



User Manual (Part 2)

5.8 GHz Cordless Telephone/Answering System E5640/E5643B/E5644B

with Caller ID & Call Waiting



You must install and charge battery before using the telephone.

STOP!

See page 9 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.

Add new handsets to make your phone more versatile (see page 39)

Your telephone can accommodate up to four cordless handsets. You can add new handsets (Model E560-2, sold separately) at any time, but each must be registered with the base before use.

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



Handset 1 Handset 2 Handset 3 Handset 4

i **NOTE:** A maximum of two handsets at a time can be used on a call.

i **NOTE:** The E5643B has three pre-registered handsets. You can register one additional handset to the E5643B.

i **NOTE:** The E5644B has four pre-registered handsets. You cannot register any additional handsets to the E5644B.

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with Caller ID & Call Waiting

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Getting Started

Quick reference guide

Handset

▲ CID

Press to scroll up while in menus. Press to display Caller ID information (see page 26). While entering names or numbers, press to move the cursor to the left.

Phone/Flash

Press to make or answer a call. During a call, press to receive an incoming call, if Call Waiting is activated (see page 14).

Mute/Delete

While on a call, press to mute microphone (see page 15). While reviewing the call log, press to delete an individual entry or press and hold to clear the Caller ID log (see page 26). While pre-dialing, press to delete digits from a string (see page 12).

Speaker

Press to activate handset speakerphone. Press again to resume normal handset use (see page 12).

Select/Menu

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

▼ DIR

Press to scroll down while in menus. Press to display directory entries (see page 22). While entering names, press to advance cursor.

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.

Redial/Pause

Press to view redial memory (see page 12). While entering numbers, press and hold to insert a dialing pause (see page 21).

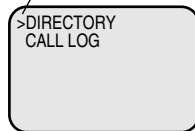
Intercom

Press to initiate an intercom conversation or transfer a call (see pages 16-17).



Feature menu

> shows highlighted item



Menu

Feature Menu

- DirectorySee page 20
- Call LogSee page 24
- Ringer VolumeSee page 18
- Ringer ToneSee page 18
- Key ToneSee page 18
- Language.....See page 19
- CLR Voice MailSee page 19
- Dial TypeSee page 19

Press ▲ or ▼ to scroll through menu items.

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

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

Getting Started

Quick reference guide

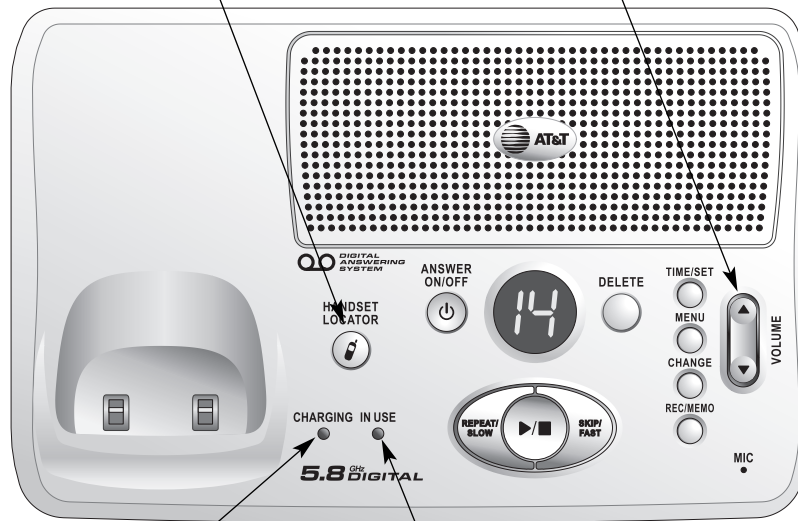
Telephone Base

Handset Locator

Press to make handset(s) beep (see page 13).

Volume

Press to adjust message playback volume.

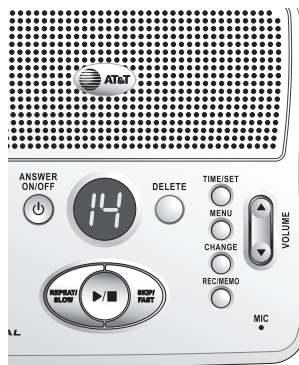


Charging

On when handset is positioned so its battery can charge.

In Use

On when handset is in use. Flashes when another phone is in use on the same line, or answering system is answering an incoming call.



Answering System Controls (see pages 27-36)

Press to repeat message.
Hold to slow playback.
Press twice to hear previous message.



Press to skip to next message. Hold to speed up playback.

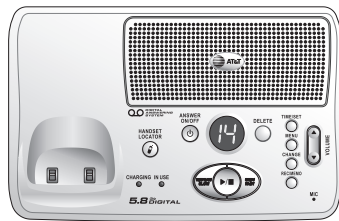
Press to play or stop playing messages.

- ANSWER ON/OFF**.....Press to turn answering system on or off.
- DELETE**Press to delete a message during play back. Hold to delete all old messages when set is idle.
- TIME/SET**Press to review or set the answering system clock.
- MENU**Press to review or change answering system options.
- CHANGE**Press to change a menu option.
- REC/MEMO**Press to record a memo or, after pressing **MENU**, to record an outgoing announcement.

