



User's manual

5.8 GHz Cordless Telephone/Answering System E5945B

with Caller ID & Call Waiting



Congratulations on your purchase
of this AT&T product.

Before using this telephone system, **you must
read Important safety instructions
on pages 45 to 47 of this manual.**

NEED HELP?

Our representatives are here
to help you with any questions concerning the
operation of this product, available accessories,
or any other related issues.

Call toll free

1 (800) 222-3111

In Canada, call

1 (866) 288-4268

or visit our website at
www.telephones.att.com

Model no.: AT&T E5945B

Product name: 5.8 GHz cordless telephone/answering system

Serial no.: _____

(found on the bottom of the telephone base)

Purchase date: _____

Place of purchase: _____

IMPORTANT

Information about caller ID with call waiting

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

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

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

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

You can use this product with regular caller ID service, and you can use this product's other features without subscribing to either caller ID or combined caller ID with call waiting service.

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

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

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 web site at

www.telephones.att.com

or call 1 (800) 222-3111.

In Canada, call 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 replacement battery 3301 (SKU 91076. Part number 80-5071-00-00).
- 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.

5.8 GHz Cordless Telephone/Answering System E5945B

with caller ID & call waiting



Table of contents

Getting started

Quick reference guide.....	2
Parts checklist	4
Before you begin.....	5
Telephone base installation.....	6
Battery installation & charging.....	7
Wall mounting.....	8
Belt clip & optional headset.....	9

Telephone operation

Cordless handset programming	10
Basic cordless handset operation ..	12
Base operation	13
Options while on calls.....	14
Call transfer	15

Directory

Directory.....	16
Speed dial	17
Entering names into directory.....	19
Entering numbers into directory ...	20
Directory search.....	21
Changing directory entries.....	22

Caller ID operation

How caller ID works	23
About names	24
Review call log.....	25

Dial from the call log	26
Delete call log entries.....	27
Add entries to the directory	28

Answering system operation

Message capacity.....	29
Day and time announcements	30
Outgoing announcements.....	31
Changing feature options.....	32
Message playback	33
Recording and playing memos	34
Message window displays.....	35
Remote access	36

Appendix

Display screen messages, lights and tones	37
Troubleshooting.....	39
Important safety instructions.....	45
FCC part 68 and ACTA	48
FCC part 15	49
Limited warranty	50
Technical specifications.....	53
Index.....	54
Remote access wallet card.....	55

Quick reference guide

Cordless handset

PHONE/FLASH

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

CID

While in menus, press to scroll down.
When the telephone is not in use, press to display call log entries (see page 25).
While entering names or numbers, press to delete last character entered.
During a call, press **CID** to lower listening volume.

DIR

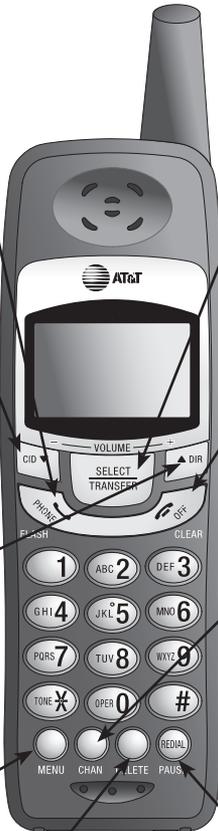
While in menus, press to scroll up.
When the telephone is not in use, press to display directory entries (see page 21).
While entering names or numbers, press to advance the cursor to the next space.
During a call, press **DIR** to increase listening volume.

MENU

Press to display menu (see page 10-11).

DELETE

When the telephone is in **CID** mode, press either the **CHAN** or **DELETE** button to delete the displayed caller ID entry (see page 27), or press and hold the **CHAN** or **DELETE** button to delete all caller ID entries (page 27).



SELECT/TRANSFER

Press to store a programming option (see page 10-11).
During a call, press to transfer a call between cordless handsets (see page 15).

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. (see pages 10-11).

CHAN

When the telephone is off the hook, for example, when on a call, pressing the **CHAN** or **DELETE** button causes the telephone to scan for a clearer channel when there is static or interference on the line (see page 14).

REDIAL/PAUSE

While the telephone is idle, press to display the last number called (see page 12).

While dialing or entering numbers into the directory, press to insert a four-second dialing pause (see page 20).

Quick reference guide

Telephone base



CHARGE/IN USE

Flashes when one of the cordless handsets is in use.
On steady when the cordless handset is properly positioned to be charged in the telephone base.
Flashes when there is an incoming call.

HANSET LOCATOR

Press to page the cordless handsets if none of the handsets are in the telephone base. Press again to cancel the page. Press **OFF/CLEAR** on cordless handset, or place cordless handset in the telephone base or charger to cancel the page on that handset only; all other handsets will still be paged.

Answering system controls (see pages 29-36)



Press to play or stop playing messages.

- ANSWER ON Press to turn answering system on or off.
- CLOCK Press to review or set the answering system clock.
- SETUP Press repeatedly to listen to the setup options.
- ANNC Press to review or record announcement. Press again to quit.
- RECORD Press to record a memo or after pressing ANNC to record an outgoing announcement.
- DELETE Press to delete a message during playback. Press and hold to delete all old messages when idle.
- REPEAT Press to repeat message. Press twice to play previous message.
- SKIP Press to skip message.

Parts checklist

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



Telephone base



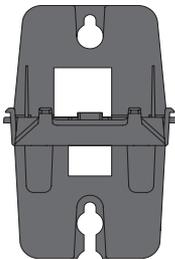
Cordless handsets



Power adapters



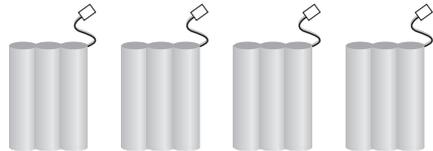
Cordless handset chargers



Wall mount bracket



Belt clips



Batteries



Telephone line cord



Battery compartment doors

Before you begin

Caller ID and call waiting

The caller ID with call waiting features in this telephone let you see who's calling before answering the telephone, even when on another call. These features require services provided by your local telephone company.

Contact your telephone service provider if:

- you have both caller ID and call waiting, but as separate services (you may need combined service),
- you have only caller ID service, or only call waiting service, or
- you currently do not have any caller ID or call waiting services.

You can use this telephone with regular caller ID service, and you can use its other features without subscribing to either caller ID or combined caller ID with call waiting service. There may be fees for these services, and they may not be available in all areas.

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.

See **Caller ID operation** on page 23 for more details about how these features work.

Batteries for cordless handset

Use only the supplied rechargeable batteries or AT&T replacement battery model 3301 (SKU 91076. Part number 80-5071-00-00).

Telephone operating range

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

If there is an incoming call but the cordless handset is out of range, the cordless handset might not ring - or if it does ring, the call might not connect well when **PHONE/FLASH** is pressed. Move closer to the telephone base, then press **PHONE/FLASH** to answer the call.

