



User Manual (Part 2)

2.4 GHz Cordless Telephone E2115

with Caller ID & Call Waiting



**You must install and
charge batteries before
using the telephone.**

STOP!

**See page 7
for easy instructions.**

For customer service or product
information, visit our web site at
www.telephones.att.com
or call **1-800-222-3111**.

Please also read
Important Product Information
Enclosed in product package.

User Manual (Part 2)

2.4 GHz Cordless Telephone E2115

with Caller ID & Call Waiting



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Getting Started

Quick reference guide

Handset

▼ CID

Press to scroll down in menus.
Press when phone is not in use to display Caller ID information (see page 20). While entering names, press to move the cursor to the left.

Select/Menu

Press to display menu, or to select highlighted item from menu.

▲ DIR

Press to scroll up in menus.
Press when phone is not in use to display phone book entries (see page 17). While entering names, press to advance cursor.

Phone/Flash

Press to begin a call, then dial a number.
During a call, press to receive an incoming call, if Call Waiting is activated (see page 11).

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.

Mute/Delete

Press to mute microphone (see page 10).
While reviewing call log, press and hold to clear Caller ID log (see page 20).

Redial/Pause

Press to view redial memory (see page 10).
While entering numbers, press and hold to insert a dialing pause (see page 16).

Speaker

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

Feature menu

> shows highlighted item



Feature Menu

Directory	See page 15
Call Log	See page 19
Ringer Volume	See page 13
Ringer Tone	See page 13
Key Tone	See page 13
Handset Name	See page 14
Language	See page 14
Clear Msg. Wait	See page 14
Dial Type	See page 14

Press ▲ or ▼ to scroll through menu items.

Press **SELECT** to select or modify a highlighted item.

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

Getting Started

Quick reference guide

Telephone Base



IN USE

On when handset is in use. Flashes when another phone is in use on the same line.

CHARGING

On when handset batteries are charging.

NEW MESSAGE

Flashes when you have new voice mail (requires voice mail service from your local telephone company).

HANDSET LOCATOR

Press to locate handset if lost (see page 12).

*Getting Started***Parts checklist**

Remember to save your sales receipt and original packaging in case you ever need to ship your telephone for warranty service. Check to make sure the telephone package includes the following:



Telephone base



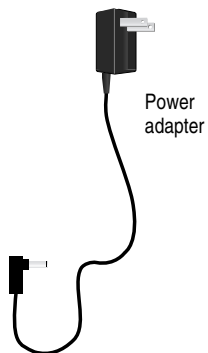
Telephone handset



Belt clip



Battery

Power
adapter

Long telephone line cord



Short telephone line cord

*Getting Started***Before you begin****About Caller Identification**

Caller ID with Call Waiting features in this telephone let you see who's calling before you answer the phone, even when you're on another call. These features require services provided by your local telephone company.

Contact your telephone service provider 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 don't subscribe to any Caller ID or Call Waiting services.

You can use this phone with regular Caller ID service, and you can use its other features without subscribing to either Caller ID or combined Caller ID with Call Waiting service. There may be fees for these services, and they may not be available in all areas.

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.

See Caller ID Operation, beginning on page 19, for more details about how these features work.

