



Proud Sponsor

User's manual

TL30100

**DECT 6.0 expansion handset
for use with AT&T models
TL32100/TL32200/TL32300**



Congratulations

on purchasing your new AT&T product. Before using this AT&T product, please thoroughly read this user's manual for the information necessary to install your new AT&T product. For complete instructions, please refer to the manual provided with your **TL32100/TL32200/TL32300** telephone. For customer service or product information, please visit our website at **www.telephones.att.com** or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

Model #: TL30100

Type: DECT 6.0 expansion handset

Serial #: _____

Purchase date: _____

Place of purchase: _____

Both the model and serial number of your AT&T product can be found on the bottom of the charger.



Telephones identified with this logo have reduced noise and interference when used with most T-coil equipped hearing aids and cochlear implants. The TIA-1083 Compliant Logo is a trademark of the Telecommunications Industry Association. Used under license.



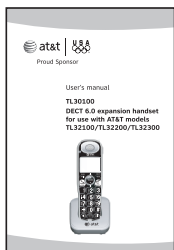
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Parts checklist

Your telephone package contains the following items. Save your sales receipt and original packaging in the event warranty service is necessary.



User's manual



Cordless handset



Charger for cordless handset
with power adapter installed



Battery for cordless handset



Battery compartment cover

User's manual

TL30100

DECT 6.0 expansion handset for use with AT&T models TL32100/TL32200/TL32300



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You must install and charge the battery before using the cordless handset.



STOP!

See pages 5 and 6 for easy instructions.

Your product may be shipped with a protective sticker covering the handset - remove it before use.

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

Avoid placing the telephone base too close to:

- Communication devices such as television sets, VCRs, or other cordless telephones.
- Excessive heat sources.
- Noise sources such as a window with traffic outside, motors, microwave ovens, refrigerators, or fluorescent lighting.
- Excessive dust sources such as a workshop or garage.
- Excessive moisture.
- Extremely low temperature.
- Mechanical vibration or shock such as on top of the washing machine or work bench.

Quick reference guide

▲DIR/VOLUME

Press to scroll up while in menus.

Press to increase the listening volume.

Press to show directory entries when the handset is not in use.

While entering names or numbers in the directory, press to move the cursor to the right.

REDIAL/PAUSE

Press repeatedly to view the last 20 numbers dialed.

While entering numbers, press and hold to insert a dialing pause.

PHONE/FLASH

Press to make or answer a call.

During a call, press to answer an incoming call when you receive a call waiting alert.



MENU/SELECT

Press to display the menu.

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

OFF/CLEAR

During a call, press to hang up.

While using menus, press to cancel an operation, back up to the previous menu, or exit the menu display.

Press and hold while the handset is not in use to erase the missed calls indicator.

▼CID/VOLUME

Press to scroll down while in menus.

Press to decrease the listening volume.

Press to show the caller ID history when the handset is not in use.

While entering names or numbers in the directory, press to move the cursor to the left.

Quick reference guide

0

While entering names in the directory, press to add a space.

1

While reviewing a caller ID history entry, press repeatedly to add or remove 1 in front of the telephone number before dialing or saving it in the directory.

TONEX

During a call, press to send touch-tone signals temporarily.

SPEAKER

Press to turn on the handset speakerphone. Press again to resume normal handset use.

MUTE/REMOVE

During a call, press to mute the microphone.

While predialing, press to delete digits.

While reviewing the redial list, directory, speed dial list or caller ID history, press to delete an individual entry.

#

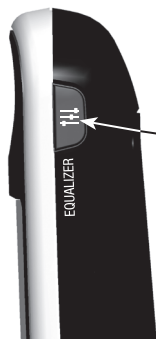
When reviewing a caller ID history entry, press repeatedly to view the dialing options.

AUDIO ASSIST™

During a call, press to enhance the clarity and loudness of your caller's voice.



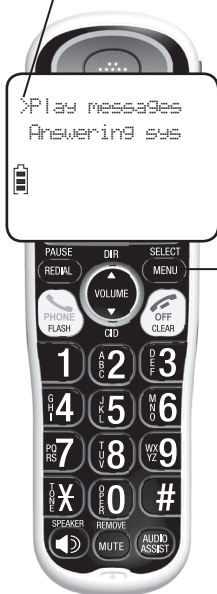
Quick reference guide



EQUALIZER

During an outside call, intercom call, message or announcement playback, press to change the quality of the audio to best suit your hearing.

The > symbol indicates the feature to select.



Main menu

Play messages
Answering sys
Directory
Call log
Intercom
Ringers
Settings
Website

Using menus

Press **MENU/SELECT** to enter the main menu.

