



at&t

User's manual

E2901

**2.4 GHz cordless telephone/
with caller ID/call waiting**



Congratulations

on purchasing your
new AT&T product.

Before using this AT&T product, please
read the **Important safety instructions**
on pages 43-45 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. You can also visit our
website at www.telephones.att.com
or call 1 (800) 222-3111.

In Canada dial 1 (866) 288-4268.

Model #: E2901

Product name: 2.4GHz cordless telephone

Serial #: _____

(found on the bottom of the telephone base)

Purchase date: _____

Place of purchase: _____

You must install and charge the battery before using the telephone.



See page 7
for easy instructions.

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



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

- Use only the supplied rechargeable battery or replacement battery (model 27910, part number 89-0099-00-00) or equivalent. To order a replacement battery, visit our website at www.telephones.att.com or call 1 (800) 222-3111. In Canada dial 1 (866) 288-4268.
- Do not dispose of the battery in a fire. Like other batteries of this type, it could explode if burned. Check with local codes for special disposal instructions.
- Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- Exercise care in handling batteries in order not to create a short circuit. Do not allow conductive materials such as rings, bracelets, or keys to touch the battery. The battery or conductor may overheat and cause harm.
- Charge the battery provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
- Observe proper polarity orientation between the battery and battery charger.
- Do not disassemble your telephone. There are no user-serviceable parts inside. Refer to qualified service personnel for servicing.

User's manual

E2901

2.4 GHz cordless telephone/ with caller ID/call waiting



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Quick reference guide

Cordless handset

▼ CID-/VOLUME

Press to scroll down while in menus. Press to display caller ID information (page 32). While entering names or numbers, press to move the cursor to the left (page 24). Press to decrease the listening volume while on a call (page 14).

☎ PHONE/FLASH

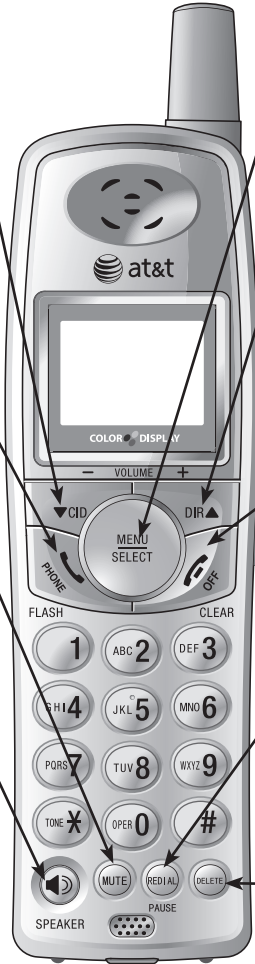
Press to make or answer a call (page 11). During a call, press to receive an incoming call if call waiting is activated (page 14).

MUTE

While on a call, press to mute microphone (page 15).

🔊 SPEAKER

Press to activate handset speakerphone. Press again to resume normal handset use (page 11).



MENU/SELECT

Press to display the menu. Once in the menu, press to select an item or save an entry or setting.

DIR ▲/VOLUME+

Press to scroll up while in menus. Press to display directory entries (page 26). While entering names or numbers, press to move the cursor to the right (page 24). Press to increase the listening volume while on a call (page 14).

☎ 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. While predialing, press to delete digits (page 11).

REDIAL/PAUSE

Press to view redial memory (page 12). While entering numbers, press and hold to insert a dialing pause (page 24).

DELETE

While reviewing the call log, press to delete an individual entry, or press and hold to clear the caller ID log (page 32). While entering or editing a name or number, press to delete a character (page 24-25).

Feature menu

☐ Shows a highlighted item



Menu

Feature menu

	DIRECTORY.....Page 23
	CALL LOG.....Page 29
	SETTINGS.....Page 16
	SOUNDS.....Page 19
	DISPLAY.....Page 20
	RINGER VOLUME.....Page 22

Using menus

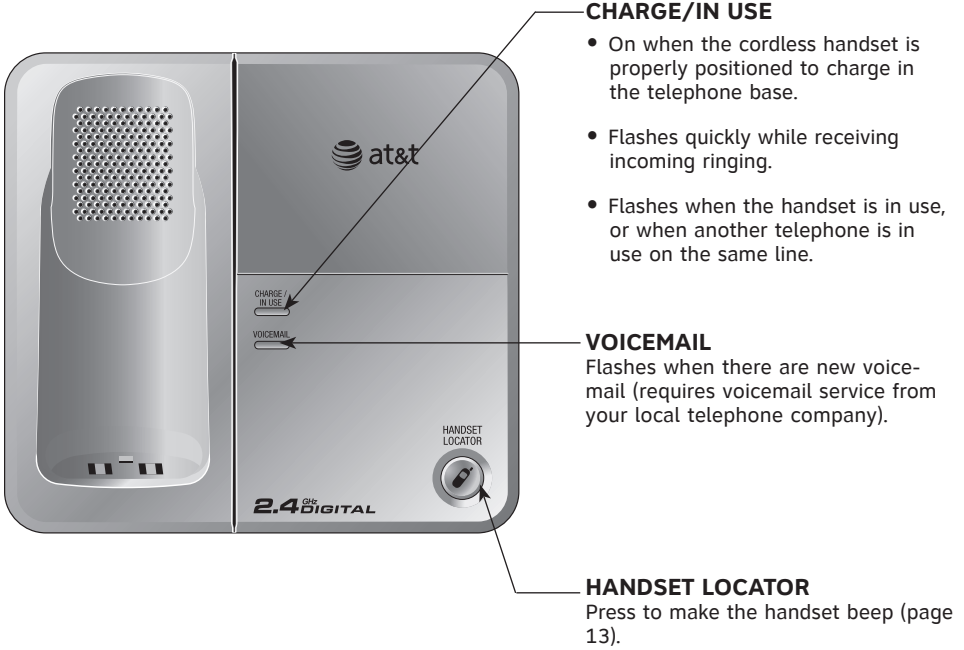
Press ▼ CID-/VOLUME or DIR ▲/VOLUME+ to scroll through menu items.