Telephone operating range

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

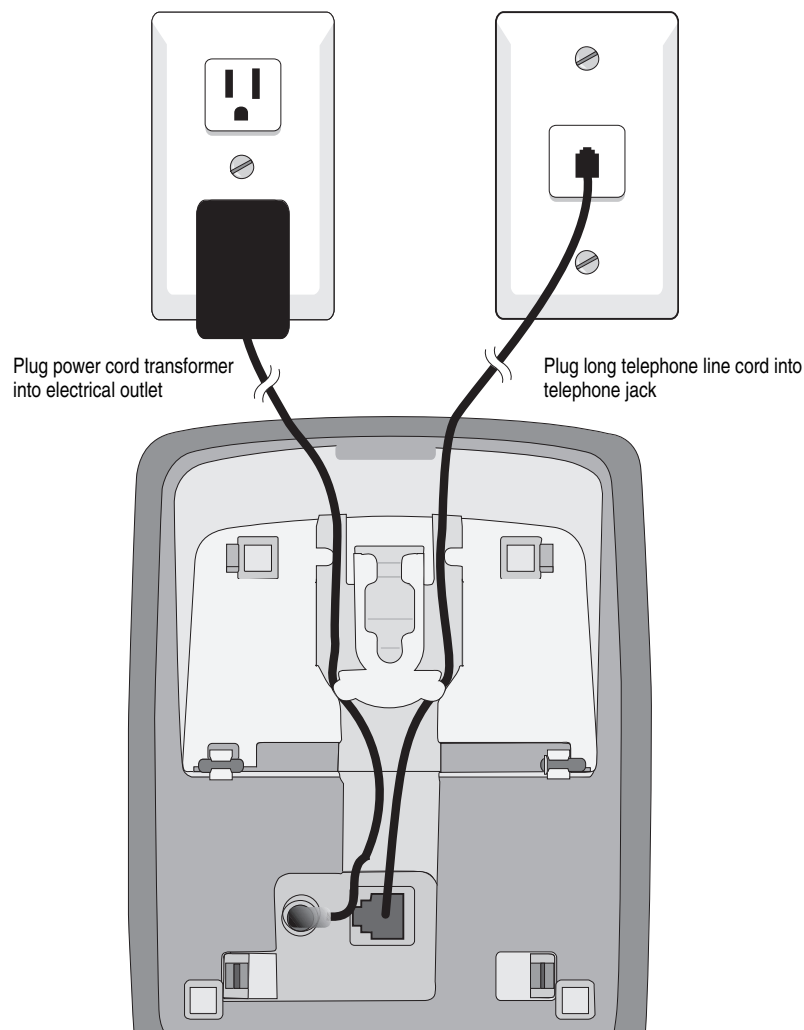
If you receive a call while you are out of range, the handset might not ring — or if it does ring, the call might not connect when you press **PHONE**. Move closer to the base, then press **PHONE** to answer the call.

If you move out of range during a phone conversation, you might hear noise or interference. To improve reception, move closer to the base.

If you move out of range without pressing OFF, your phone will be left “off the hook.” To hang up properly, walk back toward the telephone base, periodically pressing **OFF** until the call is disconnected.

*Getting Started***Telephone base installation**

Install the telephone base as shown below. Choose a base location away from electronic equipment, such as personal computers, television sets or microwave ovens. Avoid excessive heat, cold, dust or moisture.

