Options while on calls

Hold

You can place a **HOME** or **CELLULAR** call on hold. You will hear an alert tone if you have not taken the call off of hold after 14 minutes. You will hear another alert tone 30 seconds later. After 15 minutes on hold, the call automatically disconnects.

To place a **HOME** call on hold:

- Press the **HOLD** key on the handset. **HOME LINE HELD** appears on the display and **HOME/FLASH** will flash.

To resume a **HOME** call that is on hold:

- Press **HOME/FLASH** again.

To place a **CELLULAR** call on hold:

- Press the **HOLD** key on the handset. **CELL LINE HELD** appears on the display and **CELLULAR** will flash.

To resume a **CELLULAR** call that is on hold:

- Press the **CELLULAR** key again.

Chain dialing

Use this feature to initiate a dialing sequence from numbers stored in the directory, caller ID history or redial list while you are on a call. This feature is available only when you are making a **HOME** call.

Chain dialing can be useful if you wish to access numbers other than phone numbers (such as bank account information or access codes) from the directory, caller ID history or redial list.

NOTES:

1. You cannot edit a directory entry while you are on a call. For more details about the directory, see page 40.
2. You cannot copy a caller ID entry into the directory while you are on a call. For more details about the caller ID history, see page 47.
3. If you press **REDIAL/PAUSE** while on a call, you can only view the most recent call, and you cannot erase the entry. For more details about the redial memory, see page 30.
4. Press and hold **OFF/CLEAR** to exit redial, directory or caller ID history when you are on a call.

Directory access while on a call

1. Press **MENU/SELECT** twice.
2. Press **DIR /** **CID** to scroll to the desired number.
3. Press **MENU/SELECT** to dial the number shown.

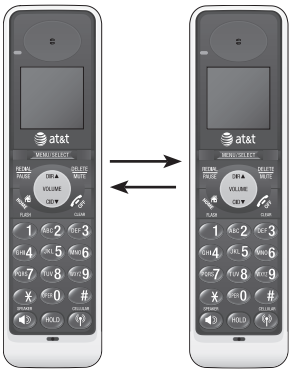
Caller ID history (call log) access while on a call

1. Press **MENU/SELECT**.
2. Press **DIR /** **CID** to scroll to **>CALL LOG.**
3. Press **MENU/SELECT**.
4. Press **DIR /** **CID** to scroll to the desired number.
5. Press **MENU/SELECT** to dial the number shown.

Last number redial while on a call

Press **REDIAL/PAUSE** to show and dial the most recently dialed number. If you press **REDIAL/PAUSE** again within two seconds, the number is not dialed.

Intercom



Use the intercom feature for conversations between handsets. This feature is not available on model TL91178.

You can buy additional expansion handsets (model AT&T TL90078) for this telephone base. Up to 12 handsets can be registered to the telephone base.

The first nine handsets that you register will be named Handsets 1-9. Use the handset number to intercom and transfer calls.

Although the names for handsets 10-12 appears in their displays as 10-12, when you intercom or transfer to one of them, you must use ***0** for Handset 10, ***1** for handset 11, and ***2** for Handset 12.

NOTES:

1. Before anyone answers the intercom call, you can cancel the intercom call by pressing **OFF/CLEAR** on the calling handset.
2. If no one answers the called handset within 100 seconds, or if the called handset is in the directory or caller ID history mode, or on a call, or out of range, the calling handset shows **UNABLE TO CALL TRY AGAIN**.
3. Press **OFF/CLEAR** or **DELETE/MUTE** to temporarily silence the intercom ringer.

Model TL91278 (two-handset system)

1. Press **MENU/SELECT** when in idle mode to enter the feature menu.
2. Use **DIR /** **CID** to scroll to **>INTERCOM**, then press **MENU/SELECT**.
3. The screen shows **CALLING OTHER HANDSET**. The called handset rings, and its screen shows **OTHER HANDSET IS CALLING**.
4. On the ringing handset, press **HOME/FLASH** or **SPEAKER** to answer the intercom call.

To end the intercom call:

- Press **OFF/CLEAR** on either handset.

  -OR-

- Place either handset in the charger or telephone base.

Intercom

Models TL91378 (three-handset system)

1. Press **MENU/SELECT** when in idle mode to enter the feature menu.
2. Use **DIR /** **CID** to scroll to >**INTERCOM**, then press **MENU/SELECT**. The screen shows **INTERCOM TO:**
3. Enter the handset number **1-9** or, for handsets **10**, **11** and **12**, enter ***0**, ***1** or ***2**, respectively. The display shows **CALLING HANDSET X**, with **X** being the handset number. The called handset rings, and its screen shows **HANDSET X IS CALLING**.
4. On the ringing handset, press **HOME/FLASH** or **SPEAKER** to answer the intercom call.

To end the intercom call:

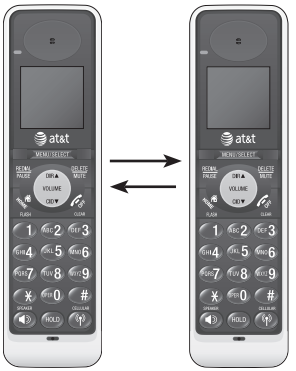
- Press **OFF/CLEAR** on either handset.

  -OR-

- Place either handset in the charger or telephone base.