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

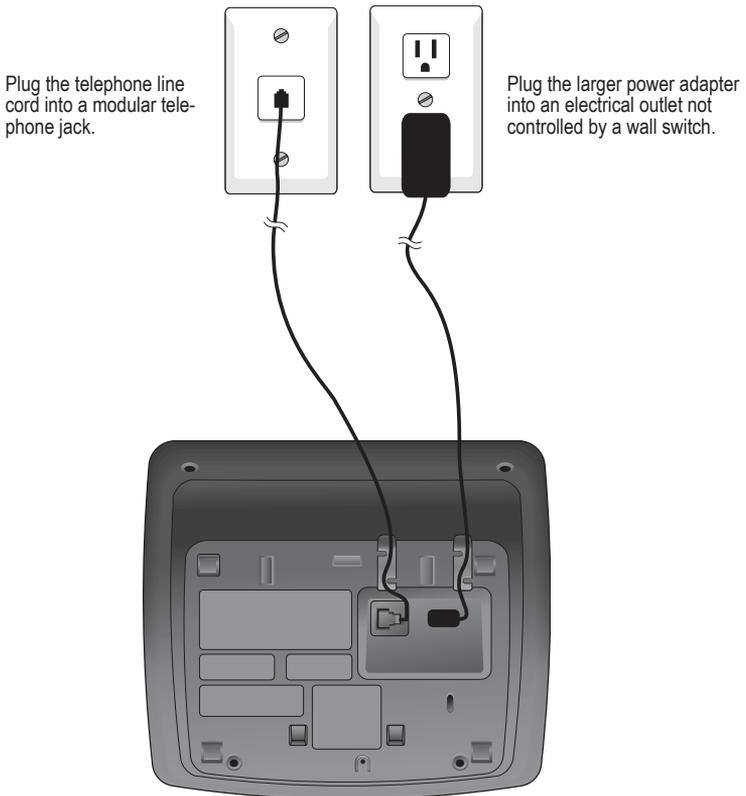
If you move out of range without pressing **OFF/CLEAR**, your telephone will be left off the hook and the line will be busy. To hang up properly, walk back toward the telephone base while periodically pressing **OFF/CLEAR** until the call is disconnected.

If you experience noise or interference while on a call, press the **CHAN** button until a clearer channel is selected.

Telephone base installation

Install the telephone base as shown below. Choose a location within the home:

- away from any other cordless (wireless) device such as cordless telephones, 802.11 wireless router (for example, WiFi), and
- away from other electronic equipment, microwave oven, television, computer, etc. Avoid excessive heat, cold, dust, and moisture.
- If you need to install your telephone within the same room as other cordless telephones or wireless products, you may need to select a different channel for your router and or change the channel on your telephone handsets (see page 14).



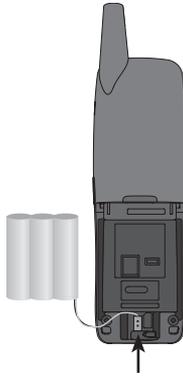
NOTES:

1. Use only the power adapter supplied with this product. If you need a replacement, call 1 (800) 222-3111. In Canada, call 1 (866) 288-4268.
2. Be sure to use an electrical outlet not controlled by a wall switch.

Battery installation & charging



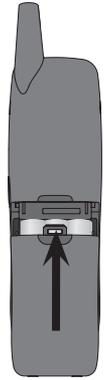
Press in and downward on the tab to open the battery compartment cover.



Plug the battery connector into the handset battery compartment, matching the color coded label.



Place the battery and wires in the compartment.



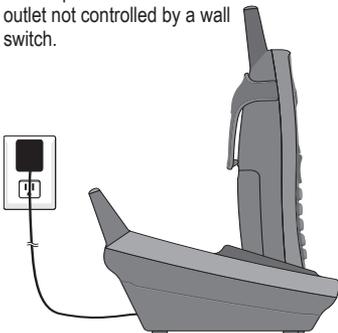
Slide the battery compartment cover up until it clicks into place.

After battery installation, place the cordless handset in the telephone base or charger and allow to charge for at least 16 hours before use. You can keep the battery charged by returning the cordless handset to the telephone base or charger after each use. When the battery is fully depleted, a recharge takes about 16 hours. The talk time on a fully charged battery is about five hours depending on environmental conditions, and the standby time is approximately five days. Actual battery life will depend on the usage conditions, and the age of the battery.



Caution: Use only the supplied rechargeable battery or AT&T replacement battery model 3301 (SKU 91076, part number 80-5071-00-00).

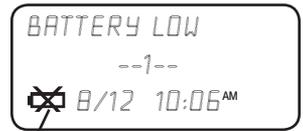
Plug charger power adapter into the jack on the underside of the charger, then plug the adapter into an electrical outlet not controlled by a wall switch.



Place the cordless handset in the telephone base or charger to charge for at least 16 hours before first use.



Return cordless handset to the telephone base or charger to recharge when this symbol appears. (When in use the cordless handset will beep when battery is low).



Low battery indicator. Off hook mode.

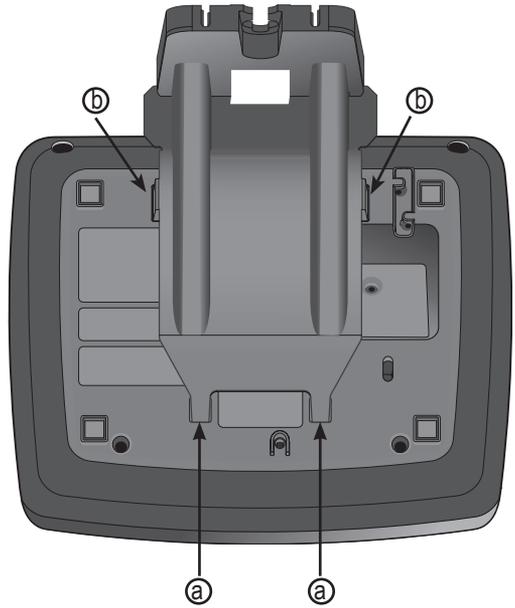


Low battery indicator. Idle mode.

Wall mounting

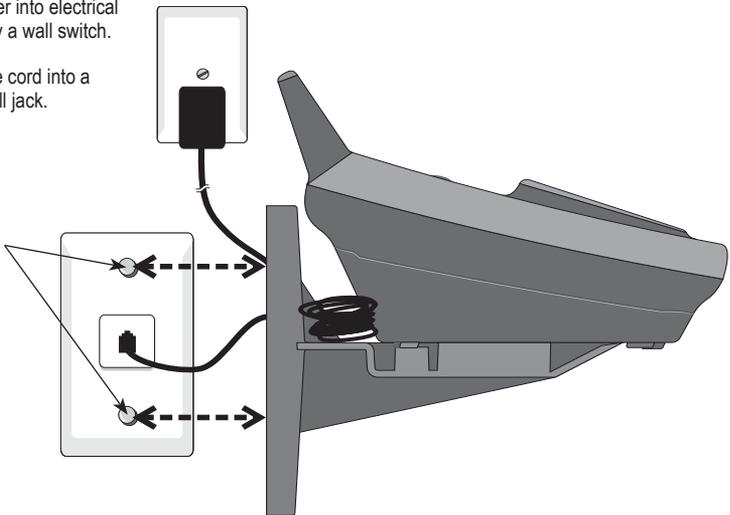
The telephone base can be installed on any standard telephone outlet as shown below. Choose a location away from electronic equipment such as personal computers, computer routers, television sets or microwave ovens. Avoid excessive heat, cold, dust or moisture.

- 1) Connect the telephone line cord and the power adapter to the telephone jack at the bottom of the telephone base and the modular telephone wall jack, as shown on page 6.
- 2) Install the wall mount bracket onto the telephone base. First put the two front wall mount bracket tabs into the front notches (a) on the bottom of the telephone base, then squeeze the rear tabs of the wall mount bracket when inserting them into the rear notches (b) on the bottom of the telephone base.