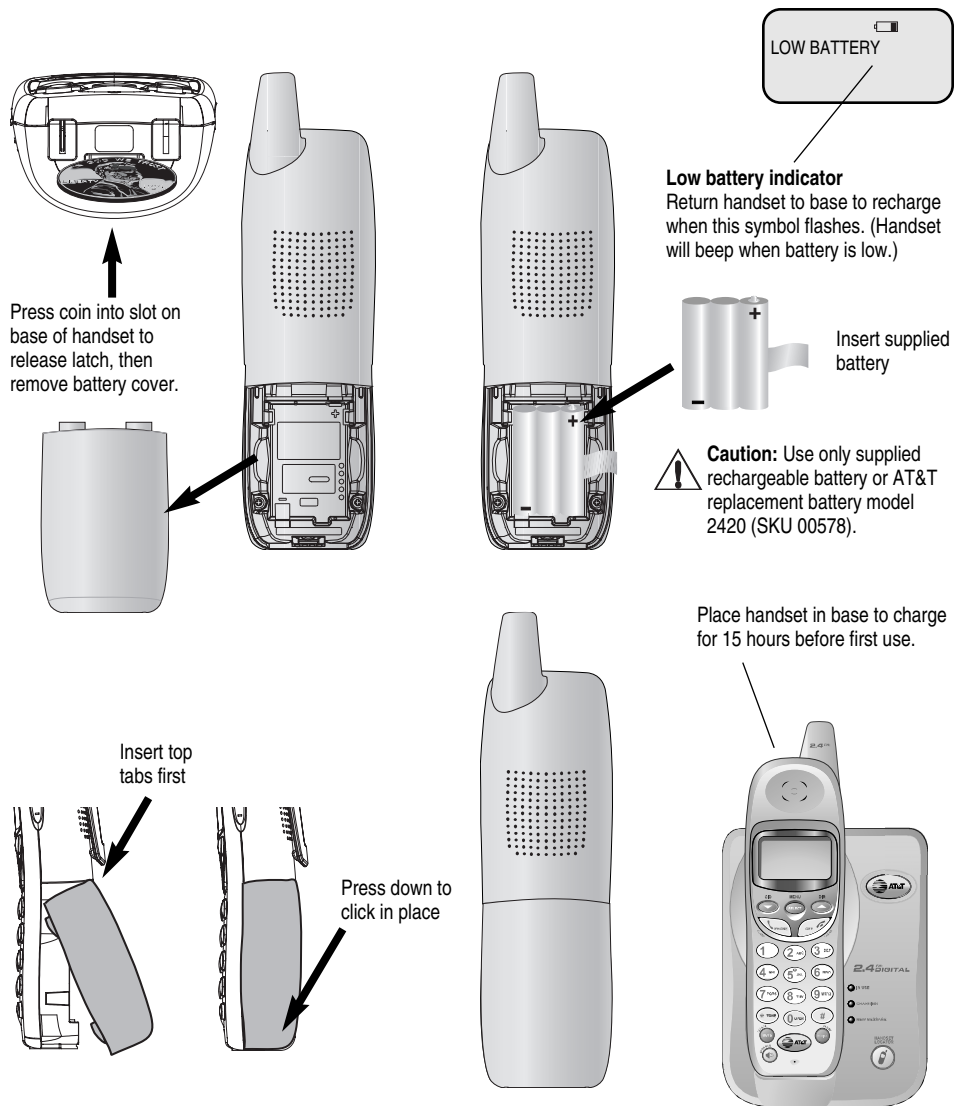


NOTE: Use only the power cord supplied with this product. If you need a replacement, call 1-800-222-3111.