Press MENU/SELECT to select or modify a highlighted item.

Press ☎ OFF/CLEAR to cancel an operation, back up to the previous menu, or exit the menu display.

Quick reference guide

Telephone base

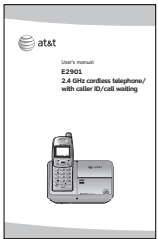


Getting started

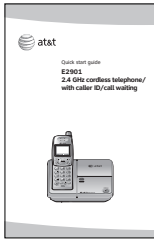
Parts checklist

Save your sales receipt and original packaging in case it is necessary to ship your telephone for warranty service.

Check to make sure the telephone package includes the following:



User's manual



Quick start guide



Cordless handset



Telephone base with mounting bracket installed



Battery for cordless handset



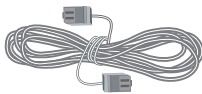
Battery compartment cover



Belt clip for cordless handset



Power adapter for telephone base



Telephone line cord

Telephone base installation

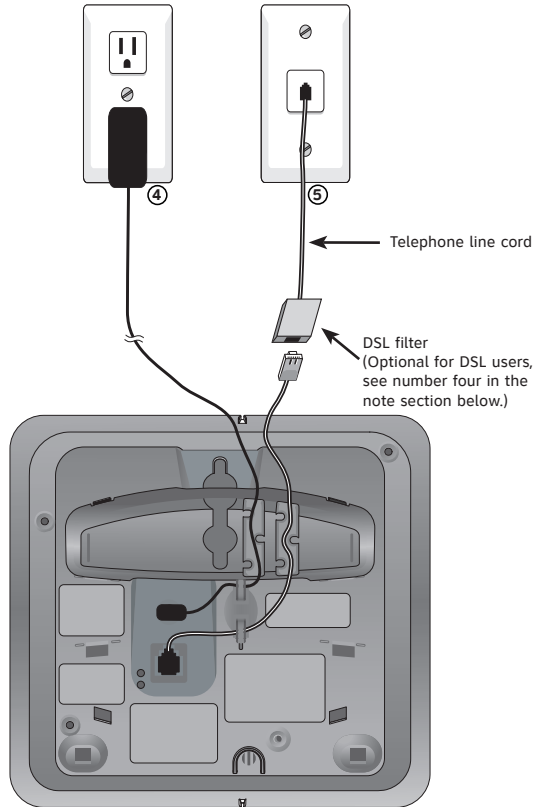
Choose a central location close to a telephone jack and an electrical outlet not controlled by a wall switch. The telephone base can be placed on a flat surface or mounted on a standard wall plate. For optimum range and better reception, place the telephone base in a high and open location.

Avoid placing the telephone base too close to:

- Communication devices such as: personal computers, computer routers, television sets, VCRs, wireless routers (wireless broadband, wi-fi, or 802.11) or other cordless telephones.
- Excessive heat sources.
- Noise sources such as a window with traffic outside, motors, microwave ovens, refrigerators, or fluorescent lighting.
- Excessive dust sources such as a workshop or garage.
- Excessive moisture.
- Extremely low temperature.
- Mechanical vibration or shock such as on top of the washing machine or work bench.

Telephone base installation

1. Plug one end of the telephone line cord into the telephone jack at the bottom of the telephone base.
2. Plug the small end of the power adapter into the power jack at the bottom of the telephone base.
3. Route cords through slots.
4. Plug the large end of the power adapter into an electrical outlet not controlled by a wall switch.
5. Plug the other end of the telephone line cord into a telephone wall jack.



NOTES:

1. Use only the power adapter supplied with this product. To order a replacement power adapter, visit our website at www.telephones.att.com or call 1 (800) 222-3111. In Canada dial 1 (866) 288-4268.
2. Be sure to use an electrical outlet not controlled by a wall switch.
3. 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, under-the-table or cabinet outlet.
4. If you receive high speed internet through your telephone line (commonly referred to as DSL), and you are experiencing interference during telephone 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 wall jack. Contact your DSL service provider for a DSL filter.

Battery installation & charging

After installing the battery, you may be able to make and receive short calls. For best performance, place the handset in the telephone base and charge for 16 hours before use.

You can keep the battery charged by returning the handset to the telephone base after 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 and the standby time is approximately five days. Actual battery life depends on usage conditions and age of battery.

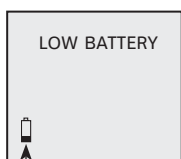


1. Insert the plug as indicated. Be sure to securely insert the plug, making sure it matches the color-coded label inside the battery compartment.

2. Place the battery and wires inside the compartment.

3. Slide the battery compartment cover up until it clicks.

4. You may be able to make and receive short calls. For best performance, place the handset in telephone base to charge for at least 16 hours before first use.



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




To replace the battery, press in and downward on the tab of the battery compartment cover to open the battery compartment cover. Lift out the old battery and disconnect it from the handset. Follow the instructions on this page to install and charge the new battery.



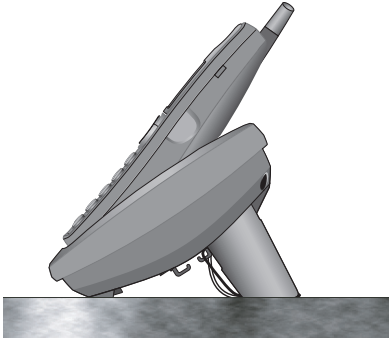
NOTE: Under normal conditions, the battery should last around one year. This may vary depending on usage.