NOTES:

1. Before anyone answers the intercom call, you can cancel the intercom call by pressing **OFF/CLEAR** on the calling handset.
2. If no one answers the called handset within 100 seconds, or if it is in the directory or caller ID history mode, or on a call, or out of range, the calling handset shows **UNABLE TO CALL TRY AGAIN**.
3. Press **OFF/CLEAR** or **DELETE/MUTE** to temporarily silence the intercom ringer.
4. You can use a maximum of four handsets at a time. When two handsets are used on an intercom call, the other two system handsets can be used for a call on either the **HOME** or **CELLULAR** line.



Call transfer using intercom

Use the intercom feature to transfer an outside call to another system handset. This feature is not available on model TL91178.

Model TL91278 (two-handset system)

1. When on an outside call, press **MENU/SELECT** to enter the feature menu.
2. Use **DIR /** **CID** to scroll to **>TRANSFER**, then press **MENU/SELECT**. The outside call is automatically placed on hold. The transferring handset's screen shows **CALLING OTHER HANDSET**. The called handset rings, and its screen shows **OTHER HANDSET IS CALLING**.
3. On the ringing handset, press **HOME/FLASH** or **SPEAKER** to answer the intercom call. You can now talk without the outside caller hearing the conversation.
4. Press **OFF/CLEAR** on the transferring handset or place it in the telephone base or handset charger to complete the transfer. The transferring handset's screen shows **CALL TRANSFERED** and the other handset is automatically connected to the outside call.

   -OR-

   Press **HOME/FLASH** or **CELLULAR** (depending on which call is being transferred) on the called handset to let both parties conference with the external line.

NOTES:

1. Before anyone answers the intercom call, you can cancel the transfer and return to the outside call by pressing and holding **OFF/CLEAR**.
2. If the called handset does not answer the intercom call within 100 seconds, is in directory or caller ID history mode, or is out of range, the transferring handset shows **UNABLE TO CALL TRY AGAIN** on its screen and automatically returns to the outside call.
3. You can end the intercom call and return to the outside call by pressing **HOME/FLASH** or **CELLULAR** (depending on which call is being transferred) on the transferring handset, or pressing **OFF/CLEAR** on the called handset.

Call transfer using intercom

Models TL91378 (three or more handsets)

1. When on an outside call, press **MENU/SELECT** to enter the feature menu.
2. Use **DIR /** **CID** to scroll to **>TRANSFER**, then press **MENU/SELECT**. The screen shows **INTERCOM TO:**
3. Enter the handset number **1-9** or, for handsets **10**, **11** and **12**, enter ***0**, ***1** or ***2**, respectively. The display shows **CALLING HANDSET X**, with **X** being the handset number. The called handset rings, and its screen shows **HANDSET X IS CALLING**.
4. On the ringing handset, press **HOME/FLASH** or **SPEAKER** to answer the intercom call. You can now talk without the outside caller hearing the conversation.
5. Press **OFF/CLEAR** on the transferring handset or place it in the telephone base or handset charger to complete the transfer. The transferring handset's screen shows **CALL TRANSFERED** and the other handset is automatically connected to the outside call.

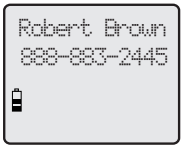
   -OR-

   Press **HOME/FLASH** or **CELLULAR** (depending on which call is being transferred) on the destination handset to let both parties conference with the external line.

NOTES:

1. Before anyone answers the intercom call, you can cancel the transfer and return to the outside call by pressing and holding **OFF/CLEAR**.
2. If the called handset does not answer the intercom call within 100 seconds, is in directory or caller ID history mode, or is out of range, the transferring handset shows **UNABLE TO CALL TRY AGAIN** on its screen and automatically returns to the outside call.
3. You can end the intercom call and return to the outside call by pressing the **HOME/FLASH** or **CELLULAR** (depending on which call is being transferred) on the transferring handset, or pressing **OFF/CLEAR** on the called handset.

About the directory



Shared directory

The directory is stored in the telephone base, and is shared by all handsets. Changes made to the directory on any one handset applies to all.

NOTE: Only one handset can review the directory at a time. If another handset attempts to enter the directory, the screen shows **NOT AVAILABLE AT THIS TIME**.

Capacity

The directory can store up to 50 entries, with a maximum of 15 alphanumeric characters (including spaces) for the names and 30 digits for the telephone numbers. A convenient search feature can help you find and dial numbers quickly (page 44).

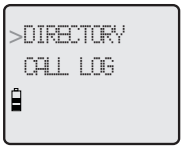
If there are already 50 entries, the screen shows **LIST FULL**. You can not store a new number until you delete one.

Exiting the directory

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

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

Creating directory entries



To create a new directory entry

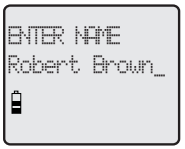
1. Press **MENU/SELECT** when in idle mode to enter the feature menu.
2. Press **MENU/SELECT** again to enter **>DIRECTORY** menu.
3. Press **DIR** or **CID** to highlight **STORE**.
4. Press **MENU/SELECT**.
5. Enter the telephone number when prompted.
   - Use the dial pad to enter up to 30 digits.
     - Press **DIR / CID** to move the cursor to the right or left.
     - Press **DELETE/MUTE** to erase digits.
     - Press and hold **DELETE/MUTE** to erase all digits.
     - Press and hold **REDIAL/PAUSE** to enter a three-second dialing pause.

   -OR-

   - Copy a number from redial by pressing **REDIAL/PAUSE** then press **DIR** or **CID,** or pressing **REDIAL/PAUSE** repeatedly to locate the number to copy. Press **MENU/ SELECT** to copy the number.
6. Press **MENU/SELECT** to save the number in the display.

   The display shows **ALREADY SAVED** if the number is already in the directory. You cannot save the same number twice.