Press **▲DIR** or **▼CID** to scroll through menu items.

Press **MENU/SELECT** to select or modify an item.

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

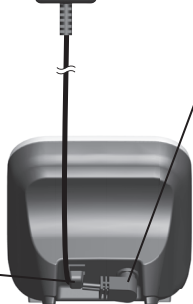
Charger installation

Install the charger as shown below.

Plug the large end of the power adapter into an electrical outlet not controlled by a wall switch.



Ensure the small end of the power adapter is plugged into the power jack on the back of the charger.



Route the cord through the slot.

IMPORTANT INFORMATION:

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**.

Battery installation and charging

Battery installation

Install the battery as shown below.



1. Plug the battery connector securely into the socket inside the handset, matching the color-coded label.



2. Insert the supplied battery with the label **THIS SIDE UP** facing up as indicated.



3. Align the cover flat against the battery compartment, then slide it upwards until it clicks into place.

CHARGE light



4. Charge the handset by placing it face up in the charger. The **CHARGE** light is on when charging.



To replace the battery, press the tab and slide the battery compartment cover downwards. Lift out the old battery and disconnect it from the handset. Follow the instructions above to install and charge the new battery.

IMPORTANT INFORMATION:

Use only the supplied rechargeable battery or replacement battery (model BT166342). To order, visit our website at www.telephones.att.com, or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

Battery installation and charging




Battery charging

Once you have installed the battery, the screen indicates the battery status (see the table below). If necessary, place the handset in the charger to charge the battery. For best performance, keep the handset in the charger when not in use. The battery is fully charged after 16 hours of continuous charging. See **Technical specifications** on page 33 for battery operating times.



Battery status icon

If the screen is blank, you need to charge the handset without interruption for at least 30 minutes to give the handset enough charge to use the telephone for a short time. The screen shows **Low battery** until you have charged the battery without interruption for at least 30 minutes. The following table summarizes the battery charge indicators and actions to take.

Battery indicators	Battery status	Action
The screen is blank or shows Place in charger.	Battery has no or very little charge. The handset cannot be used.	Charge without interruption until the screen shows Low battery or HANDSET X (at least 30 minutes).
The screen shows Low battery and  flashes.	Battery has enough charge to be used for a short time.	Charge without interruption until the screen shows HANDSET X (at least 30 minutes).
The screen shows HANDSET X and the battery icon shows  or  .	Battery is charged.	To keep the battery charged, place it in the charger when not in use.

Battery installation and charging

NOTES:

- If you are on a call in low battery mode, you hear four short beeps every 50 seconds.
- When you place the handset in the charger, if no battery is installed in that handset, the **CHARGE** light is off and the screen shows **NO BATTERY**. Follow the instructions in **Battery installation** on page 6 to install the battery.

Adding and registering a handset

About expansion handsets

Before using a new TL30100 handset, you must register it with the AT&T TL32100/TL32200/TL32300 telephone system (purchased separately), the telephone system can accommodate up to five handsets.

The handset with the TL32100 telephone comes as **HANDSET 1**. You can register up to four additional handsets to the telephone base, and the handset numbers are in numerical order (**HANDSET 2, HANDSET 3, HANDSET 4** and **HANDSET 5**).

The handsets that come with the TL32200 telephone are **HANDSET 1** and **HANDSET 2**. You can register up to three additional handsets to the telephone base, and they are assigned numbers in sequential order (**HANDSET 3, HANDSET 4** and **HANDSET 5**).

The handsets that come with the TL32300 telephone are **HANDSET 1, HANDSET 2** and **HANDSET 3**. You can register up to two additional handsets to the telephone base, and they are assigned numbers in sequential order (**HANDSET 4** and **HANDSET 5**).


Registering a handset

The handset needs to register with the telephone base before use. You must register each handset separately.


When first purchased, all expansion handsets alternately display **1.Press HS LOC on base 4 sec** and **2.Then press # on handset**. The new handset should be charged without interruption for at least 30 minutes before registering to the telephone base.

Adding and registering a handset

To register a handset to your telephone base:

1. Make sure the handset is out of the telephone base or charger and alternately shows **1.Press HS LOC on base 4 sec** and **2.Then press # on handset** before you begin the registration.
2. Press and hold  **HANDSET LOCATOR** on the telephone base for about four seconds (until the **IN USE** light on the telephone base is on) and then release the button.
3. Press **#** (pound key) on the handset. The screen shows **Registering...Please wait**. It takes up to one minute to complete the registration. **HANDSET registered** and then **HANDSET X** appears on the screen, with **X** being the handset number (1-5) and the handset beeps. The handset is now registered with the telephone base.

