at&t

User's manual

2.4 GHz Cordless Telephone E2801

with caller ID/call waiting

Congratulations
on your purchase
of this AT&T product.
Before using this AT&T product, please
read the **Important safety instructions**
on pages 39-41 of this manual.

Please thoroughly read the user's
manual for all the feature operation
and troubleshooting information you
need to install and operate your new
AT&T product. You can also visit our
website at www.telephones.att.com

Model #:	E2801
Type:	2.4GHz cordless telephone
Serial #:	_____
	(found on the bottom of the telephone base)
Purchase date:	_____
Place of purchase:	_____

| You must install and charge the battery before using the telephone. | STOP! | **See page 7** for easy instructions. |

For customer service or product information, visit our website at
www.telephones.att.com.

CAUTION: To reduce the risk of fire or injury to persons or damage to the telephone, read and follow these instructions carefully:

• Use only the supplied rechargeable battery or replacement battery (model 27910, part number 89-0099-00-00) or equivalent. To order a replacement battery, visit our website at www.telephones.att.com or call 1 (800) 222-3111; in Canada, call 1 (866) 288-4268.

• Do not dispose of the battery in a fire. Like other batteries of this type, it could explode if burned. Check with local codes for special disposal instructions.

• Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

• Exercise care in handling batteries in order not to create a short circuit. Do not allow conductive materials such as rings, bracelets, or keys to touch the battery. The battery or conductor may overheat and cause harm.

• Charge the battery provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

• Observe proper polarity orientation between the battery and battery charger.

• Do not disassemble your telephone. There are no user-serviceable parts inside. Refer to qualified service personnel for servicing.

User's manual

2.4 GHz Cordless Telephone E2801

with caller ID / call waiting

Table of contents

Quick reference guide

Cordless handset

▼ CID/- VOLUME

Press to scroll down while in menus. Press to display caller ID information (page 27). While entering names or numbers, press to move the cursor to the left (page 19). Press to decrease the listening volume while on a call (page 13).

PHONE/FLASH

Press to make or answer a call. During a call, press to receive an incoming call if call waiting is activated (page 13).

REDIAL/PAUSE

Press to view redial memory (page 12). While entering numbers, press and hold to insert a dialing pause (page 19).

MUTE

While on a call, press to mute microphone (page 13).

SPEAKER

Press to activate handset speakerphone. Press again to resume normal handset use (page 11).

MENU/SELECT

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

DIR ▲/VOLUME+

Press to scroll up while in menus. Press to display directory entries (page 21). While entering names or numbers, press to move the cursor to the right (page 19). Press to increase the listening volume while on a call (page 13).

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. While predialing, press to delete digits (page 11).

DELETE

While reviewing the call log, press to delete an individual entry, or press and hold to clear the caller ID log (page 28). While entering or editing a name or number, press to delete a character (page 19).

Feature menu

>DIRECTORY

Menu

Feature menu

Using menus

Press ▼CID/-VOLUME or DIR ▲ VOLUME+ to scroll through menu items.

Press **MENU/SELECT** to select or modify a displayed item.

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

Quick reference guide

Telephone base

CHARGE/IN USE
On when the cordless handset is properly positioned to charge in the telephone base.

Flashes during an incoming call's ringing.

Flashes when the handset is in use, or when another telephone on the same line is in use.

VOICEMAIL
Flashes when there are new voicemail (requires voicemail service from your local telephone company).

HANDSET LOCATOR
Press to make the handset beep (page 12).

Parts checklist

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

Check to make sure the telephone package includes the following:

User's manual	Quick start guide	Cordless handset	Telephone base

Battery for cordless handset	Battery compartment cover

Power adapter for telephone base	Belt clip for cordless handset	Telephone line cord

Telephone base installation

Choose a central location close to a telephone jack and a power outlet not connected to a wall switch. The telephone base can be placed on a flat surface or mounted on a standard wall plate. For optimum range and better reception, place the telephone base in a high and open location.

Avoid placing the telephone base too close to:

• Communication devices such as: personal computers, computer routers, television sets, VCRs, wireless routers (wireless broadband, wi-fi, or 802.11) 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 temperatures.

• Mechanical vibration or shock such as on top of the washing machine or work bench.

Telephone base installation

1. Plug one end of the telephone line cord into the telephone jack at the bottom of the telephone base.

2. Plug the small end of the power adapter into the power jack at the bottom of the telephone base.

3. Route cords through slots.

5. Plug the other end of the telephone line cord into a telephone jack.

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

DSL filter (Optional for DSL users, see number four in the note section below.)

Telephone line cord

NOTES:
1. Use only the power cord supplied with this product. To order a replacement power cord, visit our website at www.telephones.att.com, or call 1 (800) 222-3111; in Canada, call 1 (866) 288-4268.

2. Be sure to use an electrical outlet not controlled by a wall switch.

3. This power unit is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.

4. If you receive high speed internet through your telephone line (commonly referred to as DSL), and you are experiencing interference during telephone conversations and/or your caller ID features are not functioning properly, install a DSL filter to the telephone line between the telephone base and the telephone wall jack. Contact your DSL service provider for a DSL filter.

Battery installation & charging

After installing the battery, you may be able to make and receive short calls. For best performance, place the handset in the telephone base and charge for 16 hours before use.

You can keep the battery charged by returning the handset to the telephone base after use. When the battery is fully depleted, a recharge takes about 12 hours. The average talk time on a fully charged battery is about eight hours and the standby time is approximately five days. Actual battery life depends on usage conditions and age of battery.

1. Insert the plug as indicated. Be sure to securely insert the plug, making sure it matches the color-coded label inside the battery compartment.

2. Place the battery and wires inside the compartment.

3. Slide the battery compartment cover up until it clicks.

4. You may be able to make and receive short calls. For best performance, place the handset in telephone base to charge for at lease 16 hours before first use.

