

1  **DIR▲**2  **DIR▲**

To display first entry

 **DIR▲**

To scroll name by name

 **5**


To search alphabetically

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** on the cordless handset (or **CLEAR** at the base) anytime to exit the directory.

To browse through the directory

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

A  appears in the display of each entry on the cordless handset that has been assigned a distinctive ring (page 27).

To search alphabetically

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

Press dial pad buttons once for the first letter, twice for the second, three times for the third, as shown on page 26.



NOTE: When searching alphabetically, press a dial pad button, if there are no entries beginning with the letters on that button, the handset will show **NO DATA**.

To call a displayed number

When the desired entry is displayed, you can dial it immediately:

On the cordless handset, press **PHONE/FLASH** to dial.

At the base, press **DISP DIAL** or press **SELECT** twice to activate the speakerphone and dial the number. You can continue the call on speakerphone, or lift the corded handset.



NOTE: To place a call on the corded handset using a directory entry, lift the corded handset, press the **▲DIR** button until you find the entry and press **DISP DIAL** on the base.

1  **DIR▲**2  **DIR▲**3  **SELECT/TRANSFER** **DIR▲** **DIR▲**

Press **SELECT/TRANSFER** to choose blinking option on the handset.

**NOTES:**

1. Screens shown above are displayed on the cordless handset. The telephone base display is slightly different, but the procedure is the same.
2. See page 27 for instructions on dialing a directory entry from the base.

To dial or change an entry

You can make existing directory entries to speed dial entries if they are stored in the handset. You can also change names, numbers and the distinctive ringing settings, or erase entries, that are stored in the cordless handset or the telephone base. When any entry is displayed, press **SELECT/TRANSFER** to see the options. Press **▼CID** or **DIR▲** to highlight the option you want (blinking text), then press **SELECT/TRANSFER**.

To make an entry a speed dial entry (cordless handset only)

When *SPEED* is blinking, press **SELECT/TRANSFER**, then dial a memory location (1-9) to make this entry a speed dial entry.

If you choose a memory location that is already assigned to a different entry in the directory, that entry will remain in the directory, but will not have a speed dial location.

To edit an entry

Press **▼CID** or **DIR▲** until *EDIT* is blinking, then press **SELECT/TRANSFER**. You can change the name and number (or distinct ring setting on the cordless handset) by following the steps described on pages 26-27.

To delete an entry

Press **▼CID** or **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 abort the procedure and leave the entry intact, press **▼CID** to highlight *NO*, then press **SELECT/TRANSFER**.



Caller ID summary

Information about caller ID with call waiting

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

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

It may be necessary to change your telephone service in order to use this feature. Contact your telephone company if:

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



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

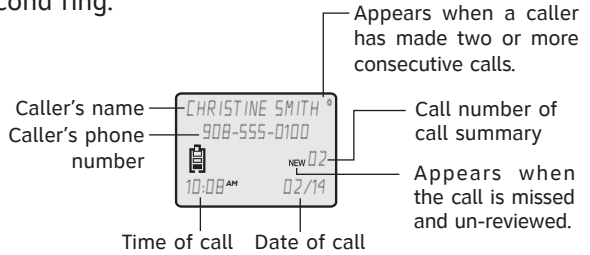
Depending on your service, you may see the caller's number or the caller's name and number. This product can provide information only if both you and the caller are in areas offering caller ID service and if both telephone companies use compatible equipment. The time and date are sent by the telephone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

Caller ID summary



How caller ID works

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



Information about the last 30 incoming calls is stored in the call summary. You can review the call summary to find out who has called, return the call, or copy the caller's name and number into directory.

If the caller has made two or more consecutive calls, the repeat tag (*) will be displayed in the top right corner of the screen.

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

If you answer a call before the information appears on the screen, it will not be saved in the call summary.

About names

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

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

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



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. 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 exactly match a number in your directory, the name will appear as delivered by the telephone company. For example, if the telephone company includes the area code and the directory number does not, the name will appear as delivered by the telephone company.