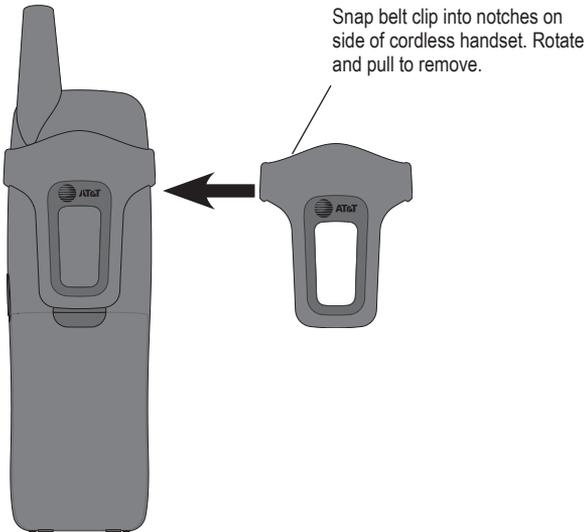


i **NOTE:** To disassemble the wall mount bracket, squeeze the rear notches (b) while lifting up the wall mount bracket back and away from the telephone base.

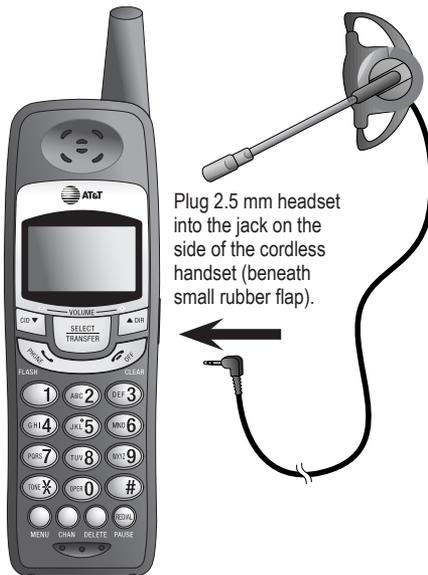
- 3) Plug the power adapter into electrical outlet not controlled by a wall switch.
- 4) Plug the telephone line cord into a modular telephone wall jack.
- 5) Position the wall mount bracket over the wall outlet mounting pegs. Press and slide the wall mount bracket down firmly so it is held securely on the outlet mounting pegs.



Belt clip & optional headset



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.



Cordless handset programming

Each cordless handset operates as an individual unit. The ringer sound, ringer volume, date/time, dial mode and language must be programmed separately for each cordless handset. Follow the steps below to program the cordless handset. To stop at any time, press **OFF/CLEAR**.

Choose cordless handset ringer sound

1. Press **MENU** to begin programming.
2. Press **CID** or **DIR** until the screen displays **RINGER:** and the current setting.
3. Press **SELECT/TRANSFER** to change the current setting.
4. Press **CID** or **DIR** to display 1, 2, 3, 4 or OFF. There will be a sample of each ringer tone.
5. Press **SELECT/TRANSFER** to choose the displayed ringer tone and exit.

i **NOTE:** If you choose OFF, the cordless handset ringer will be turned off, and the screen will display RINGER OFF when the cordless handset is idle (not in use). If there are any un-reviewed calls, the screen will display XX MISSED CALLS instead of RINGER OFF.

Set cordless handset display date and time

1. Press **MENU** to begin programming.
2. Press **CID** or **DIR** until the screen displays **DATE/TIME**.
3. Press **SELECT/TRANSFER** to view or change date and time.
4. Press **CID** or **DIR** to change the month in the date and time line at the bottom of the display, then press **SELECT/TRANSFER**.
5. Repeat step 4 to set day, hour, minute, and AM/PM.
6. Press **SELECT/TRANSFER** to save selection and exit.



i **NOTE:** You can choose to set the time manually, or you can allow it to be set automatically with incoming caller ID information. The time will be set automatically only if you subscribe to the caller ID service provided by your local telephone company (see page 5). The date and time for the answering machine need to be set separately (see page 29).

Cordless handset programming

Choose dial mode

The dial mode defaults to TONE. If you do not have touch tone service, you will need to change the setting to PULSE by following these steps:

1. Press **MENU**.
2. Press **CID**  or **DIR**  until the screen displays *DIAL MODE*: and the current setting.
3. Press **SELECT/TRANSFER** to change the current setting.
4. Press **CID**  or **DIR**  to display TONE or PULSE.
5. Press **SELECT/TRANSFER** to choose displayed dial mode and exit.

DIAL MODE: TONE

Choose cordless handset display language

The default language for the handset screen displays is English. To change the language to Spanish (Español), or French (Français), follow these steps:

1. Press **MENU**.
2. Press **CID**  or **DIR**  until the screen displays *LANGUAGE*.
3. Press **SELECT/TRANSFER** to change the current setting.
4. Press **CID**  or **DIR**  to choose between ENGLISH, FRANCAIS, or ESPANOL.
5. Press **SELECT/TRANSFER** to choose display language and exit.

LANGUAGE

Choose ringer volume setting

1. Press and hold **CID**  or **DIR**  when the cordless handset is idle (not in use). The screen will display OFF LOW HIGH.
2. Press **CID**  or **DIR**  to highlight the desired option (blinking text). There will be a sample of each ringer volume.
3. Press **SELECT/TRANSFER** to choose the blinking ringer volume and exit.

OFF LOW HIGH



NOTE: If you choose OFF, the cordless handset ringer will be turned off, and the screen will display RINGER OFF when the cordless handset is idle (not in use). If there are any un-reviewed calls, the screen will display XX MISSED CALLS instead of RINGER OFF.

Basic cordless handset operation



i **NOTE:** Only one cordless handset can be on a call at a time. If another cordless handset attempts to join a call, its screen will display **OTHER HANDSET ON** and then **OR OUT OF RANGE**.



i **NOTE:** Pressing **CID** or **DIR** while the telephone is ringing can temporarily adjust the ringer volume (OFF LOW HIGH). The next telephone call will ring normally.

Making and answering calls

To answer an incoming call, press **PHONE/FLASH** (or any key except **OFF/CLEAR**, **CID** or **DIR**). To make a call, press **PHONE/FLASH**, then dial a number. Press **OFF/CLEAR** or place the cordless handset back in the base or charger to hang up.

To preview numbers before dialing, enter numbers first, then press **PHONE/FLASH** to dial. Press **CID** anytime to make corrections when entering numbers.

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

i **NOTES:**

1. The elapsed time format is in minutes and seconds **MM:SS** until one hour has elapsed, then it will change to hours, minutes and seconds **H:MM:SS**.
2. Pressing **PHONE/FLASH** to access service from your local telephone service provider will not affect the elapsed time. The elapsed time will not be carried over to the other cordless handset on a transferred call.

Last number redial

While the telephone is not in use, press **REDIAL/PAUSE** on the cordless handset to display the last number called (up to 32 digits). To dial the number displayed, press **PHONE/FLASH**. Or, after pressing **PHONE/FLASH**, press **REDIAL/PAUSE** to call the last number dialed.

To delete this number, press **REDIAL/PAUSE** twice when the telephone is not in use. This will clear the redial memory and leave it blank.

Temporary ringer silencing

Press **OFF/CLEAR** while the telephone is ringing to temporarily turn off the ringer. The next telephone call will ring normally. You can answer the call or let the caller leave a message. This will silence the ringer without disconnecting the call. If the answering system is on, the caller will be asked to leave a message.

Options while on calls

Volume control

While on a call, press the **CID**  and **DIR**  buttons on the cordless handset to adjust the listening volume.

Call waiting

If you have subscribed to call waiting service from the local telephone service provider, there will be a beep if someone calls while you are already on a call. The telephone number of the new incoming call will also be displayed on the screen. Press **PHONE/FLASH** to put your current call on hold and answer the new call. You can press this button anytime to switch back and forth between calls.