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

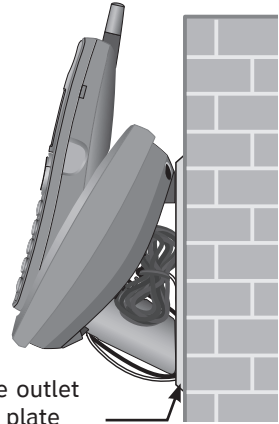
Installation options

 **NOTE:** The mounting bracket must be used for both tabletop use and wall mounting positions.

Tabletop mount



Wall mount

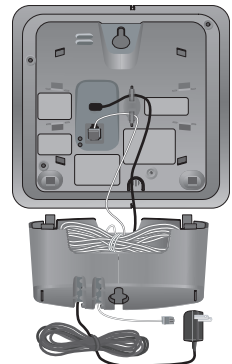
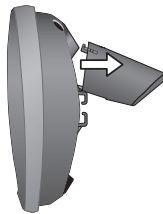
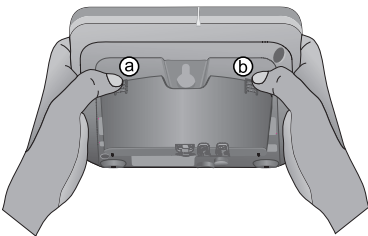


Telephone outlet
mounting plate
with mounting
studs

Wall mounting

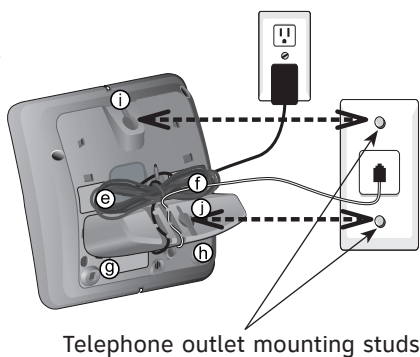
The telephone base comes with the bracket mounted for tabletop use. If wall-mounting is desired, a telephone outlet wall mounting plate with mounting studs is required. This mounting plate with studs may be available for purchase from many hardware or consumer electronics retailers and may require professional installation.

1. To remove the bracket, hold the telephone base in both hands, press the two bracket tabs and lift the bracket away from slots **a** and **b**.
2. Connect the telephone line cord and power adapter to the jacks on the bottom of the telephone base. Bundle the telephone cord, and secure it with a twist tie before placing it inside the bracket.



Installation options

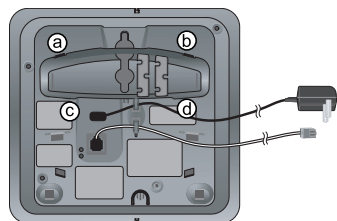
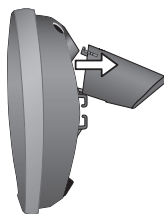
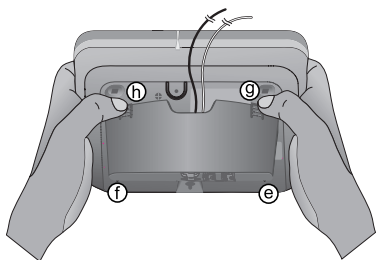
3. To attach the bracket for wall mounting, insert the tabs of the bracket into slots ⑥ and ⑦ on the telephone base, then press the other bracket tabs into slots ⑧ and ⑨ as shown on the right.
4. Plug the power adapter into an electrical outlet not controlled by a wall switch. Plug the telephone line cord into a telephone wall jack. To mount the telephone on the wall, position the mounting holes ⑩ and ⑪ over the telephone outlet mounting studs. Press and slide the bracket down firmly so the telephone is held securely on the telephone outlet mounting studs.



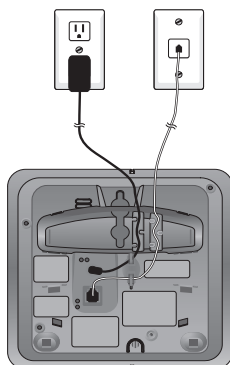
Tabletop mounting

To return the bracket from the wall mount to tabletop position, follow the directions below.

1. Remove the telephone base from the wall. Unplug the cords from the wall jacks. Remove the bracket from the telephone base.
2. Insert the bracket tabs into slots ③ and ④ on the telephone base, then press the other bracket tabs into slots ① and ②.

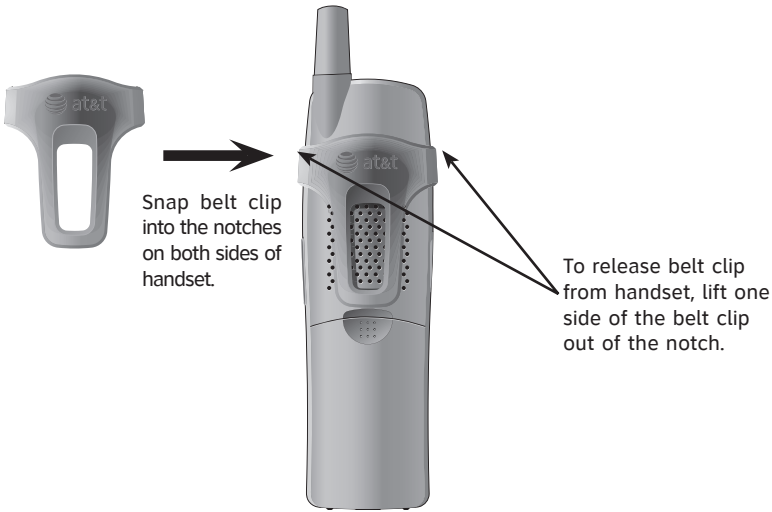


3. Route cords through slots. Plug the other end of the telephone line cord into a telephone wall jack. Plug the large end of the larger power adapter into an electrical outlet not controlled by a wall switch.