Caller ID operation

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

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

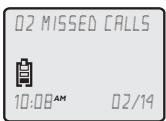


Missed calls

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

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

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



Caller ID memory

Memory capacity



NOTES:

1. The call summary on the cordless handset and telephone base are not shared. Actions taken on one will not affect the other.
2. Only the cordless handset will show the order of the calls in the call summary.

The telephone base and each cordless handset has its own directory. Each directory can store up to 30 caller ID records. These numbers are available for subsequent retrieval or for saving into the internal directory for long-term storage until they are deleted.

Caller information is stored chronologically with the most recent call being assigned the next number, i.e. if there are already 15 calls logged into the call summary, the next incoming call will be call number 16.



Reviewing the call summary

- Press **▼CID** on the telephone base or the cordless handset to activate the call summary record on the telephone.
- Press the arrow keys (**▼CID** and **DIR▲** on the telephone base or on the cordless handset) to scroll through the incoming records to review incoming calls and check for missed calls.
- Consecutive incoming calls from the same telephone number are identified with an asterisk (*) at the top right corner of the screen and will be counted as one call in the call summary.
- When there are already 30 entries in the call summary, the next incoming call will automatically cause the oldest entry to be deleted from the call summary of the cordless handset (or base).





Caller ID memory

Dialing from the call summary

- Press **▼CID** on the telephone base or on the cordless handset to activate the call summary.
- Press **▼CID** or **DIR▲** on the telephone base or on the cordless handset to scroll to the desired number to be dialed.
- Press **DISP DIAL** below the screen on the telephone base or press **PHONE/FLASH** on the cordless handset to contact the person whose name is displayed on the screen.



NOTE: If the number displayed is not in the correct format, press **#** to select the desired dialing options.

Storing a record from the call summary into the directory

- Press **▼CID** on the telephone base or on the cordless handset to activate the call summary.
- Press **▼CID** or **DIR▲** on the telephone base or on the cordless handset to scroll to the caller entry to be stored in the directory.
- When the desired entry is displayed, press **SELECT/TRANSFER** on cordless handset or **SELECT** on telephone base.
- When the options *DIAL* and *PROGRAM* appear on the screen with the word *PROGRAM* flashing, press **SELECT/TRANSFER** on cordless handset or **SELECT** on telephone base



NOTES:

1. When there are unanswered calls, the screen on the telephone will show the number of missed calls.
2. When only some of the missed calls have been reviewed, the screen on the telephone will continue to show the remaining number of unreviewed calls.

- The cursor will flash on the first letter of the top row. If it is necessary to edit the name before entering it into the directory, use the **▼CID** on both cordless handset and telephone base then use **INTERCOM/CID DEL** on telephone base or **INT/DELETE** on the cordless handset to delete existing characters, or use the keypad to make changes to the name to be used in the directory (page 26).

Caller ID memory



- Press **SELECT/TRANSFER** on the cordless handset or **SELECT** on the telephone base to edit the telephone number. You can make any changes to the number by using the **▼CID** then **INTERCOM/CID DEL** on the telephone base and **INT/DELETE** on the cordless handset to erase characters, or using the dial pad to enter new ones (see pages 26-27 for instructions).
- To choose to assign a distinctive ring to an entry, press **SELECT/TRANSFER** on the cordless handset or **SELECT** on the telephone base. Press **▼CID** or **DIR▲** to choose **Y** (for yes) or **N** (for no). If you choose yes (and if you have caller ID service), a different ringing style will alert you when this person calls (This step is for the cordless handset only).
- Press **SELECT/TRANSFER** on the cordless handset or **SELECT** on the telephone base again and a long beep will sound signal that the information has been stored in the directory.

Deleting a number from the call summary

- Press **▼CID** on the telephone base or on the cordless handset to activate the call summary.
- Press **▼CID** or **DIR▲** on the telephone base or on the cordless handset to scroll to the incoming call entry to be deleted.
- When the desired record is displayed on the screen, press **INTERCOM/CID DEL** on the telephone base (**INT/DELETE** on the cordless handset) to delete the entry.