If the registration is not successful, the handset screen shows **Registration failed**. Please start again from step 1 above.

 **NOTE:** You cannot register a handset if any other system handset is in use.



Adding the handset to your telephone base

Deregistering all handsets

You can deregister handsets. You may need to deregister your handsets if:

- You have five registered handsets and need to replace a handset.





-OR-

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

You must first deregister ALL the handsets, and then register each handset you wish to use again, one at a time.

Please read carefully through all the instructions on this page before beginning the deregistration process.

To deregister all handsets:

1. Press and hold  **HANDSET LOCATOR** on the telephone base for about 10 seconds (until the **IN USE** light starts to flash), then release the  **HANDSET LOCATOR** button.
2. Immediately press  **HANDSET LOCATOR** again. You must press  **HANDSET LOCATOR** while the **IN USE** light is still flashing. (The light flashes for about seven seconds. If the light stops flashing, start again with step 1 above.)
3. It takes up to one minute to complete the deregistration process. When complete, the handset screen alternately shows **1.Press HS LOC on base 4 sec** and **2.Then press # on handset**.



Deregistering all handsets

To register the handset(s) to the telephone base again, follow the registration instructions in **Registering a handset** on page 9.



NOTES:

- If the deregistration process is not successful, you might need to reset the system and try again. To reset, unplug the power from the telephone base and plug it back in.
- You cannot deregister the handset(s) if any system handset is in use.

Troubleshooting

If you have difficulty with your telephone, please try the suggestions below. For customer service, or to purchase accessories or replacement parts, visit our website at **www.telephones.att.com**, or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**. When you call for customer service, you will need the serial number or model number found on the bottom of the telephone base or charger.

The handset registration is unsuccessful.

- Follow the handset registration instructions to register the handset again (see **Adding and registering a handset** on page 9).

My telephone doesn't work at all.

- Make sure the power cord is securely plugged in.
- Make sure that the battery connector is securely plugged into the cordless handset.
- Make sure the telephone line cord is securely and firmly plugged into the telephone base and the telephone wall jack.
- Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the telephone base or charger when not in use.
- If the battery is depleted, it may take approximately 30 minutes to charge the handset before it shows **Low battery**. Refer to **Battery charging** on page 7 for details.
- Reset the telephone base. Unplug the electrical power. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.
- You may need to purchase a new battery. Use only the supplied rechargeable battery or replacement battery (model BT166342). To order, visit our website at **www.telephones.att.com**, or call **1 (800) 222-3111**. In Canada, dial **1 (866) 288-4268**.

Troubleshooting

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 wall jack and connect to a different telephone. If there is no dial tone on that telephone either, the problem is in your wiring or telephone service. Contact your telephone service provider (charges may apply).
- Your telephone line cord might be malfunctioning. Try installing a new telephone line cord.

I cannot dial out.

- First try all the suggestions in the item **I cannot get a dial tone** on this page.
- 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.
- Check that all the telephones connected to the same telephone line are hung up.
- Make sure to set the dial mode to the correct setting (pulse dialing or tone dialing) for the service in your area (see **Dial mode** in the TL32100/TL32200/TL32300 user's manual).
- Eliminate any background noise. Noise from a television, radio or other appliances may cause the telephone to not dial out properly. If you cannot eliminate the background noise, first try muting the cordless handset before dialing, or dialing from another room in your home with less background noise.
- If the other telephones in your home are having the same problem, the problem is in your wiring or telephone service. Contact your telephone service provider (charges may apply).

Troubleshooting

My cordless handset isn't performing normally.

- Make sure the power cord is securely plugged into the telephone base. Plug the power adapter into a different, working electrical outlet not controlled by a wall switch.
- Move the cordless handset closer to the telephone base. You might have moved out of range.
- Reset the telephone base. Unplug the electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.
- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless telephone. Try installing your telephone as far away as possible from these types of electronic devices.

Out of range or no pwr at base appears on my cordless handset.

- Ensure that the telephone base is powered up.
- Place the cordless handset in the telephone base for one minute to allow the cordless handset and base to synchronize.
- Move the cordless handset closer to the telephone base. You might have moved out of range.
- Reset the telephone base. Unplug the electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.
- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless telephone. Try installing your telephone as far away as possible from these types of electronic devices.

Troubleshooting

The batteries do not hold a charge.