LOW BATTERY

Low battery indicator
Return the handset to the telephone base to recharge when this symbol flashes. (Handset will beep when battery is low.)

To replace the battery, press in and downward on the tab of the battery compartment cover to open the battery compartment cover. Lift out the old battery and disconnect it from the handset. Follow the instructions on this page to install and charge the new battery.

NOTE: Under normal conditions, the battery should last around one year. This may vary depending on usage.

Caution: Use only the supplied rechargeable battery or replacement battery (model 27910, part number 89-0099-00-00) or equivalent. To order a replacement battery, visit our website at www.telephones.att.com or call 1 (800) 222-3111; in Canada, call 1 (866) 288-4268.

Installation options

Tabletop mount   Wall mount

Telephone outlet
mounting plate
with mounting
studs

Wall mounting

The telephone base comes with the bracket mounted for tabletop use. If wall mounting is desired, a telephone outlet wall mounting plate with mounting studs is required. This mounting plate with studs may be available for purchase from many hardware or consumer electronics retailers and may require professional installation.

1. To remove the bracket, hold the telephone base in both hands, press the two bracket tabs and lift the bracket away from slots ⓐ and ⓑ.

2. Connect the telephone line cord and power adapter to the jacks on the bottom of the telephone base. Bundle the telephone cord, and secure it with a twist tie before placing it inside the bracket.

Installation options

3. To attach the bracket for wall mounting, insert the tabs of the bracket into slots ⓔ and ⓕ on the telephone base, then press the other bracket tabs into slots ⓖ and ⓗ as shown on the right.

4. Plug the power adapter into an electrical outlet not controlled by a wall switch. Plug the telephone line cord into a telephone wall jack. To mount the telephone on the wall, position the mounting holes ⓘ and ⓙ over the telephone outlet mounting studs. Press and slide the bracket down firmly so the telephone is held securely on the telephone outlet mounting studs.

Telephone outlet mounting studs

Tabletop mounting

To return the bracket from the wall mount to tabletop position, follow the directions below.

1. Remove the telephone base from the wall. Unplug the cords from the wall jacks. Remove the bracket from the telephone base.

2. Insert the bracket tabs into slots ⓒ and ⓓ on the telephone base, then press the other bracket tabs into slots ⓐ and ⓑ.

3. Route cords through slots. Plug the other end of the telephone line cord into a telephone wall jack. Plug the large end of the power adapter into an electrical outlet not controlled by a wall switch.

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Belt clip & optional headset

Install belt clip as shown (optional).

Snap belt clip into the notches on both sides of handset.

To release belt clip from handset, lift one side of the belt clip out of the notch.

For hands-free telephone conversations, use any industry standard 2.5 mm headset (purchased separately). For best results, use an AT&T 2.5 mm headset. To order an AT&T 2.5 mm headset, visit our website at www.telephones.att.com or call 1 (800) 222-3111; in Canada, call 1 (866) 288-4268.

Plug 2.5 mm headset into the jack on the side of handset (beneath small rubber flap).

NOTE: If the sound quality of the headset is poor, try unplugging it, and firmly plugging it in again.

Elapsed
time

PHONE   00:00:12

Basic operation

Making and answering calls

To answer an incoming call, press ✆**PHONE/FLASH** or ◀♪**SPEAKER**, or any dial pad key (0-9, * or #) on the handset. To make a call, press ✆**PHONE/FLASH** or ◀♪**SPEAKER**, then dial a number. Press ✆**OFF/CLEAR** or place the handset in the telephone base to hang up.

To predial (preview numbers before dialing), press **DELETE** or ✆**OFF/CLEAR** anytime to make correc-tions, then press ✆**PHONE/FLASH** or ◀♪**SPEAKER** to dial.

The screen displays the elapsed time as you talk (in hours, minutes and seconds).

🛈**NOTE:** During a call, pressing ✆**PHONE/FLASH** to access services from your local telephone company will not affect the elapsed time.

Hands-free speakerphone calls

SPEAKER 00:00:12

To answer a call, press ◀♪**SPEAKER**. To make a call, press ◀♪**SPEAKER**, then dial a number. During a call, press ◀♪**SPEAKER** to toggle between hands-free speakerphone and normal handset use. Press ✆**OFF/CLEAR** to hang up.

🛈**NOTE:** If a headset is plugged into the handset, you will not be able to use the handset speakerphone. To use hands-free speakerphone, make sure the headset is unplugged, then press ◀♪**SPEAKER** to activate the hands-free speakerphone.

Basic operation

Last number redial

REDIAL
555-1234

Press **REDIAL/PAUSE** to display the most recently dialed numbers (up to 32 digits). Press ▼ **CID/-VOLUME** or **DIR ▲ /VOLUME+** repeatedly to view up to five recently called numbers. The handset beeps twice at the beginning or end of the list. Press ⬚**OFF/CLEAR** to exit. Press ⬚**PHONE/FLASH** or ⬚**SPEAKER** to redial any displayed number. Or press ⬚**PHONE/FLASH** then **REDIAL/PAUSE** to dial the most recently dialed number (up to 32 digits).

Press **DELETE** to delete the displayed number from the redial memory.

Temporary ring silencing

RINGER MUTE

Press ⬚**OFF/CLEAR** or **MUTE** while the telephone is ringing to silence the ringer temporarily. This will silence the ringer without disconnecting the call.

The next incoming call will ring normally.

Handset locator

If the handset is misplaced, press ⬚**HANDSET LOCATOR** on the telephone base. The handset will play a paging tone for 60 seconds to help you locate the handsets. To stop the paging tone, press ⬚**PHONE/FLASH**, ⬚**SPEAKER**, or any dial pad key (0-9, *, or #) on any of the handset, or press ⬚**HANDSET LOCATOR** on the telephone base.

ⓘ *NOTES:*

1. If the handset ringer is set to off (0), the handset locator feature is not available (see page 14).

2. During a page, if you press ⬚**OFF/CLEAR** or **MUTE** on the handset (see this page above), the ringer of the hand-set will be silenced, but it will not cancel the page.