NOTES:

1. Deleting an incoming call record on the telephone base does not automatically delete the same record from the cordless handset. Likewise, deleting an incoming call record on the cordless handset does not automatically delete the same record from the telephone base.
2. When an entry is deleted, the next oldest record is displayed.
3. See page 34 for instructions on dialing a call summary entry.

Caller ID memory

Deleting all caller ID records



telephone base



cordless handset

- Press and hold **INT/DELETE** on the cordless handset or **INTERCOM/CID DEL** on the telephone base for two seconds or longer to clear all entries in the call summary.
- A message appears on the screen asking you to confirm that you want to delete all entries in the call summary.
- If you press **DIR** then **SELECT/TRANSFER** on cordless handset or **SELECT** on telephone base to select YES, the call summary will be cleared and the screen will return to the normal standby display, the telephone base displays *NO MISSED CALLS*, and the cordless handset displays the date and time only.



NOTE: The cordless handset and the telephone base call summary are independent, so deleting the entire call summary on one will not affect the call summary of the other.

Caller ID operation

Call waiting

If you have subscribed to call waiting service from your local telephone company, you will hear a beep if there is an incoming call while you are already on the phone.

The telephone number of the new incoming call will also be displayed on the screen.

- Press **PHONE/FLASH** on the cordless handset or **FLASH** on the telephone base to put your current call on hold and take the new call.
- Press **PHONE/FLASH** on the cordless handset or **FLASH** on the telephone base to switch back to the original call.



Answering system operation

Message capacity

The answering system can record up to 95 messages, depending on the length of each message. Individual messages can be up to four minutes long, and total maximum recording time is 15 minutes. Messages will remain available for replay until you delete them.

Voice prompts

Each time you press any answering system key, the answering system will use voice prompts to guide you.



Message counter

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

Press to repeat message, press **twice** to play previous message (page 42).

Press to delete message currently playing, hold to delete all old messages in idle mode (page 42).

Press to turn answering system on or off.

Press repeatedly to hear setup options (page 41).

Press to review or set clock (page 39).

Press to start or stop message playback (page 42).



Press to adjust playback volume (page 41).

Press to skip message (page 42).

Press to review or record announcement, press again to quit (page 40).

Press to record a memo (page 42) or after pressing **ANNC.** to record an outgoing announcement (page 39).



Day & time announcements

To set day and time

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

Before using the answering system, follow the steps on the left to set the day and time so messages are dated correctly. 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.

1.  Press **CLOCK**


The system will announce 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.

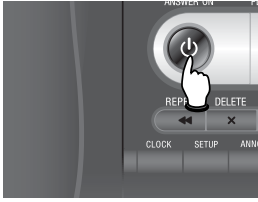
To check day and time

You can press **CLOCK** at any time to hear the current day & time without changing it.



NOTES:

1. You can press and hold ►SKIP or ◀REPEAT to increase or decrease the minute or year by increments of 10.
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 you set the time once, it will always be set automatically with incoming caller ID information. The time will be set automatically only if you subscribe to caller ID service provided by your local telephone company (page 30).



Press to stop recording.

1. **ANNC.**



"Announcement. Press **PLAY** or press **RECORD**."

2. **PLAY/STOP**



(Plays announcement previously recorded).

-OR-

3. **RECORD**



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

4. Speak into microphone.



Microphone

5. **PLAY/STOP**



(Announcement is played back).

6. **ANNC.**

to exit announcement programming.

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 voice.



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

To play your outgoing announcement

Press **ANNC.** until you hear "Announcement. Press **PLAY** or press **RECORD**." Then press **PLAY/STOP**. You will hear the outgoing announcement. Press **ANNC.** to exit the announcement menu.

To record your outgoing announcement

Press **ANNC.** until you 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 toward the telephone base from about nine inches away. Press **PLAY/STOP** when you are done. Your recorded announcement will be played back. Press **ANNC.** to exit the announcement menu.