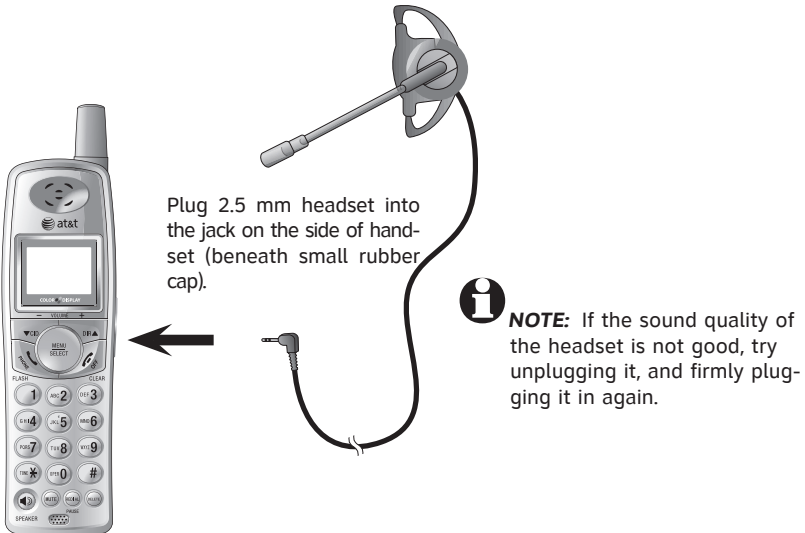


Belt clip & optional headset

Install belt clip as shown below if desired.



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



Basic operation

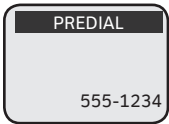
Making and answering calls



To answer an incoming call, press **PHONE/FLASH**, **SPEAKER** or any dial pad key (0-9, * or #) on the handset. To make a call, press **PHONE/FLASH** or **SPEAKER** then dial a number. Press **OFF/CLEAR** or place the handset in the telephone base or charger to hang up.

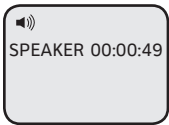
To predial (preview numbers before dialing), enter numbers first. Press **DELETE** or **OFF/CLEAR** any-time to make corrections, then press **SPEAKER** or **PHONE/FLASH** to dial.

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



i NOTE: During a call, pressing **PHONE/FLASH** to access services from your local telephone company will not affect the elapsed time.

Hands-free speakerphone calls

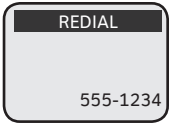


To answer a call, press **SPEAKER**. To make a call, press **SPEAKER** then dial a number. During a call, press **SPEAKER** to alternate between hands-free speakerphone and normal handset use. Press **OFF/CLEAR** to hang up.

i NOTE: If a headset is plugged into the handset, you will not be able to use the handset speakerphone. To use hands-free speakerphone, make sure the headset is unplugged, then press **SPEAKER** to activate the hands-free speakerphone.

Basic operation

Last number redial



Press **REDIAL/PAUSE** to display the most recently called numbers (up to 32 digits). Press **▼CID/-VOLUME, DIR ▲/VOLUME+** or **REDIAL/PAUSE** repeatedly to view up to five recently called numbers. The handset beeps twice at the beginning or end of the list. Press **↵OFF/CLEAR** to exit. Press **🔊SPEAKER** or **📞PHONE/FLASH** to redial any displayed number. Or press **📞PHONE/FLASH** or **🔊SPEAKER** then **REDIAL/PAUSE** to dial the most recently called number (up to 32 digits).

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

Temporary ring silencing







Press **↵OFF/CLEAR** or **MUTE** while the telephone is ringing to silence the handset ringer temporarily. This will silence the ringer without disconnecting the call.

The next incoming call will ring normally.

Basic operation


Handset locator



If the handset is misplaced, press  **HANDSET LOCATOR** on the telephone base. The handset will play a paging tone 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, or press  **HANDSET LOCATOR** on the telephone base.



NOTES:

1. If the handset ringer is set to off (0), handset will not generate paging tone.
2. During a page, pressing  **OFF/CLEAR** or **MUTE** on the handset (page 12), the ringer of the handset will be silenced, but it will not cancel the page.

Options while on calls

Volume control

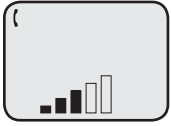
Press **▼CID/-VOLUME** to decrease the volume.
Press **DIR ▲/VOLUME+** to increase the volume.
When changing the volume level, the new setting is saved.



NOTE: The earpiece, hands-free speakerphone and headset listening volume are adjusted separately.

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 you are already on a call. Press **☑PHONE/FLASH** to put your current call on hold and take the new call. Press **☑PHONE/FLASH** anytime to switch back and forth between calls. For more information on caller ID, see page 29.





Options while on calls

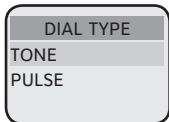
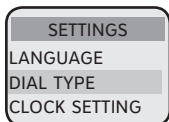
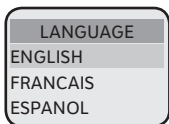
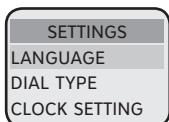
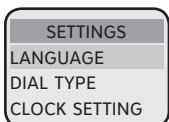
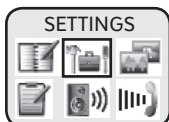
Mute

Press **MUTE** to silence the microphone. When mute is on, **ⓧ** will show on 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** again and resume speaking. When mute is turned off, **MICROPHONE ON** will show temporarily on the handset screen. Mute is automatically cancelled when you end a call.

