

AT&T Marathon[™] Cordless Headset

User's manual



Congratulations

on your purchase of this AT&T product. Before using this AT&T product, please read the **Important safety information** on pages 44-48 of this manual. Please thoroughly read this user's manual for all the feature operations and troubleshooting information necessary to install and operate your new AT&T product.

This telephone meets the California Energy Commission regulations for energy consumption. Your telephone is set up to comply with the energy-conserving standards right out of the box. No further action is necessary.

Model name:	Marathon™ (Headset and headset base)	
Туре:	DECT 6.0 cordless headset	
Serial number:		
Purchase date:		
Place of purchase:		

Both the model and serial numbers of your AT&T product can be found on the bottom of the headset base.

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

Marathon™ is a trademark of Headsets.com, licensed to Advanced American Telephones.

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Parts checklist

Check to make sure the package includes the following items. Save your sales receipt and original packaging in the event warranty service is necessary.









User's manual

Quick start guide

Cordless headset

Over the ear hook



Headset base



Battery

cover

compartment



Battery for

headset



Telephone line cords (4-conductor and 2-conductor)



power adapter

Behind the neck band



Over the head band



Line splitter



Colored label (light blue)

Optional accessories

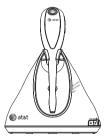
The following optional accessories are compatible with your headset and base:

- The AT&T Handset Lifter with optional external ring detector.
- The AT&T Wireless Remote Dial Pad allows you to place calls when away from your telephone. The dial pad also allows you to use the headset as a stand-alone product without a connection to a telephone.

The remote dial pad does not work with an AT&T Marathon cordless headset system that is connected to a telephone that is part of a digital business system, unless there is an analog adapter on the line. Contact your IT department, telephone administrator, or your telephone service provider to determine if the remote dial pad is compatible with your telephone system.



AT&T Handset lifter



AT&T Marathon



Remote Dial Pad

User's manual

AT&T Marathon™

Cordless Headset



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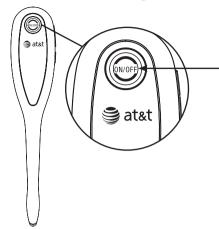
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Getting started Quick reference guide - headset



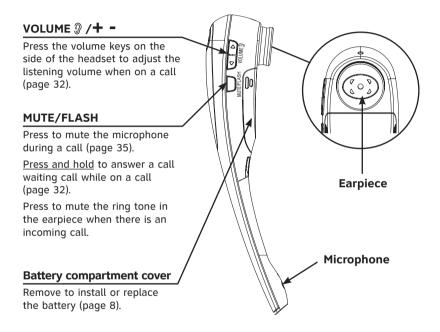
ON/OFF

Press to make, answer, or end a call.

Headset indicator lights

ON/OFF	light status
On	Headset is charging in the headset base.Headset is trying to register to the headset base.Headset is searching for the headset base.
Flashing	 Flashes slowly when an incorrect type of battery is installed. Flashes three times, followed by a pause. This cycle repeats three more times and then shuts down to indicate that the battery is very low. Flashes twice every five seconds to indicate that the headset is not registered. Flashes every 20 seconds to indicate that the battery is low and needs to be charged in the headset base. Flashes every three seconds to indicate that the headset is in use. Flashes quickly when there is an incoming call.

Getting started Quick reference guide - headset

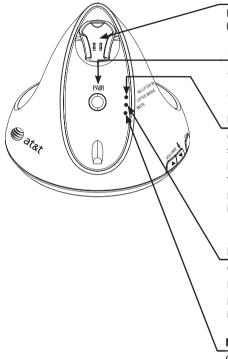


Getting started Alert tones

Headset alert tones

Three quick beeps	 A VOLUME () /+ - key is pressed when the volume is already at its highest or lowest setting.
	 The headset is not registered and the headset ON/OFF button is pressed.
	 The headset is out of range from the headset base during a call.
One short beep every 20 seconds	Low battery warning.
One short beep every 15 seconds	The call is muted.
One long beep (repeated)	Call waiting alert tone.
One short beep	The headset ON/OFF key is pressed to go on hook or off hook.

Getting started Quick reference guide - headset base



Charging cradle

Insert the headset here for charging (page 10).

PAIR

<u>Press and hold</u> to begin headset registration (pages 18-20) or deregistration (page 21).

NO LIFTER MODE light

On when **NO LIFTER MODE** is selected.

Flashes while on a call, or another telephone is in use on the same line.

Flashes quickly when there is an incoming call.

LIFTER MODE light

On when **LIFTER MODE** is selected.

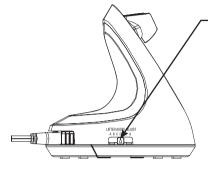
Flashes while on a call.

Flashes quickly when there is an incoming call.

MUTE light

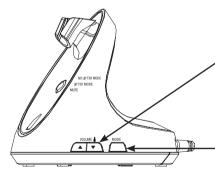
On when a call is muted.

Getting started Quick reference guide - headset base



LIFTER AUDIO ADJUST

Switch to choose the best headset audio quality when using **LIFTER MODE**. See page 17 of this manual or the handset lifter user's manual for more information.



VOLUME / /

Press the volume keys on the side of the headset base to adjust the speaking volume while on a call (page 32).

MODE

Press to choose between **NO LIFTER MODE** or **LIFTER MODE** when the headset is not in use. The corresponding light turns on (page 11).

Getting started Indicator lights

Headset base indicator lights

NO LIFTER MODE		
NO LIFTER MODE	 On when NO LIFTER MODE is selected (default mode). 	
	 Flashes quickly when there is an incoming call. 	
	 Flashes when the headset is in use or another telephone on the same line is in use. 	
LIFTER MODE	• On when LIFTER MODE is selected.	
	 Flashes quickly when there is an incoming call. 	
	• Flashes when the headset is in use.	
MUTE	• On when a call is muted.	
	• On when you are registering a headset.	
	 Flashes when you are deregistering the headset(s) from the headset base. 	

Getting started

You must install and charge the battery before using the headset.



See pages 8-10 for instructions.

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. The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

Avoid placing the headset 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 a washing machine or work bench.

Getting started Battery installation

Install the battery, as shown below. After installing the battery, you may be able to make and receive short calls. For optimal performance, charge the headset battery for at least six hours before use. When fully charged, the headset battery provides approximately 10 hours of talk time or five days of standby time. When the headset is not in use, recharge by returning it to the headset base.

