SPEAKER</i>	The handset speakerphone is in use.
<i>MICROPHONE MUTED</i>	The call switches from normal call to mute.
<i>MICROPHONE ON</i>	The call switches from mute to normal call.

Troubleshooting

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

My telephone does not work at all.

- Make sure the battery pack is installed and charged correctly (see page 7). For optimum daily performance, return the cordless handset to the telephone base after use.
- Make sure the power adapter is securely plugged into an outlet not controlled by a wall switch.
- Make sure the telephone line cord is plugged firmly into the telephone base and the modular wall jack.
- 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 base to synchronize.
- Charge the battery in the cordless handset for at least 16 hours.
- Remove and re-insert the battery. If that still does not work, it may be necessary to purchase a new battery pack.
- Disconnect the telephone base from the modular jack and plug in a working telephone. If this telephone does not work, the problem is probably in the wiring or the local service. Call the local telephone company.

BATTERY LOW is displayed on screen

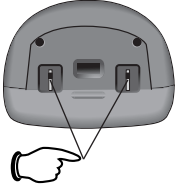
- Place the handset in the base for recharging.
- Remove and re-install the battery and use it normally until fully discharged, then recharge the handset on the telephone base for 16 hours.
- If the above measures do not correct the problem, the battery may need to be replaced.

The battery does not charge in the handset or the handset battery does not accept charge

- Make sure the handset is placed in the telephone base correctly. The **CHARGE** light on the telephone base should be on.
- If the cordless handset is in the telephone base but the **CHARGE** light is not on, refer to "The **CHARGE** light is off" in this section.
- It may be necessary to purchase a new battery. Please refer to the batteries section of this user's manual.
- The telephone might be malfunctioning. Please refer to the Warranty section of this user's manual for further instruction.

Troubleshooting

The CHARGE light is off



- Clean the metallic charging contacts on the cordless handsets and telephone base each month using a pencil eraser or a dry non-abrasive fabric.
- Make sure the power adapter and telephone line cords are plugged in correctly and securely.
- Unplug the power adapter. Wait for 15 seconds before plugging it back in. Allow up to one minute for the cordless handset and telephone base to reset.
- The telephone might be malfunctioning. Please refer to the Warranty section of this user's manual for further instruction.

There is no dial tone.

- First, try all the above suggestions.
- Move the cordless handset closer to the telephone base. It might be out of range.
- The telephone line cord might be malfunctioning. Try installing a new telephone line cord.
- Disconnect the base unit from the telephone jack and connect a different telephone. If there is no dial tone on the telephone either, the problem is in your wiring or local service. Contact your local telephone company.

The telephone does not ring when there is an incoming call.

- Make sure the ringer is on (see page 12-13).
- Make sure the telephone line cord and power adapter are plugged in properly (see page 7).
- The cordless handset may be too far from the telephone base. Move it closer to the telephone base.
- There may be too many extension telephones on the telephone line to allow all of them to ring simultaneously. Try unplugging some of them.
- If the other telephones in your home are having the same problem, the problem is in the wiring or local service. Contact the local telephone company (charges may apply).
- Other electronic products can cause interference to your cordless telephone. Try installing your telephone as far away as possible from the following electronic devices: wireless routers, radios, radio towers, pager towers, cellular telephones, digital telephones, intercoms, room monitors, televisions, VCRs, personal computers, kitchen appliances, and other cordless telephones.
- Test a working telephone at the same telephone jack. If another telephone has the same problem, the problem is in the telephone jack. Contact your local telephone company (charges may apply).
- The telephone line cord might be malfunctioning. Try installing a new telephone line cord.
- Re-install the battery pack and place the cordless handset in the telephone base.
- Wait for the cordless handset to synchronize with the telephone base. To be safe, allow up to one minute for this to take place.

Troubleshooting

My phone rings but when I try to answer the call the handset screen shows CONNECTING...

- The cordless handset may be too far from the telephone base. Move closer to the telephone base and try to answer the call.

I cannot dial out.

- First, try all the above suggestions.
- Make sure there is a dial tone before dialing. It is normal if the cordless handset takes a second or two to synchronize with the telephone before producing a dial tone. Wait an extra second before dialing.
- Make sure the telephone is set to the correct dial mode (pulse dial or tone dial) for the service in your area. Refer to the handset settings section of this user's manual (page 18) to set the dial mode.
- If the other telephones in your home are having the same problem, the problem is in the 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 telephone 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.

There is noise or interference during a telephone conversation.

- The handset may be out of range. Move it closer to the telephone base.

My calls fade out or cut in and out when I am using the cordless handset.

- Appliances or other cordless telephones plugged into the same circuit as the telephone base can cause interference. Try moving the appliance or telephone base to another outlet.
- Other electronic products can cause interference to your cordless telephone. Try installing your telephone as far away as possible from the following electronic devices: wireless routers, radios, radio towers, pager towers, cellular telephones, digital telephones, intercoms, room monitors, televisions, VCRs, personal computers, kitchen appliances, wireless routers, and other cordless telephones.
- Microwave ovens operate on the same frequency as your telephone. It is normal to experience static on your telephone while the microwave oven is operating. Do not install this telephone in the same outlet or near a microwave oven.
- If your telephone is plugged in with a modem or a surge protector, plug the telephone (or modem/surge protector) into a different location. If this solves the problem, re-locate your telephone or modem farther apart from each other, or use a different surge protector.
- The layout of your home or office might be limiting the operating range. Trying moving the base to another location, preferably a higher location for better reception.