Temporary tone dialing

If you have pulse dial (rotary) service, you can temporarily switch to touch tone dialing during a call by pressing **TONE/***. This can be useful if it is necessary to send tone signals to access the answering systems or long-distant services. After hanging up or pressing **PHONE/FLASH**, the telephone automatically returns to pulse dial (rotary) service.

Channel selection

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



Call transfer

Call transfer



During a conversation, you can transfer the call to another cordless handset.

- Press **SELECT/TRANSFER** to transfer the external call to another cordless handset. You will see ENTER 1-4. After entering the destination handset number, the cordless handset will display CALL TRANSFERRED and the selected handset will begin ringing.
- To answer the call, press **PHONE/FLASH**.



NOTES:

1. Before the transferred call is answered, the person at the originating handset can press **PHONE/FLASH** to cancel the transfer and resume the external call.
2. If the transferred call is not answered within 30 seconds, the originating handset will start ringing and show TRANSFERRED CALL. If **PHONE/FLASH** is not pressed within another 30 seconds, the external call will end automatically.
3. If the destination cordless handset cannot be found, the originating cordless handset will generate an error tone and continue the external call automatically.
4. This unit does not have an intercom function. People using the cordless handsets cannot talk to each other.

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. A convenient search feature can help find and dial numbers quickly (see page 21).



NOTES:

1. Each cordless handset has its own directory. Making changes to the directory of one handset will not affect the directories of the other handsets.
2. If all memory locations are in use, an error tone will sound with MEMORY FULL message when entering a number. This means the memory is full, and you will not be able to store a new number until an existing one is deleted.





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

Directory

Speed dial

On the cordless handset, the numbers called most frequently can be stored in speed dial locations 1-9 and dialed with only two button presses.

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 telephone numbers by pressing and holding a dialpad key and then pressing

 **PHONE/FLASH.**

You can also convert existing directory entries into speed dial entries.



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 or speed dial entries can be stored in memory until some of the existing ones are deleted.

Speed dial

1. MENU



2. DIR



3. SELECT/TRANSFER



4.



(See pages 19-20).

 **NOTE:** You can convert any directory entry into a speed dial entry (see page 22).

To enter a speed dial number

1. Press **MENU**.
2. Press  **DIR** to display *SPEED DIAL*.
3. Press **SELECT/TRANSFER**.
4. Press dial pad to choose speed dial location (1-9).
5. Enter a name up to 15 characters (see page 19), then press **SELECT/TRANSFER**.
6. Enter a telephone number up to 24 digits (see page 20), then press **SELECT/TRANSFER**.
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 **SELECT/TRANSFER** to store the number. There will be 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** to dial.

To edit or delete a speed dial number

Press and hold a dial pad button (1-9) to display the desired entry. Press **SELECT/TRANSFER**, then press **CID**  or  **DIR** until the desired option is displayed (see page 22).



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

1. MENU



2. SELECT/TRANSFER



3.



Directory

Entering names into directory

To enter a name

- Press **MENU**.
- Press **SELECT/TRANSFER** to confirm.
- The screen will show ENTER NAME.
- Using the table below, enter the name (up to 15 alphanumeric characters) of the person.
- Use **DIR** to advance to the next space to the right, or use **cid** to delete a mistake.
- When finished entering the name, press **SELECT/TRANSFER**.

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.
- Press repeatedly to enter an ampersand (&), apostrophe ('), comma (,) hyphen (-), period (.), or pound sign (#).

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

Entering numbers into directory

To enter a number

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

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 **SELECT/TRANSFER** 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 ring tone will sound when this person calls.

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

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

4. **SELECT/TRANSFER**

ENTER NUMBER

5.



PAT JOHNSON
5556789_

6. **SELECT/TRANSFER**

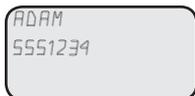
DISTINCT RING? N
5556789

7. **SELECT/TRANSFER**

1.  **DIR**



2.   **DIR**



To display first entry

  **DIR**



To scroll name by name

-OR-



To search alphabetically

Directory

Directory search

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 20).



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

To search alphabetically

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

Press dial pad buttons once for the first letter, twice for the second, three times for the third, as shown on page 19.

For example, press **5 (JKL)** once to find JENNIFER, twice to find KEVIN, or three times to find LINDA.

To call a displayed number

When the desired entry is displayed, press  **PHONE/FLASH** to dial it immediately.

Changing directory entries

1. **DIR**

DIRECTORY

2. **DIR**

ADAM
5551234

3. **SELECT/TRANSFER**

SPEED EDIT ERASE
5551234



SPEED EDIT ERASE
5551234



SPEED EDIT ERASE
5551234

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

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

To edit an entry

When *EDIT* is blinking, press **SELECT/TRANSFER**. 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 **SELECT/TRANSFER** to display a confirmation screen (*ERASE NO YES*).

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

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



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

To make an entry into a speed dial entry

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



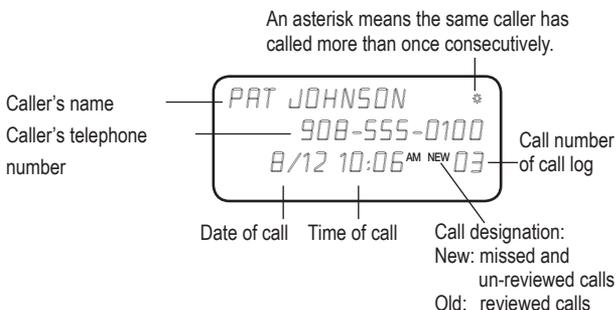
NOTE: If you use a memory location that is already assigned to a different entry in the directory, that entry will remain in the directory, but will no longer be a speed dial number.



Caller ID operation

How caller ID works

If you subscribe to the caller ID service provided by your local telephone company, information about each caller will be displayed between the first and second ring.



Separate caller ID logs are kept in the cordless handsets. Information about the last 30 incoming calls is stored in the call log. You can review the call log to find out who has called, return the call without dialing, or transfer the caller's name and number into the telephone directory.

Each incoming call is numbered. The most recent call is assigned the highest number. When the call log is full, the oldest call information 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.



NOTES:

1. 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.
2. Each cordless handset's call log is independent of the other cordless handset's call logs. For example, when you delete one or all call log entries from one cordless handset, the information on all other cordless handsets does not change.



Caller ID operation

About names

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

If the telephone number of the person calling matches a number in your directory, the name that appears on the screen will match the name entered into the directory.

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



NOTE: The number shown by your caller ID will be in the format sent by the telephone company. The telephone company usually delivers 10-digit telephone numbers (area code plus telephone number). If the telephone number of the person calling does not match a number in the 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.

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 are 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.



NOTE: While the cordless handset is idle, press and hold **OFF/CLEAR** for four seconds, the number of missed calls shown on the message counter of this cordless handset will be reset to 0 and the **XX MISSED CALLS** message will be cleared.

Missed calls

When a handset is not being used, its screen will show the number of missed calls and the current date and time. **XX MISSED CALLS** are calls that have not been reviewed at that handset. When a **NEW** call log entry is reviewed, the number of missed calls at that handset decreases by one. The number of **MISSED CALLS** on the other cordless handset(s) remains unchanged until they are reviewed on those cordless handsets.

Review 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 telephone is not in use, press **▼CID** to display information about the most recent caller.

