

Number of messages stored (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.

NOTES:

1. If **F** is flashing in the message window, memory is full. You will have to delete some messages before new ones can be received.
2. New (unheard) messages cannot be deleted.
3. If the system has many old messages and is full, press **X DELETE**. There will be a voice prompt to direct you to press **X DELETE** again to delete all old messages. This will take up to 14 seconds.

Message playback

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

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

Announcement

When playback begins, you will hear the total number of messages.

Before each message, you will hear the day and 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 **X DELETE** to delete message being played back.

Press **▶/■ PLAY/STOP** to stop playback.

To delete all messages

To delete all old messages, press **X DELETE** while the telephone is in idle mode, you will hear "To delete all old messages, press **DELETE** again.", press **X DELETE** again to complete the procedure, "All old messages deleted." will then be announced.

Elapsed recording time (seconds).



Press to stop recording.

1. **RECORD**

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

2. Speak into microphone.



Microphone

3. **PLAY/STOP**

"Recorded, Beep."
(Memo has been recorded).

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.

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 38 for other options).

Message counter displays

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



Message counter displays

<i>0</i>	No messages.
<i>0</i> (flashing)	The clock needs to be set. (page 35)
<i>1-99</i>	Total number of messages and memos, or message number currently playing.
<i>1-99</i> (flashing)	Total number of messages and memos. The number flashes when there are new (un-reviewed) messages. After a power failure, the number in the message counter will flash to indicate the clock needs to be set.
<i>10-99</i>	Current remote access code while setting (page 37).
<i>1-99</i> (counting)	Elapsed time while recording a memo (page 39) or announcement up to 90 seconds (page 36).
<i>99</i> (flashing)	Memo recording has exceeded the maximum counter display capacity of 99 seconds.
<i>F</i> (flashing)	Memory is full. Messages must be deleted before new messages can be recorded.
--	System is answering a call, being accessed remotely, or the clock is being set.
-- (flashing)	System is being setup, initialized or messages are being deleted.
<i>02, 04, 06, 85</i>	Current number of rings while setting (page 37).
<i>1-8</i>	Displayed for two seconds while telephone base speaker volume is being adjusted.
<i>H1, L0, 0F</i>	Displayed for two seconds while the telephone base ringer volume is being adjusted.

Answering system mode

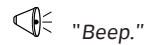
The default setting for the answering system is to be on. You can turn the answering system off, but if you do so, the answering system will not answer calls and record incoming messages.



To turn the answering system on/off

ANSWER ON

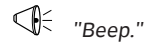
Press until the system announces "Calls will not be answered."



The system has been turned off.

ANSWER ON

Press until the system announces "Calls will be answered."



The system has been turned on.

Press **ANSWER ON** to turn off your answering system. The system will announce "Calls will not be answered" and then beep to confirm the system is off. The **ANSWER ON** light will be off.

To turn the system back on, press **ANSWER ON**, the system will announce "Calls will be answered" and then beep to confirm the system is on. The **ANSWER ON** light will be on.



NOTE: If the answering system is off, and there is an incoming call, the system will answer after 10 rings and announce to the caller "Please enter your remote access code." You can enter your remote access code to enter the remote access mode (page 42). If no correct remote access code is entered, the call will be ended automatically.

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 screening a call, you can interrupt the answering system and speak to the caller by pressing **PHONE/FLASH** or **SPEAKER** on the handset. The answering system will stop recording.

Remote access

You can access your answering system remotely by dialing your home telephone number from any touch-tone telephone.

To remotely access your answering system:

1. Dial your telephone number from any touch-tone telephone.
2. When the system answers, enter the two digit remote access code (**19** is the default code, see page 37 to change it).
 - If you have new messages, the system will automatically announce the number of new messages and then begin to play them.