Elapsed time (in seconds) will be shown in the message window when recording. 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.** until you hear "Announcement. Press **PLAY** or press **RECORD**." Then press **PLAY/STOP** to begin playback. Press **DELETE** during playback to delete your announcement. Press **ANNC.** to exit the announcement menu.

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



Changing feature options

Menu 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** then **SETUP** to change the setting. Press **▶PLAY/STOP** to confirm the setting and exit the menu.

1. **SETUP**

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

2. **▶SKIP** or **◀REPEAT**

Press until desired selection is heard.

3. **SETUP**

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

- OR -



Press to set selection and **exit** menu.

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 number of rings before the system answers a call. When toll saver is active, the system answers after two rings if you have new messages, and after four rings if you have no new messages. When retrieving messages from a long distance call, you may disconnect your call after three rings so that there will be no long distance charge incurred.

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

When on, you can hear callers leave messages, or answer the call.

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

Enter a two-digit number (10-99) for remote access from another telephone (page 44).

"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.



NOTE: Press and hold **▶SKIP** or **◀REPEAT** to increase or decrease the remote access code number by increments of 10.

Number of messages (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 at right.

2. **▶/■** **PLAY/STOP**

Message playback ends.



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



Answering system operation

Message playback

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

If you have new messages waiting, you will hear only the new messages (oldest first). If there are no new messages, the system will playback all messages (oldest first).

Announcements

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

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 hear previous message.
- Press **DELETE** to delete message being played back.
- Press **▶/■** **PLAY/STOP** to stop playback.

To delete all messages

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



NOTE: New (unheard) messages cannot be deleted.

Recording & 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 are using the answering system.



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 as you record. You can record a memo up to four minutes long. Memos less than one second long will not be recorded. Press  **PLAY/STOP** to stop recording.

To play back a memo

Press  **PLAY/STOP** to hear messages and memos (see page 42 for other options).



Answering system mode

The answering system's default factory setting is **ON** in order to answer and record messages. You can turn the answering system off, which disables the answering system from answering calls or recording incoming messages.

1. **ANSWER ON**

until the system announces
"Calls will not be answered."

2. "Beep"

The system has been
turned off.

- OR -

1. **ANSWER ON**

until the system announces
"Calls will be answered."

2. "Beep"

The system has been turned
on.

To turn the answering system off

Press **ANSWER ON** until you hear "Calls will not be answered" and a confirmation beep. The **ANSWER ON** will be turned off.



NOTE: If the answering system is off and someone calls, the telephone will ring 10 times then answer and announce "Please enter your remote access code." Enter your remote access code to enter remote access mode (page 41). If you do not enter the correct remote access code, the call will be ended automatically.

To turn the answering system on

Press **ANSWER ON** until you hear "Calls will be answered" then a beep to confirm the **ON** setting. The **ANSWER ON** light will be turned on.

Call screening

If the answering system is on and the base volume is not off, you will hear the announcement and the incoming message when a call comes in.

Call intercept

While you are call screening, you can intercept the call by pressing **PHONE/FLASH** or **SPEAKER** on the handset or lifting the handset.

Remote access

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

A two-digit security code is required to access your answering system from any touch-tone telephone. This code is **19** by default, see **Changing feature options** (page 41) to change it.

Play all messages 1	Press to hear all messages.
Play new messages 2	Press to hear new messages.
Delete the message 3 33	Press once during playback to delete current message. Press twice to delete all old messages in idle mode.
Repeat or go back 4	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 5	Press to stop any operation (stop playback, stop recording).
Skip to next message 6	Press to skip the current message and advance to next message.
Record announcement *7 to begin recording 5 to stop recording	Press * 7 , wait for the beep, then begin speaking. Press 5 to stop recording and hear the playback of new announcement.
Help menu *5	Press to hear list of features and commands.
Turn system off 0	Press to turn off answering system. Incoming calls will no longer be answered.
Turn system on 0	If off, system will answer after 10 rings. Enter your access code, then press 0 to turn the answering system on.
Exit 8	Press 8 or hang up to end the remote access call.