Temporary tone dialing

If you have only dial pulse (rotary) service, you can temporarily switch to touch tone dialing during a call by pressing **TONE/***. This can be useful when sending 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.



Settings



In the **SETTINGS** menu, you can change the language, dial type, and clock setting. You can also clear the voice mail indication.

1. Press **MENU/SELECT** in idle mode to enter the feature menu.
2. Press **▼CID/-VOLUME** to highlight **SETTINGS**, then press **MENU/SELECT** to enter the **SETTINGS** menu.
3. Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to scroll through the **SETTINGS** menu, then press **MENU/SELECT** to select the desired option.

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

Language

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

1. In the **SETTINGS** menu, press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to highlight **LANGUAGE**, then press **MENU/SELECT**.
2. Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to highlight **ENGLISH**, **FRANCAIS** or **ESPANOL**.
3. Press **MENU/SELECT** to save your preference and be returned to **SETTINGS**.

Dial type

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

1. In the **SETTINGS** menu, press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to highlight **DIAL TYPE**, then press **MENU/SELECT**.
2. Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to highlight **TONE** or **PULSE**.
3. Press **MENU/SELECT** to save your preference and be returned to **SETTINGS**.



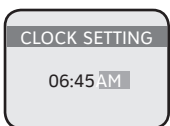
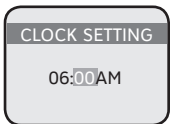
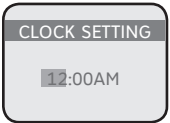
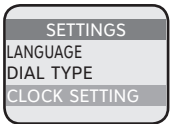
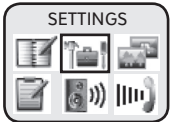
Settings

Clock setting

If you subscribe to caller ID service provided by your local telephone company, the time will automatically be set by an incoming call.

In this menu, you can choose to set the time displayed on the handset screen.

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



1. Press **MENU/SELECT** in idle mode to enter the feature menu.
2. Press **▼CID/-VOLUME** to highlight **SETTINGS**, then press **MENU/SELECT** to enter the **SETTINGS** menu.
3. Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to highlight **CLOCK SETTING**, then press **MENU/SELECT**.
4. Use the dial pad keys (0-9) to enter two digits for the hour (01-12). You can also press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to set the hour.
5. Press **MENU/SELECT**.
6. Use the dial pad keys (0-9) to enter two digits for the minute (00-59). You can also press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to set the minute.
7. Press **MENU/SELECT**.
8. Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to set **AM** or **PM**.
9. Press **MENU/SELECT** to confirm the clock setting and be returned to **SETTINGS**.

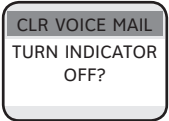
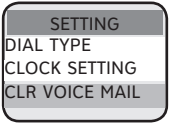



NOTE: Caller ID provides the time. The time will be set automatically only if you subscribe to caller ID service provided by your local telephone company (page 30).



Settings

Clear voice mail indication





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

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

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

1. Press **MENU/SELECT** in idle mode to enter the feature menu.
2. Press **▼CID/-VOLUME** to highlight **SETTINGS**, then press **MENU/SELECT** to enter the **SETTINGS** menu.
3. Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to highlight **CLR VOICE MAIL**.
4. Press **MENU/SELECT**.
5. Press **MENU/SELECT** again to remove the displayed message, or press **OFF/CLEAR** to exit.

This only turns off the displayed **NEW VOICE MAIL** message,  icon and **VOICEMAIL** light. It does not delete the voice mail message(s).

Use this feature when the telephone indicates there is voice mail when you have none, or when you have accessed your voice mail from a different telephone line (away from home). If there is actually a new voice mail message, your local telephone company will continue to send the signal which will cause the **NEW VOICE MAIL** message,  icon and **VOICEMAIL** light to be displayed again.



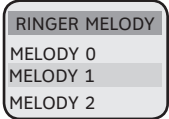
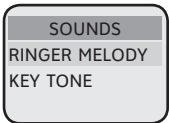
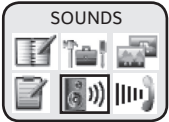
NOTE: Your telephone company may alert you with a pulsing (stutter) dial tone to indicate there is a voice mail message.

Sounds



In the **SOUNDS** menu, you can choose one of ten ringer melodies, and turn the key tone on or off.

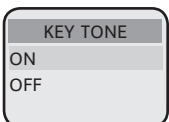
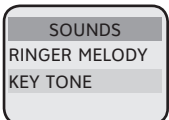
To cancel an operation, back up to the previous menu, or exit the menu display press **OFF/CLEAR**. To return to the idle mode press and hold **OFF/CLEAR**.



Ringer melody

To choose a ringer melody:

1. Press **MENU/SELECT** in idle mode to enter the feature menu.
2. Use the **▼CID/-VOLUME** or **DIR ▲/VOLUME+** keys to highlight **SOUNDS**, then press **MENU/SELECT** to enter **SOUNDS** menu.
3. Press **MENU/SELECT** again to select **RINGER MELODY**.
4. Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to hear the melody options.
5. Press **MENU/SELECT** to save your preference and be returned to **SOUNDS**.