1. **CID**

PAT JOHNSON
908-555-0100
8/12 10:06 AM NEW 03

2. **CID**

CHRIS WILLIAMS
908-555-1234
8/12 9:53 AM NEW 02

3. **CID**

MARK CLAYTON
908-555-5678
8/12 9:12 AM NEW 01

4. **PHONE/FLASH**

PHONE ON 00:10
9085555678

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.

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.

To return a call

Press **PHONE/FLASH** to call the number currently displayed (see page 26 for important dialing options).

Other options

Press **SELECT/TRANSFER** at any caller ID screen to see options (dial or program; see pages 26-28).

New and old calls

Each caller ID entry in the call log will be designated **NEW** until it has been reviewed. After a call has been reviewed, it will be designated as **OLD**.

Dial from the call log

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

1.  **CID**

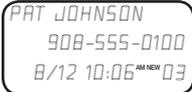


2.  **PHONE/FLASH**



-OR-

1.  **CID**



2.  **#**



3.  **PHONE/FLASH**



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** 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.....Dials 555-0100

Delete call log entries

To delete a single call log entry

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

To delete all call log entries

To clear the call log completely, press and hold **DELETE** while the telephone 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 the 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.

1. **CID**

PAT JOHNSON
908-555-0100
8/12 10:06 AM NEW 03

2. **CID**

CHRIS WILLIAMS
908-555-1234
8/12 9:53 AM NEW 02

3. **DELETE**

MARK CLAYTON
908-555-5678
8/12 9:12 AM NEW 01

-OR-

27 MISSED CALLS
--1--
1/01 12:00 AM

1. **DELETE**

ERASE ALL NO YES

2. **DIR**

ERASE ALL NO YES

3. **SELECT/TRANSFER**

--1--
1/01 12:00 AM

Call log cleared

Add entries to the directory

1.  **CID**

PAT JOHNSON
908-555-0100
8/12 10:06 AM NEW 03

2.  **SELECT/TRANSFER**

DIAL PROGRAM
908-555-0100
8/12 10:06 AM NEW 03

3.  **SELECT/TRANSFER**

PAT JOHNSON
9085550100
8/12 10:06 AM NEW 03

Edit name as desired

4.  **SELECT/TRANSFER**

PAT JOHNSON
9085550100_
8/12 10:06 AM NEW 03

Edit number as desired

5.  **SELECT/TRANSFER**

DISTINCT RING? N
9085550100
8/12 10:06 AM NEW 03

6.  **SELECT/TRANSFER**

PAT JOHNSON
908-555-0100
8/12 10:06 AM NEW 03

Entry added to telephone directory

When any caller ID screen is displayed, follow the steps on the left to enter it into the telephone directory.

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 19-20 for instructions).

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

Answering system operation

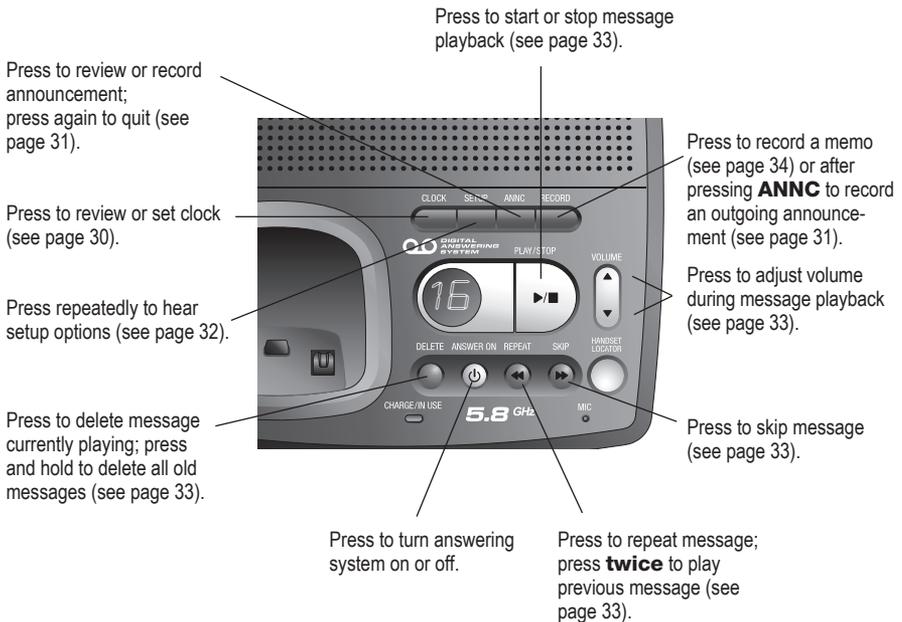
Message capacity

The answering system can record up to 96 messages, depending on the length of each message. Individual messages can be up to four minutes long, and the total maximum recording time is 15 minutes. Messages will remain available for replay until they are deleted.



Message window

Number of messages waiting (or during playback, message number currently playing)



Day and time announcements

To set day and time

Before playing each message, the answering system announces the day and time the message was received.

Before using the answering system, follow the steps on the left to set the day, time and year, so messages are dated correctly. If you subscribe to caller ID service, the day and time will be set automatically, in which case you only need to set the year. If the clock is not set, before playing messages, the system will prompt **"Time and date not set"** each time.

The system uses voice prompts to guide you. Each time you press **SKIP** or **REPEAT**, the day, hour, minute or year increases or decreases by one. When you hear the correct setting, press **CLOCK** to move to the next setting.

To check day and time

You can press **CLOCK** anytime to hear the current day and time without changing them.



NOTES:

1. Press and hold **SKIP** or **REPEAT** to increase or decrease the minute or year by 10 (the year can be set from 2000 to 2039).
2. Caller ID provides the time and date. Set the year so that the day of the week can be calculated from the caller ID information. After setting the time once, it will thereafter be set automatically with incoming caller ID information. The time will be set automatically only if you subscribe to the caller ID service provided by your local telephone company (see page 5).



1. Press **CLOCK**

The system announces the current clock setting, then announces **"To set the clock, press CLOCK."**

2. Press **CLOCK**

The system will announce the current day setting, then announces "To change the day, press **SKIP** or **REPEAT**, to change the hour, press **CLOCK**."

3. Press **SKIP** or **REPEAT**

until the system announces the correct day, then press **CLOCK**.

4. Press **SKIP** or **REPEAT**

until the system announces the correct hour, then press **CLOCK**.

5. Press **SKIP** or **REPEAT**

until the system announces the correct minutes, then press **CLOCK**.

6. Press **SKIP** or **REPEAT**

until the system announces the correct year, then press **CLOCK**. The system announces the current clock setting.



Elapsed recording time (in seconds). Press to stop recording.

1. ANNC

"Announcement. Press PLAY or press RECORD."

2. (PLAY/STOP)

(Plays announcement previously recorded).

-OR-

2. RECORD

"Record after the tone. Press STOP when you are done."

Speak into microphone.



Microphone

(PLAY/STOP)

(Announcement is played back).

3. ANNC

to exit announcement programming.

Answering system operation

Outgoing announcements

Outgoing announcements are the messages callers hear when calls are answered by the answering system.

The telephone is pre-programmed with an announcement. If the telephone is set up to record messages, it answers calls with "**Hello. Please leave a message after the tone.**" You can use this announcement, or replace it with a recording of your own.



NOTE: Press **ANNC** to exit the announcement programming.

To play your outgoing announcement

Press **ANNC**, and you will hear "**Announcement. Press PLAY or press RECORD.**" Then press **PLAY/STOP**. You will hear the outgoing announcement.