- If the cordless handset is in the telephone base or charger and the charge light does not come on, refer to the item **The charge light is off** on this page.
- Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the telephone base or charger when not in use.
- If the battery is depleted, it may take approximately 30 minutes to charge the handset before it shows **Low battery**. Refer to **Battery charging** on page 7 for details.
- You may need to purchase a new battery. Please refer to **Battery installation** on page 6.

The charge light is off.

- Make sure the power cord is plugged in correctly and securely.
- Make sure the battery is installed correctly in the handset. Follow the instructions in **Battery installation** on page 6 to install the battery.
- Unplug the electrical power. Wait for 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.
- Clean the cordless handset and telephone base charging contacts each month using a pencil eraser or cloth.

Troubleshooting

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

- If you subscribe to high-speed Internet service (DSL - digital subscriber line) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack (see **Telephone base and charger installation** in the TL32100/TL32200/TL32300 user's manual). The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.
- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless telephone. You may be able to improve the performance of your telephone by installing the telephone base as far away as possible from other electronic devices.
- Do not install this telephone near a microwave oven or on the same electrical outlet. You may experience decreased performance while the microwave oven is operating.
- 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 doesn't solve the problem, relocate your telephone or modem farther apart from one another, or use a different surge protector.
- Relocate your telephone to a higher location. The telephone will likely have better reception when installed in a high area.
- If the other telephones in your home are having the same problem, the problem is in your wiring or telephone service. Contact your telephone service provider (charges may apply).

Troubleshooting

I experience poor sound quality when using the speakerphone.

- For increased sound quality while using the speakerphone, place the handset on a flat surface with the dial pad facing up.
- When using a speakerphone, controlling background noise in your environment is essential. While you are listening to your party, press **MUTE/REMOVE** to temporarily turn your microphone off. When it is your turn to speak, remember to press **MUTE/REMOVE** again to turn the microphone on.
- Excessive background noise will cause a speakerphone to fade in and out. Try controlling the background noise by turning off any audio devices near the speakerphone. Also, try to avoid interrupting the person at the other end of the conversation while they are speaking. If background noise cannot be controlled, you should terminate speakerphone operation and return to normal handset mode.

I hear other calls while using my telephone.

- Disconnect the telephone base from the telephone wall jack, and plug in a different telephone. If you still hear other calls, the problem is probably in your wiring or telephone service. Call your telephone service provider (charges may apply).

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

- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless telephone. Try installing your telephone as far away as possible from these types of electronic devices.
- Move the handset closer to the base. The operating range may vary with environmental conditions and time of use. There may be places within your environment that a cordless telephone will not work well. If the problem only occurs in certain areas of your environment, you can conclude that there is nothing wrong with the telephone.

Troubleshooting

- Do not install this telephone near a microwave oven or on the same electrical outlet. You may experience decreased performance while the microwave oven is operating.
- If your telephone is plugged in with a modem or surge protector, plug the telephone (or modem/surge protector) into a different location. If this doesn't solve the problem, relocate your telephone or modem farther apart from one another, or use a different surge protector.
- Relocate your telephone base to a higher location. The telephone will have better reception when installed in a high area.
- If the other telephones in your home are having the same problem, the problem is in your wiring or telephone service. Contact your telephone service provider (charges may apply).
- If you subscribe to high-speed Internet service (DSL - digital subscriber line) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack (see **Telephone base and charger installation** in the TL32100/TL32200/TL32300 user's manual). The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

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

- Make sure that the ringer is not turned off. Refer to **Ringer volume** in the TL32100/TL32200/TL32300 user's manual.
- Make sure the telephone line cord is plugged securely into the telephone base and the telephone wall jack. Make sure the power cord is securely plugged in.
- The cordless handset may be too far from the telephone base.

Troubleshooting

- Charge the battery in the cordless handset for at least 16 hours. For optimum daily performance, return the cordless handset to the telephone base or charger when not in use.
- You may have too many extension telephones on your telephone line to allow all of them to ring simultaneously. Try unplugging one telephone at a time until the telephone starts ringing.
- 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 telephone service. Contact your telephone service provider (charges may apply).
- Test a working telephone at the telephone wall jack. If another telephone has the same problem, the problem is the telephone wall jack. Contact your telephone service provider (charges may apply).
- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless telephone. Try installing your telephone as far away as possible from these types of electronic devices.
- Completely remove then replace the battery. Place the cordless handset in the telephone base. Wait for the cordless handset to reestablish its connection with the telephone base. Allow up to one minute for this to take place.
- Your telephone line cord might be malfunctioning. Try installing a new telephone line cord.

My caller ID isn't working.