- 1. If the battery compartment cover is attached, press on both sides of the cover and lift it up and off.
- Insert the battery into the battery compartment with the label THIS SIDE UP facing up.
- 3. Push the battery plug into the connector inside the compartment according to the color-coded label. Place the wires neatly inside the compartment.
- Insert the tab on the bottom of the battery compartment cover into the battery compartment.
- 5. Press down gently on the battery compartment cover until it snaps into place.

NOTE: Remove the ear hook from the headset (see page 24) before battery replacement.

Installation preparation

Before installing the headset base, remove the rear bottom piece of the headset base by pushing it away from the base, as shown in Figure 1.

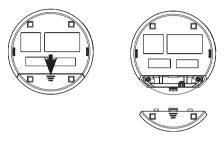


Figure 1

Install the headset base, as shown on the following pages.

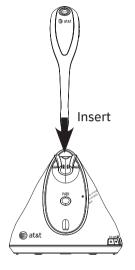
After completing installation option 1, 2 or 3 (see page 13), slide the rear bottom piece into the headset base until it clicks into place, as shown in Figure 2.



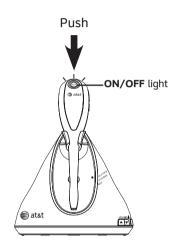
Figure 2

Getting started Battery charging

After installing the battery, charge the headset by placing it in the headset base, as shown below. The headset **ON/OFF** light is on when the headset is charging.



1. Insert the headset into the charging cradle.



2. Push the headset downward until the **ON/OFF** light on the headset turns on.

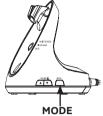
CAUTION:

There may be a risk of detonation if you use a wrong type of battery. Use only the supplied rechargeable battery or a proper replacement battery.

No lifter mode or lifter mode

There are two answer modes available on the headset base. The current mode is indicated by the **NO LIFTER MODE** or **LIFTER MODE** lights on the front of the headset base.

• When plugging your headset base into the telephone wall jack (installation option 1 or 2), make sure the headset base mode is set to **NO LIFTER MODE**.



-OR-

• When connecting your headset base to a multiple line corded telephone (installation option 3), make sure the headset base mode is set to **LIFTER MODE** and that the **LIFTER AUDIO ADJUST** is switched for the best headset audio quality (see page 17).

To change the answer mode:

When the headset is not in use, press **MODE** on the headset base to select **NO LIFTER MODE** or **LIFTER MODE**. The corresponding light on the front of the headset base turns on to indicate the current mode.

For complete instructions on installing and using the handset lifter, see the handset lifter user's manual.

ONOTE: If you are using the handset lifter, you must use **LIFTER MODE**.

Cord labels

The cords provided with your headset are attached with colored labels to help you plug them into the correct jacks on the headset base. Each jack on the headset base is labeled and marked with a colored dot, allowing you to plug in the correct cords by matching the colors.

If you are using installation option 3, you can attach the provided light blue colored label to the end of the curly handset cord of your telephone that you plug into the headset base.

Digital subscriber line (DSL)

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 base and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

Installation options

IMPORTANT: If you purchased a handset lifter with your headset, follow the installation instructions in the lifter manual.

If you purchased the AT&T Marathon without the lifter, you have three installation options:

Option 1: Connect the headset to a corded or cordless telephone (see page 14). You can use the provided line splitter to connect the headset to a telephone.

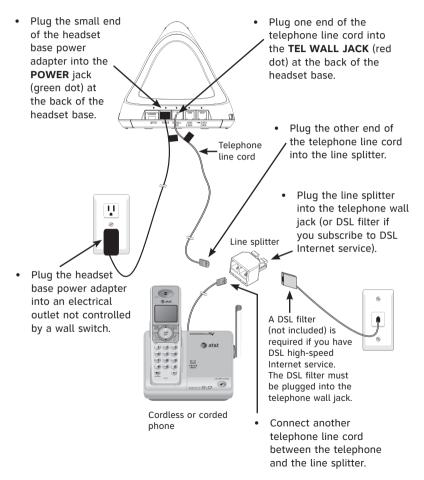
Option 2: Connect the headset to a telephone wall jack (see page 15). This option enables you to use the headset with a single telephone line with or without a telephone.

Option 3: Connect the headset base to the curly handset cord of a corded telephone (see page 16).

For this option, you can use the headset with a multiple line corded telephone (such as the AT&T 1080, 1070 or 1040) or a digital business system (such as a proprietary PBX telephone system). This option requires the Marathon to be in **LIFTER MODE** to operate. You may need to change the **LIFTER AUDIO ADJUST** setting on the base for the best headset audio quality (see page 17).

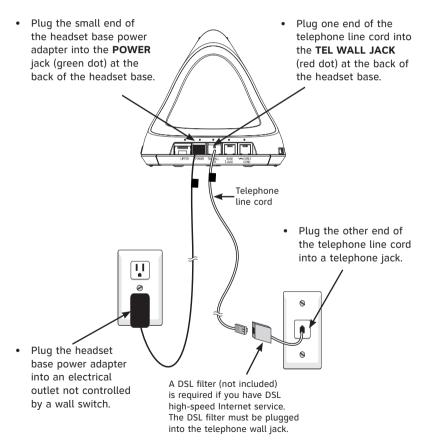
Option 1: Headset base with corded or cordless phone installation

To use this installation option, make sure the headset base mode is set to **NO LIFTER MODE**.



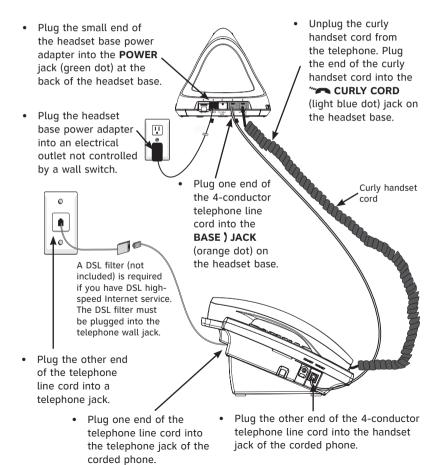
Option 2: Headset base stand-alone installation

In order to make calls using this installation option, you need a telephone plugged into the same telephone line or a dial pad (sold separately). Make sure the headset base mode is set to **NO LIFTER MODE**.



Option 3: Headset base with corded phone for multiple line system or digital business system installation

To use this installation option, adjust the **LIFTER AUDIO ADJUST** switch to choose the best headset audio quality (see page 17). Make sure the headset base mode is set to **LIFTER MODE**.