To record your outgoing announcement

Press **ANNC**, and you will hear "**Announcement. Press PLAY or press RECORD.**" Then press **RECORD** and begin speaking after you hear "**Record after the tone. Press STOP when you are done.**" Speak facing the telephone base from about nine inches away. Press **PLAY/STOP** when you are done. Your recorded announcement will be played back.

Elapsed time (in seconds) will be shown in the message window as you record. You can record an announcement up to 90 seconds long. Announcements shorter than three seconds long will not be recorded.

To delete your outgoing announcement

Press **ANNC**, and you will hear "**Announcement. Press PLAY or press RECORD.**" Then press **PLAY/STOP** to begin playback. Press **DELETE** during playback to delete your announcement.

When your announcement is deleted, calls will be answered with the pre-programmed announcement described above.



Answering system operation

Changing feature options

Setup features can be changed to program how the answering system operates. Press **SETUP** repeatedly to hear each feature. When you hear the feature you want to modify, press **SKIP ►►** or **REPEAT ◄◄** to change the setting.

1. **SETUP**

Press until the desired feature is heard (see list on right).

2. **SKIP ►►** or **REPEAT ◄◄**

Press until the desired selection is heard.

3. **SETUP**

Press to set selection and *move* to next setup option.

-OR-



Press to set selection and *exit* setup.

Feature options

(Default settings underlined>)

System announces:

Feature description:

"Number of rings", current setting, then "To change the setting, press **SKIP** or **REPEAT**; to continue setup, press **SETUP**".
Options: 2 / 4 / 6 / toll saver

Choose the number of rings before the system answers a call. When toll saver is active, the system answers after two rings if there are new messages, and after four rings if there are no new messages. When retrieving messages from a long-distant call, you may disconnect the call after three rings so that long-distant charges will not be charged.

"Base ringer", current setting, then "To change the setting press **SKIP** or **REPEAT**; to continue setup, press **SETUP**".
Options: off / low / high

Choose this option to turn the base ringer volume off, low or high (does not affect cordless handset)

"Remote access code", current setting, then "To change the setting press **SKIP** or **REPEAT**; to continue setup, press **SETUP**".
Options: (enter two-digit code) 19

Enter a two-digit number (10-99) for remote access from another telephone (see page 36).



NOTE: Press and hold **SKIP ►►** or **REPEAT ◄◄** to increase or decrease the remote access code number by 10.

"Message alert tone", current setting, then "To change the setting press **SKIP** or **REPEAT**; to continue setup, press **SETUP**".
Options: on / off

When on, the telephone beeps every 10 seconds when there are new messages.

Number of messages waiting (or during playback, message number currently playing).



Press **PLAY/STOP** to begin or end message playback.

1.  **PLAY/STOP**

 *"You have [xx] new messages and [xx] old messages"*

Message playback begins. See options on the right.

2.  **PLAY/STOP**

Message playback ends.



NOTE: If **F** is flashing in the message window, the memory is full. You will have to delete some messages before new ones can be received.



NOTE: New (unheard) messages cannot be deleted.

Answering system operation

Message playback

Press **PLAY/STOP** to listen to messages. The system announces the number of messages, then begins playback.

If there are have new messages waiting, only the new messages (oldest first) will be played back. If there are no new messages, the system will play back all messages (oldest first).

Announcements

- When playback begins, you will hear the total number of messages.
- Before each message, the day and time the message was received will be announced.
- After the last message, you will hear **"End of messages."** If the system has less than five minutes of recording time left, the time remaining will also be announced.

Options during playback

- Press **VOLUME**  button to adjust speaker volume.
- Press **SKIP**  to skip to next message.
- Press **REPEAT**  to repeat message currently playing. Press twice to listen to the previous message.
- Press **DELETE** to delete message being played back.
- Press **PLAY/STOP** to stop playback.

To delete all messages

To delete all old messages, press and hold **DELETE** while the telephone is idle (not during a call, or during message playback).

Recording and playing memos

Memos are messages you record yourself. They are saved, played back and deleted exactly like incoming messages. You can record a memo as a reminder to yourself, or leave a message for someone else if other members of your household use the same answering system.



Elapsed recording time (in seconds).

Press to stop recording.

1. **RECORD**



*"Record after the tone. Press **STOP** when you are done."*

2. Speak into microphone.



Microphone

3. (PLAY/STOP)



Beep
(Memo has been recorded).

To record a memo

Press **RECORD**. Elapsed time (in seconds) is shown in the message window when recording. You can record a memo up to four minutes. Memos shorter than one second long will not be recorded.

Press  **PLAY/STOP** to stop recording.

To play back a memo

Press  **PLAY/STOP** to listen to messages and memos (see page 33 for other options).



Message window

Answering system operation

Message window displays

The message counter usually displays the total number of memos and incoming messages. See the list below for explanations of other displays in this counter.

Message counter displays

0	No messages.
1-96	Total number of messages/memos (flashes if there are unheard messages), or message number currently playing (flashes while unheard messages playing).
1-99 (counting)	Elapsed time while recording a memo (see page 34) or announcement up to 90 seconds (page 31).
99 (flashing)	Memo recording exceeded maximum time of 99 seconds.
10-99	Current remote access code while setting (see page 32).
1-8	Current volume level while adjusting.
--	System is answering a call, being accessed remotely, or the clock is being programmed.
-- (flashing)	System is being programmed or initialized.
0n (or) 0F	Displayed for one second when message alert tone setting is turned on or off.
02, 04, 06, 85	Current number of rings while setting (see page 32).
0F, L0, H1	Current base ringer volume while setting (see page 32).

1. Dial your telephone number from any touch tone phone.
2. When system answers, enter your two-digit remote access code (19 unless you have changed it).
3. Enter remote commands (see list at right).
4. Hang up to end call and save all undeleted messages.

Answering system operation

Remote access

Use the remote access feature to check your messages while you are away by calling your home phone number from any touch tone phone outside of your home. When the answering system picks up, simply enter a two digit security code to access your answering system, then enter remote commands to access your messages. This security code is set at 19 by default; see page 32 to change it.

Play all messages



Press to hear all messages.

Play new messages



Press to hear new messages.

Delete the message



Press during playback to delete current message. Press 3 twice to delete all old messages when the message is not playing.

Repeat or go back



Press during the caller's message to repeat the message. Press during the beginning of the day and time announcement to go back to the previous message.

Stop



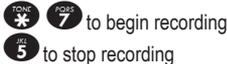
Press to stop any operation (stop playback, stop recording).

Skip to next message



Press to skip current message and advance to next message.

Record announcement



Press *7, wait for beep, then begin speaking. Press 5 to stop recording and hear playback of new announcement.

Help menu



Press to hear list of features & commands.

Turn system off



Press to turn off answering system. Incoming calls will no longer be answered.

Turn system on



If off, system will answer after 10 rings. Enter your access code, then press 0 to turn on.

Exit



Press 8 to end remote access call or hang up.



NOTE: If you pause for more than 4 seconds during remote access, you will hear a help menu listing all features & commands. If there is no command for another 20 seconds, the call will end automatically.

Display screen messages, lights and tones



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>OTHERHANDSET ON</i> and then <i>OR OUT OF RANGE</i>	Another cordless handset is on a call. Or cordless handset cannot communicate with the telephone base. Check telephone base power, or move closer.
<i>XX MISSED CALLS</i>	There are missed and un-reviewed calls in your call log.
<i>CALL TRANSFERRED</i>	The call has been transferred to the designated handset.
<i>TRANSFERRED CALL</i>	This is a transferred call from one of the other handsets.
<i>ENTER 1-9</i>	Select a destination handset to transfer this call.
<i>RINGER OFF</i>	The ringer on this handset has been turned off. This handset will not ring when there is an incoming call.