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

Display screen messages



Screen display messages

<i>CONNECTING...</i>	The handset is waiting for a dial tone.
<i>** RINGING **</i>	There is a call coming in.
<i>** PAGING **</i>	An intercom call has been initiated. (all cordless handsets beep to help you locate them).
<i>NEEDS RECHARGING</i>	Handset battery is depleted. Place handset in charger to charge the battery.
<i>BATTERY LOW</i>	Handset battery is low. Place handset in charger to charge the battery.
<i>PHONE ON</i>	The handset is in use.
<i>RINGER OFF</i>	The handset ringer is turned off.
<i>HOLD</i>	Current call is on hold.
<i>SCANNING...</i>	Handset is scanning for a clear channel to improve sound quality.
<i>MEMORY FULL</i>	You are saving to a full directory.
<i>SPEAKER</i>	The speakerphone is in use (only for telephone base).
<i>MICROPHONE MUTED</i>	The call switches from normal call to mute (only for telephone base).
<i>MICROPHONE ON</i>	The call switches from mute to normal call (only for telephone base).
<i>OTHER HANDSET ON</i> and then <i>OR OUT OF RANGE</i>	Another cordless handset is on a call. Or cordless handset cannot communicate with base. Check base power, or move closer.

Display screen messages



Screen display messages

OTHER HANDSET ON Another cordless handset is on a call.
and then
OR OUT OF RANGE Or cordless handset cannot communicate with base. Check base power, or move closer.

XX MISSED CALLS There are missed and un-reviewed calls in your call summary.







CALL TRANSFERRED You are transferring an external call on your cordless handset to another cordless (destination) handset.

TRANSFERRED CALL The destination cordless handset is receiving a transferred call. Or when the transferred call is not answered within 30 seconds on the destination handset, the originating handset displays this message and starts ringing.

Indicator lights & alert tones



Alert tones

	"Beep-Beep...Beep-Beep..." (Double beep every five seconds)	Handset battery is low. Place handset in charger to charge the battery.
	"Beep-Beep-Beep-Beep" (Five quick beeps)	Error tone (current operation has been unsuccessful; try again).
	"Beeeeeeeeee" (One long beep)	Confirmation tone (current operation has been successfully completed).
	"Beep" (One beep every 10 seconds)	Message alert at the telephone base (there are new messages).
	"Siren" (Alternating tones)	Handset is being paged.
	"Beep-Beep " (Two beeps)	The volume level is at the maximum or minimum setting.

Indicator lights

ANSWER ON

- On: Answering system is on.
- Off: Answering system is off.

IN USE

- **Steady:** Line is in use.
- **Flashing:** Call is on hold (Also flashes in cadence with ringing to announce an incoming call).



SPEAKER

On when speaker-phone or intercom is in use.

VOICEMAIL

Flash when you have new voicemail.

CHARGE

On when the handset is charging in charger.



Adding and replacing handsets

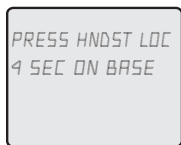
Your telephone can accommodate up to four cordless handsets. You can add new handsets (TL77008, sold separately) to the TL74108/TL74208 anytime, but each handset must be registered with the same telephone base before use. Each handset must be registered separately.

The handset provided with your TL74108 is automatically registered as handset 1. Additional handsets will be assigned numbers in the order they are registered (handset 2, handset 3, or handset 4).


The TL74208 has two handsets automatically registered as handset 1 and 2. You can register two additional handsets, which will be assigned number 3 and 4.



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



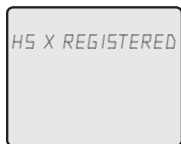
To register a handset to your telephone base

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 will show **PLEASE WAIT...** and it will take about 10 seconds to complete the registration. The handset will show **HS X REGISTERED** and will beep if registration is successful.