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Volume

Flash

Tone

Mute

Options while on calls

Volume control

Press ▼**CID/-VOLUME** or **DIR** ▲**/VOLUME+** to adjust lis-tening volume. Pressing ▼**CID/-VOLUME** decreases the volume. Pressing **DIR** ▲**/VOLUME+** increases the volume. When changing the volume level, the new setting is saved.

ℹ️ ***NOTE:*** The hands-free speakerphone and headset listening volume are adjusted separately.

Call waiting

If you subscribe to call waiting service with your local telephone company, there will be a beep if there is an incoming call while you are already on a call. Press 📞**PHONE/FLASH** to put your current call on hold and take the new call. Press 📞**PHONE/FLASH** anytime to switch back and forth between calls. For more information on caller ID, see page 24.

Mute

Press **MUTE** to silence the microphone. When mute is on, **MUTE** will show on the handset screen. You will be able to hear the caller, but your caller will not be able to hear you until you press **MUTE** again and resume speaking. When mute is turned off, **MICROPHONE ON** will show temporarily on the handset screen. Mute is automatically cancelled when you end a call.

Temporary tone dialing

If you have only dial pulse (rotary) service, you can temporarily switch to touch tone dialing during a call by pressing *****. This can be useful when sending tone signals for access to answering systems or long distance services.

After you hang up or press 📞**PHONE/FLASH** (to receive a call waiting call), the telephone automatically returns to dial pulse (rotary) service.

Handset settings

1. 👉 **MENU** then ▼ twice

```
>RINGER VOLUME
```

2. 👉 **SELECT**

```
RINGER: ██████
```

3. 👉 ▲ or ▼

```
RINGER: ███
```

```
RINGER:  OFF


        🔕
```

4. 👉 **SELECT**

Use the menu to change the handset feature settings.

Press **MENU/SELECT**, then press ▼ **CID/-VOLUME** or **DIR**▲ **/VOLUME+** to display the feature to be changed. When scrolling through the menu, the displayed menu item is always highlighted with a **>** symbol. Press **MENU**/**SELECT** to select the displayed menu item.

Press 📞**OFF/CLEAR** anytime to cancel an operation or back up to the previous menu. <u>Press and hold</u> to return to idle mode.

Ringer volume

The ringer volume level can be adjusted (1-6), or turned off (0). Press ▼ **CID/-VOLUME** or **DIR** ▲ **/VOLUME+** to sample each volume level, then press **MENU/SELECT** to confirm your selection.

ℹ️*NOTE:* The ringer volume determines the volume level for the paging tone when using the handset locator feature (see page 12). If the handset ringer volume level is turned to off (0), that handset will be silenced for all incoming calls and paging.

Handset settings

Ringer tone

1. ☞**MENU** then ▼ three times

> >RINGER TONE

This feature allows you to choose one of 10 ringer tones. Press ▼ **CID/-VOLUME** or **DIR** ▲**/VOLUME+** to sample each ringer tone. Press **MENU/SELECT** to confirm your selection.

2. ☞**SELECT** then ▲ or ▼

> RINGER TONE: 6

3. ☞**SELECT**

Key tone

1. ☞**MENU** then ▼ four times

> >KEY TONE

The handset is factory set to beep with each key press. Press ▼ **CID/-VOLUME** or **DIR** ▲**/VOLUME+** to select **ON** or **OFF**, then press **MENU/SELECT** to save your preference.

2. ☞**SELECT** then ▲ or ▼

> KEY TONE: ON

i *NOTE:* If you select **OFF** for key tone, you will not hear any beep tones when keys are pressed.

> KEY TONE: OFF

3. ☞**SELECT**

Handset settings

1. ☞ **MENU** then ▼ five times

> >LANGUAGE

2. ☞ **SELECT** then ▲ or ▼

> >ENGLISH

3. ☞ **SELECT**

1. ☞ **MENU** then ▼ seven times

> >DIAL TYPE

2. ☞ **SELECT** then ▲ or ▼

> DIAL TYPE: TONE

> DIAL TYPE: PULSE

3. ☞ **SELECT**

Language

This feature allows you to select the language used in all menus and screen displays. Press ▼ **CID/-VOLUME** or **DIR** ▲ **/VOLUME+** to select **ENGLISH, FRANCAIS** or **ESPANOL**. Press **MENU/SELECT** to save your preference.

Dial type

Using this menu, choose **TONE** or **PULSE** (rotary) dialing. The telephone is factory set to **TONE**. Change the type to **PULSE** only if you do not have touch-tone dialing service.

Press ▼**CID/-VOLUME** or **DIR**▲**/VOLUME+** to select **TONE** or **PULSE**, then press **MENU/SELECT** to save your preference.

1. MENU then ▼ six
   times

>CLR VOICE MAIL

2. SELECT then ▲ or ▼

CLEAR: YES

3. SELECT

Handset settings

Clear voicemail indication

If you subscribe to voicemail services provided by your local telephone company, **NEW VOICE MAIL** and a ✉ icon will appear on the handset display when you have a new voicemail message. The **VOICEMAIL** light on the telephone base will flash.

Follow the steps on the left to manually remove the **NEW VOICE MAIL** message, ✉ icon and ture off the **VOICEMAIL** light.

This only turns off the displayed **NEW VOICE MAIL** message, ✉ icon and **VOICEMAIL** light. It does not delete your voicemail message(s).

Use this feature when the telephone indicates there is voicemail when you have none or you have accessed your voicemail from a remote location (while away from home). If there is actually a new voicemail message, your local telephone company will continue to send a signal which will cause the **NEW VOICE MAIL** message, ✉ icon and **VOICEMAIL** light to get display again.

🛈*NOTES:*

1. Telephone company voicemail may alert you to new messages with a stutter (broken) dial tone. Contact your telephone company for more details.
2. **NEW VOICE MAIL** will replace the handset number **HANDSET 1** when the telephone is idle. To see the handset number temporarily, press ✆**OFF/CLEAR**.