Getting Started

Parts checklist for E5640

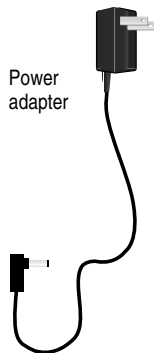
Remember to save your sales receipt and original packaging in case you ever need to ship your telephone for warranty service. Check to make sure the telephone package includes the following:



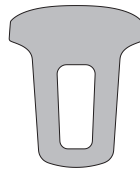
Telephone base



Telephone handset



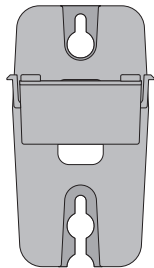
Power adapter



Belt clip



Battery



Wall mount bracket



Telephone line cord

Getting Started

Parts checklist for E5643B

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:



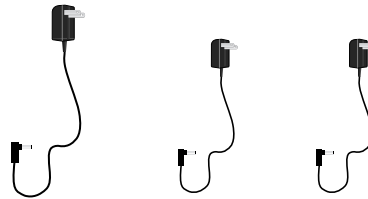
Telephone base



Telephone handsets



Handset chargers



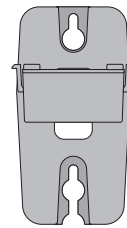
Power adapters



Batteries



Belt clips



Wall mount bracket



Telephone line cord

Getting Started

Parts checklist for E5644B

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



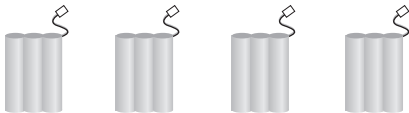
Telephone handsets



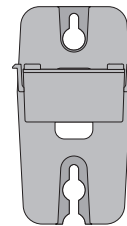
Handset chargers



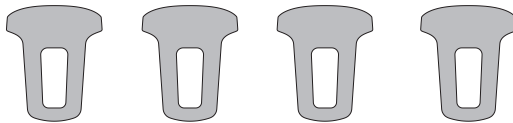
Power adapters



Batteries



Wall mount bracket



Belt clips



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 24, 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, the 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.

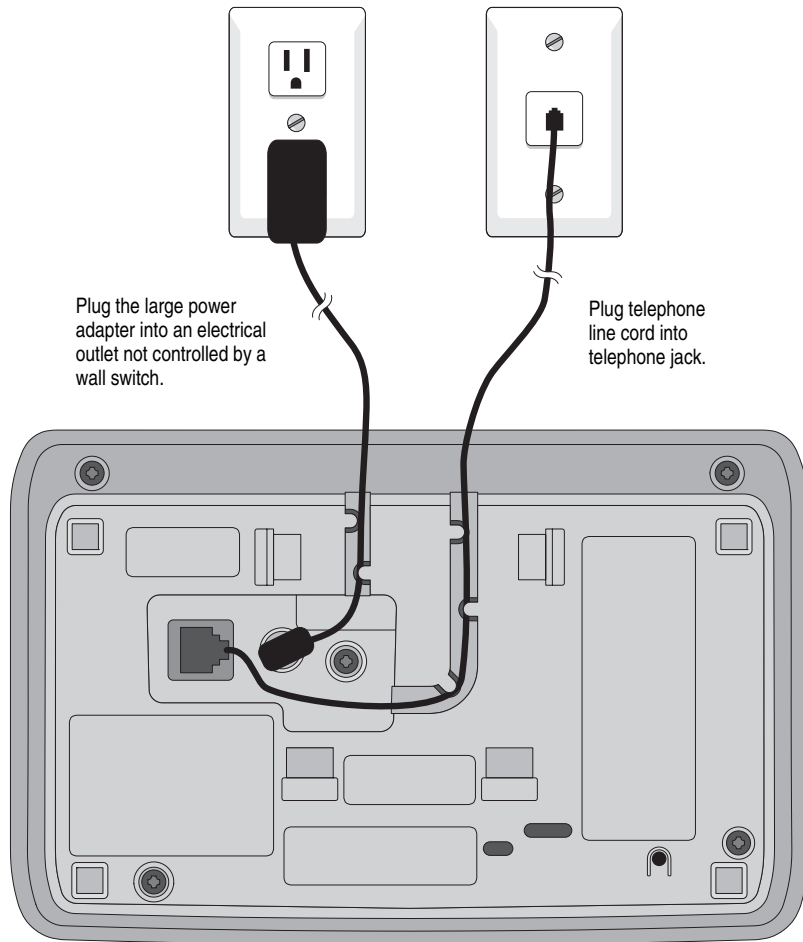
If you move out of range during a phone conversation, you might hear noise or interference. To improve reception, move closer to the base.

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 computers, computer routers, television sets or microwave ovens. Avoid excessive heat, cold, dust or moisture.