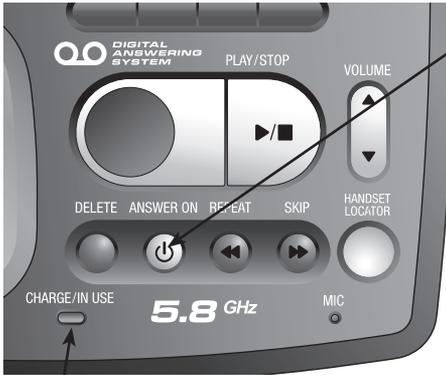
Display screen messages, lights and tones



Alert tones

	"Beep-Beep...Beep-Beep..." (Double beep every 5 seconds)	Cordless handset battery is low. Place cordless handset in the telephone base to charge the battery.
	"Beep-Beep-Beep-Beep-Beep" (5 quick beeps)	Error tone (current operation has been unsuccessful; try again).
	"Beeeeeeeee" (1 long beep)	Confirmation tone (current operation has been successfully completed).
	"Beep" (One beep every 10 seconds)	Message Alert at the telephone base (you have new message).
	"Siren" (Alternating tones)	Handset is being paged.

Indicator lights



ANSWER ON

On when answering system is on and ready to receive calls.

CHARGE/IN USE

Flashes when one of the cordless handsets is in use.
On when handset is positioned so its battery can be charged.
Flashes during an incoming call's ringing.



CHARGE

On when handset is positioned so its battery can be charged.

Troubleshooting

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

My phone doesn't work at all.

- Make sure the power cord is securely plugged in.
- Make sure that the battery wire is securely plugged into the cordless handset.
- Make sure the telephone line cord is securely plugged into the telephone base and the telephone wall jack.
- Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to its charger when not in use.
- Reset the telephone base. Unplug the unit's electrical power. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to synchronize.
- It may be necessary to purchase a new battery. Please refer to page 7 of this user's manual.

I cannot get a dial tone.

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

I cannot dial out.

- First, try all the suggestions above.
- Make sure there is a dial tone before dialing. The cordless handset may take a second or two to synchronize with the telephone base and produce a dial tone. This is normal. Wait an extra second before dialing.
- Make sure the telephone is set to the correct dial mode for the type of service available (pulse or touch tone). Refer to the Installation section of this user's manual (page 11) 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 appliance may cause the telephone to not dial out properly. If you cannot eliminate the background noise, try muting the cordless handset before dialing, or dialing from another room in your home with less background noise.

Troubleshooting

My cordless handset beeps five times and isn't performing normally.

- Make sure the power cord is securely plugged into the telephone base. Plug the unit into a different, working electrical outlet not controlled by a wall switch.
- Move the cordless handset closer to the telephone base. It might have moved out of range.
- Reset the telephone base. Unplug its electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and the telephone base to reset.
- Other electronic products can cause interference to your cordless telephone. Try installing the telephone as far away from these types of electronic devices as possible: wireless routers, radios, radio towers, pager towers, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless telephones.

OTHER HANDSET ON (and then) OR OUT OF RANGE displays on my cordless handset.

- Only one handset can be used to make or answer a call anytime. If another handset attempts to do so, the screen will display OTHER HANDSET ON and then OR OUT OF RANGE. You might press **\PHONE/FLASH** again until no other handset is using the line. Use the call transfer feature (see page 15) to transfer a call to another system handset.
- Move the cordless handset closer to the telephone base. It might have moved out of range.
- 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 synchronize.
- If the cordless handset is in the telephone base or charger, and the charging light does not come on, refer to **the charge light is off** in this troubleshooting guide.
- Reset the telephone base. Unplug the unit's electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and the telephone base to reset.
- 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: wireless routers, radios, radio towers, page towers, cell phones, intercoms, room monitors, televisions, personal computers, kitchen appliances and cordless phones.

The batteries will not hold a charge.

- Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to its telephone base or charger when not in use.
- Ensure that the battery is properly installed and charged as described on page 7.
- Ensure that the telephone base and charger units are plugged into functioning power outlets.
- If the battery is old, it may be necessary to purchase a new one; see page 7.
- The telephone might be malfunctioning. Please refer to the Warranty section of this user's manual for further instruction.
- If the cordless handset is in its telephone base or charger and the charging light does not come on, refer to **The charge light is off** in this troubleshooting guide.

Troubleshooting

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

- Other cordless telephones and 802.11 wireless routers 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 as possible from any other existing cordless telephone system already installed in your home to avoid the two systems interfering with each other.
 - b. Positioning your telephone base as far as possible from your router, computer or any other computer devices.
 - c. Selecting channels 4 through 10 for your router (refer to your router's user manual for more information).
 - d. If you still have problems with the telephone or the router, make sure the handset is ON and press **CHAN** until the performance improves.
- Press the **CHAN** button while on a call until the interference has been eliminated.
- Other electronic products can cause interference to your cordless telephone. Try installing your telephone as far away from the following electronic devices as possible: wireless routers, radios, radio towers, pager towers, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless telephones.
- Microwaves 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 one another, or use a different surge protector.
- Relocate your telephone to a higher location. It will likely have better reception when installed in a high area.
- 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).
- If you subscribe to DSL service and if there is interference during conversations and/or your caller ID features are not functioning properly, install a noise filter to the telephone line between telephone base and the telephone line jack. Contact your DSL provider to obtain a noise filter.

I hear other calls while using my phone.

- Press the **CHAN** key while on a call to change to a clear channel.
- Disconnect the telephone base from the telephone jack, and plug in a different telephone. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone company.

Troubleshooting

I hear noise in the cordless handset, and none of the keys works.

- Make sure the power cord is plugged in securely.

My cordless handset does not ring when I receive a call.

- Make sure that the ringer is not turned off. Refer to the section(s) on ringer selection in this user's manual.
- Make sure the telephone line cord is plugged securely into the telephone base and the telephone jack. Make sure the power cord is securely plugged in.
- The cordless handset may be too far from the telephone base.
- Charge the battery in the cordless handset for at least 16 hours the first time. For optimum daily performance, return the cordless handset to the telephone base or charger when not in use. When the battery becomes completely depleted, make sure to charge it for at least 15 minutes before making a call.
- You may have too many extension telephones on your telephone line to allow all of them to ring simultaneously. Try unplugging some of the other telephones.
- The layout of your home or office might be limiting the operating range. Try moving the telephone base to another location, preferably on an upper floor.
- If the other telephones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply).
- Test a working telephone at the phone jack. If another telephone has the same problem, the problem is the phone jack. Contact your local telephone company (charges may apply).
- Other electronic products can cause interference with your cordless telephone. Try installing your telephone as far away as possible from electronic devices such as wireless routers, radios, radio towers, pager towers, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless telephones.
- Your 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 or charger.
- Wait for the cordless handset to synchronize with the telephone base. To be safe, allow up to one minute for this to take place.

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

- Press the **CHAN** button while on a call until the interference has been eliminated.
- Other electronic products can cause interference with your cordless telephone. Try installing your telephone as far away from the following electronic devices as possible: wireless routers, radios, radio towers, pager towers, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless telephones.
- Microwaves 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 the microwave oven.

Troubleshooting

- If your telephone is plugged in with a modem or 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 one another, or use a different surge protector.
- Relocate your telephone base to a higher location. It will have better reception when installed in a high area.
- 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.)

The charge light is off.