Directory

Memory capacity

The directory can store up to 50 entries. Each entry can contain a number up to 32 digits, and a name up to 16 letters. For information about a search feature which can help you find and dial numbers quickly see page 21.

Timeouts and error messages

If you pause for too long while creating an entry, the process will time out and it will be necessary start again.

If all memory locations are in use, the screen will display **DIRECTORY FULL**. You will not be able to store a new number until an existing one is deleted.

HANDSET 1

1. ☞ **MENU**

>DIRECTORY

2. ☞ **SELECT** then ▼

>STORE

3. ☞ **SELECT**

ENTER NUMBER
                    _

4. ☞

ENTER NUMBER
        555-1234_

New directory entries

To create a new directory entry

Press **MENU/SELECT**, then press **MENU/SELECT** to choose **DIRECTORY**. Press ▼**CID/-VOLUME** to highlight **STORE**. Press **MENU/SELECT**, then enter the telephone number when **ENTER NUMBER** is prompted.

Press the dial pad to enter up to 32 digits.

• To copy a number from redial, press **REDIAL/PAUSE** and then press ▼**CID/-VOLUME** or **DIR▲/VOLUME+** to locate the number to copy. Press **MENU/SELECT** to copy the number.

• Press **DELETE** to erase numbers.

• Press and hold **REDIAL/PAUSE** to enter a three-second dialing pause (a **P** appears on the screen), if you need to pause for accessing banking or long distance services.

Press **MENU/SELECT** to store the number on the display. The display will show **ALREADY SAVED** if the number is already in the directory. **ENTER NAME** will be prompted.

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5. **SELECT**

ENTER NAME
    555-1234

6.

Pat Williams_
    555-1234

7. **SELECT**

Pat Williams
555-1234

New directory entries

To enter a name

When **ENTER NAME** is prompted, use the dial pad and the chart below to enter a name (up to 16 characters). Each press of a particular key will cause characters to be displayed in the following order:

Dial key	Characters by number of key presses								
	1	2	3	4	5	6	7	8	9
1	1	#	'	,	-	.	&		
2	A	B	C	2	a	b	c		
3	D	E	F	3	d	e	f		
4	G	H	I	4	g	h	i		
5	J	K	L	5	j	k	l		
6	M	N	O	6	m	n	o		
7	P	Q	R	S	7	p	q	r	s
8	T	U	V	8	t	u	v		
9	W	X	Y	Z	9	w	x	y	z
0	0								
*	*	?	!	/	(	)	@		
#	space								

The cursor moves to the right when you press another dial pad key or **DIR▲/VOLUME+**. Press the **#** key to enter a space. Press ▼**CID/-VOLUME** to move the cursor to the left. Press **DELETE** to erase letters if you make a mistake.

Press **MENU/SELECT** to store the new directory entry. To edit an entry, see page 22.

HANDSET 1

1. DIR

Andrew
555-6789

2. ▲ or ▼

Barbara
555-9876

- OR -

5

Jennifer
555-4321

7

Pat
555-1234

NOTE: Each line can hold 16 digits, so if a number longer than 16 digits, the display will then alternate between the last 16 digits and the remaining digits.

Directory search

To browse through the directory

Press **DIR ▲/VOLUME+** to display the first listing in the directory. Press ▼ **CID/-VOLUME** or **DIR ▲/VOLUME+** to browse through the directory for a specific entry. Entries will be displayed alphabetically by the first letter in the name. Press **OFF/CLEAR** anytime to exit the directory.

NOTE: You can also display the first listing in the directory, when the handset is idle, press **MENU/SELECT**, then **MENU/SELECT** to choose **DIRECTORY**, and then **MENU/SELECT** again to choose **REVIEW**.

Search the directory

While an entry is displayed in the directory, press a dial pad key (2-9) to start a quick name search. The directory will display the first name beginning with the first letter associated with a certain key (if there is an entry beginning with any letter on that key).

NOTES:

1. On the dial pad or quick search keys (2-9), each key corresponds to the letters. Please refer to page 20 for details.
2. If there is no name entry matching the first letter of the key, the directory will display a name entry matching the second letter of the key.

If there is more than one entry beginning with the same letter, it will be necessary to scroll through all the names that begin with that letter before seeing names that beginning with the next letter.

For example, if there are entries for Jennifer, Jessie, Kevin and Linda in the directory, pressing the dial pad key **5** once will show Jennifer, twice for Jessie, three times for Kevin and four times for Linda. If you press **4**, and if there is no name entry which matches those letters, the directory will show Jennifer because it is the name entry which matches the next available letter (J) in the directory.

```
┌─────────────────┐
│                 │
│   HANDSET 1     │
│                 │
│                 │
└─────────────────┘
```

1. 👉 **DIR**

```
┌─────────────────┐
│     Andrew      │
│    555-6789     │
│                 │
│                 │
└─────────────────┘
```

2. 👉 **SELECT**.

```
┌─────────────────┐
│ >EDIT NAME      │
│                 │
│                 │
│                 │
└─────────────────┘
```

3. 👉 **SELECT**.

```
┌─────────────────┐
│ Andrew_         │
│      555-6789   │
│                 │
│                 │
└─────────────────┘
```

4. 👉


```
┌─────────────────┐
│ Andy_           │
│      555-6789   │
│                 │
│                 │
└─────────────────┘
```

5. 👉 **SELECT**

```
┌─────────────────┐
│     Andy        │
│    555-6789     │
│                 │
│                 │
└─────────────────┘
```

To dial, edit or delete entries

To dial a displayed number

When any directory entry is displayed, press ◀)**SPEAKER** or 📞**PHONE/FLASH** to dial the displayed number.

To edit a name

When any directory entry is displayed, follow the steps on the left to edit the name.