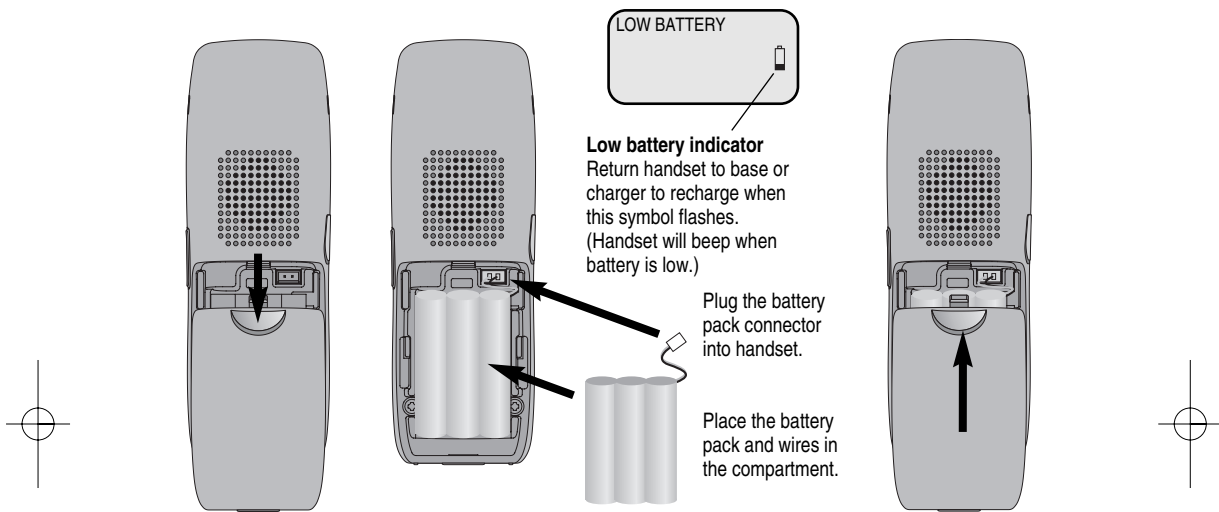


NOTE: Use only the power cord supplied with this product. If you need a replacement, call 1-800-222-3111. Be sure to use an electrical outlet not controlled by a wall switch.

Getting Started

Battery installation & charging

After battery installation, place the handsets in their base unit or charger and allow to charge for 16 hours before use. You can keep the battery charged by returning the handsets to their base unit or charger after each use. When the battery is fully depleted, a recharge takes about 12 hours. Average talk time on a fully charged battery is about eight hours depending on environmental conditions, standby time is approximately four days.

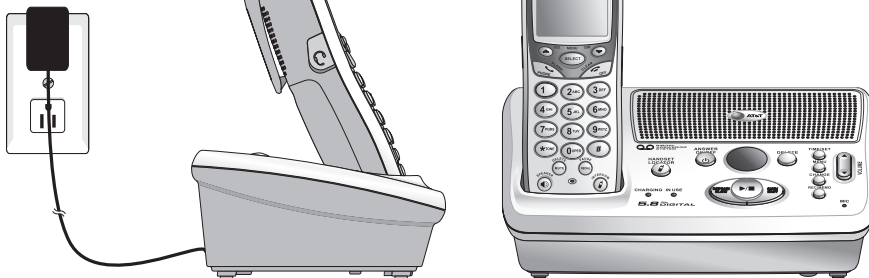


Press tab to open battery compartment.

Caution: Use only supplied rechargeable battery or AT&T replacement battery model 27910 (SKU 00102. Part number 89-0099-00-00).

Replace compartment cover.

Plug power adapter into an electrical outlet not controlled by a wall switch.



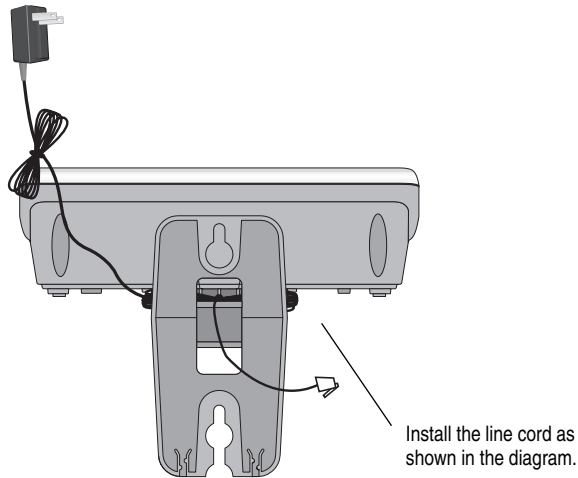
Place handset in base or charger to charge for 16 hours before first use.

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.

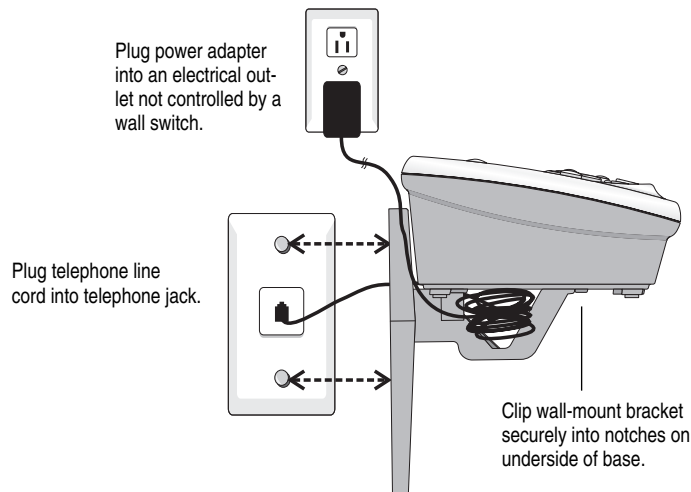
Getting Started

Wall mounting

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



Connect cords as shown on page 8, then press and slide down firmly so base is held securely on outlet mounting pegs.



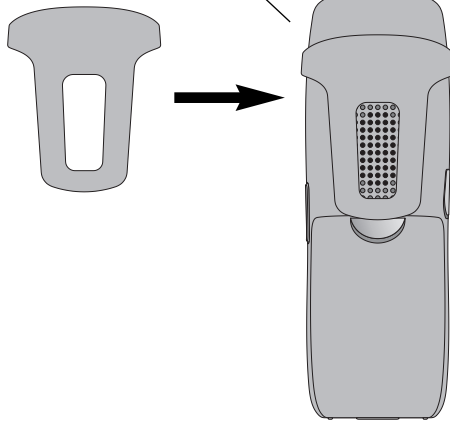
Getting Started

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.

Snap belt clip into notches on side of handset. Rotate and pull to remove.