Creating directory entries



7. Enter the name when prompted.
   - Use the dial pad to enter a name (up to 15 characters). Each time you press a key, the character on that key appears. Additional key presses produce other characters on that key. See the chart below.
     - – **Press** ▲▼ **DIR or** ▲▼ **CID** to move the cursor to the right or left.
     - – Press **DELETE/MUTE** to erase letters.
     - – Press and hold **DELETE/MUTE** to erase all letters.

NOTE: The first letter of every word is capitalized. The remaining letters in a word begin with lower case letters shown in the chart to the right.

Dial Key	Characters by number of key presses								
	1	2	3	4	5	6	7	8	9
1	1	#	‘	,	-	.	&		
2	A	B	C	2	a	b	c		
3	D	E	F	3	d	e	f		
4	G	H	I	4	g	h	i		
5	J	K	L	5	j	k	l		
6	M	N	O	6	m	n	o		
7	P	Q	R	S	7	p	q	r	s
8	T	U	V	8	t	u	v		
9	W	X	Y	Z	9	w	x	y	z
0	0								
*	*	?	!	/	(	)	@		
#	space								

8. Press **MENU/SELECT** to store your new directory entry. The name and the telephone number will then be shown on the screen. To change them later, see pages 45-46.

Directory review

To review directory entries

1. Press **DIR** when in idle mode to show the first entry in the directory. **DIRECTORY EMPTY** appears if there are no directory entries.

   -OR-

   You can also show the first entry in the directory by pressing **MENU/SELECT** twice, then pressing **MENU/SELECT** again to choose >**REVIEW**.

2. Press **DIR** or **CID** to browse through the directory. Entries appear alphabetically by the first letter in the name.

Directory search

To search by name

1. Press **DIR** when in idle mode to show the first listing in the directory. **DIRECTORY EMPTY** appears if there are no directory entries.
2. When a name entry appears, press the dial pad keys (2-9) to start a name search.

   The directory shows the first name beginning with the first letter associated with the dial pad key if there is an entry in the directory that begins with that letter.
3. To see other names that start with the letters on the same dial pad key, keep pressing the key. The names appear in alphabetical order.

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

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

NOTES:

1. If there is no name matching the first letter of the key you press, the directory shows a name that matches the following letters of the key.
2. If you press a key (2-9) and no name starts with the letters on that key, the directory shows the entry that matches the next letter in the directory.

To dial, delete or edit entries

To dial, delete or edit a directory entry (name and number), the entry must show on the handset. Use the directory review or search (pages 43-44) to show an entry.

Display dial

To dial a displayed number from the directory, press **HOME/FLASH** or **SPEAKER** to dial from the **HOME** line; or press **CELLULAR** to dial from the **CELLULAR** line.

To delete an entry

When a directory entry displays, press **DELETE/MUTE** to delete the displayed entry from the directory. Once deleted, you cannot retrieve an entry.

To edit an entry

When a directory entry displays:

1. Press **MENU/SELECT** to modify the entry. You are prompted to **EDIT NUMBER**.
   - Press the dial pad keys to add digits.
   - Press **DELETE/MUTE** to erase digits.
   - Press **DIR** or **CID** to move the cursor to the right or left.
   - Press and hold **REDIAL/PAUSE** to add a three-second pause, if desired.
   - Copy a number from redial by pressing **REDIAL/PAUSE**. Then press **DIR** or **CID,** or press **REDIAL/PAUSE** repeatedly to locate the number to copy. Press **MENU/ SELECT** to copy the number.

2. Press **MENU/SELECT**. You will be prompted to **EDIT NAME.**
   - Press the dial pad keys to add characters (page 42).
   - Press **DELETE/MUTE** to erase characters.
   - Press **DIR** or **CID** to move the cursor to the right or left.
3. Press **MENU/SELECT** to confirm.

Caller ID operation

This product supports caller ID services provided by most local telephone service companies. Depending on your service subscription, you may see the caller's number, or the caller's name and number that are sent by the telephone company after the first or second ring. If you also have call waiting service, this caller ID information shows when you receive a call while you are on another call.

Caller ID from the **HOME** line allows you to see the name, number, date and time of the incoming call. However, caller ID from the **CELLULAR** line only shows the number of the incoming call and the Bluetooth name of the paired device; date and time of the call are not shown.

These services are available only if both you and the caller are in areas offering caller ID service, and if both telephone companies use compatible equipment.

Contact your local telephone company and cellular service provider if:

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

You can use this product with regular caller ID service, or without subscribing to either caller ID or combined caller ID with call waiting service.

Caller ID operation

Caller ID history information

If you subscribe to caller ID services, provided by your local telephone company and/or cellular service provider, the caller ID history stores information for about the last 50 incoming calls for both the **HOME** and **CELLULAR** lines.

Although the caller ID history records the caller ID information of both lines, caller ID entries from the **CELLULAR** line only provide the incoming telephone number and the Bluetooth name of the cellular phone. If the number on the incoming **CELLULAR** call matches a number in the directory, the name is retrieved from the matched directory entry. However, if the caller's number is not provided from the **CELLULAR** line, the screen only shows **INCOMING CALL** without showing the Bluetooth name of the device.

Review the caller ID history to find out who called, to easily return the call, or to copy the caller's name and number into your directory.