Press ▼ **CID/-VOLUME** to move the cursor to the left or **DIR** ▲ **/VOLUME+** to move the cursor to the right. Press **DELETE** to erase characters, or press and hold to erase all characters. Use the dial pad keys to enter the correct name (see page 20).

HANDSET 1

1. ☞ **DIR**

Andrew
555-6789

2. ☞ **SELECT** then ▼

>EDIT NUMBER

3. ☞ **SELECT**

Andrew
 555-6789_

4. ☞

```
1    2 ABC  3 DEF
4 GHI 5 JKL  6 MNO
7 PQRS 8 TUV 9 WXYZ
TONE *  0 OPER  #
```

Andrew
 555-9876_

5. ☞ **SELECT**

Andrew
555-9876

To dial, edit or delete entries

To edit a number

When any directory entry is displayed, follow the steps on the left to edit the number.

Press ▼ **CID/-VOLUME** to move the cursor to the left or **DIR**▲**/VOLUME+** to move the cursor to the right. Press **DELETE** to erase digits, or press and hold to erase all digits.

Press the dial pad to enter up to 32 digits.

• To copy a number from redial, press **REDIAL/PAUSE** and then press ▼ **CID/-VOLUME** or **DIR**▲**/VOLUME+** to locate the number to copy. Press **MENU/SELECT** to copy the number.

• Press and hold **REDIAL/PAUSE** to enter a three-second dialing pause (a **P** appears on the screen), if you need to pause for accessing banking or long distance services.

To delete an entry

When any directory entry is displayed, press **DELETE** to delete the displayed entry from the directory. Once deleted, an entry cannot be retrieved.

ⓘ*NOTE:* When any directory is displayed, to delete it, press **MENU/SELECT** then ▼ **CID/-VOLUME** twice to choose **DELETE ENTRY**, and then press **MENU/SELECT** again to confirm.

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Caller ID operation

Information about caller ID with call waiting

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

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

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

• You have both caller ID and call waiting, but as separate services (you may need combined service).

• You have only caller ID service, or only call waiting service.

• You do not have any caller ID or call waiting services.

This product can be used with regular caller ID service, or this product's other features can be used without subscribing to either caller ID or combined caller ID with call waiting service.

There are fees for caller ID services. In addition, services may not be available in all areas.

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

RING!

CHRISTINE SMITH
908-555-0100

10:01ᴬᴹ   11/23

Caller ID operation

How caller ID works

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

Caller's name

CHRISTINE SMITH

Caller's number ——— 908-555-0100

NEW

Appears when the call is missed and un-reviewed.

Time of call ——— 10:01ᴬᴹ 11/23

Date of call

Information about the last 50 incoming calls is stored in the call log. You can review the call log to find out who has called, return the call, or save the caller's name and number into the directory.

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

If a call is answered before the information appears on the screen, it will not be saved in the call log.

NOTE: Caller ID features will work only if both you and the caller are in areas offering caller ID service, and if both telephone companies use compatible equipment.

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Chris
908-555-0100

10:01^{AM} 11/23

Caller ID operation

About names

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

If the telephone number of the caller matches an exact number in your directory, the name that appears on screen will match the name already in the directory.

Example: If Christine Smith calls, her name will appear as Chris if this is how it was entered in the directory.

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

Missed calls

When a handset is in idle mode with calls un-reviewed, its screen will show **XX MISSED CALLS**.

6 MISSED CALLS

Un-reviewed entries will be counted as missed calls when the telephone is idle. Each time a call log entry marked **NEW** is reviewed, the number of missed calls decreases by one.

If there are too many missed calls and you don't want to review them one by one but still want to keep them in the call log, <u>press and hold</u> 📞**OFF/CLEAR** for four seconds when the handset is idle. All reviewed entries in the caller ID log will be considered old, and the counter is reset to 0.

NOTE: XX MISSED CALLS will replace the handset number **HANDSET 1** when the telephone is idle. To see the handset number temporarily, press 📞**OFF/CLEAR**.