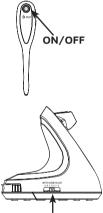


Adjust the lifter audio

- Press MODE on the headset base to change the mode if the LIFTER MODE light is not on. Make sure that the LIFTER MODE light on the headset base is on.
- 2. Lift the corded handset from the telephone cradle.
- 3. After you install and charge the battery (see pages 8-10), put the headset next to your ear.
- 4. Press **ON/OFF** on the headset to listen for a dial tone.
- If there is no dial tone or the dial tone is not clear, slide the LIFTER AUDIO ADJUST switch on the side of the headset base from A to G until the dial tone is clear.
- 6. If the dial tone is not clear, repeat step 5 until you find the clearest dial tone.

MODE

LIFTER MODE light



LIFTER AUDIO ADJUST

Getting started Adding and registering a headset

Registration options

The Marathon headset comes pre-registered to the headset base. There are two registration options, as described below.

- **Option 1:** You can register a previously deregistered Marathon headset to your Marathon headset base (see page 19).
- Option 2: You can deregister your Marathon headset (see page 21) and then register it to an AT&T DECT 6.0 cordless telephone (see page 20). You can register a maximum of two headsets to a cordless telephone. The telephone base recognizes and counts a headset the same as a handset. When you register the headset to an AT&T DECT 6.0 cordless telephone, the headset base acts only as a charger for the headset. The LIFTER AUDIO ADJUST, VOLUME ↓ /▲▼ and MODE controls on the headset base become inactive. You can place the headset base anywhere you have an available power outlet. Do not plug in the telephone line cord; you only need to plug the headset base into a power outlet.

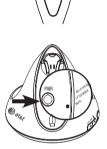
Refer to your telephone user's manual for the maximum number of handsets that you can register to the telephone base. If you have the maximum number of handsets registered, you need to follow the deregistration information in your user's manual.

You can only register the headset to one product at a time, so the headset must be deregistered before registering to a headset base or a cordless telephone (see page 21).

Getting started Adding and registering a headset

Option 1: To register a previously deregistered Marathon headset to the headset base

- Make sure the battery is properly installed in the headset (see page 8). The ON/OFF light flashes twice every five seconds to indicate that the headset is not registered.
- 2. Place the headset in the headset base and allow it to charge for at least five minutes before registration.
- 3. Remove the headset from the headset base.
- Press and hold the PAIR button until the MUTE light on the headset base turns on (about four seconds) and release the button.
- 5. Return the headset to the headset base for registration.



S atet

It may take about 30 seconds to complete the registration. The **MUTE** light on the headset base turns off. The headset **ON/OFF** light turns on.

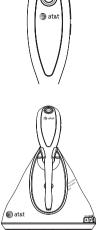
To verify the registration was successful, press the headset **ON/OFF** button and check for a dial tone.

If the registration fails, the **ON/OFF** light on the headset flashes twice every five seconds. To reset the headset, remove the headset from the headset base and try the registration process again.

Getting started Adding and registering a headset

Option 2: To register the headset to an AT&T DECT 6.0 cordless telephone base

- 1. You must deregister the headset from the headset base (see page 21).
- 2. Make sure the battery is properly installed in the headset (see page 8). The **ON/OFF** light flashes twice every five seconds to indicate that the headset is not registered.
- 3. Place the headset in the headset base and allow it to charge for at least five minutes before beginning the registration. Remove the headset from the headset base and then place the headset back into the headset base.
- 4. On the telephone base of the cordless phone, press and hold *HANDSET LOCATOR* or *FIND HS* button until the IN USE light turns on (about four seconds) and then release the button.



If your telephone base has no HANDSET LOCATOR or FIND HS button:

Press and hold the HOLD button until the screen displays **Registering... Please wait**, then release the button.

Press and hold the **CLOCATOR** button until the screen displays **Registering handset...**, then release the button.

5. The headset is registered to the telephone base automatically. It may take about 30 seconds to complete. The headset **ON/OFF** light turns on. To verify the registration was successful, press the **ON/OFF** button and check for a dial tone.

- If the registration fails, the ON/OFF light on the headset flashes twice every five seconds. Reset the headset and try again. Remove the headset from the headset base and press ON/OFF. Place the headset back into the headset base. Try the registration process again.
- For users of Synapse® or SynJ[®], refer to the user's manual of your respective model for registration instructions.

Synapse® and SynJ® are registered trademarks of Advanced American Telephones.

Getting started Deregistering a headset

If you want to register your Marathon headset to an AT&T DECT 6.0 cordless phone, you need to deregister your headset from your Marathon headset base first.

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

To deregister the headset from the headset base

- 1. <u>Press and hold</u> **PAIR** on the headset base until the **MUTE** light on the headset base turns on and starts to flash (at least 10 seconds), then release **PAIR**.
- 2. Immediately press and release **PAIR** again. You must press **PAIR** while the **MUTE** light is still flashing. (The light flashes for about seven seconds. If it stops flashing, start again with Step 1).

When you see the **MUTE** light on the headset base turn off and the headset **ON/OFF** light flashes twice every five seconds, the deregistration is successful.

To register the headset to the headset base again, see page 19.

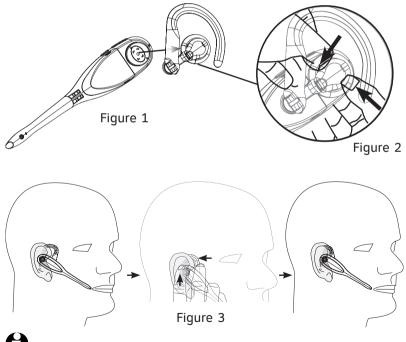


- If the deregistration process failed, you may need to reset the system and try
 again. Remove the headset from the headset base and press ON/OFF. Place
 the headset back into the headset base. You may also reset by unplugging
 the power from the headset base, then waiting a few seconds, and plugging it
 back in.
- To deregister all headsets from an AT&T DECT cordless telephone base, see the user's manual of your cordless telephone system.

Over the ear hook

To attach the ear hook to the headset:

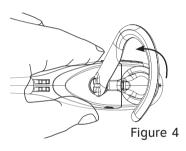
- 1. Remove any headset attachment connected to the headset.
- 2. Insert the earpiece into the ear hook, as shown in Figure 1.
- 3. Press the ear hook onto the earpiece, as shown in Figure 2.
- 4. Hook the headset onto the desired ear. Adjust the angle of the headset until the microphone is pointing towards your mouth, as shown in Figure 3.