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

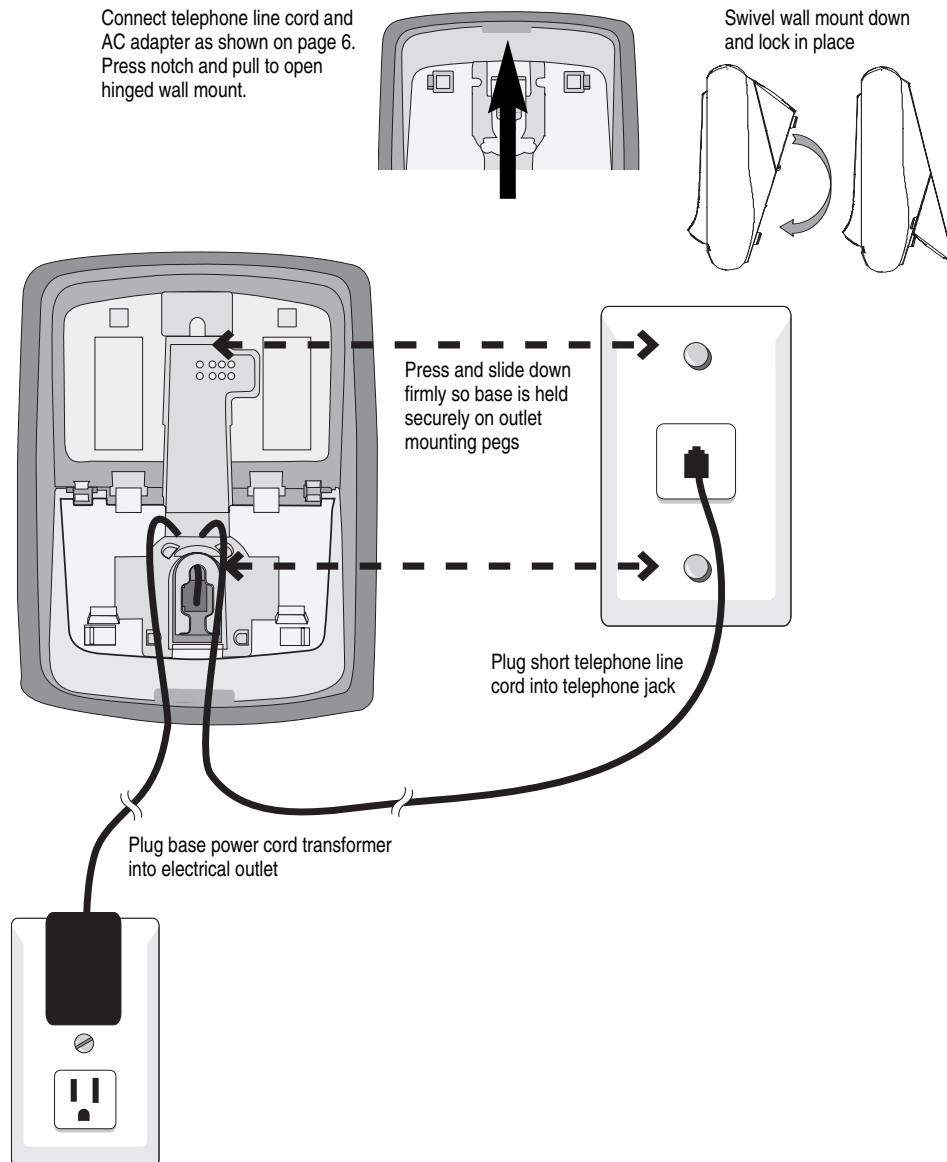
*Getting Started***Battery installation & charging**

After installation, place the handset in the base and allow to charge for 15 hours before use. You can keep batteries charged by returning the handset to the base after each use. When batteries are fully depleted, a recharge takes about 10 hours.



*Getting Started***Wall mounting**

The telephone base can be installed on any standard wall-phone outlet as shown below. Choose a location away from electronic equipment, such as personal computers, television sets or microwave ovens. Avoid excessive heat, cold, dust or moisture.

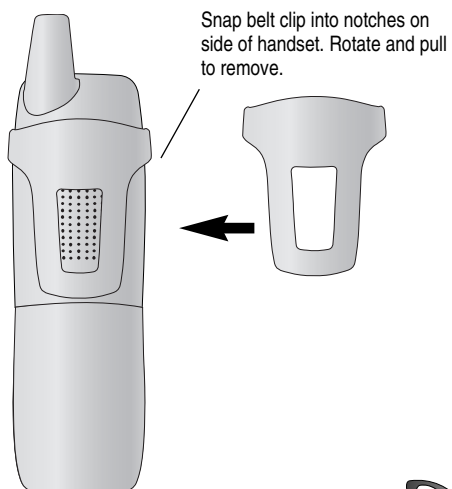


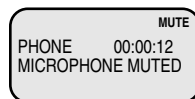
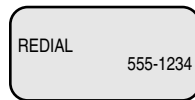
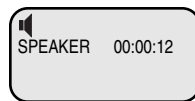
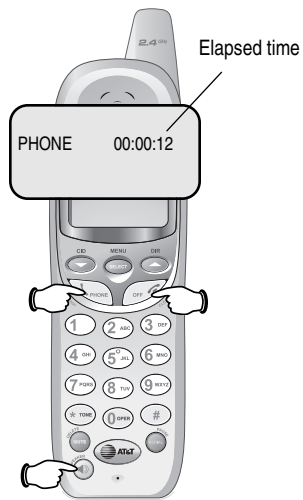
Getting Started

Belt clip & optional headset

Install belt clip as shown below if desired.

For hands-free telephone conversations, you can use any industry standard 2.5 mm headset (purchased separately). For best results use an AT&T 2.5 mm headset.