- Clean the cordless handset and telephone base charging contacts each month using a pencil eraser or cloth.
- Make sure the power and telephone line cords are plugged in correctly and securely.
- Unplug the electrical power to the telephone base. Wait for 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to synchronize.
- The telephone might be malfunctioning. Please refer to the Warranty section of this user's manual for further instruction.

My Caller ID isn't working.

- Caller ID is a subscription service. You must subscribe to this service from your local telephone company for this feature to work on your telephone.
- Your caller must be calling from an area that supports caller ID.
- Both you and your caller's telephone companies must use caller ID compatible equipment.

System does not receive CID or system does not display CID during call waiting.

- Make sure you subscribe to caller ID with call waiting features services provided by your local telephone company. Caller ID features will work only if both you and the caller are in areas offering caller ID service, and if both telephone companies use compatible equipment.

Common cure for electronic equipment.

- If the telephone does not seem to be responding normally, try putting the cordless handset in the telephone base or the charger. If it does not seem to respond, do the following (in the order listed):
- Disconnect the power to the telephone base.
 - Disconnect the cordless handset battery, and spare battery, if applicable.
 - Wait a few minutes.
 - Connect power to the telephone base.
 - Re-install the battery, and place the cordless handset into the telephone base.
 - Wait for the cordless handset to re-establish its connection with the telephone base. To be safe, allow up to one minute for this to take place.

Troubleshooting

Incomplete messages.

- If a caller leaves a very long message, part of it may be lost when the system disconnects the call after four minutes.
- If the caller pauses for more than six seconds, the system stops recording and disconnects the call.
- If the system's memory becomes full during a message, the system stops recording and disconnects the call.
- If the the caller's voice is very soft, the system may stop recording and disconnects the call.

Difficulty hearing messages.

- Press **VOLUME**  to increase speaker volume.
- Remove any stickers from your telephone base and/or handset when you purchased it; they may be obstructing the messages when you play them.

System does not answer after correct number of rings.

- Make sure that the answering system is on (see page 29).
- If toll saver is activated, the number of rings changes to 2 when there are new messages (see page 32).
- In some cases, the system may be affected by the ringing system used by the local telephone company.
- If the memory is full or the system is off, the system will answer after 10 rings.

After you try to playback messages by pressing PLAY/STOP, Time and date not set prompts

- You need to reset the answering system clock (see page 30).

System does not respond to remote commands.

- Make sure to enter your remote access code correctly (see page 32 and 36).
- Make sure you are calling from a touch tone telephone. When dialing a number, you should hear tones. If you hear clicks, the telephone is not a touch tone telephone and cannot activate the answering system.
- The answering system may not detect the remote access code while the announcement is playing. Wait until the announcement is over before entering the code.
- There may be interference on the telephone line. Press the dial-pad buttons firmly.

System does not record message.

- Make sure the answering system is on (see page 29).

Announcement message is not clear.

- When recording your announcement, make sure you speak in a normal tone of voice, about nine inches from the telephone base.
- Make sure there is no background noise (TV, music, etc.) while recording.

Important safety instructions



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

Safety information

- **Read and understand all instructions in the user's manual. Observe all markings on the product.**
- **Avoid using a telephone during a thunderstorm.** There may be a slight chance of electric shock from lightning.
- **Do not use a telephone in the vicinity of a gas leak.**
If you suspect a gas leak, report it immediately, but use a telephone away from the area where gas is leaking. If this product is a cordless model, make sure the telephone base is also away from the area.
- **Do not use this product near water, or when you are wet.** For example, do not use it in a wet basement or shower, or next to a swimming pool, bathtub, kitchen sink, or laundry tub. Do not use liquids or aerosol sprays for cleaning. If the product comes in contact with any liquids, unplug any line or power cord immediately. Do not plug the product back in until it has dried thoroughly.
- **Install this product in a protected location** where no one can trip over any line or power cords. Protect cords from damage or abrasion.
- **If this product does not operate normally, read the Troubleshooting section in the user's manual.** If you cannot solve the problem, or if the product is damaged, refer to the limited warranty. Do not open this product except as may be directed in your user's manual. Opening the product or reassembling it incorrectly may expose you to hazardous voltages or other risks.
- **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, 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 telephone convenient create some limitations. Telephone calls are transmitted between the telephone base and the cordless handset by radio waves, so there is a possibility that your conversations on the cordless telephone be intercepted by radio receiving equipment within range of the cordless handset. **For this reason, you should not think of conversations on a cordless telephone being as private those on corded telephones.**
- **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 cordless 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 them 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.

- **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 900 MHz digital cordless telephones):

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

Pacemaker patients

- Should keep wireless phones at least six inches from the pacemaker.
- Should NOT place wireless phones directly over the pacemaker, such as in a breast pocket, when it is turned ON.
- Should use the wireless phone at the ear opposite the pacemaker.

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

Especially about telephones answering systems

Two-way recording: This unit does not sound warning beeps to let the other party know that the call is being recorded. To ensure that you are in compliance with any federal or state regulations regarding recording a telephone call, you should start the recording process and then inform the other party that you are recording the call.

SAVE THESE INSTRUCTIONS

FCC part 68 and ACTA

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

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

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

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

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the limited warranty.

If this equipment is causing harm to the telephone network, the telephone company may temporarily discontinue your telephone service. The telephone company is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and the telephone company is required to inform you of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone company is required to notify you if such changes are planned. If this product is equipped with a corded or cordless handset, it is hearing-aid compatible.

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

- Remain on the line and briefly explain the reason for the call before hanging up.
- Perform such activities in off-peak hours, such as early morning or late evening.

FCC part 15

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The cordless 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, with 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 (cordless handset to base)	5863.8MHz — 5872.5MHz
RF Frequency band (base to cordless handset)	912.75MHz — 917.10MHz
Channels	30
Modulation	FM
Operating temperature	32°F — 122°F 0°C — 50°C
Base unit voltage (AC Voltage, 60Hz)	104 — 129 Vrms
Base Unit Voltage (DC adapter output)	9V DC @400 mA
Handset voltage	3.1 — 4.3V DC @600 mAh
Charger voltage (DC adapter output)	6V DC @200 mA
Replacement battery	Model 3301 (part number 80-5071-00-00) 3.6V 600mAh Ni-Cd

Index

A

- AC adapter, 6
- Alert tones, 38
- Answering calls, 12
- Answering system, 29-36

B

- Battery charging, 7
- Battery installation, 7
- Belt clip, 9

C

- Call waiting, 14
- Call transfer, 15
- Caller ID, 23
 - add entries to phone directory, 28
 - delete entries, 27
 - dial entries, 26

D

- Delete call log entries, 27
- Delete redial entries, 12
- Dialing,
 - from a caller ID record, 25
 - directory dialing, 21
- Directory, 16
 - dial number, 21
 - edit entries, 22
 - name search, 21
 - new entries, 19

E

- Elapsed time, 12
- Ending calls, 12

F

- Flash (switchhook flash), 14

H

- Cordless handset locator, 13
- Headset, 9

I

- Incoming call log, 23
- Incoming calls, answering, 12
- Indicator lights, 38

L

- Last number redial, 12
- Low battery, 7

M

- Making calls, 12
- Menus, 10-11
- Messages, 33

N

- Names,
 - enter into directory, 19
 - search for, 21

O

- Operating range, 5

Q

- Quick reference guide, 2-3

R

- Receiving calls, 12
- Recharging, 7
- Redial, 12
- Ringer silencing, 12
- Ring tone options, 10

S

- Search for name, 21
- Switchhook flash, 14

T

- Technical specifications, 53
- Troubleshooting, 39-44

V

- Volume controls, 14, 33



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