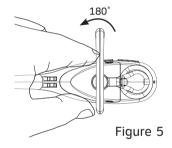


NOTE: Firmly grip the earpiece with one hand whenever adjusting the headset microphone up or down, as shown in Figure 3.

To adjust the headset to wear on the other ear:

- 1. Hold the headset in your hand. Lift the hook upward, as shown in Figure 4.
- 2. Rotate the hook $180^{\circ}\,\text{in}$ a counterclockwise direction, as shown in Figure 5.
- 3. Push the hook downward, as shown in Figure 6.
- 4. Hook the headset onto the desired ear. Adjust the angle of the headset until the microphone is pointing towards your mouth, as shown in Figure 7.





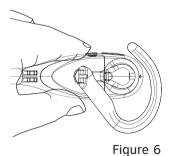
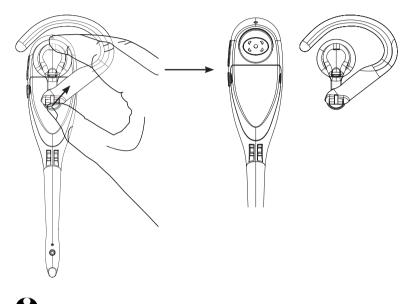




Figure 7

To remove the ear hook from the headset:

Hold the headset with one hand and the ear hook with the other hand. Lift the ear hook up until it separates from the earpiece.

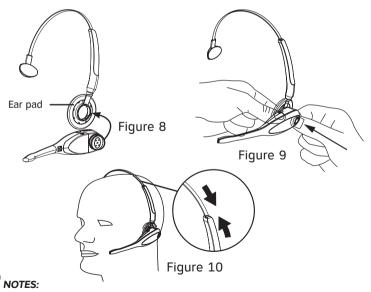


DNOTE: To wear on the other ear, rotate the headset within the ear pad.

Over the head band

To attach the head band to the headset for wearing on the left or right ear:

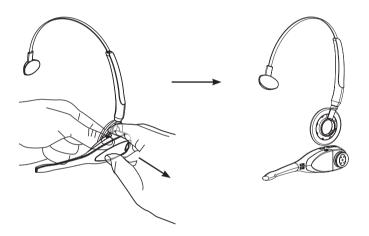
- 1. Remove any headset attachment currently connected to the headset.
- 2. Insert the earpiece into the loop of the ear pad, as shown in Figure 8.
- 3. Gently press the earpiece inward until it clicks into place, as shown in Figure 9.
- 4. Adjust the head band to fit your head. Adjust and rotate the angle of the headset until the microphone is pointing towards your mouth, as shown in Figure 10.



- To wear on the other ear, rotate the headset within the loop of the ear pad.
- Firmly grip the padded earpiece with one hand whenever adjusting the headset microphone up or down, as shown in Figure 10.

To remove the head band from the headset:

Hold the headset with one hand and the head band ear pad with the other hand. Twist and pull the headset until it separates from the ear pad.



Behind the neck band

When first shipped, the ear pad of the neck band is positioned to be worn on the right ear.

To wear the headset on your left ear:

1. Remove the ear pad from the neck band by carefully pulling the stem of the ear pad up through the rectangular socket at the end of the neck band, as shown in Figure 11.

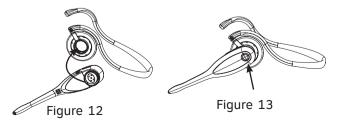


Figure 11

2. Snap the stem of the ear pad into the rectangular socket at the left end of the neck band.

To attach the neck band to the headset for wearing on the left or right ear:

- 1. Remove any headset attachment currently connected to the headset.
- 2. Insert the earpiece into the loop of the ear pad, as shown in Figure 12.
- 3. Gently press the earpiece inward until it clicks into place, as shown in Figure 13.



- 4. Place the neck band around your neck and over your ears.
- 5. Adjust and rotate the angle of the headset until the microphone is pointing towards your mouth, as shown in Figure 14.

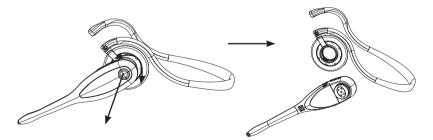


Figure 14

NOTE: Firmly grip the padded earpiece with one hand whenever adjusting the headset microphone up or down, as shown in Figure 14.

To remove the neck band from the headset:

Hold the headset with one hand and the ear pad with the other hand. Twist and pull the headset until it separates from the ear pad.



Operation Headset operation

Making a call

Using the headset base as a stand-alone product (installation option 2):

• In order to make calls, you need to have a telephone which is already plugged into the same telephone line.

When the headset base is plugged into the telephone wall jack (installation option 1 or 2):

You must select **NO LIFTER MODE** on the headset base (see page 11).

- 1. Follow the instructions in your telephone user's manual for making calls.
- 2. Press **ON/off** on the headset at any time to join the call.
- 3. After you join the call on the headset, you can hang up the telephone and continue the call on the headset.

When the headset base is connected to a multiple line or digital business corded telephone (installation option 3):

You must select LIFTER MODE on the headset base (see page 11).

- 1. Lift the corded handset from the telephone cradle.
- 2. Follow the instructions in your telephone user's manual for making calls.
- 3. Press **ON/OFF** on the headset at any time to switch to the headset.
- 4. The handset must be out of the cradle (not hung up) until you are ready to end your call.

Operation Headset operation

Answering a call on the headset

When the headset base is plugged into the telephone wall jack (installation option 1 or 2):

• Press **ON/off** on the headset.

When the headset base is connected to a multiple line or digital business corded telephone (installation option 3):

- 1. Lift the corded handset from the telephone cradle.
- 2. Press **ON/OFF** on the headset at any time to switch to the headset.
- 3. The handset must be away from the cradle (not hung up) until you are ready to end your call.



NOTE: The headset base and headset do not have an external ringer. When you receive calls, the headset earpiece plays a ring tone only heard through the earpiece. If you have telephones connected to the same telephone line as the headset base, you can rely on the ringers of those telephones to alert you to incoming calls.

Operation Headset operation

Ending a call on the headset

When the headset base is plugged into the telephone wall jack (installation option 1 or 2):

 Press on/OFF on the headset or place the headset in the headset base.

When the headset base is connected to a multiple line or digital business corded telephone (installation option 3):

- 1. Press **on/OFF** on the headset or place the headset in the headset base.
- 2. Hang up the corded handset by placing it in the telephone base.