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

Telephone Operation

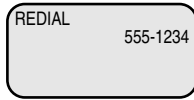
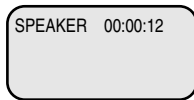
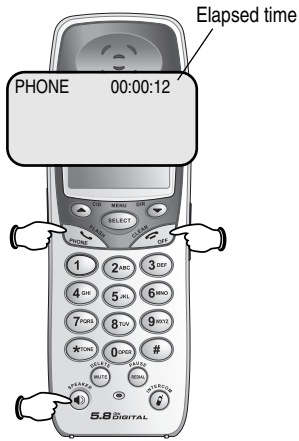
Basic operation

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 **OFF/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

Before pressing **PHONE**, press **REDIAL** to display the most recently called numbers (up to 32 digits). Use the **▲** **▼** buttons to view up to five recently called numbers. The handset will beep twice at the beginning or end of the list.

Press **PHONE** or **SPEAKER** to redial any displayed number. Press **DELETE** to delete the number from the redial memory.

After pressing **PHONE**, press **REDIAL** to call the most recently called number (up to 32 digits).

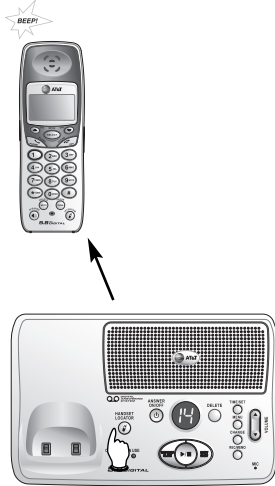
Telephone Operation

Basic operation

Handset locator

If you misplace the handset(s), press **HANDSET LOCATOR** at the base. This starts the paging tone at the handset(s) for 60 seconds to help you locate it. To stop the paging tone, press **PHONE**, **SPEAKER**, or any dial pad button at the handset(s), or press **HANDSET LOCATOR** at the base.

i **NOTE:** The handset ringer volume also determines the level of the paging tone. If the handset ringer volume level is set to off (0), that handset will be silenced for all calls and paging (see page 18).



Telephone Operation

Options while on calls

Volume control

Press the top (+) or the bottom (-) of the **VOLUME** button 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 is saved. The new volume level will be applied each time you use the handset, speakerphone or headset.



Call waiting

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

3-way conference calls

While a call is in progress, a person at one other handset can press **PHONE** or **SPEAKER** to join the call.

A person at either handset can press **OFF**, or place the handset in the base or charger, to drop out of the conference call, but the call will not be terminated until all handsets hang up.

Only two handsets can be connected to an outside call.

PHONE 00:00:12
MICROPHONE MUTED
MUTE

Telephone Operation

Options while on calls

Mute

Press **MUTE** to silence the microphone. You will be able to hear, but the person on the other end will not be able to hear you until you press **MUTE** again and resume speaking.



Ring silencing

Press **OFF** or **MUTE** while the phone is ringing to silence the ringer temporarily.

The next phone call will ring normally.

Temporary tone dialing

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

After you hang up or press **FLASH**, the phone automatically returns to dial pulse (rotary) service.

Telephone Operation



Intercom calls

Intercom calls

If you have more than one handset, use the intercom feature to have conversations between the handsets.

Press the **INTERCOM** button on a handset to initiate an intercom call. Then after entering the number of the handset you wish to call, your handset will call the other handset.

Press **PHONE**, **INTERCOM**, **SPEAKER** or any dial pad key on the handset being called to enter intercom mode with the first handset.

To end the intercom call:

- Press **OFF** or **INTERCOM** at the handset.
- Place the handset in the charger or base.



NOTE: The intercom feature cannot be utilized while a handset is in the directory or call log. Pressing **INTERCOM** while on an outside call will initiate Call Transfer (see page 17).

Handling incoming calls

The phone will beep if you receive an outside call during an intercom conversation. You can either:

- Press **PHONE** to end the intercom call and answer the incoming call.

OR

- Press **INTERCOM** or **OFF** to disconnect the intercom connection without answering the incoming call. The incoming call will continue to ring.

Telephone Operation

Call transfer

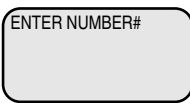
Call transfer

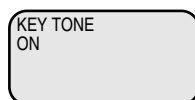
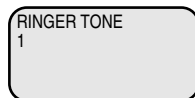
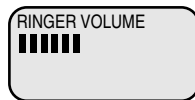
If you have more than one handset, you can transfer an external call from one handset to another handset.

- Press **INTERCOM** to transfer an external call to another handset. You will see “**ENTER HANDSET #**”. After entering the handset number to which you want to transfer the call, your handset will display **CALL FORWARDED**.
- To answer the call, the selected system handset can press **PHONE**, **SPEAKER** or any dial pad keys.



NOTE: If the transferred call is not answered within 30 seconds, the external call will be returned to the handset that originated the transfer, and its display will show **CALL BACK**. If the returned call is not answered within an additional 30 seconds, the external call will end automatically.





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 **>** symbol. 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 ring volume level (1-6), or turn the ringer off (0). Use the **▲** **▼** buttons to hear an example of each volume level, then press **SELECT** to select the one you prefer.

i NOTE: The ringer volume level also determines the levels of ringing for intercom calls (see page 16) and the paging tone when initiating the Handset Locator feature (see page 13). If the handset ringer volume level is set to off (0), that handset is silenced for all calls and paging.

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

The next call will ring normally.

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 at each key press. Use the **▲** **▼** buttons to select **ON** or **OFF**, then press **SELECT** to save your preference.

i NOTE: If you select **OFF**, you will not hear a beep when you press keys.

*Telephone Operation***Handset settings**LANGUAGE
ENGLISH>DIRECTORY
CALL LOG>CLR VOICE MAIL
DIAL TYPETURN INDICATOR
OFF?>CLR VOICE MAIL
DIAL TYPEDIAL TYPE
TONE**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.