Telephone Operation

Basic operation

Making and answering calls

To answer an incoming call, press **PHONE** (or **SPEAKER**, or any dial pad key). To make a call, press **PHONE** or **SPEAKER**, then dial a number. Press **OFF** to hang up.

To preview numbers before dialing, enter numbers first, then press **PHONE** or **SPEAKER** to dial. Press **DELETE** or **CLEAR** at any time to make corrections as you are entering numbers.

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

Hands-free speakerphone calls

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

Last number redial

Press **REDIAL** to display the most recent called number. Use the **▲ ▼** buttons to view up to 5 other recently called numbers. The handset will beep twice at the beginning or end of the list.

Press **PHONE** to redial any number as it is displayed. Press **DELETE** to delete the displayed number from the redial memory.

Mute

Press **MUTE** to silence the microphone. You will be able to hear, but your caller will not be able to hear you until you press **MUTE** again to resume speaking.



Telephone Operation

Options while on calls

Volume control

Press **VOLUME** buttons on the side of the handset to adjust listening volume. Each button press raises or lowers volume by one level.

When you change the volume level, the new setting becomes the default. The new volume level will be applied each time you use the handset, speakerphone or headset.

Call waiting

If you have Call Waiting service, you will hear a beep if someone calls while you are already on a call. Press **FLASH** to put your current call on hold and take the new call. You can press **FLASH** at any time to switch back and forth between calls.

Ring volume adjustment / silencing

Press **VOLUME** buttons on the side of the handset while the phone is ringing to adjust the volume. Press **OFF** or **MUTE** to silence the ringer.

Temporary tone dialing

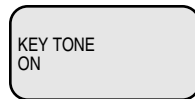
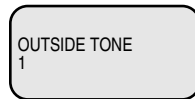
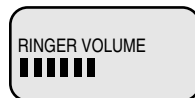
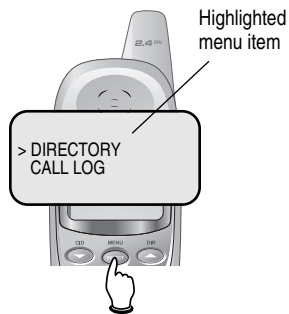
If you have dial pulse (rotary) service, you can switch to touch tone dialing during a call by pressing **⌘**. This can be useful if you need to send tone signals for access to answering systems or long-distance services.



Telephone Operation

Handset locator

If you misplace the handset, press **HANDSET LOCATOR** at the base. The handset will beep for 60 seconds to help you locate it. To stop the beeping, press **PHONE**, **SPEAKER**, or any dial pad button at the handset, or press **HANDSET LOCATOR** at the base.



Telephone Operation

Handset settings

At the feature menu you can change settings to customize how the telephone works.

Press **MENU**, then use the **▲** **▼** buttons to scroll to the feature you want to change. As you scroll through the menu, the top menu item is always highlighted with a **>** character. Press **SELECT** to select the highlighted item.

Press **OFF** at any time to cancel an operation, back up to the previous menu, or exit the menu display.

Ringer volume

At this menu you can set a default ring volume level (1-6), or turn the ringer off. Use the **▲** **▼** buttons to hear an example of each volume level, then press **SELECT** to select the one you prefer.

Ringer volume can also be adjusted by pressing **VOLUME** on the side of the handset during incoming ringing.

Ringer tone

This feature allows you to choose one of 10 ringing tones. Use the **▲** **▼** buttons to hear an example of each ringer tone, then press **SELECT** to select the one you prefer.

Key tone

The handset is factory programmed to beep to each keypress. Use the **▲** **▼** buttons to select **ON** or **OFF**, then press **SELECT** to save your preference.

*Telephone Operation***Handset settings**

HANDSET NAME
AT&T_

Handset name

At this menu you can customize the name that appears on the handset screen when the phone is idle. Press **DELETE** to erase letters, then replace them with a name of your preference, up to 16 characters long (see page 16 to enter letters). Press **SELECT** to confirm.