Auto off

A call ends automatically when you put the headset in the headset base.

Temporary ring tone silencing

Press **MUTE/FLASH** to temporarily silence the ring tone in the headset earpiece. This silences the ring tone without disconnecting the call. The next incoming call rings at the preset volume.

Options while on calls

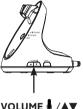
Volume control

To adjust the listening volume:

While on a call, press the **VOLUME** \mathcal{D} **/+** - keys on the side of the headset to adjust the listening volume.

To adjust the speaking volume:

While on a call, press the **VOLUME** \checkmark /**A** keys on the side of the headset base to adjust the speaking volume.



NOTE: When the volume reaches the minimum or maximum setting, you hear three quick beeps.

Call waiting

If you subscribe to call waiting service from your telephone service provider, and someone calls while you are already on a call, you hear two beeps.

- With installation option 1 or 2, press and hold **MUTE/FLASH** on the side of the headset to put your current call on hold and answer the new call. You can press and hold **MUTE/FLASH** at any time to switch back and forth between calls.
- With installation option 3, you must answer a call waiting call using the corded telephone base (see your telephone user's manual for instructions).



MUTE/FLASH

Options while on calls

Switch a call between a handset and headset

When the headset base is plugged into the telephone wall jack (installation option 1 or 2):

- To switch from the corded handset to a headset while on a call, press **ON/OFF** on the headset, then place the corded handset back into the telephone base.
- To switch from a headset to the corded handset while on a call, lift the corded handset from the telephone base, then press on/OFF on the headset.
- To switch from a cordless handset to a headset while on a call, press ON/OFF on the headset, then hang up the cordless handset.
- To switch from a headset to a cordless handset while on a call, press the button you use to answer a call, then press on/OFF on the headset.

When the headset base is connected to a multiple line or digital business corded telephone (installation option 3):

To switch between a headset and the corded handset while on a call, press **ON/OFF** on the headset.

Options while on calls

Multiple headset/handset use

Headsets and handsets on the same telephone line can join an external call in progress, creating a conference call. The number of headsets and handsets that can join may be limited by your telephone system. See your telephone user's manual for more information.

To join a call with a headset, press **ON/OFF** on the headset. The conference begins.

To hang up, press **on/OFF** or place the headset in the headset base.

Intercom calls and transfers

If you have registered your headset to an AT&T DECT cordless telephone, follow the instructions in your telephone user's manual for intercom calls and transfers.

When the cordless handset prompts you to enter a handset number:

- If you have one registered headset, press # (pound key) on the cordless handset.
- If you have two registered headsets, press **#1** for headset 1 and **#2** for headset 2.

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NOTE: You can only make intercom calls or transfers from an AT&T DECT cordless handset to the DECT cordless headset.

^{Operation} Options while on calls

Mute

The mute function allows you to turn off the headset microphone. You can hear the caller, but the caller cannot hear you.

To mute a call:

• Press **MUTE/FLASH** on the headset to turn off the headset microphone. When the mute feature is on, the **MUTE** light on the headset base turns on and there is a short beep every 15 seconds until this feature is turned off.

To end mute:

• Press MUTE/FLASH on the headset again and resume speaking.

If you have difficulty with your headset, please try the following suggestions.

My headset doesn't work at all.

- Make sure the power cord is securely plugged in.
- Make sure the battery connector is securely plugged into the cordless headset.
- Make sure the telephone line cord is securely and firmly plugged into the headset base and the telephone wall jack.
- Charge the battery in the cordless headset for at least 6 hours. For optimum daily performance, return the cordless headset to the headset base when not in use.
- Reset the headset 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 headset and headset base to reset.
- You may need a new battery. Refer to pages 8-10 of this user's manual.

I cannot get a dial tone.

- First, try all the suggestions mentioned above.
- Move the cordless headset closer to the headset base. You might have moved out of range.
- If you are using LIFTER MODE, you might need to slide the LIFTER AUDIO ADJUST switch (page 17).
- If the previous suggestions do not work, disconnect the headset base from the telephone jack and connect a different phone. If there is no dial tone on that phone either, the problem is in your wiring or telephone service. Contact your telephone service provider.
- Your telephone line cord might be defective. Try installing a new telephone line cord.

Nothing happens when I slide LIFTER AUDIO ADJUST to get a clear dial tone.

• There is no need to change the **LIFTER AUDIO ADJUST** switch when you use **NO LIFTER MODE**. If you cannot get a dial tone, try all the suggestions mentioned above.

I am getting a buzzing sound on my headset or corded base speakerphone.

- Your telephone may experience interference from the headset. To overcome this problem, move the headset base at least 12 inches away from the telephone.
- Other electronic products such as HAM radios and other DECT phones, can cause interference with your cordless headset. Try installing your headset as far away as possible from these types of electronic devices.

I cannot dial out.

- First, try all the suggestions mentioned above.
- Make sure you have a dial tone before dialing. The cordless headset may take a second or two to find the headset base and produce a dial tone. This is normal. Wait an extra second before dialing.
- Eliminate any background noise. Noise from a television, radio or other appliances may cause the headset to not dial out properly. If you cannot eliminate the background noise, try dialing from another room with less background noise.
- If the other phones 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).

The other party cannot hear my voice during a call.

- Adjust the speaking volume during a call (page 32).
- If you are using LIFTER MODE, you might need to slide the LIFTER AUDIO ADJUST switch (page 17).
- If you are using a handset lifter, see the handset lifter user's manual for instructions on setting the **LIFTER AUDIO ADJUST**.

My cordless headset isn't performing normally.

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

The batteries do not hold a charge.

- Make sure that the headset battery is installed and securely plugged into the connector.
- If the cordless headset is in the headset base and the ON/OFF light on the headset does not turn on, refer to The ON/OFF light on the headset is off while charging on page 43 of this Troubleshooting guide.
- Charge the battery in the cordless headset for at least 6 hours. For optimum daily performance, return the cordless headset to the headset base when not in use.
- You may need a new battery. Refer to **Battery charging** on page 10.
- Your headset might be defective. Refer to **Limited warranty** on pages 62-65 for further instructions.