Clear Voice Mail Indication

If you subscribe to voice mail services provided by your local telephone company, you will receive a text message on the handset when you have new voice mail. To manually remove the voice mail message on the display:

- Press **MENU**.
- Press the **▲** or **▼** button to highlight **CLR VOICE MAIL**.
- Press **SELECT**.
- Press **SELECT** again to remove the displayed message, or press **OFF** to exit.



NOTE: This only turns off the displayed message, it does not delete your voice mail message(s). This feature allows you to correct a voice mail indication that is out of synch with your local telephone company. If there actually is a new voice mail message, your local telephone company will continue to send the message which turns the display message back on.

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.



Directory

Directory

Shared directory

The directory is stored in the base, and is shared by all handsets. Changes made at any one handset will be reflected in all.

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 long. A convenient search feature can help you find and dial numbers quickly (see page 22).

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 **LIST FULL**. You will not be able to store a new number until you delete an existing one.

Directory

New Directory entries

To create a new directory entry

Press **MENU**, then press **SELECT** to choose **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 directory.

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

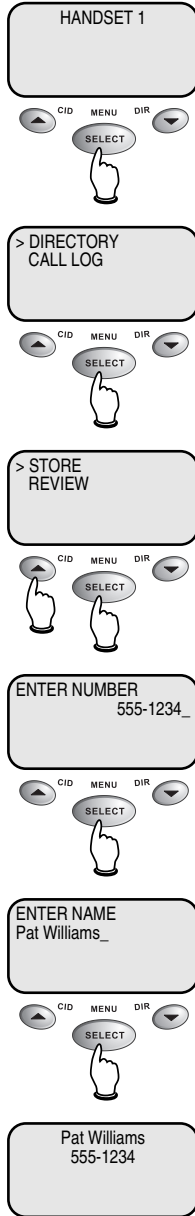
Use the dial pad and the chart below to enter a name (up to 16 characters). Each press of a particular key will cause characters to be displayed in the following order:

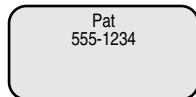
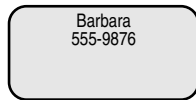
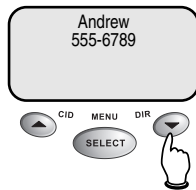
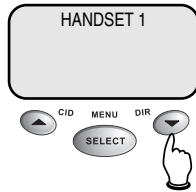
Dial Key	Characters by number of key presses								
	1	2	3	4	5	6	7	8	9
1	1	#	'	,	-	.	&		
2	A	B	C	2	a	b	c		
3	D	E	F	3	d	e	f		
4	G	H	I	4	g	h	i		
5	J	K	L	5	j	k	l		
6	M	N	O	6	m	n	o		
7	P	Q	R	S	7	p	q	r	s
8	T	U	V	8	t	u	v		
9	W	X	Y	Z	9	w	x	y	z
0	0								
*	*	?	!	/	()	@		
#	space								

The cursor moves to the right when you press another dial pad button or the **▼** button. Press **▲** to move the cursor to the left. Press **DELETE** to erase letters if you make a mistake.

Storing the entry

Press **SELECT** to store your new directory entry. To change it later, see page 23.





Directory

Directory search

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



NOTE: You can also display the first listing in the directory by first pressing **MENU**, then **SELECT** to choose **DIRECTORY**, and then **SELECT** again to choose **REVIEW**.

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 page 21.

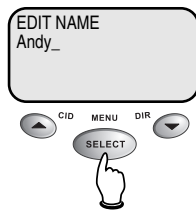
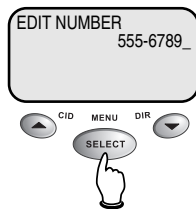
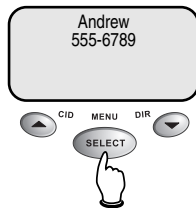
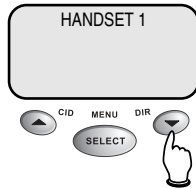
For example, press **5 (JKL)** once to find Jennifer, twice to find Kevin, or three times to find Linda.

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 page 23).

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.



Directory

To dial, delete or change entries

To dial a number

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

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 recovered.

To change an entry

When any directory entry is displayed, press **SELECT** to modify the entry:

- You are prompted to **EDIT NUMBER**. Press **DELETE** to erase digits then you can enter the correct telephone number. You can use the **▲** button to move the cursor to the left and the **▼** button to move the cursor to the right. Press and hold **PAUSE** to add a 3-second pause if necessary. You can also press **REDIAL**, then **▲▼** to scroll to the previously dialed number from the redial list you want to store in the directory, then press **SELECT**.
- Press **SELECT**.
- You are now prompted to **EDIT NAME**. Press **DELETE** to erase characters, then use the dialing keys to enter the correct name (see page 21). You can also use the **▲** button to move the cursor to the left and the **▼** button to move the cursor to the right.
- Press **SELECT**.



Caller ID Logs

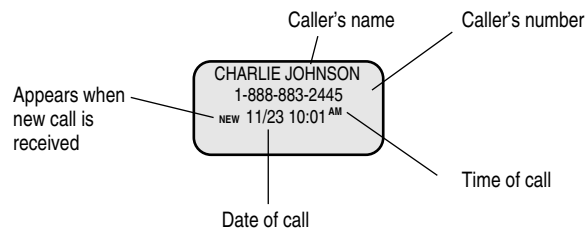
Caller ID Log

Shared Caller ID Log

The Caller ID Log is stored in the base, and is shared by all handsets. Changes made at any one handset will be reflected in all.

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 the call log. You can review the call log to find out who has called, easily return the call, or copy the caller's name and number into your directory.