Key tone

The handset is preset 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:

1. Press **MENU/SELECT** in idle mode to enter the feature menu.
2. Use the **▼CID/-VOLUME** or **DIR ▲/VOLUME+** keys to highlight **SOUNDS**, then press **MENU/SELECT** to enter the **SOUNDS** menu.
3. Press **▼CID/-VOLUME** to highlight **KEY TONE**, then press **MENU/SELECT** to select **KEY TONE**.
4. Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to highlight **ON** or **OFF**.
5. Press **MENU/SELECT** to save your preference and be returned to **SOUNDS**.

Display



In the **DISPLAY** menu, you can select an image to be displayed as wallpaper. You can also adjust the contrast and brightness to one of five levels to suit different lighting conditions.

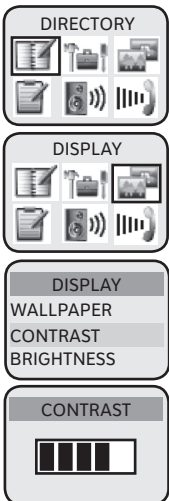
To cancel an operation, back up to the previous menu, or exit the menu display press **OFF/CLEAR**. To return to the idle mode press and hold **OFF/CLEAR**.



Wallpaper

To choose a wallpaper for the handset:

1. Press **MENU/SELECT** in idle mode to enter the feature menu.
2. Use the **▼CID/-VOLUME** or **DIR ▲/VOLUME+** keys to highlight **DISPLAY**, then press **MENU/SELECT** to enter the **DISPLAY** menu.
3. Press **MENU/SELECT** again to select **WALLPAPER**.
4. Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to see the wallpaper options.
5. Press **MENU/SELECT** to save your preference and be returned to **DISPLAY**.



Contrast

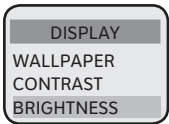
To adjust the screen contrast on the handset:

1. Press **MENU/SELECT** in idle mode to enter the feature menu.
2. Use the **▼CID/-VOLUME** or **DIR ▲/VOLUME+** keys to highlight **DISPLAY**, then press **MENU/SELECT** to enter the **DISPLAY** menu.
3. Press **▼CID/-VOLUME** to highlight **CONTRAST**, then press **MENU/SELECT**.
4. Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to adjust the screen contrast.
5. Press **MENU/SELECT** to save your preference and be returned to **DISPLAY**.



Display

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



Brightness

To adjust the screen brightness on the handset:


1. Press **MENU/SELECT** to enter the feature menu.
2. Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to scroll to **DISPLAY**, then press **MENU/SELECT** to enter the **DISPLAY** menu.
3. Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to highlight **BRIGHTNESS**, then press **MENU/SELECT**.
4. Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to view a sample of each brightness level.
5. Press **MENU/SELECT** to save your preference and return to **DISPLAY**.



NOTE: When the handset is idle and no keys have been pressed for 15 seconds, the handset display background will appear black to save battery power.

Ringer volume



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

The ringer volume level also determines the paging tone when initiating the handset locator feature (page 13). If the ringer volume level is set to off (0) on the handset, the handset is silenced for all incoming calls and paging.

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

To adjust the **RINGER VOLUME**:

1. Press **MENU/SELECT** in idle mode to enter the feature menu.
2. Use the **▼CID/-VOLUME** or **DIR▲/VOLUME+** keys to highlight **RINGER VOLUME**, then press **MENU/SELECT** to enter the **RINGER VOLUME** menu.
3. Press **▼CID/-VOLUME** or **DIR▲/VOLUME+** to hear the ringer levels.
4. Press **MENU/SELECT** to save your preference and be returned to the feature menu.



Directory



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. A convenient search feature can help you find and dial numbers quickly (page 27).

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

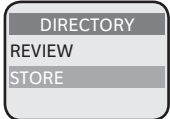
Exiting the directory

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



To create and store a new directory entry

1. Press **MENU/SELECT** in idle mode to enter the feature menu.
 2. Press **MENU/SELECT** again to enter the **DIRECTORY** menu.
 3. Press **▼CID/-VOLUME** to highlight **STORE**.
 4. Press **MENU/SELECT**.
 5. Enter the telephone number when prompted.
 - Use the dial pad to enter up to 32 digits.
 - Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to move the cursor to the left or right.
 - Press **DELETE** to erase numbers.
 - Press and hold **REDIAL/PAUSE** to enter a three-second dialing pause, (a **p** appears on the screen), if you need to pause for accessing banking or long distance services.
- OR-**
- Copy a number from redial by pressing **REDIAL/PAUSE** then press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to locate the number to copy. Press **MENU/SELECT** to copy the number.
6. Press **MENU/SELECT** to save the number. The display will show **ALREADY SAVED** if the number is already in the directory.



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.

New directory entries

7. Enter the name when prompted.



NOTE: The handset will automatically capitalize the first letter of every word.

- 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 **▼CID/-VOLUME** or **DIR▲/VOLUME+** to move the cursor to the left or right.
- Press **DELETE** to erase letters.



Dial Key	Characters by number of key presses								
	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								

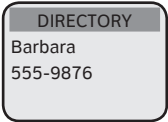
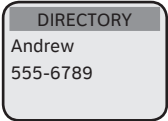
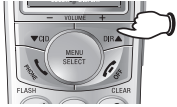


8. Press **MENU/SELECT** to store your new directory entry. The name and the telephone number will then be shown on the screen. To change it later, see page 28.

9. Press **OFF/CLEAR** to return to the **DIRECTORY** menu. Press and hold **OFF/CLEAR** to return to the idle mode.

Directory search

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



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.

-OR-

You can also display the first listing in the directory by first pressing **MENU/SELECT**, then **MENU/SELECT** to choose **DIRECTORY**, then press **MENU/SELECT** again to choose **REVIEW**.

2. Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to browse through the directory. Entries will be displayed alphabetically by the first letter in the name.

Directory search

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



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.

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 next 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 26-27) to display an entry. To exit the directory press **OFF/CLEAR**.

To dial a displayed number

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

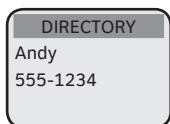
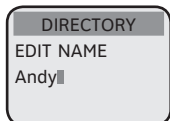
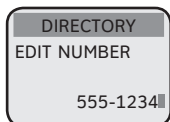
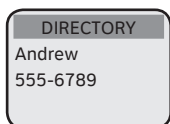
To delete an entry

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

To change an entry

When a directory entry is displayed:

1. Press **MENU/SELECT** to modify the entry. You will be prompted to **EDIT NUMBER**.
 - Press the dial pad keys to add digits.
 - Press **DELETE** to erase digits.
 - Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to move the cursor.
 - Press and hold **REDIAL/PAUSE** to add a three-second pause if desired.
 - Press **REDIAL/PAUSE**, then **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to scroll to a previously dialed number. Press **MENU/SELECT** to add the redial number to the entry.
2. Press **MENU/SELECT**. You will be prompted to **EDIT NAME**.
 - Press the dial pad keys to add characters (page 25).
 - Press **DELETE** to erase characters.
 - Press **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to move the cursor.
3. Press **MENU/SELECT** to confirm.
4. Press **OFF/CLEAR** to return to the **DIRECTORY** menu. Press and hold **OFF/CLEAR** to return to the idle mode.



Caller ID operation

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 while 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. In addition, services may not be available in all areas.

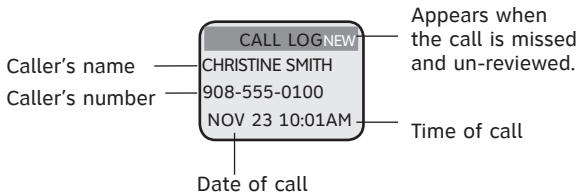
Depending on your service, the caller's number, or the caller's name and number may be displayed. This product can provide information only if both you and the caller are in areas offering caller ID service and if both telephone companies use compatible equipment. The time and date are sent by the telephone company along with the call information.

Caller ID operation



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

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

If a call is answered 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.



Caller ID operation

Memory match

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

If the telephone number of the caller exactly matches a telephone number in your directory, the name that appears on the screen will match the corresponding name already in the directory.

Example: If Christine Smith calls, her name will appear as Chris if this is how it was entered in the directory.




NOTE: The number shown in 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 telephone number of the person calling 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 as delivered by the telephone company.

Missed calls

When a handset is in idle mode with un-reviewed calls, its screen will show **XX MISSED CALLS**.

Un-reviewed entries 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 un-reviewed them one by one but still want to keep them in the caller ID log, press and hold  **OFF/CLEAR** for four seconds when the handset is idle. All reviewed entries in the caller ID log will be considered old and the counter is reset to 0.

HANDSET 1
4 MISSED CALLS
10:01AM

HANDSET 1
4 MISSED CALLS
4:30 PM

CALL LOG NEW
Pat Williams
555-1234
NOV 23 10:31AM

CALL LOG NEW
Jeffrey Adams
555-9876
NOV 23 10:21AM

CALL LOG NEW
Chris Thompson
908-555-0100
NOV 23 10:11AM

- OR -

CALL LOG NEW
Chris Thompson
1-908-555-0100
NOV 23 10:11AM

CALL LOG NEW
Chris Thompson
1-555-0100
NOV 23 10:11AM

CALL LOG NEW
Chris Thompson
555-0100
NOV 23 10:11AM

To review the call log

To review the call log

Press **▼CID/-VOLUME** 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 **▼CID/-VOLUME** or **DIR ▲/VOLUME+** to scroll through the list as shown at left. Press **⏏OFF/CLEAR** to return to the idle screen.



NOTE: You can also display the caller ID entries in the call log, when handset is idle, press **MENU/SELECT**, then **▼CID/-VOLUME** to choose **CALL LOG**, and then press **MENU/SELECT**.

To return a call

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

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 dialing, 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 dial the number.

Other options while reviewing the call log

- Press **DELETE** to delete the current entry from the call log.
- Press and hold **DELETE** to delete all entries from the call log. When asked to confirm, press **MENU/SELECT** to delete all entries, or press **⏏OFF/CLEAR** to exit without deleting any entries.
- Press **MENU/SELECT** to copy this entry into the directory. If the name or number is not provided, you will be prompted to enter them (page 25).
- Press and hold **⏏OFF/CLEAR** to return to the idle screen.








NOTE: If neither the name nor number are not provided, **UNABLE TO SAVE** will be displayed.

Screen icons, indicator lights & tones

Screen icons & alert tones



Screen icons

-  Battery charging (animated display).
-  Low battery (flashing); place handset in telephone base to recharge.
-  Speakerphone is in use.
-  New voicemail messages are received.
-  Ringer off.
- MUTE** Microphone is muted.
- NEW** Missed and un-reviewed calls.

Handset alert tones

- Two short beeps** The volume level is at the maximum or minimum setting.
- Four short beeps** Low battery warning.
- Two beeps** Out of range from the telephone base while on a call.
- Confirmation tone** Command completed successfully.

Indicator lights



CHARGE/IN USE

- On when the cordless handset is properly positioned to charge in the telephone base.
- Flashes quickly while receiving incoming ringing.
- Flashes when the handset is in use, or when another telephone is in use on the same line.

VOICEMAIL

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

-  **SPEAKER** On when speakerphone is in use.