I get noise, static, or weak signal even when I'm near the headset 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. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.
- You may be able to improve the performance of your cordless headset by installing your new headset base as far as possible from any existing cordless telephone system.
- Other electronic products such as HAM radios and other DECT phones, can cause interference with your cordless headset. Try installing your headset as far away as possible from these types of electronic devices.
- Do not install this headset near a microwave oven or on the same electrical outlet. You may experience decreased performance while the microwave oven is operating.
- If your headset is plugged in with a modem or a surge protector, plug the headset (or modem/surge protector) into a different location. If this doesn't solve the problem, relocate your headset or modem farther apart from one another, or use a different surge protector.
- Relocate your headset base to a higher location. You may experience better reception by elevating the headset base.
- If the other phones 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).

I hear other calls while using my headset.

• Disconnect the headset base from the telephone jack, and plug in a different telephone. If you still hear other calls, the problem is probably in your building's wiring or telephone service. Contact your telephone service provider.

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

- Other electronic products such as HAM radios and other DECT phones, can cause interference with your cordless headset. Try installing your headset as far away as possible from these types of electronic devices.
- Do not install the headset near a microwave oven or on the same electrical outlet. You may experience decreased performance while the microwave oven is operating.
- If your headset is plugged in with a modem or surge protector, plug the headset (or modem/surge protector) into a different location. If this doesn't solve the problem, relocate your headset or modem farther apart from one another, or use a different surge protector.
- Relocate your headset base to a higher location. You may experience better reception by elevating the base.
- If the other phones 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).

I cannot hear a ring tone from the headset when there is an incoming call.

- If you have pressed **MUTE/FLASH** on the headset when it is ringing, it mutes the ring tone of the headset. The ring tone resumes on the next call.
- If you are using a handset lifter, see the handset lifter user's manual.
- You may have too many extension phones on your telephone line to allow all of them to ring simultaneously. Try unplugging some of the other phones.
- The layout of your home or office might be limiting the operating range. Try moving the headset base to another location, preferably on an upper floor.
- Test a working phone at the phone jack. If another phone has the same problem, the problem is the phone jack, wiring or telephone service. 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 headset. Try installing your headset as far away as possible from these types of electronic devices.
- Remove the battery and install again. Place the cordless headset in the headset base. Wait for the cordless headset to reestablish its connection with the headset base. Allow up to one minute for this to take place.
- Your telephone line cord might be defective. Try installing a new telephone line cord.

The ON/OFF light on the headset is off while charging.

- Make sure the power and line cords are plugged in correctly and securely.
- Make sure that the battery connector is securely plugged into the cordless headset.
- Push the headset downwards in the headset base charging cradle until the **ON/OFF** light on the headset turns on.
- Unplug the unit's electrical power. Wait for 15 seconds, then plug it back in. Allow up to one minute for the cordless headset and headset base to reset.
- Clean the cordless headset and headset base charging contacts each month using a pencil eraser or cloth.
- Your headset or headset base might be defective. Refer to **Limited warranty** on pages 62-65 for further instructions.

Common cure for electronic equipment.

If the unit does not seem to respond normally, try putting the cordless headset in its base. If it does not seem to respond, do the following (in the order listed):

- Disconnect the power to the headset base.
- Disconnect the cordless headset battery.
- Wait for a few minutes.
- Connect power to the headset base.
- Install the battery again and then place the cordless headset into the headset base.
- Wait for the cordless headset to reestablish its connection with the headset base. Allow up to one minute for this to take place.



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 headset during a thunderstorm. There may be a slight chance of electric shock from lightning.
- Do not use the headset to report a gas leak in the vicinity of the leak. Under certain circumstances, a spark may be created when the adapter is plugged into the power outlet, or when the headset is replaced in its cradle. This is a common event associated with the closing of any electrical circuit. The user should not plug the headset base into a power outlet, and should not put a charged headset into the cradle, if the headset base is located in an environment containing concentrations of flammable or flame-supporting gases, unless there is adequate ventilation. A spark in such an environment could create a fire or explosion. Such environments might include: medical use of oxygen without adequate ventilation; industrial gases (cleaning solvents; gasoline vapors; etc.); a leak of natural gas; etc.
- 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 Troubleshooting on pages 36-43 of this user's manual. If you cannot solve the problem, or if the product is damaged, refer to Limited warranty on pages 62-65. 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 adapter is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.
- For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.



- Use only the power adapter provided with this product.
- Use only the supplied rechargeable battery or replacement battery.
- To prevent risk of fire or battery explosion, replace with the correct battery type. Dispose of used batteries according to the instructions.

Especially about cordless headsets

- **Privacy:** The same features that make a cordless headset convenient create some limitations. Telephone calls are transmitted between the headset base and the headset by radio waves, so there is a possibility that your cordless headset conversations could be intercepted by radio receiving equipment within range of the cordless headset. For this reason, you should not think of cordless headset conversations as being as private as those on corded telephones.
- Electrical power: The headset base of this cordless headset must be connected to a working electrical outlet which is not controlled by a wall switch. Calls cannot be made from the headset if the headset base is unplugged or switched off, or if the electrical power is interrupted.
- **Potential TV interference:** Some cordless headsets operate at frequencies that may cause interference to TVs and VCRs. To minimize or prevent such interference, do not place the headset base of the cordless headset near or on top of a TV or VCR. If interference is experienced, moving the cordless headset farther away from the TV or VCR will often reduce or eliminate the interference.
- **Rechargeable batteries:** This product contains nickel-cadmium, nickel-metal hydride or lithium-ion 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.
- Lithium-ion 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 lithium-ion 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. You may call 1-800-8-BATTERY[®] for locations accepting spent Li-ion batteries.

 ${\sf RBRC}^{\circ}$ and 1-800-8-BATTERY $^{\circ}$ are registered trademarks of the Rechargeable Battery Recycling Corporation.



- There may be a risk of detonation if you use a wrong type of battery. Use only the battery provided or proper replacement battery purchased separately.
- Change this product's batteries only in accordance with the instructions and limitations specified in this manual.
- As with any batteries, do not allow conductive materials, such as rings, bracelets or keys, to come in contact with the metallic parts of the battery. The battery or conductor may overheat and cause harm.
- Do not open or damage the batteries. Released electrolyte is corrosive and may cause injury to the eyes or skin. The electrolyte may be toxic if swallowed.
- Do not dispose of the batteries in a fire. Check with local waste management codes for special disposal instructions.
- To prevent fire or shock hazard, do not expose this product to water or any type of moisture.
- Observe proper polarity orientation between the battery and metallic contacts.
- Do not disassemble your headset. There are no user-serviceable parts inside. Refer to qualified service personnel for servicing.