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 the call log.



NOTE: Only one handset can review the call log at a time. If another handset attempts to enter the call log, it will display **NOT AVAILABLE AT THIS TIME.**



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.

Caller ID Logs

Caller ID Log

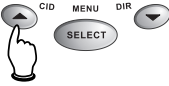
About names

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

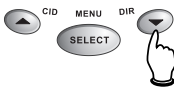
If the telephone number of the person calling exactly matches a number in your directory, the name that appears on screen will match the name as you entered it into your directory.

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

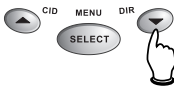
HANDSET 1
6 NEW CALLS
NEW



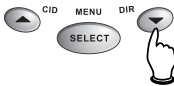
Pat Williams
555-1234
NEW 11/23 10:31 AM



Chris Thompson
908-555-0100
NEW 11/23 10:21 AM



Jeffrey Adams
555-9876
NEW 11/23 10:11 AM



Caller ID Log

To review the call log

To review the call log

Press **CID** to review the 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.

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 calling, press **#** repeatedly to see different dialing options (you can choose to dial with or without code, and with or without the "1"), then press **PHONE** (or **SPEAKER**) to place the call.

Example:

CIDNumber displayed as 908-555-0100

(three times)Number changes to 555-0100 (drops "1" + area code)

PHONE/

SPEAKERDials 555-0100

Other options

- Press **DELETE** to delete this entry from the call log.
- Press and hold **DELETE** to delete all entries from the call log. When asked to confirm, press **SELECT** to clear the call log of all entries, or **OFF** to exit and leave all call log entries intact.
- Press **SELECT** to copy this entry into your directory. If the name or number is not provided, you will be prompted to enter them (see page 21).



NOTE: If both the name and number are not provided, **UNABLE TO SAVE** will be displayed.

Answering System Operation

Answering System Operation



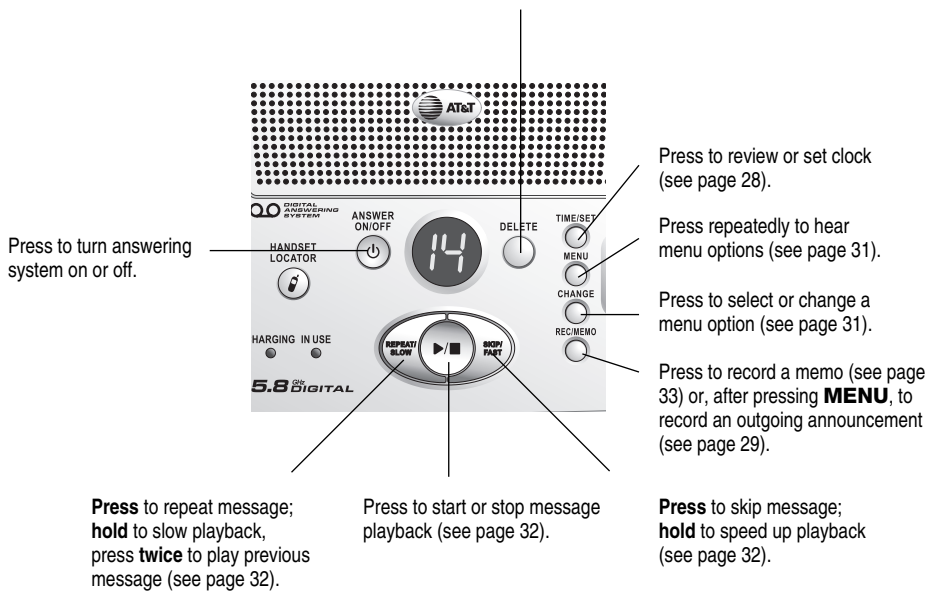
Message counter

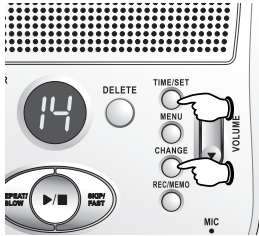
Number of messages (or, during playback, message number currently playing).

Message capacity

The answering system can record up to 99 messages, depending on the length of each message. Individual messages can be up to four minutes long, and total maximum recording time is 15 minutes. Messages will remain available for replay until you delete them.

Press to delete message currently playing; **hold** to delete all old messages (see page 32).





1. Press **TIME/SET**

The system will announce the current clock setting, then announce **"To change clock, Press TIME SET!"**

2. Press **TIME/SET**

3. Press **CHANGE**

until the system announces the correct day, then press **TIME/SET**.

4. Press **CHANGE**

until the system announces the correct hour, then press **TIME/SET**.

5. Press **CHANGE**

until the system announces the correct minutes, then press **TIME/SET**.

NOTE: You can press and hold **CHANGE** to advance the minutes in increments of ten.

6. Press **CHANGE**

until the system announces the correct year, then press **TIME/SET**. The system announces the current clock setting.

Answering System Operation

Day and time announcements

To set day and time

Before playing each message, the answering system announces the day and time the message was received.

Before using the answering system, you should follow the steps at left to set the day and time, so messages are dated correctly.

The system uses voice prompts to guide you. Each time you press **CHANGE**, the day, hour, minute or year advances by one. When you hear the correct setting, press **TIME/SET** to move to the next setting.

To check day and time

You can press **TIME/SET** at any time to hear the current day and time without changing it.

NOTE: Press and hold **CHANGE** to advance the minute or year by increments of 10 (the year can be set from 2000 to 2039).

NOTE: Caller ID provides the time and date. Set the year so that the day of the week can be calculated from the Caller ID information. After you set the time once, it will thereafter be set automatically with incoming Caller ID information. The time will be set automatically only if you subscribe to Caller ID service provided by your local telephone company (see page 7).