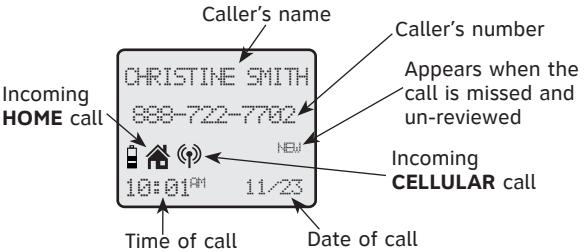
The phone deletes the oldest entry when the log is full to make room for new calls.

If you answer a call before the information appears on the screen, it is not saved in the caller ID history.

The caller ID history is stored in the telephone base, and is shared by all handsets. Changes made on any one handset is reflected in all.

NOTE: Only one handset can review the caller ID history at a time. If another handset attempts to enter the directory or caller ID history, it shows **NOT AVAILABLE AT THIS TIME**.

Caller ID operation



Memory match

If the incoming telephone number exactly matches a telephone number in your directory, the name that appears on the screen matches the corresponding name in your directory.

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

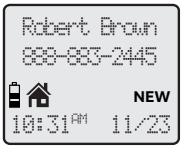
NOTE: The number shown by your caller ID is in the format sent by the phone company. The phone company usually delivers ten-digit phone numbers (area code plus phone number). If the telephone number of the caller does not exactly match a number in your directory, the name appears as it is delivered by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

Caller ID operation

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

On-screen message	Reason
PRIVATE NUMBER	The caller's number has been set as private.
PRIVATE NAME	The caller's name has been set as private.
PRIVATE CALLER	Caller's name and telephone number are not revealed at caller's request.
UNKNOWN NUMBER	Your local telephone company is unable to determine the caller's number.
UNKNOWN NAME	Your local telephone company is unable to determine the caller's name.
UNKNOWN CALLER	Your local telephone company is unable to determine the caller's name and telephone number. Calls from other countries may also generate this message.

Caller ID operation

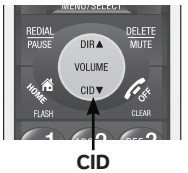


Missed (new) calls indicator

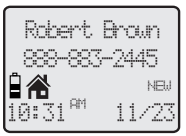
When a handset is in idle mode and has calls that have not been reviewed, its screen will show **XX MISSED CALLS**.

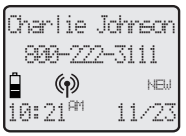
All entries that have not been reviewed are counted as missed calls when the phone is idle. Each time an entry in the caller ID history marked **NEW** is reviewed, the number of missed calls decreases by one.

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

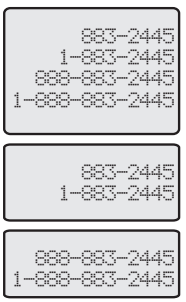


CID





The various dialing options are:



To review the caller ID history

To review the caller ID history

1. Press **CID** to review the caller ID history in reverse chronological order starting with the most recent call.

   -OR-

   You can also review the caller ID history by pressing **MENU/SELECT**, and using **DIR** or **CID** to scroll to **>CALL LOG**, then press **MENU/SELECT**.

2. Press **DIR** or **CID** to scroll through the list as shown on the left.

To dial from the caller ID history

To dial a displayed number from the caller ID history:

- Press **HOME/FLASH** or **SPEAKER** to dial from the **HOME** line, or press **CELLULAR** to dial from the **CELLULAR** line.

  -OR-

- Press **#** repeatedly to show different dialing options for local and long distance numbers before dialing or saving the telephone number in the directory. See the example on the left.

  You may also press **1** repeatedly to add or remove a 1 in front of the telephone number before dialing or saving the telephone number in the directory. See the examples on the left.

  When the number shown is in the correct format for dialing, following the above step to dial the number.

To review the caller ID history

Other options

- Press **DELETE/MUTE** to delete the shown entry from the caller ID history.
- When an entry from the caller ID history is shown, press and hold **DELETE/MUTE** to delete all entries from the caller ID history. When the screen shows **DELETE ALL CALLS?** press **MENU/SELECT** to clear the caller ID history of all entries, or press **OFF/CLEAR** to exit and leave all entries in the caller ID history intact.
- Press **MENU/SELECT** to copy the entry into your directory. You can edit the name and the number (see pages 45-46).
- Press **OFF/CLEAR** to exit the caller ID history.

NOTES:

1. You may need to change how a caller ID number is dialed if the entry does not appear in the correct format. Caller ID numbers may appear with an area code that may not be required for local calls, or without a 1 that may be needed for long distance calls (see page 52).
2. If neither the name nor number is provided, **UNABLE TO SAVE** appears.

Alert tones and lights

Alert tones

Handset tones

Two short beeps	**VOLUME** ▼▲ keys are pressed when the volume is already at its highest or lowest setting.
Four short beeps	Low battery warning.
Two beeps	Out of range while the handset is on a call.
Three rising tones	Command completed successfully.

Lights

VOICEMAIL
Flashes when you have new voicemail on your **HOME** phone line (offered by your telephone service provider). The indicator does not support voicemail on your **CELLULAR** line.

IN USE
- On when the handset is in use, or when you are registering a handset.
- Flashes when another telephone is in use on the same line, or when you are de-registering handsets from the telephone base.
- Flashes quickly when there is an incoming call.

Bluetooth
- On when the telephone base is paired and connected with a cellular phone.
- Flashes when the Bluetooth feature is activated and waiting for pairing and connection.

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

Blue backlit display

HOME/FLASH
Flashes rapidly when there is an incoming **HOME** call.
Flashes slowly when a **HOME** call is on hold.

Blue backlit dial pad

SPEAKER
On when the speakerphone is on.

CELLULAR
Flashes rapidly when there is an incoming **CELLULAR** call.
Flashes slowly when a **CELLULAR** call is on hold.