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```
┌─────────────────────┐
│                     │
│   6 MISSED CALLS    │
│                     │
│                     │
│                     │
└─────────────────────┘
```
1. ☞ **CID**
```
┌─────────────────────┐
│    Pat Williams     │
│      555-1234       │
│                 NEW │
│ 10:31ᴘᴍ    11/23    │
└─────────────────────┘
```
2. ☞ ▲ or ▼
```
┌─────────────────────┐
│    Jeffrey Adams    │
│      555-9876       │
│                 NEW │
│ 10:21ᴀᴍ    11/23    │
└─────────────────────┘
```
```
┌─────────────────────┐
│   Chris Thompson    │
│    908-555-0100     │
│                 NEW │
│ 10:11ᴀᴍ    11/23    │
└─────────────────────┘
```
3. ☞ **PHONE**

- OR -

3. ☞ **#**
```
┌─────────────────────┐
│   Chris Thompson    │
│   1-908-555-0100    │
│                 NEW │
│ 10:21ᴀᴍ    11/23    │
└─────────────────────┘
```
☞ **#**
```
┌─────────────────────┐
│   Chris Thompson    │
│    1-555-0100       │
│                 NEW │
│ 10:11ᴀᴍ    11/23    │
└─────────────────────┘
```
☞ **#**
```
┌─────────────────────┐
│   Chris Thompson    │
│     555-0100        │
│                 NEW │
│ 10:11ᴀᴍ    11/23    │
└─────────────────────┘
```
4. ☞ **PHONE**

To review the call log

To review the call log

Press ▼ **CID/-ᴠᴏʟᴜᴍᴇ** to review the call log. The call log displays the caller ID entries in reverse chronological order. The most recent call is displayed first. Press ▼ **CID/-ᴠᴏʟᴜᴍᴇ** or **DIR▲/ᴠᴏʟᴜᴍᴇ+** to scroll through the list.

To return a call

Press ☎**PHONE/ꜰʟᴀꜱʜ** or ◄))**SPEAKER** to call the displayed number.

Caller ID numbers may appear with an area code that may not be required for local calls, or without a 1 that may be needed for long distance calls. If the number displayed is not in the correct format, you can change how it is dialed.

To change the number before dialing, press **#** repeatedly to see different dialing options (you can choose to dial with or without an area code, and with or without the 1), then press ☎**PHONE/ꜰʟᴀꜱʜ** or ◄))**SPEAKER** to dial the number.

To review the call log

Other options while reviewing the call log

• Press **DELETE** to delete the current entry from the call log.

• Press and hold **DELETE** to delete all entries from the call log. When asked to confirm, press ▼ CID/-VOLUME to choose **YES** then MENU/**SELECT** to clear the call log of all entries, or press ▼ CID/-VOLUME to choose **NO** then MENU/**SELECT** to exit and leave all call log entries intact.

• Press MENU/**SELECT** to copy this entry into the directory. If the name or number is not provided, you will be prompted to enter them (see pages 19-20).

NOTE: If neither the name nor number are not provided, **UNABLE TO SAVE** will be displayed.

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Screen icons, indicator lights & tones

Screen icons & alert tones

Screen icons

HANDSET 1	
10:01ᴬᴹ 11/23	

Battery charging (animated display).

Low battery (flashing); place handset in telephone base to recharge.

Speakerphone is in use.

New voicemail messages are received.

Ringer off.

MUTE Microphone is muted.

NEW Missed and un-reviewed calls.

Handset alert tones

Two short beeps	The volume level is at the maximum or minimum setting.
Four short beeps	Low battery warning.
Two beeps	Out of range from the telephone base while on a call.
Confirmation tone	Command completed successfully.

Indicator lights

CHARGE/IN USE
On when the cordless handset is properly positioned to charge in the telephone base.

Flashes during an incoming call's ringing.

Flashes when the handset is in use, or when another telephone is in use on the same line.

VOICEMAIL
Flashes when there are new voicemail (requires voicemail service from your local telephone company).

SPEAKER
On when speakerphone is in use.

Handset display screen messages

Screen display messages

XX MISSED CALLS	There are new calls in the caller ID log.
ALREADY SAVED	The telephone number entered is already stored in the directory.
CALL LOG EMPTY	You are accessing an empty call log.
CHARGING	The handset with a low battery has been placed to charge in the telephone base.
CHECK BATTERY!	The battery is not installed or not installed properly in the handset. **-OR-** The battery needs to be replaced. **-OR-** An incorrect battery has been installed by mistake. Use only the supplied rechargeable battery or replacement battery (model 27910, part number 89-0099-00-00) or equivalent. To order a replacement battery, visit our website at www.telephones.att.com or call 1 (800) 222-3111; in Canada, call 1 (866) 288-4268.
CONNECTING...	The handset has lost connection with the telephone base.
DIRECTORY EMPTY	You are accessing an empty directory.
DIRECTORY FULL	You are saving to a full directory.
ENDED	You have just disconnected a call.
INCOMING CALL	There is a incoming call.
LINE IN USE	Another telephone on the same line is in use.

Handset display screen messages

Screen display messages

LOW BATTERY	The battery needs to be recharged.
MICROPHONE ON	MUTE has been turned off and the person on the other end can hear you.
MICROPHONE MUTED	The call is on mute.
NEW VOICE MAIL	There are new voicemail messages.
NO LINE	There is no telephone line connected.
NO SIGNAL and then CALL ENDED	During a call, the handset is no longer connected with the telephone base. Try moving it closer to the telephone base.
PAGING FROM BASE	The telephone base is paging handset.
PHONE	The handset is in use.
PLACE IN CHARGER	The battery is very low. The handset should be placed in the telephone base for charging.
SAVED	The call log entry was saved to the directory successfully.
SPEAKER	The handset speakerphone is on.

Troubleshooting

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

My telephone does not work at all.

- Make sure the battery is installed and charged correctly (see page 7). For optimum daily performance, return the cordless handset to the telephone base after use.

- Make sure the power adapter is securely plugged into an outlet not controlled by a wall switch.

- Make sure the telephone line cord is plugged firmly into the telephone base and the modular wall jack.

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

- Charge the battery in the cordless handset for at least 16 hours.

- Remove and re-insert the battery. If that still does not work, it may be necessary to purchase a new battery. Please refer to the **Battery installation & charging** section of this user's manual (page 7).

- Disconnect the telephone base from the telephone line wall jack and plug in a working telephone. If this telephone does not work, the problem is probably in the wiring or the local service. Call the local telephone company.

There is no dial tone.

- First, try all the above suggestions.

- Move the cordless handset closer to the telephone base. It might be out of range.

- The telephone line cord might be malfunctioning. Try installing a new telephone line cord.

- Disconnect the telephone base from the telephone jack and connect a different telephone. If there is no dial tone on the telephone either, the problem is in your wiring or local service. Contact your local telephone company.

Troubleshooting

I cannot dial out.
- First, try all the above suggestions.
- Make sure there is a dial tone before dialing. It is normal if the cordless handset takes a second or two to synchronize with the telephone before producing a dial tone. Wait an extra second before dialing.
- Check that all the telephones connected to the same telephone line are hung up.
- Makes sure the telephone is set to the correct dial mode (pulse dial or tone dial) for the service in your area. Refer to the **Handset settings** section of this user's manual (page 16) to set the dial mode.
- If the other telephones in your home are having the same problem, the problem is in the wiring or local service. Contact your local telephone company (charges may apply).
- 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.
- Make sure all the telephones connected to the telephone line are hung up.

LOW BATTERY is displayed on screen.
- Place the handset in the base for recharging.
- Remove and re-install the battery and use it normally until fully discharged, then recharge the handset on the telephone base for 16 hours.
- If the above measures do not correct the problem, the battery may need to be replaced.