Answering System Operation

Outgoing announcements

Outgoing announcements are the messages callers hear when calls are answered by the answering system.

The phone is pre-programmed with announcements for normal (Answer and Record) mode and for Announce Only mode (see page 30.) If the phone is set up to record messages, the phone answers calls with **"Hello. Please leave a message after the tone."** You can use this announcement, or replace it with a recording of your own voice.

To record your outgoing announcement

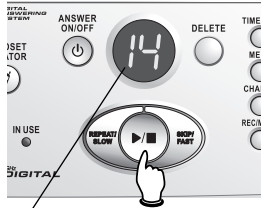
Press **MENU** until you hear **"Change announcement."** Then press **REC/MEMO** and begin speaking after you hear **"Now recording."** Speak facing the telephone base from about nine inches away. Press **PLAY/STOP** when you are done.

Elapsed time (in seconds) will be shown in the message window as you record. You can record an announcement up to 90 seconds long. Announcements less than three seconds long will not be recorded.

To delete your outgoing announcement

Press **MENU** until you hear **"Change announcement,"** then press **PLAY/STOP** to begin playback. Press **DELETE** during playback to delete your announcement.

When your announcement is deleted, calls will be answered with the pre-programmed announcement described above.



Elapsed recording time (seconds). Press to stop recording.

1. MENU

"Change announcement"

2. (Play/Stop)

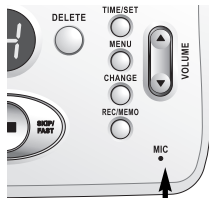
(Plays announcement previously recorded).

Or

2. REC/MEMO

"Now recording..."

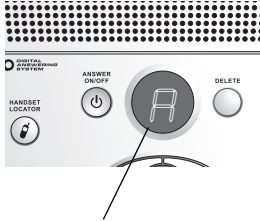
3. Speak into microphone.



Microphone

4. (Play/Stop)

(Announcement is played back).



"A" is displayed when Announce Only is activated.

1. **MENU**
 "Change Announce Only"
2. **CHANGE**
 "Off"
3. **CHANGE**
 "On"
4. (Play/Stop)
Beep
 (Option selected).

Answering System Operation

Announce Only mode

In announce only mode, callers hear an announcement but cannot leave messages. This option is useful, for example, to notify callers that you will be away for an extended period and request that they call back after a certain date.

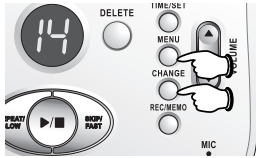
To turn Announce Only on or off

Press **MENU** repeatedly until you hear "**Change announce only.**" Then press **CHANGE** until you hear the option you want (on or off). Press **PLAY/STOP** to store your selection and exit, or press **MENU** again to modify other features (see page 31).

To record your outgoing announcement

When announce only is turned on, calls are answered with a pre-recorded announcement that says "**We're sorry, messages to this number cannot be accepted.**" You can use this announcement, or replace it with a recording of your own voice.

After turning on the announce only feature, follow the steps on page 29 to record your announcement. Callers will hear this announcement only when the announce only feature is turned on. Otherwise they will hear the standard announcement asking them to leave a message.



Answering System Operation

Changing feature options

Menu features can be changed to customize how the answering system operates. Press **MENU** repeatedly to hear each feature. Press **CHANGE** when you hear the feature you want to modify.

1. MENU

Press until desired feature is heard (see list at right).

2. CHANGE

Press until desired selection is heard.

3. MENU

Press to set selection and move to next menu option.

Or



(Play/Stop)
Press to set selection and exit menu.

Feature options

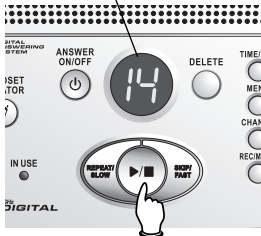
(Default settings underlined>)

System announces:	Feature description:
"Change announcement" Options: [record announcement]	Press REC/MEMO to record you outgoing announcement (see page 29). Press STOP to stop recording.
"Change remote access code" Options: [enter 2-digit code] <u>19</u>	Enter a two-digit number (10-99) for remote access from another phone (see page 35).
"Change message alert" Options: On / <u>Off</u>	When on, the telephone beeps every 10 seconds when you have new messages.
"Change announce only" Options: On / <u>Off</u>	When on, callers hear an announcement but cannot leave messages (see page 30).
"Change base ringer" Options: <u>On</u> / Off	Choose this option to turn the base ringer on or off (does not affect handset).
"Change number of rings" Options: 2 / <u>4</u> / 6 / Toll Saver	Choose number of rings before the system answers a call. When Toll Saver is active, the system answers after 2 rings if you have new messages, and after 4 rings if you have no new messages.



NOTE: Press and hold **CHANGE** to advance the remote access code number by 10.

Number of messages waiting (or, during playback, message number currently playing).



Press **PLAY/STOP** to begin or end message playback.

1. **(Play/Stop)**

"You have [xx] new messages and [xx] old messages"

Message playback begins. See options at right.

2. **(Play/Stop)**

Message playback ends.

i **NOTE:** If "F" is flashing in the message window, memory is full. You will have to delete some messages before new ones can be received.

i **NOTE:** New (unheard) messages cannot be deleted.

Answering System Operation

Message playback

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

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

Announcements

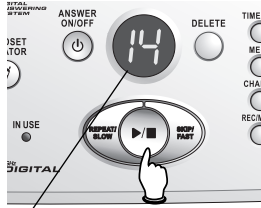
- When playback begins, you will hear the total number of messages.
- Before each message, you will hear the day and time it was received.
- After the last message, you will hear **"End of messages."** If the system has less than 5 minutes of recording time left, you will hear time remaining.