Handset display screen messages

Screen display messages

ALREADY SAVED	The telephone number you have entered is already stored in the directory.
BLUETOOTH SYSTEM BUSY	You are trying to use a handset to make a **CELLULAR** call when another handset is already in **CELLULAR** call predial mode.
BOTH LINES HELD	Calls on the **HOME** and **CELLULAR** lines have been put on hold.
CALL LOG EMPTY	You are accessing an empty caller ID history.
CALL TRANSFERED	An outside call from one handset is transferred to another handset.
CALLING OTHER HANDSET (For systems with two handsets)	The handset is calling the other handset (for intercom calls). The handset is going to transfer an outside call to another handset.
CALLING HANDSET X (For systems with three or more handsets)	The handset is calling another system handset (for intercom calls).
CELL	The **CELLULAR** line is in use.
CELL LINE HELD	A call on the **CELLULAR** line has been put on hold.
CHARGING	A handset with a low battery has been placed in the telephone base or charger.
DIRECTORY EMPTY	There are no directory entries.
ENDED	You have just ended a call.
HANDSET X IS CALLING (For systems with three or more handsets)	Another system handset is calling.

Handset display screen messages

Screen display messages

HANDSET X REGISTERED	The handset registration is successful, with **X** being the handset number.
HOME	The **HOME** line is in use.
HOME LINE HELD	A call on the **HOME** line has been put on hold.
INCOMING CALL	There is a call coming in.
INTERCOM	The handset is on an intercom call.
INTERCOM ENDED	The intercom call has just ended.
INTERCOM TO: (For systems with three or more handsets)	You have started the intercom process, and need to enter the number of the handset you wish to call.
LINE IN USE	An extension phone or one of the handsets is in use.
LIST FULL	The directory is full. No new entries can be saved unless some current entries are deleted.
LOW BATTERY	The battery needs to be charged.
MICROPHONE ON	Mute has just been turned off so your voice will be heard by the other party.
XX MISSED CALLS	There are new calls in the caller ID history.
MUTED	The microphone is muted.
NEW VOICEMAIL	There are new voicemail messages on the **HOME** phone line.
NO CONNECTED CELLULAR PHONES	There is no cellular phone connected when you are trying to call from the cellular line.

Handset display screen messages

Screen display messages

NO LINE	There is no telephone line connected.
NO SIGNAL, CALL ENDED	The handset is out of range while on a call.
NOT AVAILABLE AT THIS TIME	Someone else is already using the directory or caller ID history.
OTHER HANDSET IS CALLING (For system with two handsets)	The other handset is calling.
OUTSIDE CALL	You are connected to the external call during call transfer.
** PAGING **	The telephone base is paging handsets.
PLACE IN CHARGER	The battery is very low. The handset should be placed in the telephone base or charger.
RINGER MUTE	The ringer is muted temporarily during an incoming call.
SAVED	The entry in caller ID history is saved to the directory successfully.
SEARCHING FOR BASE	The handset has lost communication with the telephone base.
TRANSFER TO: (For systems with three or more handsets)	You have started transferring a call, and need to enter the desired handset number.
UNABLE TO CALL TRY AGAIN	Failed intercom or conference call (there are already two handsets being used).
UNABLE TO SAVE	You are trying to save an entry with no name or number from the caller ID history.

Expansion handset

Your new AT&T TL91178/TL91278/TL91378 telephone system can accommodate up to 12 handsets. You can add new handsets (AT&T TL90078, purchased separately) to your telephone system, but you must register each device with the telephone base before use. To register a new handset, see page 59.

TL91178

The handsets provided with the TL91178 come pre-registered as **HANDSET 1**. You can register up to 11 additional handsets to the telephone base, and they will be assigned numbers in the order they are registered (**HANDSET 2**, **HANDSET 3**, **HANDSET 4** and so on).

TL91278

The handsets provided with the TL91278 come pre-registered as **HANDSET 1** and **HANDSET 2**. You can register up to 10 additional handsets to the telephone base, and they will be assigned numbers in the order they are registered (**HANDSET 3**, **HANDSET 4**, **HANDSET 5** and so on).

TL91378

The handsets provided with the TL91378 come pre-registered as **HANDSET 1**, **HANDSET 2** and **HANDSET 3**. You can register up to nine additional handsets to the telephone base, and they will be assigned numbers in the order they are registered (**HANDSET 4**, **HANDSET 5**, **HANDSET 6** and so on).

Expansion handset

Adding and registering handsets (optional)

Handsets purchased separately (AT&T TL90078) need to be registered to the telephone base before use. When first purchased, all expansion handsets show **NOT REGISTERED** on the screen. You may need to charge the new handsets for five minutes before registering to the telephone base.

To register a handset to your telephone base

1. Place the unregistered handset into the telephone base. If **PRESS HNDST LOC 4 SEC ON BASE** does not appear on the handset screen after a few seconds, remove the handset and place it in the telephone base again.
2. On the telephone base, press and hold **HANDSET LOCATOR** for about four seconds (until the red **IN USE** light on the telephone base turns on) and then release the button. The handset shows **PLEASE WAIT...** and it will take about 10 seconds to complete the registration. The handset shows **HANDSET X REGISTERED,** with **X** being the handset number (1-12). You will hear three rising beeps when the registration is successful.

NOTES:

1. If the registration is not successful, the display shows **NOT REGISTERED**. To reset the handset, remove the handset from the telephone base and place it back in. Try the registration process again.
2. You cannot register a handset if any other system handset is in use.