The battery does not charge in the handset or the handset battery does not accept charge.
- Make sure the handset is placed in the telephone base correctly. The **CHARGE** light on the telephone base should be on.
- If the cordless handset is in the telephone base but the **CHARGE** light is not on, refer to **The CHARGE light is off** in this section (page 34).

Troubleshooting

- • It may be necessary to purchase a new battery. Please refer to the **Battery installation & charging** section of this user's manual (page 7).

- • The telephone might be malfunctioning. Please refer to the **Limited warranty** section of this user's manual (page 45) for further instruction.

The **CHARGE** light is off.
- • Clean the metallic charging contacts on the cordless hand-sets each month using a pencil eraser or a dry non-abrasive fabric.

Metallic charging contacts

- • Make sure the power adapter and telephone line cords are plugged in correctly and securely.

- • Unplug the power adapter. Wait for 15 seconds before plugging it back in. Allow up to one minute for the cordless handset and telephone base to reset.

- • The telephone might be malfunctioning. Please refer to the **Limited warranty** section of this user's manual for further instruction (see page 45).

The telephone does not ring when there is an incoming call.
- • Make sure the ringer is on. (See page 14 for handset).

- • Make sure the telephone line cord and power adapter are plugged in properly (see page 6).

- • The cordless handset may be too far from the telephone base. Move it closer to the telephone base.

- • There may be too many extension telephones on the tel-ephone line to allow all of them to ring simultaneously. Try unplugging some of them.

- • If the other telephones in your home are having the same problem, the problem is in the wiring or local service. Contact the local telephone company (charges may apply).

Troubleshooting

- Other electronic products can cause interference to your cordless telephone. Try installing your telephone as far away as possible from the following electronic devices: wireless routers, radios, radio towers, pager towers, cellular telephones, digital telephones, intercoms, room monitors, televisions, VCRs, personal computers, kitchen appliances, and other cordless telephones.

- Test a working telephone at the same telephone jack. If another telephone has the same problem, the problem is in the telephone jack. Contact your local telephone company (charges may apply).

- The telephone line cord might be malfunctioning. Try installing a new telephone line cord.

- Re-install the battery and place the cordless handset in the telephone base.

- Wait for the cordless handset to synchronize with the telephone base. Allow up to one minute for this to take place.

My telephone rings but when I try to answer the call the handset screen shows CONNECTING...

- The cordless handset may be too far from the telephone base. Move closer to the telephone base and try to answer the call.

CONNECTING... displays on my cordless handset.

- Ensure that the telephone base is powered up.
- Place the cordless handset in the telephone base for one minute to allow the cordless handset and telephone base to resynchronize channels.
- Move the cordless handset closer to the telephone base. You might have moved out of range.
- If the cordless handset is in its telephone base and the **CHARGE** light does not come on, refer to **The CHARGE light is off** section in this troubleshooting guide (see page 34).
- Reset the telephone base. Unplug the telephone base's electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the cordless handset and telephone base to reset.

Troubleshooting

	• Other electronic products can cause interference with your cordless telephone. Try installing your telephone as far away from these types of electronic devices as as possible. These devices include: routers, radios, radio towers, page towers, cell phones, intercoms, room monitors, televisions, personal computers, kitchen appliances and cordless telephones.
There is noise or interference during a telephone conversation.	• The handset may be out of range. Move it closer to the telephone base. • Appliances or other cordless telephones plugged into the same circuit as the telephone base can cause interference. Try moving the appliance or telephone base to another outlet.
My calls fade out or cut in and out when I am using the cordless handset.	• Other electronic products can cause interference to your cordless telephone. Try installing your telephone as far away as possible from the following electronic devices: wireless routers, radios, radio towers, pager towers, cellular telephones, digital telephones, intercoms, room monitors, televisions, VCRs, personal computers, kitchen appliances, wireless routers, and other cordless telephones. • If you have a headset plugged into the handset, try unplugging it and firmly plugging it in again. • Microwave ovens operate on the same frequency as your telephone. It is normal to experience static on your telephone while the microwave oven is operating. Do not install this telephone in the same outlet or near a microwave oven. • If your telephone is plugged in with a modem or a surge protector, plug the telephone (or modem/surge protector) into a different location. If this solves the problem, re-locate your telephone or modem farther apart from each other, or use a different surge protector. • If you have a headset plugged into the handset, try unplugging it and firmly plugging it in again. • The layout of your home or office might be limiting the operating range. Trying moving the base to another location, preferably a higher location for better reception.

Troubleshooting

- Disconnect the telephone base from the modular jack and plug in a corded telephone. If calls are still not clear, the problem is probably in the wiring or local service. Contact your local service company (charges may apply).

- Other cordless telephones and 802.11 wireless routers that are used for home computer networks both use internal radios to communicate. The radios may interfere with one another. You can improve the performance of your cordless telephones and your router by:

  a. Positioning your new telephone as far away from any other already installed cordless telephone in your home as possible. This will hinder the interference of the two systems with one another.

  b. Positioning your telephone base as far as possible from your router, computer or any other computer devices.

  c. Selecting channels 4 through 10 for your router (refer to your router's user manual for more information).

- Do you have DSL service? If yes, you need to have a DSL filter installed at every telephone jack that has a telephone connected to it. Contact your DSL service provider for filter information

I hear other calls when using the telephone.	• Disconnect the telephone base from the telephone jack. Plug in a different telephone. If you still hear other calls, the problem is probably in the wiring or local service. Call your local telephone company.
My caller ID features are not working properly.	• Caller ID is a subscription service. You must subscribe to this service from your local telephone company for this feature to work on your telephone. • The caller may not be calling from an area which supports caller ID. • Both you and the caller's telephone companies must use equipment which are compatible with caller ID service. • If you subscribe to DSL service, install a noise filter to the telephone line between the telephone base and the telephone line jack. Contact your DSL service provider for filter information.

Troubleshooting

The system does not receive caller ID or the system does not display caller ID during call waiting.

• Make sure you subscribe to Caller ID with Call Waiting features services provided by the local telephone company.

• The caller may not be calling from an area which supports caller ID.

• Both you and the caller's telephone companies must use equipment which are compatible with caller ID service.

• If you subscribe to DSL service, install a noise filter to the telephone line between the telephone base and the telephone line jack. Contact your DSL service provider for filter information.

Common cure for electronic equipment.