3. Enter the following remote commands.

Commands in remote standby mode:

- | | |
|-----|---|
| ① | Press to hear all messages. |
| ② | Press to hear only new messages. |
| ③ | Press to delete the current message (during playback). |
| ③ ③ | Press twice to delete all old messages |
| ④ | Press to repeat the current message (during playback). |
| ④ ④ | Press twice to hear the previous message. |
| ⑤ | Press to stop any operation (including recording). |
| ⑤ ⑤ | Press to hear a list of remote commands. |
| ⑥ | Press to skip to the next message (during playback) |
| ⑤ ⑦ | Press to record a new announcement. |
| ⑥ | Press to turn the answering system on or off. |
| ⑧ | Press to end remote access (the call will be terminated). |

4. Hang up to end the call and save all undeleted messages.

If desired, cut out the remote access wallet card at the back of this user's manual for quick reference.



NOTES:






1. 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 for another 20 seconds, the call will end automatically.
2. If the system has many old messages, press **3** twice in remote standby mode to delete them. This process could take up to 18 seconds and you will hear a beep every second to alert you the system is deleting the messages. If you hang up while the system is deleting all old messages, the system will stop the deletion and exit. In this case, only some of the old messages will be deleted.
3. If memory is full, after 10 rings the answering system will announce "Memory is full, enter the remote access code." Enter your remote access code to enter remote access code.

Screen icons, indicator lights & tones


Screen icons & alert tones




Screen icons

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

Handset alert 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 off-hook.
- Confirmation tone** Command completed successfully.

Telephone base tones

- One beep every 10 seconds** Message alert.
- A series of beeps** **VOLUME**  keys are pressed when the volume is already at its highest or lowest setting.

Indicator lights

IN USE

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



ANSWER ON

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

VOICEMAIL

Flashes when you have new voice mail. This service is provided by your local telephone company, (different from the answering system on the telephone base).

CHARGE

On when the handset is charging in the telephone base.

Blue lighted keypad

SPEAKER

On when speakerphone is in use.



Handset display screen messages



Screen display messages

<i>PHONE</i>	The handset is in use.
<i>ENDED</i>	You have just ended a call.
<i>CALL LOG EMPTY</i>	You are accessing an empty call log.
<i>DIRECTORY EMPTY</i>	You are accessing an empty directory.
<i>LIST FULL</i>	You are saving to a full directory.
<i>MUTED</i>	The call is on mute.
<i>SPEAKER</i>	The handset speakerphone is in use.
<i>LOW BATTERY</i>	The battery needs to be recharged.
<i>INCOMING CALL</i>	There is a call coming in.
<i>NEW VOICE MAIL</i>	There are new voice mail messages.
<i>XX MISSED CALLS</i>	There are new calls in the caller ID log.
<i>CONNECTING ...</i>	The handset has lost communication with the telephone base.
<i>** PAGING **</i>	The telephone base is paging handset(s).
<i>OTHER HANDSET IS CALLING (For TL72208)</i>	Another handset is calling.
<i>HANDSET X IS CALLING (For TL72308/TL72408)</i>	Another handset is calling.
<i>LINE IN USE</i>	An extension phone or one of the handsets is in use.
<i>NO LINE</i>	There is no telephone line connected.
<i>ALREADY SAVED</i>	The telephone number you have entered is already stored in the directory.
<i>SAVED</i>	The call log entry is saved to the directory successfully.
<i>PLACE IN CHARGER</i>	The battery is very low. The handset should be placed in the telephone base or charger.

Handset display screen messages



Screen display messages

<i>CHARGING</i>	A handset with a low battery has been placed in the telephone base or charger.
<i>UNABLE TO CALL TRY AGAIN</i>	Failed intercom or conference call (there are already two handsets being used).
<i>NOT AVAILABLE AT THIS TIME</i>	Someone else is already using the directory or call log when you try to do so.
<i>MICROPHONE ON</i>	The call switches from being on mute to normal call.
<i>INTERCOM TO: (For TL72308/TL72408)</i>	The handset is to initiate an intercom call to another handset. (You have to press the handset number of the destination handset.)
<i>INTERCOM ENDED</i>	The intercom call has just been ended by you or the receiver of the call.
<i>CALLING OTHER HANDSET (For TL72208)</i>	The handset is calling another handset (for intercom calls). The handset is to transfer a put-on-hold external call to another handset.
<i>CALLING HANDSET X (For TL72308/TL72408)</i>	The handset is calling another handset (for intercom calls).
<i>TRANSFER TO: (For TL72308/TL72408)</i>	The handset is to transfer a put-on-hold external call to another handset.
<i>NO SIGNAL, CALL ENDED</i>	The handset is out of range while on a call.
<i>WARNING CHECK BATTERY!</i>	<ul style="list-style-type: none"> The battery is not installed or not installed properly in the handset while in the telephone base or charger. -OR- The battery needs to be replaced. -OR- An incorrect battery has been installed by mistake. Use only supplied rechargeable battery or replacement battery (model 27910, part number 89-0099-00-00).