NOTES:

1. If the registration is not successful, the display will show **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 telephone connected to the same telephone line is in use.



Adding and replacing handsets

You may need to de-register your handsets if:

You have the maximum number of registered handsets (four) 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 ALL the handsets 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/INTERCOM** on the telephone base for about 10 seconds (until the **IN USE** light turns on and starts to flash), then release the **HANDSET LOCATOR/INTERCOM** button.
2. Immediately press and release **HANDSET LOCATOR/INTERCOM** again. You must press **HANDSET LOCATOR/INTERCOM** while the **IN USE** light is still flashing. (The light flashes for about seven seconds. When the light stops flashing, pick up the handset and place it back into the telephone base, then start again with step number one above).
3. The handset(s) will show **CONNECTING...** and it will take about 10 seconds to complete the de-registration process. All handsets will show **NOT REGISTERED** if de-registration is successful.



3. To re-register the handset(s) to the telephone base, follow the registration instructions on page 49.



NOTES:

1. If the de-registration process is not successful, you may need to reset the system and try again. To reset: pick up the handset and press the **PHONE/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 then plugging it back in.
2. You cannot de-register the handset(s) if any telephone connected to the telephone line 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**.

My telephone does not work at all

- Make sure the power cord is securely plugged in.
- Make sure the battery is installed and charged correctly (page 7).
- Make sure the telephone line cord is plugged firmly 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 charger when not in use.
- Reset the base. Unplug the telephone's electrical power. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and base to reset.
- You may need to purchase a new battery, please refer to page 7 of this user's manual.
- Disconnect the telephone base from the modular jack and plug in a working telephone. If it still does not work, the problem is probably in the wiring or the local service. Call the local telephone company.

I cannot get a dial tone

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

I cannot dial out

- First try all the suggestions above.
- Make sure you have a dial tone before dialing. The cordless handset may take a second or two to find the telephone base and produce a dial tone. This is normal. Wait an extra second before dialing.
- Make sure your telephone is set to the correct dial mode for the type of service that you have (pulse or touch tone). Refer to the **Base settings** section of this user's manual (page 13) to set the dial mode.

Troubleshooting

- 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).
- 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, first try muting the cordless handset before dialing, or dialing from another room in your home with less background noise.

My cordless handset beeps five times and is not performing normally

- Make sure the power cord is securely plugged into the base. Plug the telephone 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 telephone's electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and base to reset.
- Other electronic products can cause interference to your cordless phone. Try installing your 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.

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 charger when not in use.
- Make sure the handset is placed in the charger correctly. The **CHARGE** light on the charger should be on.
- If the cordless handset is in the charger but the **CHARGE** light is not on, refer to **The CHARGE light is off** in this section.
- It may be necessary to purchase a new battery, please refer to the **Batteries** section of this user's manual.
- Your telephone might be malfunctioning. Please refer to the **Limited warranty** section of this user's manual for further instruction.

Troubleshooting

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

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

- 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.
 - Microwave ovens operate on the same frequency as your telephone. It is normal to experience static on your telephone while the microwave oven is operating. Do not install this telephone in the same outlet or near a microwave oven.
 - If your telephone is plugged in with a modem or a surge protector, plug the telephone (or modem/surge protector) into a different location. If this solves the problem, re-locate your telephone or modem farther apart from 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 higher area.
 - 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).
 - If you subscribe to DSL service and if you hear noise during conversations and/or your caller ID features are not functioning properly, install a DSL filter to the telephone line between the base telephone and the telephone line jack. Contact your DSL provider to obtain a DSL filter.
-

I hear other calls while using my telephone

- 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 or buttons work

- Make sure the power cord is plugged in securely.

My cordless handset does not ring when I receive a call

- Make sure that the ringer is turned on. 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. For optimum daily performance, return the cordless handset to its charger when not in use.
- 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 telephone 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 wireless routers, radios, radio towers, pager towers, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless telephones.
- Your line cord might be malfunctioning. Try installing a new line cord.