Handset display screen messages



Screen display messages

XX MISSED CALLS	There are new calls in the caller ID log.
ALREADY SAVED	The telephone number you have entered is already stored in the directory.
CALL LOG EMPTY	You are accessing an empty call log.
CHARGING	A handset with a low battery has been placed to charge in the telephone base or charger.
CONNECTING ...	The handset has lost connection with the telephone base.
DIRECTORY EMPTY	You are accessing an empty directory.
ENDED	You have just disconnected a call.
INCOMING CALL	There is an incoming call.
LINE IN USE	Another telephone on the same line is in use.
LIST FULL	You are attempting to save to a full directory.
LOW BATTERY	The battery needs to be recharged.
MICROPHONE ON	MUTE has been turned off and the person on the other end can hear you.
MICROPHONE MUTED	The handset microphone is now muted.
NEW VOICE MAIL	There are new voicemail messages.
NO LINE	There is no telephone line connected.
NO SIGNAL, CALL ENDED	During a call, the handset is no longer connected with the telephone base. Try moving it closer to the telephone base.

Handset display screen messages



Screen display messages

** PAGING **	The telephone base is paging the handset.
PHONE	The handset is in use.
PLACE IN CHARGER	Battery power is very low. Place the handset in the telephone base or charger to recharge.
SPEAKER	The handset speakerphone is in use.
SAVED	The call log entry was saved to the directory successfully.
WARNING CHECK BATTERY!	<p>The battery is not installed or not installed properly in the handset.</p> <p>-OR-</p> <p>The battery needs to be replaced.</p> <p>-OR-</p> <p>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) or equivalent. To order a replacement battery, visit our website at www.telephones.att.com or call 1 (800) 222-3111. In Canada dial 1 (866) 288-4268.</p>

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 dial 1 (866) 288-4268.

My telephone does not work at all.

- Make sure the battery is installed and charged correctly (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 telephone'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. Please refer to the **Battery installation & charging** section of this user's manual (page 7).
- Disconnect the telephone base from the telephone line wall 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.

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 telephone base 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.

Troubleshooting

- 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.
 - Check that all the telephones connected to the same telephone line are hung up.
 - 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 16) 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.
-

LOW BATTERY
is displayed on
screen.

- Place the handset in the base or charger for recharging.
 - Remove and re-install the battery and use it normally until fully discharged, then recharge the handset on the telephone base or charger 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.

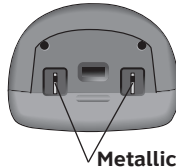
- Make sure the handset is placed in the telephone base or charger correctly. The **CHARGE** light on the telephone base or charger should be on.
- If the cordless handset is in the charger or in the telephone base but the **CHARGE** light is not on, refer to **The CHARGE light is off** in this section (page 38).

Troubleshooting

- It may be necessary to purchase a new battery. Please refer to the **Battery installation & charging** section of this user's manual (page 7).
- The telephone might be malfunctioning. Please refer to the **Limited warranty** section of this user's manual (page 49) for further instruction.

The **CHARGE** light is off.

- Clean the metallic charging contacts on the cordless handset each month using a pencil eraser or a dry non-abrasive fabric.



Metallic charging contacts

- 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 **Limited warranty** section of this user's manual for further instruction (page 49).

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

- Make sure the ringer is on. (page 22)
- Make sure the telephone line cord and power adapter are plugged in properly (page 6).
- 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).

Troubleshooting

- 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 and place the cordless handset in the telephone base.
- Wait for the cordless handset to synchronize with the telephone base. Allow up to one minute for this to take place.

My telephone 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.

CONNECTING... displays on my cordless handset.

- Ensure that the telephone base is powered up.
- Place the cordless handset in the 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 **CHARGE** light does not come on, refer to **The CHARGE light is off** section in this troubleshooting guide (page 38).
 - Reset the telephone base. Unplug the telephone base'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.

Troubleshooting

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

There is noise or interference during a telephone conversation.

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

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

- 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.
- If you have a headset plugged into the handset, try unplugging it and firmly plugging it in again.
- 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. Try 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).
- Other cordless telephones 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 telephones and your router by:
 - a. Positioning your new telephone as far away from any other already installed cordless telephone in your home as possible. This will hinder the interference of the two systems with one another.
 - 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 manual for more information).
- 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 telephone base and the telephone line jack. Contact your DSL service provider for filter information.

Troubleshooting

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 telephone base and the telephone line jack. Contact your DSL service provider for filter information.

Common cure for electronic equipment.

- If the telephone is not responding normally, try 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 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. 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.



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.

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 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.**
- **Power adapter:** The power adapter 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.
- **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.



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.

Important safety instructions

- **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-metal hydride 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 hydride Batteries.

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 & 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 & 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 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 call 1(800) 222-3111 or visit www.telephones.att.com. 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.

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.

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 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
- 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, call 1 (800) 222-3111. In Canada, please 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.

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 original sales receipt as proof of purchase.

Technical specifications

RF frequency band (handset to base)	2400 MHz — 2483.5 MHz
RF frequency band (base to handset)	2400 MHz -- 2483.5 MHz
Channels	95
Operating temperature	32°F — 122°F 0°C — 50°C
Telephone base voltage (AC adapter input)	AC117V 60Hz
Telephone base voltage (AC adapter output)	DC9V 400mA
Handset voltage	3.6V 600mAh Ni-MH battery
Charger voltage (AC adapter output)	DC9V 150mA

Telephone operating range

This cordless telephone operates with the maximum power allowed by the Federal Communications Commission (FCC). Even so, the handset(s) and telephone base can communicate over only a certain distance - which can vary with the locations of the telephone base and handset(s), the weather, the layout, and the construction of your home or office.

2.4 GHz digital spread spectrum frequency hopping technology

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

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