Adding and registering handsets

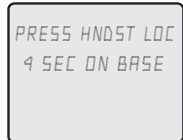
Your telephone can accommodate up to four cordless handsets. You can add new handsets (TL70008, sold separately) to the TL72108/TL72208/TL72308 at any time, but each handset must be registered with the telephone base before use. Each handset must be registered separately.

The handset provided with your TL72108 is automatically registered as handset 1. Additional handsets will be assigned numbers in the order they are registered (handset 2, handset 3, and handset 4). You can register a maximum of four handsets.

The TL72208 has two handsets automatically registered as handset 1 and handset 2. You can register two additional handsets, which will be assigned as handset 3 and handset 4.

The TL72308 has three handsets automatically registered as handset 1, handset 2 and handset 3. You can register one additional handset, which will be assigned as handset 4.

The TL72408 has four pre-registered handsets, so you cannot register any additional handset to it.



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 the 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.

Replacing a handset

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** 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 about seven seconds. If the light stops flashing, pick up the handset and place back into the telephone base, then start again step number one.)
3. The handset(s) will show **CONNECTING...** and it will take about 10 seconds to complete de-registration. ALL handsets will show **NOT REGISTERED** if de-registration was successful.



4. To re-register the handset(s) to the telephone base, follow the registration instructions on page 46.



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  **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 and plug it back in.
2. You cannot de-register the handset(s) if any phone connected to your phone line is in use.

Troubleshooting

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

My 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 its base when not in use.
- Reset the telephone base. Unplug the unit's electrical power. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.
- You may need to purchase a new battery, please refer to page 6 of this user's manual.

I cannot get a
dial tone

- First try all the suggestions above.
- Move the cordless handset closer to the telephone base. 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.

Troubleshooting

- Make sure your phone is set to the correct dial mode for the type of service that you have (pulse or touch tone). Refer to the **Telephone operation** section of this user's manual (page 23) to set the dial tone.
 - 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).
-

My cordless handset isn't performing normally

- Make sure the power cord is securely plugged into the telephone base. Plug the unit into a different, working electrical outlet not controlled by a wall switch.
 - Move the cordless handset closer to the telephone base. You might have moved out of range.
 - Reset the telephone base. Unplug the unit's electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and 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.
-

CONNECTING...
displays on my cordless handset

- Ensure that the telephone base is powered up.
- Place the cordless handset in the telephone base for one minute to allow the cordless handset and base to resynchronize channels.
- Move the cordless handset closer to the telephone base. You might have moved out of range.

Troubleshooting

- Reset the telephone base. Unplug the unit's electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and 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.
-

The batteries will not hold a charge

- If the cordless handset is in its 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 its base when not in use.
 - You may need to purchase a new battery, please refer to the **Battery installation and charging** section of this user's manual.
 - Your phone might be malfunctioning. Please refer to the **Limited warranty** section of this user's manual for further instruction.
-

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

- 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 telephone base and the telephone line jack. Contact your DSL provider to obtain a DSL filter.
- 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.

Troubleshooting

- 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 solves the problem, relocate 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 not installed in a low 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).

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 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 base when not in use.
- 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.

Troubleshooting

- 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 like television sets, VCRs, or other cordless telephones.
- Re-install the battery, and place 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 fade out or 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.
- 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 solves the problem, relocate your phone or modem farther apart from one another, or use a different surge protector.