• If the telephone is not responding normally, trying putting the cordless handset in the telephone base. If it does not seem to respond, try the following (in the order listed):

1. Disconnect the power to the telephone base.
2. Disconnect the battery on the cordless handset.
3. Wait a few minutes before connecting power to the telephone base.
4. Re-install the battery and place the cordless handset into the telephone base.
5. Wait for the cordless handset to synchronize its connection with the telephone base. Allow up to one minute for this to take place.

Important safety instructions

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

Safety information

• **Read and understand all instructions in the user's manual. Observe all markings on the product.**

• **Avoid using a telephone during a thunderstorm.** There may be a slight chance of electric shock from lightning.

• **Do not use a telephone in the vicinity of a gas leak.** If you suspect a gas leak, report it immediately, but use a telephone away from the area where gas is leaking. If this product is a cordless model, make sure the base is also away from the area.

• **Do not use this product near water, or when you are wet.** For example, do not use it in a wet basement or shower, or next to a swimming pool, bathtub, kitchen sink, or laundry tub. Do not use liquids or aerosol sprays for cleaning. If the product comes in contact with any liquids, unplug any line or power cord immediately. Do not plug the product back in until it has dried thoroughly.

• **Install this product in a protected location** where no one can trip over any line or power cords. Protect cords from damage or abrasion.

• **If this product does not operate normally, read Troubleshooting in this user's manual.** If you cannot solve the problem, or if the product is damaged, refer to the limited warranty. Do not open this product except as may be directed in your user's manual. Opening the product or reassembling it incorrectly may expose you to hazardous voltages or other risks.

• **If this product has user-replaceable batteries, replace batteries only as described in your user's manual.** Do not burn or puncture batteries — they contain caustic chemicals.

• **If this product has a three-prong (grounding) plug or a polarized plug with one wide prong,** it may not fit in non-polarized outlets. Do not defeat the purpose of these plugs. If they do not fit in your outlet, the outlet should be replaced by an electrician.

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

Important safety instructions

Especially about cordless telephones

- **Privacy:** The same features that make a cordless phone convenient create some limitations. Telephone calls are transmitted between the base and the handset by radio waves, so there is a possibility that your cordless phone conversations could be intercepted by radio receiving equipment within range of the cordless handset. **For this reason, you should not think of cordless phone conversations as being as private as those on corded phones.**

- **Electrical power:** The telephone base of this cordless telephone must be connected to a working electrical outlet. The electrical outlet should not be controlled by a wall switch. **Calls cannot be made from the handset if the telephone base is unplugged or switched off, or if the electrical power is interrupted.**

- **Power adapter:** The power adapter is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling or an under-the-table/cabinet outlet.

- **Potential TV interference:** Some cordless telephones operate at frequencies that may cause interference to TVs and VCRs. To minimize or prevent such interference, do not place the telephone base of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

- **Rechargeable batteries:** This product contains either nickel-cadmium or nickel-metal hydride rechargeable batteries. Exercise care in handling batteries in order not to short the battery with conducting material such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the battery charger.

- **Nickel-cadmium rechargeable batteries:** Must be recycled or disposed of properly. Do not dispose of in household garbage. Do not burn or puncture. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.

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

Important safety instructions

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

Precautions for users of implanted cardiac pacemakers

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

Pacemaker patients

• Should keep wireless phones at least six inches from the pacemaker.

• Should NOT place wireless phones directly over the pacemaker, such as in a breast pocket, when it is turned ON.

• Should use the wireless phone at the ear opposite the pacemaker.

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

Especially about telephones answering systems

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

SAVE THESE INSTRUCTIONS

FCC Part 68 and ACTA

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

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

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

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

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

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

FCC Part 68 and ACTA

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

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

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

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

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.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more. If you choose to use a clipping device, please make sure to only use the supplied AT&T belt clip.

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 call 1(800) 222-3111 or visit www.telephones.att.com; In Canada, call 1 (866) 288-4268.

1. What does this limited warranty cover?

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

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

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

3. How long is the limited warranty period?

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

Limited warranty

4. What is not covered by this limited warranty?

This limited warranty does not cover:

- PRODUCT that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water, or other liquid intrusion; or

- PRODUCT that has been damaged due to repair, alteration, or modification by anyone other than an authorized service representative of the manufacturer; or

- PRODUCT to the extent that the problem experienced is caused by signal conditions, network reliability or cable or antenna systems; or

- PRODUCT to the extent that the problem is caused by use with non-AT&T accessories; or

- PRODUCT whose warranty/quality stickers, PRODUCT serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or

- PRODUCT purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to products used for rental purposes); or

- PRODUCT returned without valid proof of purchase (see item 6 below); or

- Charges for installation or setup, adjustment of customer controls, and installation or repair of systems outside the unit.

5. How do you get warranty service?

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

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

Limited warranty

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

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

b. Include "valid proof of purchase" (sales receipt) identifying the PRODUCT purchased (PRODUCT model) and the date of purchase or receipt; and

c. Provide your name, complete and correct mailing address, and telephone number.

7. Other limitations

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

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

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

Please retain your original sales receipt as proof of purchase.

Technical specifications

RF frequency band (handset to base)	2400 MHz — 2483.5 MHz
RF frequency band (base to handset)	2400 MHz — 2483.5 MHz
Channels	95
Operating temperature	32°F — 122°F 0°C — 50°C
Telephone base voltage (AC adapter input)	AC 117V 60Hz
Telephone base voltage (AC adapter output)	DC9V 300mA
Handset voltage	3.6V 600mAh Ni-MH battery

Telephone operating range

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

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