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 cordless telephones and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

Pacemaker patients

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

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

SAVE THESE INSTRUCTIONS

In compliance with the bilingual requirements for safety, caution, and warning markings of Canadian Federal and Provincial/ Territorial statutes and regulations, the French version of Important safety information is included.

Mesures de sécurité importantes



Ce symbole vous alertera d'informations importantes ou d'instructions d'entretien pouvant apparaître dans ce guide d'utilisation. Respectez toujours les mesures de sécurité et de sécurité de base lorsque vous utilisez ce produit, afin de réduire les risques de blessures, d'incendie, ou d'électrocution.

Information relative à la sécurité

- Veuillez lire et comprendre toutes les instructions de ce guide d'utilisation. Relectez toutes les inscriptions apparaissant sur le produit.
- Évitez d'utiliser le casque d'écoute pendant un orage. Il pourrait y avoir un faible risque d'électrocution.
- N'utilisez pas un casque d'écoute près d'une fuite de gaz. Dans certaines circonstances, une flammèche pourrait se produire lorsque l'adaptateur est branché à une prise de courant, ou lorsque le casque d'écoute est déposé sur son chargeur. Ceci est un événement fréquent associé avec la fermeture d'un circuit électrique. L'utilisateur ne devrait pas brancher un téléphone dans une prise de courant, et ne devrait pas déposer un casque d'écoute chargé dans son chargeur, si le chargeur du casque d'écoute se trouve dans un environnement comportant une concentration de gaz inflammables ou ignifuges, à moins de se trouver dans un endroit où la ventilation est adéquate; des endroits où se trouvent des gaz industriels (dissolvants de nettoyage, des vapeurs de gazoline, etc.), une fuite de gaz naturel, etc.

- N'utilisez pas ce produit près de l'eau ou lorsque vous êtes mouillés. Par exemple, ne l'utilisez pas dans des sous-sols humides ou sous la douche, ou près d'une piscine, d'un bain, d'un évier de cuisine, ou d'une cuve de lavage. N'utilisez pas de liquides, ou de vaporisateurs aérosol de nettoyage. Si le produit entre en contact avec du liquide, débranchez immédiatement le fil téléphonique ou le cordon d'alimentation. Ne rebranchez pas le produit avant qu'il soit complètement sec.
- Installez cet appareil dans un endroit protégé où personne ne peut trébucher sur les cordons d'alimentation ou la ligne téléphonique. Protégez les câbles contre les dommages ou l'abrasion.
- Si le produit ne fonctionne pas correctement, consultez la section Dépannage (Troubleshooting) des pages 36-43 de ce guide d'utilisation. Si vous ne pouvez pas régler le problème, ou si le produit est endommagé, consultez la section Garantie limitée (Limited warranty) des pages 62-65. N'ouvrez pas ce produit, sauf tel qu'indiqué dans le guide d'utilisation. L'ouverture du produit ou le remontage inadéquat pourrait vous exposer à des tensions dangereuses ou autres dangers.
- Remplacez les piles uniquement tel que décrit dans votre guide d'utilisation. N'incinérez pas et ne percez pas les piles elles contiennent des produits chimiques caustiques.
- L'adaptateur de courant est conçu pour être orienté verticalement ou installé sur le plancher. Les broches ne sont pas conçues pour se maintenir en place si la fiche est branchée dans une prise de courant au plafond, sous la table ou sous une armoire.
- Pour les produits à brancher à une prise de courant, la prise de courant doit être installée près du produit, afin d'assurer une accessibilité sécuritaire à la prise de courant.



- N'utilisez seulement l'adaptateur inclus avec ce produit.
- N'utilisez que la pile de rechargeable incluse ou une pile de rechange.
- Afin de prévenir les risques d'incendie ou d'explosion de la pile, replacez la pile avec une pile du même type. Jetez les piles épuisées en respectant les instructions.

Spécifiquement en rapport avec casque d'écoute sans fil

- Confidentialité : Les mêmes caractéristiques qui rendent le casque d'écoute sans fil si pratique créent également des restrictions. Les appels téléphoniques sont transmis entre le socle du casque d'écoute et le casque d'écoute par le biais d'ondes radio, et il se peut que vos conversations téléphoniques sur le casque d'écoute sans fil soient interceptées par d'autres équipements de réception d'ondes radio au sein de la portée du casque d'écoute sans fil. Pour cette raison, vous ne devez pas considérer les conversations sur un téléphone sans fil comme étant aussi confidentielles que celles d'un téléphone à cordon.
- Alimentation électrique : La base de ce casque d'écoute sans fil doit être branchée à une prise de courant électrique fonctionnelle. La prise électrique ne doit pas être contrôlée par un interrupteur mural. Les appels ne peuvent pas être effectués à partir du socle du casque d'écoute n'est pas branchée, si elle est hors fonction ou si le courant électrique est coupé.

- Interférences potentielles aux téléviseurs: Certains casques d'écoute sans fil fonctionnent sur des fréquences pouvant causer des interférences aux téléviseurs et magnétoscopes.
 Pour réduire ou prévenir de tels parasites, ne pas déposer le socle du casque d'écoute à proximité d'un téléviseur ou magnétoscope, ni directement sur celui-ci. Si votre téléviseur affiche des interférences, éloignez le casque d'écoute sans fil de celui-ci afin de réduire les parasites.
- Piles rechargeables: Ce product comporte des piles rechargeables au nickel-cadmium, à l'hydrure métallique de nickel, ou au lithium-ion. Usez de prudence lorsque vous manipulez de telles piles et veillez à ne pas les court-circuiter avec des matériaux conducteurs, tels que des bagues, bracelets et clés. La pile ou le conducteur peut surchauffer et vous brûler. Respectez la polarité adéquate entre les piles et le chargeur de piles.
- Piles rechargeables au lithium-ion: Jetez ces piles de manière sécuritaire. N'incinérez pas et ne peercez pas les piles. Comme pour les autres piles du même type, si elles sont brûlées ou percées, des matières corrosives peuvent s'en échapper, ce qui risque de causer des brûlures ou autres blessures corporelles.



Le sceau de l'organisme de recyclage RBRC[™] sur les piles au lithium-ion signifie que le fabricant de cet appareil participe volontairement au programme industriel visant à reprendre et recycler ce type de piles lorsqu'elles ne servent plus, au sein du territoire des États-Unis et du Canada. Vous devez apporter ces piles chez un détaillant participant ou le centre de recyclage le plus près de chez vous. Ou vous pouvez composer le 1-800-8-BATTERY^{™D} afin de connaître les endroits qui acceptent les piles au lithium-ion mortes.