Troubleshooting

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

- Appliances or other cordless telephones plugged into the same circuit as the telephone base can cause interference. Try moving the appliance or telephone base to another outlet.
- Other electronic products can cause interference to your cordless telephone. Try installing your telephone as far away as possible from the following electronic devices: wireless routers, radios, radio towers, pager towers, cellular telephones, digital telephones, intercoms, room monitors, televisions, VCRs, personal computers, kitchen appliances, and other cordless telephones.
- Microwave ovens operate on the same frequency as your telephone. It is normal to experience static on your telephone while the microwave oven is operating. Do not install this telephone in the same outlet or near a microwave oven.
- If your telephone is plugged in with a modem or a surge protector, plug the telephone (or modem/surge protector) into a different location. If this solves the problem, relocate your telephone or modem farther apart from each other, or use a different surge protector.
- If you have a headset plugged into the handset, try unplugging it and firmly plugging it in again.
- The layout of your home or office might be limiting the operating range. Try moving the base to another location, preferably a higher location for better reception.
- Disconnect the telephone base from the modular jack and plug in a corded telephone. If calls are still not clear, the problem is probably in the wiring or local service. Contact your local service company (charges may apply).
- Select channels four through 10 for your router (refer to the user's manual of your router for more information).
- If the other telephones in your home are having the same problem, the problem is in the wiring or local service. Contact the local telephone company (charges may apply).
- Do you have DSL service? If yes, you need to have a DSL filter installed at every telephone jack that has a telephone connected to it. Contact your DSL service provider for filter information.

Troubleshooting

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

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

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

- 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 seven 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 caller's voice is very soft, the system may stop recording and disconnects the call.
-

- Difficulty hearing messages
- Press the **◆VOLUME** button on the telephone base to increase speaker volume.
 - Remove any stickers that may have come on your telephone base and/or handset when you purchased it, they may be obstructing your messages when you play them.

Troubleshooting

System does not answer after correct number of rings

- Make sure that the answering system is on (page 38).
- If toll saver is activated, the number of rings changes to two when there are new messages waiting (page 41).
- 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 answering system is off, the system will answer after 10 rings.

System does not record message

- Make sure answering system is on (page 38).

System does not respond to remote commands

- Make sure to enter your remote access code correctly (pages 46).
- Make sure you are calling from a touch-tone telephone. When dialing a number, you should hear tones. If you hear clicks, it is not a touch-tone telephone and cannot activate the answering system.
- The answering system may not detect the remote access code while your announcement is playing. Try waiting until the announcement is over before entering the code.
- There may be noise or interference on the telephone line you are using. Press dial pad buttons firmly.

Announcement message is not clear

- When you record 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.

Common cure for electronic equipment

- If the telephone does not seem to be responding normally, try putting the cordless handset in its 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 and charger.
 - Re-install the telephone base and charger and place the cordless handset into the charger.
 - Wait for the cordless handset to re-establish its connection with the base. Allow up to one minute for this to take place.

Important safety instructions



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

Safety information

- **Read and understand all instructions in the user's manual. Observe all markings on the product.**
- **Avoid using a telephone during a thunderstorm.** There may be a slight chance of electric shock from lightning.
- **Do not use a telephone in the vicinity of a gas leak.** If you suspect a gas leak, report it immediately, but use a telephone away from the area where gas is leaking. If this product is a cordless model, make sure the base is also away from the area.
- **Do not use this product near water, or when you are wet.** For example, do not use it in a wet basement or shower, or next to a swimming pool, bathtub, kitchen sink, or laundry tub. Do not use liquids or aerosol sprays for cleaning. If the product comes in contact with any liquids, unplug any line or power cord immediately. Do not plug the product back in until it has dried thoroughly.
- **Install this product in a protected location** where no one can trip over any line or power cords. Protect cords from damage or abrasion.
- **If this product does not operate normally, read Troubleshooting in this user's manual.** If you cannot solve the problem, or if the product is damaged, refer to the limited warranty. Do not open this product except as may be directed in your user's manual. Opening the product or reassembling it incorrectly may expose you to hazardous voltages or other risks.
- **If this product has user-replaceable batteries, replace batteries only as described in your user's manual.** Do not burn or puncture batteries — they contain caustic chemicals.
- **If this product has a three-prong (grounding) plug or a polarized plug with one wide prong,** it may not fit in non-polarized outlets. Do not defeat the purpose of these plugs. If they do not fit in your outlet, the outlet should be replaced by an electrician.