Expansion handset

Replacing a handset

You can de-register handsets. You may need to de-register your handsets if:

You have twelve registered handsets and need to replace a handset.

-OR-

You wish to change the designated handset number of your registered handsets.

You must first de-register ALL the handsets, and then re-register each handset you wish to use.

Please read carefully through all the instructions on this page before beginning the de-registration process.

To de-register all handsets

1. Press and hold **HANDSET LOCATOR** on the telephone base for about 10 seconds (until the **IN USE** light turns on and starts to flash), then release the **HANDSET LOCATOR** button.
2. Immediately press and release **HANDSET LOCATOR** again. You must press **HANDSET LOCATOR** while the **IN USE** light is still flashing. (The light flashes for about seven seconds. If the light stops flashing, pick up the handset and place it back into the telephone base, then start again with step one above.)
3. The handsets will show **SEARCHING FOR BASE** and it will take about 10 seconds to complete the de-registration process. ALL handsets will show **NOT REGISTERED** when de-registration is successful.
4. To re-register the handsets to the telephone base, follow the registration instructions on page 59.

NOTES:

1. If the de-registration process was not successful, you may need to reset the system and try again. To reset: pick up the handset and press the **HOME/FLASH** button, then press the **OFF/CLEAR** button and place the handset back into the telephone base. You may also reset by unplugging the power from the telephone base and plugging it back in.
2. You cannot de-register the handsets if any other system handset is in use.

Troubleshooting

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

I cannot pair my cell phone to the telephone base.	• Make sure the Bluetooth function of your cellular phone is turned on. See your cell phone user's manual for more information. • Remove the **AT&T DECT 6.0** from your cell phone's handsfree device history list (see you cell phone user's manual for more information). • Carefully follow the pairing instructions on page 17, making sure that your cell phone is not connected to any other Bluetooth device. • Turn off your cell phone, then turn it on again. • Reset the telephone base. Unplug the electrical power. Wait for approximately 15 seconds, then plug it back in. Repeat the above suggestions.
I cannot connect my cell phone with the telephone base.	• Make sure that the Bluetooth function of your cell phone is turned on. See your cell phone user's manual for more information. • Make sure that your Bluetooth cell phone is not connected to any other Bluetooth device. • Turn off your cell phone, then turn it on again. • For some cell phones, you must authorize the **AT&T DECT 6.0** device in your cell phone's Bluetooth feature. See your cell phone user's manual for more information. • If the telephone base does not connect to your paired cellular phone automatically, you may need to connect to that device manually, refer to page 18 for details. • If the cellular phone does not connect to the telephone base after trying manual connection, delete **AT&T DECT 6.0** from the paired device list in your cellular phone, then start again with the pairing procedures (page 17).

Troubleshooting

	• When you are on a **CELLULAR** call using the handset, your cell phone is in use. Attempting to use the cell phone for any other purpose may disconnect your call. You may need to connect the cellular phone to the telephone base manually to resume the connection, refer to page 18 for details.
I cannot find the **AT&T DECT 6.0** on my cell phone.	• Make sure that the Bluetooth feature is turned on in the telephone base. Carefully follow the setup instructions on page 17. • Make sure that you manually set your cell phone to find or search for devices. • Turn off your cell phone, then turn it on again. • Reset the telephone base. Unplug the electrical power. Wait for approximately 15 seconds, then plug it back in. Repeat the above suggestions.
I don't know how to search for or add new devices on my cell phone.	• Most cell phones have the Bluetooth feature in the connection or setup menus. Please refer to your cell phone user's manual. • In general, press the menu key on your cell phone, then look for the Bluetooth menu in the settings or connection menu. In the Bluetooth menu, select the option to search for or add new devices.
My cell phone disconnects from the telephone base.	• Turn off your cell phone, then turn it on again. • Make sure that you are not using your cell phone when on a **CELLULAR** call. • When you are on a **CELLULAR** call using the handset, your cell phone is in use. Attempting to use the cell phone for any other purpose may disconnect your call. You may need to connect the cellular phone to the telephone base manually to resume the connection, refer to page 18 for details.

Troubleshooting

My cell phone is connected to the telephone base, but I cannot make a **CELLULAR** call.	• Make sure that your cell phone is not in use when you are trying to make a **CELLULAR** call. • Make sure that your cell phone is compatible. For a list of compatible devices, visit **www.telephones.att.com/bluetooth**. • For some smartphones, make sure that the cellular function is turned on.
Bluetooth System Busy appears on the display.	• Make sure that your cellular phone is not in use when connected to the telephone base. • Make sure that your cellular phone is not connected to any other Bluetooth device. • The **AT&T DECT 6.0** can only use one Bluetooth device at a time.
The PIN on the telephone base does not work.	• The default PIN is 0000.
I cannot hear any sound on my telephone system when on a **CELLULAR** call.	• Reset the telephone base. Unplug the electrical power. Wait for approximately 15 seconds, then plug it back in. • Turn off your cell phone, then turn it on again.
My phone doesn't work at all.	• Make sure the power cord is securely plugged in. • Make sure that the battery connector is securely plugged into the cordless handset. • Make sure the telephone line cord is securely and firmly plugged into the telephone base and the telephone wall jack. • Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the telephone base or charger when not in use.