Troubleshooting

- Disconnect the telephone base from the modular jack and plug in a corded telephone. If calls are still not clear, the problem is probably in the wiring or local service. Contact your local service company (charges may apply).
- Select channels 4 through 10 for your router (refer to the user's manual of your router for more information).
- If the other telephones in your home are having the same problem, the problem is in the wiring or local service. Contact the local telephone company (charges may apply).
- Do you have DSL service? If yes, you need to have a DSL filter installed at every telephone jack that has a telephone connected to it. Contact your DSL service provider for filter information

I hear other calls when using the telephone.

- Disconnect the telephone base from the telephone jack. Plug in a different telephone. If you still hear other calls, the problem is probably in the wiring or local service. Call your local telephone company.

My caller ID features are not working properly.

- Caller ID is a subscription service. You must subscribe to this service from your local telephone company for this feature to work on your telephone.
- The caller may not be calling from an area which supports caller ID.
- Both you and the caller's telephone companies must use equipment which are compatible with caller ID service.
- If you subscribe to DSL service, install a noise filter to the telephone line between the base unit and the telephone line jack. Contact your DSL service provider for filter information.

The system does not receive caller ID or the system does not display caller ID during call waiting

- Make sure you subscribe to Caller ID with Call Waiting features services provided by the local telephone company.
- The caller may not be calling from an area which supports caller ID.
- Both you and the caller's telephone companies must use equipment which are compatible with caller ID service.
- If you subscribe to DSL service, install a noise filter to the telephone line between the base unit and the telephone line jack. Contact your DSL service provider for filter information.

Common cure for electronic equipment

- If the unit is not responding normally, trying putting the cordless handset in the telephone base or the charger. If it does not seem to respond, try the following (in the order listed):
 1. Disconnect the power to the telephone base.
 2. Disconnect the battery on the cordless handset.
 3. Wait a few minutes before connecting power to the telephone base.
 4. Re-install the battery pack and place the cordless handset into the telephone base or charger.
 5. Wait for the cordless handset to synchronize its connection with the telephone base. To be safe, 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 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 Troubleshooting in this 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.
- **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.
- **This 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, call 1 (800) 222-3111. In Canada, call 1 (866) 288-4268.

Important safety instructions

Especially about cordless telephones

- **Privacy:** The same features that make a cordless phone convenient create some limitations. Telephone calls are transmitted between the base and the handset by radio waves, so there is a possibility that your cordless phone conversations could be intercepted by radio receiving equipment within range of the cordless handset. **For this reason, you should not think of cordless phone conversations as being as private as those on corded phones.**
- **Electrical power:** The base unit of this cordless telephone must be connected to a working electrical outlet. The electrical outlet should not be controlled by a wall switch. **Calls cannot be made from the handset if the base unit is unplugged or switched off, or if the electrical power is interrupted.**
- **Potential TV interference:** Some cordless telephones operate at frequencies that may cause interference to TVs and VCRs. To minimize or prevent such interference, do not place the base unit of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.
- **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.



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.

- **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.

Important safety instructions

Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to 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.

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.

FCC Part 68 and ACTA

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 base unit 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 brands are used under license. Any repair, replacement or warranty service, and all questions about this product should be directed to: Advanced American Telephones, 1 (800) 222-3111 or www.telephones.att.com. In Canada, call 1 (866) 288-4268.

1. What does this limited warranty cover?

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

2. What will AAT do if the product is not free from material defects in materials and workmanship during the limited warranty period ("MATERIALLY DEFECTIVE PRODUCT")?

During the limited warranty period, AAT's authorized service representative will repair or replace, at AAT's option, without charge, a materially defective product. If AAT repairs this product, AAT may use new or refurbished replacement parts. If AAT chooses to replace this product, AAT may replace it with a new or refurbished product of the same or similar design. AAT will return repaired or replacement products to you in working condition.

AAT will retain defective parts, modules, or equipment. Repair or replacement of product, at AAT's option, is your exclusive remedy. You should expect the repair or replacement to take approximately 30 days.

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 AAT repairs or replaces a materially defective product under the terms of this limited warranty, this limited warranty also applies to repaired or replacement products 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.

Limited warranty

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 AAT; 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-AAT 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, or used for commercial or institutional purposes (including but not limited to products used for rental purposes); or
- product returned without valid proof of purchase (see 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, call 1-800-222-3111 (In Canada, please dial 1-866-288-4268) for instructions regarding where to return the product. Before calling for service, please check 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 product(s) to the service location. AAT will return repaired or replaced product under this limited warranty to you, transportation, delivery or handling charges prepaid. AAT 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, AAT 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 AAT service location along with a description of the malfunction or difficulty;
- b include "valid proof of purchase" (sales receipt) identifying the product purchased (product model) and the date of purchase or receipt (keep a copy for your records); 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 AAT. It supersedes all other written or oral communications related to this product. AAT provides no other warranties for this product. The warranty exclusively describes all of AAT'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 Law Rights: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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 do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

In no event shall AAT 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 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 base)	5863.8 MHz — 5872.5 MHz
RF frequency band (telephone base to handset)	912.75 MHz — 917.10 MHz
Channels	30
Modulation	FM
Operating temperature	32°F — 122°F 0°C — 50°C
Telephone base voltage (AC voltage, 60Hz)	104 — 129Vrms
Telephone base voltage (AC adapter output)	AC 9V @250mA
Handset voltage	DC 3.1 — 4.3V 400mAh
Rechargeable battery	3.6V 400mAh

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