LANGUAGE
ENGLISH

Language

At this menu you can select the language used in all menus and screen displays. Use the **▲ ▼** buttons to select English, Spanish or French, then press **SELECT** to save your preference.

TURN INDICATOR
OFF?

Clear msg. wait

If you subscribe to voice mail services provided by your local telephone company, you will be alerted by a light on the base and a text message on the handset when new messages are waiting. At this menu you can turn off the light and handset alerts.

At the **TURN INDICATOR OFF?** prompt, press **SELECT** to turn off the Message Waiting light and handset alerts.

DIAL TYPE
TONE

Dial Type

At this menu you can choose Tone or Pulse dialing. The factory default setting is **TONE**. Change this to **PULSE** only if you do not have touch-tone dialing service.

Use the **▲ ▼** buttons to select **TONE** or **PULSE**, then press **SELECT** to save your preference.



Phonebook

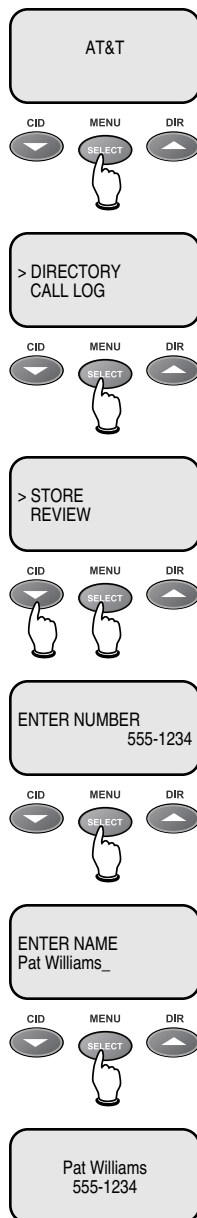
Memory capacity

The phonebook directory can store up to 50 entries. Each entry can contain a number up to 32 digits, and a name up to 16 letters long. A convenient search feature can help you find and dial numbers quickly (see page 17).

Timeouts and error messages

If you pause for too long while making an entry, the procedure will time out and you will have to begin again.

If all memory locations are in use, the screen will display "Directory is full." You will not be able to store a new number until you delete an existing one.



Phonebook

New phonebook entries

To create a new phonebook entry

Press **MENU** twice to select **DIRECTORY**. Press **▼** to highlight **STORE**. Press **SELECT**, then enter the telephone number when prompted.

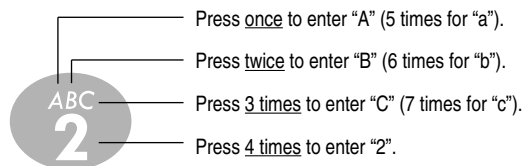
Use the dial pad to enter up to 32 digits, then press **SELECT**. You will be notified if the number is already in your phonebook.

To insert a number from your redial list, press **REDIAL**, then **▲▼** to find the number, then press **SELECT**.

- Press **DELETE** to erase numbers if you make a mistake.
- Press and hold **PAUSE** to enter a 3-second dialing pause.

To enter a name

Press dial pad buttons once for the first letter, twice for the second, three times for the third. Continue for lower-case letters or numerals.

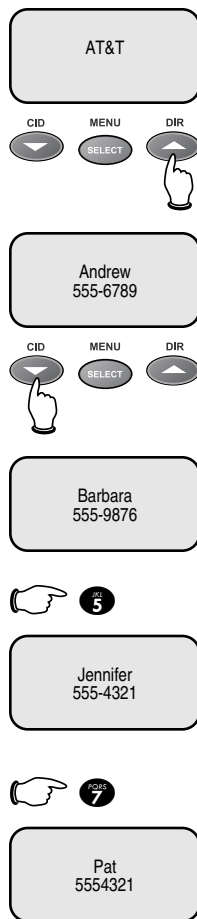


The cursor moves to the right when you press another dial pad button or the **▲** button. Press **▼** to move the cursor to the left. Press **1** to enter a space, or press twice to enter "I".