Troubleshooting

	• Reset the telephone base. Unplug the electrical power. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset. • You may need to purchase a new battery. Please refer to **Battery installation & charging**, page 9, in this user's manual.
I cannot get a dial tone.	• First try all the suggestions above. • Move the cordless handset closer to the telephone base. You might have moved out of range. • If the previous suggestions don't work, disconnect the telephone base from the telephone jack and connect to a different phone. If there is no dial tone on that phone either, the problem is in your wiring or local service. Contact your local telephone company. • Your line cord might be malfunctioning. Try installing a new line cord.
I cannot dial out.	• First try all the suggestions above. • Make sure you have a dial tone before dialing. The cordless handset may take a second or two to find the telephone base and produce a dial tone. This is normal. Wait an extra second before dialing. • Eliminate any background noise. Noise from a television, radio or other appliances may cause the phone to not dial out properly. If you cannot eliminate the background noise, first try muting the cordless handset before dialing, or dialing from another room in your home with less background noise. • If the other phones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply).

Troubleshooting

My cordless handset isn't performing normally.	• Make sure the power cord is securely plugged into the telephone base. Plug the power adapter into a different, working electrical outlet not controlled by a wall switch. • Move the cordless handset closer to the telephone base. You might have moved out of range. • Reset the telephone base. Unplug the electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset. • Other electronic products can cause interference to your cordless phone. Try installing your phone as far away from these types of electronic devices as possible: television sets, VCRs, or other cordless telephones.
SEARCHING FOR BASE appears on my cordless handset.	• Ensure that the telephone base is powered up. • Place the cordless handset in the telephone base for one minute to allow the cordless handset and base to resynchronize. • Move the cordless handset closer to the telephone base. You might have moved out of range. • Reset the telephone base. Unplug the electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset. • Other electronic products can cause interference with your cordless phone. Try installing your phone as far away from these types of electronic devices as possible: television sets, VCRs, or other cordless telephones.

Troubleshooting

The batteries will not hold a charge.	• If the cordless handset is in the telephone base or charger and the charge light does not come on, refer to **The charge light is off** in this **Troubleshooting** guide. • Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the telephone base or charger when not in use. • You may need to purchase a new battery. Please refer to **Battery installation & charging**, page 9, in this user's manual.
I get noise, static, or weak signals even when I'm near the telephone base.	• If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone lines, you must install a DSL filter between the telephone base and the telephone wall jack (see page 7). The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters. • You may be able to improve the performance of your cordless phone by installing your new telephone base as far as possible from any other existing cordless telephone system that may already be installed. • Other electronic products can cause interference to your cordless phone. Try installing your phone as far away from the following electronic devices as possible: television sets, VCRs, or other cordless telephones. • Do not install this phone near a microwave oven or on the same electrical outlet. You may experience decreased performance while the microwave oven is operating. • If your phone is plugged in with a modem or a surge protector, plug the phone (or modem/surge protector) into a different location. If this doesn't solve the problem, re-locate your phone or modem farther apart from one another, or use a different surge protector.

	• Relocate your phone to a higher location. The phone will likely have better reception when installed in a high area. • If the other phones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply). • You may hear interference if your cellular phone is too close to the telephone base during a **CELLULAR** call. Make sure that your Bluetooth enabled cellular phone is between one to 12 feet away from the telephone base in order to maintain a reliable connection between your Bluetooth cell phone, telephone base, and cell tower.
I experience poor sound quality when using the speakerphone.	• For increased sound quality while using the speakerphone, place the handset on a flat surface with the dial pad facing up.
I hear other calls while using my phone.	• Disconnect the telephone base from the telephone jack, and plug in a different telephone. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone company.
My cordless handset does not ring when I receive a call.	• Make sure that the ringer is not turned off. Refer to **Ringer volume** on page 21 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. For optimum daily performance, return the cordless handset to the telephone base or charger when not in use.

Troubleshooting

	• You may have too many extension phones on your telephone line to allow all of them to ring simultaneously. Try unplugging some of the other phones. • The layout of your home or office might be limiting the operating range. Try moving the telephone base to another location, preferably on an upper floor. • If the other phones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply). • Test a working phone at the phone jack. If another phone has the same problem, the problem is the phone jack. Contact your local telephone company (charges may apply). • Other electronic products can cause interference with your cordless phone. Try installing your phone as far away as possible from electronic devices such as television sets, VCRs, or other cordless telephones. • Re-install the battery, and place the cordless handset in the telephone base. Wait for the cordless handset to re-establish its connection with the telephone base. Allow up to one minute for this to take place. • Your line cord might be malfunctioning. Try installing a new line cord.
My calls cut in and out while I'm using my cordless handset.	• Other electronic products can cause interference with your cordless phone. Try installing your phone as far away from the following electronic devices as possible: television sets, VCRs, or other cordless telephones. • Do not install this phone near a microwave oven or on the same electrical outlet. You may experience decreased performance while the microwave oven is operating.

Troubleshooting

	• If your phone is plugged in with a modem or surge protector, plug the phone (or modem/surge protector) into a different location. If this doesn't solve the problem, re-locate your phone or modem farther apart from one another, or use a different surge protector. • Relocate your telephone base to a higher location. The phone will have better reception when installed in a high area. • If the other phones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply).
The charge light is off.	• Make sure the power and line cords are plugged in correctly and securely. • Unplug the electrical power. Wait for 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset. • Clean the cordless handset and telephone base charging contacts each month using a pencil eraser or cloth.
My caller ID isn't working.	• Caller ID is a subscription service. You must subscribe to this service from your local telephone company for this feature to work on your phone. • Your caller must be calling from an area that supports caller ID. • Both you and your caller's telephone companies must use caller ID compatible equipment. • If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone lines, you must install a DSL filter between the telephone base and the telephone wall jack (page 7). The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

Troubleshooting

System does not receive caller ID when on a call.	• Make sure you subscribe to caller ID with call waiting features 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 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. Allow up to one minute for this to take place.