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

Important safety instructions

Especially About Cordless Telephones

- **Privacy:** The same features that make a cordless telephone convenient create some limitations. Telephone calls are transmitted between the telephone base and 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. The electrical outlet should not be controlled by a wall switch. **Calls cannot be made from the handset if the telephone base is unplugged or switched off, or if the electrical power is interrupted.**
- **Power adapter:** This power adapter is intended to be plugged into a vertical wall outlet or a floor outlet.
- **Potential TV interference:** Some cordless telephones operate at frequencies that may cause interference to TVs and VCRs. To minimize or prevent such interference, do not place the telephone base of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.
- **Rechargeable batteries:** This product contains either Nickel-Cadmium or Nickel-Metal Hydride rechargeable batteries. Exercise care in handling batteries in order not to short the battery with conducting material such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the battery charger.
- **Nickel-cadmium rechargeable batteries:** Must be recycled or disposed of properly. Do not dispose of in household garbage. Do not burn or puncture. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.



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

Important safety instructions

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



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

Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to digital cordless telephones):

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

Pacemaker patients

- Should keep wireless 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.

Especially about telephones answering systems

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

SAVE THESE INSTRUCTIONS

FCC part 68 & ACTA

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

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

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

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

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

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

FCC part 68 & ACTA

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

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

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

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

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 0.1B. 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. If you choose to use a clipping device, please make sure to only use the supplied AT&T belt clip.

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 our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

1. What does this limited warranty cover?

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

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

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

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 telephone.

5. How do you get warranty service?

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

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

Limited warranty

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

You must:

- a. Return the entire original package and contents including the PRODUCT to the service location along with a description of the malfunction or difficulty; and
- b. Include “valid proof of purchase” (sales receipt) identifying the PRODUCT purchased (PRODUCT model) and the date of purchase or receipt; and
- c. Provide your name, complete and correct mailing address, and telephone number.

7. Other limitations

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

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

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Please retain your original sales receipt as proof of purchase.

Technical specifications

RF frequency band (handset to telephone base)	2400MHz — 2483.5MHz
RF frequency band (telephone base to handset)	5725MHz — 5850MHz
Channels	95
Base Backup battery	3 X AAA Alkaline battery
Operating temperature	32°F — 122°F 0°C — 50°C
Telephone base voltage (AC voltage, 60Hz)	96 — 130 Vrms
Telephone base voltage (AC adapter output)	DC9V @600mA
Handset voltage	3.2 — 4.7VDC @550mAh
Charger voltage (AC adapter output)	DC9V @200mA
Replacement battery	3.6V 600mAh

5.8 GHz digital spread spectrum frequency hopping technology

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

Telephone operating range

This cordless telephone operates within the maximum power allowed by the Federal Communications Commission (FCC). Even so, this handset and 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.

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Remote access wallet card

Use the wallet card below to help you remember commands to control your answering system from any touch tone telephone.

Cut along dotted line



Call your phone number, then enter your two-digit access code (preset to 19).

Action	Remote command
Play all messages	1
Play new messages.....	2
Delete the message.....	3
Delete all old messages	33
Repeat a message	4
Stop.....	5
Help menu	*5
<hr/>	
Skip the message.....	6
Record announcement	*7
Turn system off/on.....	0
End remote access call.....	8 (or hang up)

Fold card here

TL74108/TL74208/TL74258/TL74358/TL74458
5.8 GHz corded/cordless telephone/answering system

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