Troubleshooting

- Relocate your telephone base to a higher location. The phone will have better reception when not installed in a low 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 unit'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.
 - Clean the cordless handset and telephone base charging contacts each month using a pencil eraser or cloth.
 - Your phone might be malfunctioning. Please refer to the **Limited warranty** section of this user's manual for further instruction.
-

My caller ID isn't working

- Caller ID is a subscription service. You must subscribe to this service from your local telephone company for this feature to work on your 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.
-

System does not receive caller ID when on a call

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

Troubleshooting

Common cure for electronic equipment

If the unit does not seem to be responding normally, try putting the cordless handset in its base. 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.

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 **VOLUME ▲** to increase speaker volume.

System does not answer after correct number of rings

- Make sure that the answering system is on (see page 41).
- If toll saver is activated, the number of rings changes to two when you have new messages stored (see page 37).
- If the memory is full or the system is off, the system will answer after 10 rings.

Troubleshooting

System announces *"Time and day not set"*

- You need to reset the answering system clock (page 35).

System does not respond to remote commands

- Make sure to enter your remote access code correctly (see page 42).
- Make sure you are calling from a touch-tone phone. When you dial a number, you should hear tones. If you hear clicks, the phone 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 phone line you are using. Press dial pad keys firmly.

System does not record message

- Make sure answering system is on (see page 41).
- Make sure the memory of the answering system is not full.

Outgoing announcement 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 you are recording.

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 outdoors 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 unit 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 gas is leaking. If this product is a cordless model, make sure the telephone base is also away from the area.
- **Do not use this product near water, or when you are wet.** For example, do not use it in a wet basement or shower, or next to a swimming pool, bathtub, kitchen sink, or laundry tub. Do not use liquids or aerosol sprays for cleaning. If the product comes in contact with any liquids, unplug any line or power cord immediately. Do not plug the product back in until it has dried thoroughly.
- **Install this product in a protected location** where no one can trip over any line or power cords. Protect cords from damage or abrasion.
- **If this product does not operate normally, see the Troubleshooting section on pages 48-55 of this user's manual.** If you cannot solve the problem, or if the product is damaged, refer to the **Limited warranty** on pages 63-65. 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.
- **Replace batteries only as described in your user's manual.** Do not burn or puncture batteries — they contain caustic chemicals.
- **This power unit is intended to be correctly oriented in a vertical or floor mount position.** The prongs are not designed to hold the plug in place if it is plugged into a ceiling or an under-the-table/cabinet outlet.



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

Important safety information

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 or switched off, or if the electrical power is interrupted.**
- **Potential TV interference:** Some cordless telephones operate at frequencies that may cause interference to TVs and VCRs. To minimize or prevent such interference, do not place the 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 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-cadmium rechargeable batteries:** Must be recycled or disposed of properly. Do not dispose of them in household garbage. Do not burn or puncture. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.
- **Nickel-metal-hydride rechargeable batteries:** Dispose of these batteries in a safe manner. Do not burn or puncture. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.



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

Important safety information

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.

Especially about telephones answering systems:

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

SAVE THESE INSTRUCTIONS

FCC Part 68 and ACTA

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

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

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

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

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

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

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

FCC Part 68 and ACTA

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. 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 **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 prepaid. The manufacturer assumes no risk for damage or loss of the PRODUCT in transit. If the PRODUCT failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, the manufacturer will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of products that are not covered by this limited warranty.

Limited warranty

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

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

7. Other limitations

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

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

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

Please retain your original sales receipt as proof of purchase.

Technical specifications

RF frequency band (handset to telephone base)	2400 MHz — 2483.5 MHz
RF frequency band (telephone base to handset)	5725 MHz — 5850 MHz
Channels	95
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)	9VDC @600mA
Handset voltage	3.2 — 4.7 VDC 550mAh
Charger voltage (AC adapter output)	9VDC @200mA
Replacement battery	3.6V 550mAh

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 or go back.....	4
Stop.....	5
Help menu	*5

Fold here.

Skip the message.....	6
Record announcement	*7
Turn system off or on	0
End remote access call	8 (or hang up)

Model name: TL72108/TL72208/TL72308/TL72408

Type: 5.8 GHz cordless telephone/answering system

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