Maintenance

Taking care of your telephone

- Your cordless telephone contains sophisticated electronic parts, so it must be treated with care.
- Avoid rough treatment.
- Place the handset down gently.
- Save the original packing materials to protect your telephone if you ever need to ship it.

Avoid water

- Your telephone can be damaged if it gets wet. Do not use the handset in the rain, or handle it with wet hands. Do not install the telephone base near a sink, bathtub or shower.

Electrical storms

- Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, take caution when using electric appliances during storms.

Cleaning your telephone

- Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or a mild soap.
- Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in water. If the telephone base should fall into water, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORDS FROM THE WALL. Then pull the telephone out by the unplugged cords.

Important safety information

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 the 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 liquid, 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, see the Troubleshooting section on pages 61-70 of this user's manual.** If you cannot solve the problem, or if the product is damaged, refer to the **Limited warranty** on pages 78-80. Do not open this product except as directed in your user's manual. Opening the product or reassembling it incorrectly may expose you to hazardous voltages or other risks.
- **Replace batteries only as described in your user's manual.** Do not burn or puncture batteries — they contain caustic chemicals.
- **This power adapter is intended to be correctly oriented in a vertical or floor mount position.** The prongs are not designed to hold the plug in place if it is plugged into a ceiling or an under-the-table/cabinet outlet.

Important safety information

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

Especially about cordless telephones

- **Privacy:** The same features that make a cordless telephone convenient create some limitations. Telephone calls are transmitted between the telephone base and the handset by radio waves, so there is a possibility that your cordless telephone conversations could be intercepted by radio receiving equipment within range of the cordless handset. **For this reason, you should not think of cordless telephone conversations as being as private as those on corded telephones.**
- **Electrical power:** The telephone base of this cordless telephone must be connected to a working electrical outlet which is not controlled by a wall switch. **Calls cannot be made from the handset if the telephone base is unplugged, 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 telephone base of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.
- **Rechargeable batteries:** This product contains nickel-metal hydride rechargeable batteries. Exercise care in handling batteries in order not to create a short circuit with conductive 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-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 information

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

Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to digital cordless telephones):

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

Pacemaker patients

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

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

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 the 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 the 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.

Industry Canada

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation.

The term ''IC:'' before the certification/registration number only signifies that the Industry Canada technical specifications were met.

The Ringer Equivalence Number (REN) for this terminal equipment is 0.1. The REN is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five.

This product meets the applicable Industry Canada technical specifications.

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.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this telephone.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more.

This Class B digital apparatus complies with Canadian ICES-003.

Limited warranty

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

1. What does this limited warranty cover?

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

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

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

3. How long is the limited warranty period?

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

Limited warranty

4. What is not covered by this limited warranty?
This limited warranty does not cover:

- PRODUCT that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water, or other liquid intrusion; or
- PRODUCT that has been damaged due to repair, alteration, or modification by anyone other than an authorized service representative of the manufacturer; or
- PRODUCT to the extent that the problem experienced is caused by signal conditions, network reliability or cable or antenna systems; or
- PRODUCT to the extent that the problem is caused by use with non-AT&T accessories; or
- PRODUCT whose warranty/quality stickers, PRODUCT serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
- PRODUCT purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to products used for rental purposes); or
- PRODUCT returned without valid proof of purchase (see item 6 below); -or-
- Charges for installation or setup, adjustment of customer controls, and installation or repair of systems outside the unit.

5. How do you get warranty service?

To obtain warranty service in the United States of America, visit **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, call **1 (866) 288-4268**. NOTE: Before calling for service, please review the user's manual; a check of the PRODUCT controls and features may save you a service call.

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

Limited warranty

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.

6. What must you return with the PRODUCT to get warranty service? You must:
   a. Return the entire original package and contents including the PRODUCT to the service location along with a description of the malfunction or difficulty; and
   b. Include "valid proof of purchase" (sales receipt) identifying the PRODUCT purchased (PRODUCT model) and the date of purchase or receipt; and
   c. Provide your name, complete and correct mailing address, and telephone number.
7. Other limitations

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

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

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the PRODUCT is fit for ordinary use) are limited to one year from date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event shall the manufacturer be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the PRODUCT or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this PRODUCT. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your original sales receipt as proof of purchase.

Appendix J

Technical specifications

RF frequency band	1921.536 MHz — 1928.448 MHz
Channels	5
Operating temperature	32°F — 122°F 0°C — 50°C
Telephone base voltage (AC voltage, 60Hz)	96 — 129 Vrms
Telephone base voltage (AC adapter output)	6VDC @400mA
Handset voltage	2.4 — 3.2 VDC
Charger voltage (AC adapter output)	6VAC @300mA
Replacement battery	2.4V 750mAH

Operation	**Operating time***
Talk time (handset)	Up to nine hours
Talk time (speakerphone)	Up to two hours
Standby	Up to five days

* Operating times will vary depending on your actual use and the age of the battery.

Technical specifications

DECT 6.0 digital technology

The AT&T DECT 6.0 products offer unsurpassed range performance and sound clarity. This is achieved through a unique antenna design and advances in noise-filtering technology. An independent laboratory has confirmed that AT&T DECT 6.0 products perform up to 45% better in range competitions. Now calls can be taken in the basement, backyard and garage with exceptional sound quality.

Telephone operating range

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

Extended range and clarity

This telephone base comes with an antenna which gives much better clarity and covers a longer range than before.

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