RBRC^{MD} et 1-800-8-BATTERY^{MD} sont des marques déposées de Rechargeable Battery Recycling Corporation.



- Il y a une faible risque d'explosion si vous utilisez le mauvais type de pile. N'utilisez que la pile rechargeable incluse ou conçue pour fonctionner avec votre appareil.
- Remplacez cette pile en respectant les instructions et les limitations spécifiées dans ce guide d'utilisation.
- Comme avec tout matériaux conducteur, veillez à ne pas court-circuiter les bornes de la pile avec des matériaux conducteurs, tels que des bagues, bracelets et clés. La pile ou le conducteur peut surchauffer et vous brûler. La pile ou les conducteurs peuvent surchauffer et causer des blessures.
- N'ouvrez pas et n'endommagez les piles. L'électrolyte qui s'en dégagerait est corrosif et peut causer des blessures aux yeux ou à la peau. L'électrolyte est toxique si avalé.
- N'incinérez pas les piles. Vérifiez auprès des autorités locales pour les instructions de mise aux rebus locales.
- Afin de prévenir les risques d'incendies, n'exposez pas ce produit à l'eau ou à l'humidité.
- Veuillez respecter la polarité des piles et des bornes métalliques.
- Ne démontez pas votre casque d'écoute. Aucune pièce pouvant être réparée par l'utilisateur ne se trouve à l'intérieur de l'appareil. Confiez la réparation à un technicien qualifié.

Mesures préventives pour les utilisateurs de stimulateurs cardiaques implantés dans l'organisme

Stimulateurs cardiaques (ne s'applique qu'aux téléphones sans fil numériques) :

L'organisme 'Wireless Technology Research, LLC (WTR)', une firme de recherche indépendante, a mené une évaluation pluridisciplinaire des interférences entre les téléphones sans fil portatifs et les stimulateurs cardiaques implantés dans l'organisme. Appuyée par l'Administration des aliments et drogues (FDA) des États-unis, la firme WTR recommande aux médecins :

Avis aux détenteurs de stimulateurs cardiaques

- Ils doivent tenir le téléphone sans fil à une distance d'au moins six pouces du stimulateur cardiaque.
- Ils ne doivent PAS placer le téléphone sans fil directement sur le stimulateur cardiaque, tel que dans une poche de chemise, lorsque celui-ci est en fonction.
- Ils doivent utiliser le téléphone sans fil en l'appuyant sur l'oreille qui se trouve dans la direction opposée au stimulateur cardiaque.

L'étude effectuée par l'organisme WRS n'a pas identifié de risque pour les détenteurs de simulateurs cardiaques causé par les gens qui utilisent un téléphone sans fil à proximité de ceux-ci.

CONSERVEZ CES INSTRUCTIONS

_{Appendix} Maintenance

Taking care of your headset

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

Avoid water

• Your headset can be damaged if it gets wet. Do not use the headset outdoors in the rain, or handle it with wet hands. Do not install the headset 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 electrical appliances during storms.

Cleaning your headset

- Your headset 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 headset base should fall into water, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORDS FROM THE WALL. Pull the unit out by the unplugged cords.

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 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 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.

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

This device complies with Industry Canada licence-exempt RSS standard(s).

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.

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 device.

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 headset may be safely held against the ear of the user. The headset base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more.

This Class B digital apparatus complies with Canadian requirement: CAN ICES-3 (B)/NMB-3(B).

Appendix California Energy Commission battery charging testing instructions

This headset is set up to comply with the energy-conserving standards right out of the box. These instructions are intended for California Energy Commission (CEC) compliance testing only. When the CEC battery charging testing mode is activated, all headset functions, except battery charging, will be disabled.

To activate the CEC battery charging testing mode:

- 1. Unplug the headset base power adapter from the power outlet. Make sure the headset is plugged with charged battery before proceeding.
- 2. <u>Press and hold</u> **PAIR** on the headset base while powering up the base by plugging in the adapter.
- 3. After about 20 seconds, when the **MUTE** light starts flashing, release **PAIR** and then press it again within two seconds.



The process takes up to one minute to complete. When the headset successfully enters the CEC battery charging testing mode, the **MUTE** light turns off and the headset **ON/OFF** light flashes twice every five seconds.

Note: When the headset fails to enter this mode, repeat all the steps mentioned above.

To deactivate the CEC battery charging testing mode:

- 1. Unplug the headset base power adapter from the power outlet, then plug it back in. The headset base is powered up as normal.
- 2. Register the headset back to the headset base. See page 19 for headset registration instructions.

If you have registered the cordless headset to a compatible **AT&T DECT cordless telephone**, please refer to the respective user's manual for the activation and deactivation of CEC battery charging testing mode.

If you have registered the cordless headset to a telephone base that does not have CEC battery charging testing mode, your telephone system, including the cordless headset, will not enter the CEC battery charging testing mode.



Appendix 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, dial 1 (866) 288-4268.

1. What does this limited warranty cover?

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

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

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

Appendix Limited warranty

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
- 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

Appendix Limited warranty

- PRODUCT returned without a valid proof of purchase (see item 6); 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's controls and features may save you a service call.

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

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

a. Return the entire original package and contents including the PRODUCT to the service location along with a description of the malfunction or difficulty; and

Appendix

Limited warranty

- 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 may also have other rights which vary from state to state or province to province.

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

Please retain your original sales receipt as proof of purchase.

Appendix Technical specifications

RF frequency band	1921.536MHz — 1928.448MHz
Channels	5
Headset base voltage (AC voltage, 60Hz)	96 — 127 Vrms
Headset base voltage (AC adapter output)	Output #1: 6VDC @ 450mA Output #2: 6VDC @ 300mA
Headset voltage	3.2 — 4.2 VDC
Replacement battery	3.7V 240mAH Li-ion Polymer

DECT 6.0 digital technology

Digital Enhanced Cordless 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.

Operating range

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

Extended range and clarity

Experience the best in long-range coverage and clarity, provided by a unique antenna design and advances in noise-filtering technology. The Marathon is a fully cordless DECT 6.0 headset offering a range of up to 500 feet. Open range test was performed by Wyle Laboratories, an independent commercial test facility. "Up to 500 feet" cordless headset range refers to the maximum open field range. Actual range may vary depending on intervening obstacles. Sound level protection technology conforms to the current regulations and is used to filter out the loud and high-pitched noises.

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