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

Troubleshooting

- Your caller must be calling from an area that supports caller ID.
- Both your and your caller's telephone service providers must use caller ID compatible equipment.
- Make sure the home area code is set correctly in the telephone (see **Home area code** in the TL32100/TL32200/TL32300 user's manual).
- If you subscribe to high-speed Internet service (DSL - digital subscriber line) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack (see **Telephone base and charger installation** in the TL32100/TL32200/TL32300 user's manual). The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

My telephone does not receive caller ID when on a call.

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

I subscribe to a nontraditional telephone service that uses my computer to establish connections, and my telephone doesn't work.

- Make sure your computer is powered on.
- Make sure your Internet connection is working properly.
- Make sure that the software is installed and running for your nontraditional telephone service.
- Make sure to plug your USB telephone adapter into a dedicated USB port on your computer. Do not plug into a multiple port USB hub (USB splitter) that is not powered.

Troubleshooting

- In a few rare instances, the USB port on your computer may not have enough power. In these instances, try using a USB hub with its own external power supply.
- If you are using a firewall, it may prevent access to your nontraditional telephone service. Contact your service provider for more information.

Common cure for electronic equipment:

If the telephone is not responding normally, try resetting the telephone. Do the following in the order listed:

1. Disconnect the power to the telephone base.
2. Disconnect the cordless handset battery.
3. Wait a few minutes.
4. Connect power to the telephone base.
5. Completely remove then replace the battery. Place the cordless handset into the telephone base.
6. Wait for the cordless handset to reestablish its connection with the telephone base. Allow up to one minute for this to take place.

Maintenance

Taking care of your telephone

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

Avoid water

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

Electrical storms

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

Cleaning your telephone

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

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

Important safety information



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

Safety information

- **Read and understand all instructions in the user's manual. Observe all markings on the product.**
- **Avoid using a telephone during a thunderstorm.** There might 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 on page 13 in this user's manual.** If you cannot solve the problem, or if the product is damaged, refer to **Limited warranty** on page 30. 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 Battery installation and charging on page 6 in your user's manual.** Do not burn or puncture batteries — they contain caustic chemicals.
- **The power adapters are intended to be correctly oriented in a vertical or floor mount position.** The prongs are not designed to hold the plug in place if they are plugged into a ceiling or an under-the-table/cabinet outlet.



CAUTION: Use only the power adapters 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, switched off or if the electrical power is interrupted.**
- **Potential TV interference:** Some cordless telephones operate at frequencies that may cause interference to TVs and VCRs. To minimize or prevent such interference, do not place the telephone base of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.
- **Rechargeable batteries:** This product contains nickel-metal hydride rechargeable batteries. Exercise care in handling batteries in order not to create a short circuit with conductive material such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the battery charger.
- **Nickel-metal hydride rechargeable batteries:** Dispose of these batteries in a safe manner. Do not burn or puncture. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.



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 telephone answering systems

Two-way recording: This unit does not sound warning beeps to inform the other party 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 telephone service provider upon request.

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

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

This equipment may not be used with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable the alarm equipment, consult your telephone service provider 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 service provider may temporarily discontinue your telephone service. The telephone service provider 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 service provider is required to inform you of your right to file a complaint with the FCC. Your telephone service provider may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone service provider 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 0.1B. 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 20cm (8 inches) or more.

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

Limited warranty

The AT&T brand is used under license - any repair, replacement or warranty service, and all questions about this product should be directed to 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 repairs or replaces 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 retains the defective parts, modules, or equipment. Repair or replacement of the PRODUCT, at the manufacturer's option, is your exclusive remedy. The manufacturer returns the 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.

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

Limited warranty

- 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 a 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, dial **1 (866) 288-4268**. NOTE: Before calling for service, please review the user's manual. A check of the PRODUCT's controls and features might 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. Transportation, delivery or handling charges are prepaid. The manufacturer assumes no risk for damage or loss of the PRODUCT in transit. If the PRODUCT failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, the manufacturer notifies you and requests 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 a “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 might also have other rights that 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 might 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 might not apply to you.

Please retain your original sales receipt as proof of purchase.

Technical specifications

RF frequency band	1921.536MHz – 1928.448MHz
Channels	5
Operating temperature	32°F – 122°F 0°C – 50°C
Handset voltage	DC2.4V
Charger voltage (AC adapter output)	AC6V @300mA
Operating times*	Talk time (handset): up to seven hours Talk time (speakerphone): up to five hours Standby: up to seven days

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

DECT 6.0 digital technology

Telecommunications (DECT) 6.0 is a new frequency band that transmits your voice across multiple channels. This technology provides superior quality of voice and sound, high protection against wiretapping and better range than 2.4 GHz and 5.8 GHz phone systems, 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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