- Press **DELETE** to erase letters if you make a mistake.
- Press *** (STAR)** repeatedly to enter an asterisk (*), question mark (?), exclamation point (!), slash (/) or parentheses.
- Press **# (HASH)** repeatedly to enter a pound sign (#), apostrophe ('), comma (,) hyphen (-), period (.), or ampersand (&).

Storing the entry

Press **SELECT** to store your new phonebook entry. To change it later, see page 18.



Phonebook

Phonebook search

Press **DIR** to display the first listing in the phonebook. You can then use the up/down arrows to browse through the phonebook, or search to find a specific entry. Press **OFF** at any time to exit the directory.

To browse through the directory

To browse, press **▲** or **▼** to scroll through all entries one by one. Entries will be displayed alphabetically by the first letter in the name.

To search by name

When any entry is displayed, you can press a dial pad button to display the first name beginning with a letter associated with that key.

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

For example, press **5 (JKL)** once to find Jennifer, twice to find Kevin, or three times to find Linda.

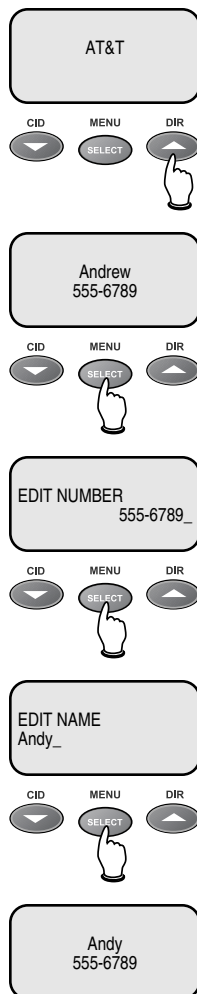
To call a displayed number

When you find the entry you want, press **PHONE** (or **SPEAKER**) to dial. Or press **SELECT** to modify the entry (see next page).

To store or call a number from CallerID refer to page 20.

Viewing long numbers

The screen can display only 16 digits at a time. To view numbers longer than this, press ***#** or **#** to display the remaining digits.



Phonebook

To dial, change or delete entries

To dial a number

When any phonebook entry is displayed, press **PHONE** (or **SPEAKER**) to dial the displayed number.

To delete an entry

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

To change a listing

When any phonebook entry is displayed, press **SELECT** to modify the entry. (See page 16 for help in modifying the name or number.)

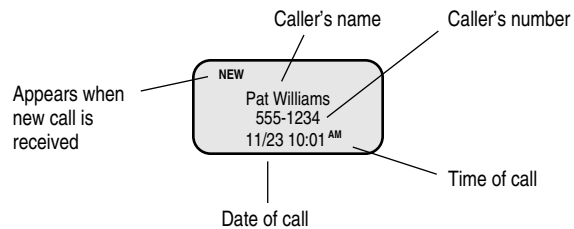
Change the number as needed, then press **SELECT**. Change the name as needed, then press **SELECT** to save the modified entry.



Caller ID Logs

How Caller ID works

If you subscribe to Caller ID service provided by your local phone company, information about each caller will be displayed after the first ring.



Information about the last 50 incoming calls is stored in your call log. You can review the call log to find out who has called, return the call without dialing, or copy the caller's name and number into your phonebook.

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

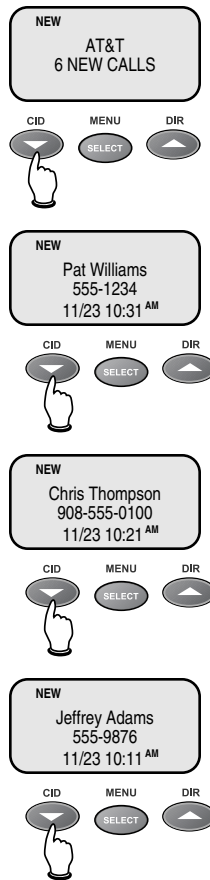
If you answer a call before the information appears on the screen, it will not be saved in your call log.

About names

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

If the telephone number of the person calling matches a number in your phonebook, the name that appears on screen will match the name as you entered it into your phonebook.

(Example: If "Christine Smith" calls, her name will appear as "Chris" if this is how you entered it into your phonebook.)



Caller ID Logs

To review your call log

To review your call log

Press **CID** to review your call log. The most recent call is displayed first. Use the arrow buttons to scroll through the list as shown at left.

To return a call

Press **PHONE** (or **SPEAKER**) to call the number as displayed.

To change the number before calling, press **#** repeatedly to see a list of dialing options (you can choose to dial with or without the area code), then press **PHONE** (or **SPEAKER**) to place the call.

Example:

CIDNumber displayed as 1-908-555-0100

#Number changes to 555-1234 (drops "1" + area code)

PHONEDials 555-1234

(or **SPEAKER**)

Other options

- Press **DELETE** to delete this entry from your call log.
- Press and hold **DELETE** to delete all entries from your call log. When asked to confirm, press **SELECT** to clear your call log of all entries, or **OFF** to exit and leave all call log entries intact.
- Press **SELECT** to copy this entry into your phone-book. If the name or number are not provided, you will be prompted to enter them.

Appendix

Screen icons, indicator lights & tones

Handset screen icons & alert tones



Screen icons



Speakerphone in use.



Ringer off.



Battery charging (animated display).



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

MUTE

Microphone is muted.

NEW

New calls (press **CID** to review call log).

Alert tones

Happy tone

Programming command completed successfully.

2 beeps

Programming error (or last record in list displayed).

Indicator lights



IN USE

On when handset is in use. Flashes when another phone is in use on the same line.

CHARGING

On when handset batteries are charging.

NEW MESSAGE

Flashes when you have new voice mail (requires voice mail service from your local telephone company).

SPEAKER

On when speakerphone is in use.



*Appendix***In case of difficulty**

If you have difficulty with your phone, please try the suggestions below. For Customer Service, visit our web site at **www.telephones.att.com**, or call 1-800-222-3111.

Telephone does not work at all

- Make sure batteries are installed and charged correctly (see page 7).
- Make sure the AC adapter is plugged into an outlet not controlled by a wall switch.
- Make sure the telephone line cord is plugged firmly into the base unit and the modular jack.
- If you have dial-pulse telephone service, make sure the dial mode is set to Pulse (see page 14).
- If these suggestions do not work, unplug the base, remove and re-insert the batteries, then place the handset in the base to re-initialize.

Phone does not ring

- Make sure the ringer is on (see page 13).
- Make sure the telephone line cord and AC adapter are plugged in properly (see page 6).
- Move the handset closer to the base.
- You might have too many extension phones on your telephone line to allow all of them to ring. Try unplugging some of them.

If you hear noise or interference during a call

- You may be out of range. Move closer to the base.
- Appliances plugged into the same circuit as the base can cause interference. Try moving the appliance or base to another outlet.
- The layout of your home or office might be limiting the operating range. Try moving the base to another location, preferably on an upper floor.
- If the buttons don't work, try placing the handset in the base for at least 15 seconds.
- Disconnect the base from the modular jack and plug in a corded telephone. If calls are still not clear, the problem is probably in your wiring or local service. Call your local telephone service company.

*Appendix***Technical specifications**

RF Frequency Band (Handset to Base)	2401.056 MHz — 2482.272 MHz
RF Frequency Band (Base to Handset)	2401.056 MHz — 2482.272 MHz
Channels	95
Channel Spacing	864 KHz
Output Power	20 dBm
Sensitivity	-96 dBm
Modulation	GFSK
Operating Temperature	32°F — 122°F 0°C — 50°C
Base Unit Voltage (AC Voltage, 60Hz)	96 — 130 Vrms
Base Unit Voltage (AC Adapter Output)	7 — 13 VDC @400 mA
Handset Voltage	3.2 — 4.7 VDC @750 mAh
Replacement Battery	Model 2420 (SKU 00578)

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91-5622-20-00