Options during playback

- Press **VOLUME** button to adjust speaker volume.
- Press **SKIP** to skip to next message (or hold down to speed up message playback).
- Press **REPEAT** to repeat message currently playing. Press twice to hear previous message (or hold down to slow message playback).
- Press **DELETE** to delete message being played back.
- Press **PLAY/STOP** to stop playback.

To delete all messages

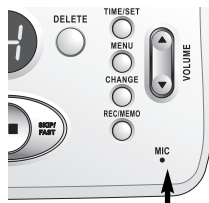
To delete all messages, press and hold **DELETE** while the phone is idle (not during a call, or during message playback).



Elapsed recording time (seconds). Press to stop recording.

1. **REC/MEMO**
 "Now recording..."

2. Speak into microphone.



Microphone

3. **(Play/Stop)**
 Beep (Memo has been recorded).

Answering System Operation

Recording and playing memos

Memos are messages you record yourself. They are saved, played back and deleted exactly like incoming messages. You can record a memo as a reminder to yourself, or leave a message for someone else if others in your household use the answering system.

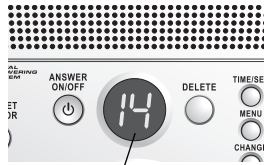
To record a memo

Press **REC/MEMO**. Elapsed time (in seconds) is shown in the message window as you record. You can record a memo up to 4 minutes long. Memos less than 1 second long will not be recorded.

Press **PLAY/STOP** to stop recording.

To play back a memo

Press **PLAY/STOP** to hear messages and memos (see page 32 for other options).



Message counter

Answering System Operation

Message counter displays

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

Message counter displays

0	No messages.
1-98	Number of messages/memos, or message number currently playing (flashes if you have new messages).
10-99	Current remote access code while setting (see page 31).
1-8	Current volume level while adjusting.
1-99 (counting)	Elapsed time while recording a memo (see page 33) or announcement up to 90 seconds (page 29).
99 (flashing)	Memo recording exceeded 99 seconds.
F (flashing)	Memory is full. Messages must be deleted before new messages can be received.
CL (flashing)	Clock needs to be set (see page 28).
A	Announce only mode is on (see page 30).
--	System is answering a call, or being accessed remotely.
-- (flashing)	System is being programmed or initialized.
On (or) OF	Displayed for one second when any answering system setting is turned on or off.
02, 04, 06, 85	Current number of rings while setting (see page 31).

1. Dial your telephone number from any touch-tone phone.
2. When system answers, enter two digit remote access code (19 unless you have changed it).
3. Enter remote commands (see list at right).
4. Hang up to end call and save all undeleted messages.



Answering System Operation


Remote access


A two digit security code is required to access your answering system from any touch-tone phone. This code is 19 by default; see page 31 to change it.


Play all messages Press to hear all messages.



Play new messages Press to hear new messages.




Delete the message Press during playback to delete current message. Press 3 twice to delete all old message.
 



Repeat or go back Press during the caller's message to repeat the message. Press during the beginning of the day and time announcement to go back to the previous caller's message.



Stop Press to stop any operation (stop playback, stop recording).



Skip to next message Press to skip current message and advance to next message.



Review announcement Press to review current outgoing announcement.


Record announcement Press * 7, wait for beep, then begin speaking. Press 5 to stop recording and hear playback of new announcement.
 

Record memo Press 8, wait for beep, then begin speaking. Press 5 to stop recording.
 

Review remote access code Press # 9 to review remote access code.


Change remote access code Press * 9 to change remote access code, then enter desired remote access code from 10-99.


 **NOTE:** If you pause for more than 10 seconds during remote access, you will hear a help menu listing all features & commands. If you issue no command for another 20 seconds, the call will end automatically.

Answering System Operation

Remote access

Help menu



Press to hear list of features & commands.

Turn system off



Press to turn off answering system. Incoming calls will no longer be answered.

Turn system on



If off, system will answer after 10 rings. Enter your access code, then press 0 to turn on.

Appendix

Screen icons, indicator lights & tones

Screen icons & alert tones



Screen icons



Ringer off.



Battery charging (animated display).



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

MUTE

Microphone is muted.

NEW

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

Handset alert tones

Two short beeps Press **VOLUME** keys while the volume levels are already at limits.

Four short beeps Low battery warning.

Two beeps Out of range during off-hook.

Confirmation tone Programming command completed successfully.

Base tones

One beep every 10 seconds Message Alert.

A series of beeps Press **VOLUME** keys while the volume levels are already at limits.

Indicator lights



Answer On/Off

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

In Use

On when handset is in use. Flashes when another phone is in use on the same line, or answering system is answering an incoming call.

Charging

On when handset is positioned so its battery can charge.

Speaker

On when speakerphone is in use.



Appendix

Handset display screen messages



Screen display messages

<i>PHONE</i>	The handset is in use.
<i>ENDED</i>	The handset is on hook.
<i>NO ENTRIES</i>	You are accessing an empty directory or call log.
<i>LIST FULL</i>	You are saving to a full directory.
<i>MICROPHONE MUTED</i>	The call is on mute.
<i>SPEAKER</i>	The handset speakerphone is in use.
<i>LOW BATTERY</i>	The battery needs to be recharged.
<i>INCOMING CALL</i>	There is a call coming in.
<i>NEW VOICE MAIL</i>	There are new voice mail messages.
<i>X NEW CALLS</i>	There are new calls in the CID log.
<i>SEARCHING ...</i>	The handset has lost communication with the base.
<i>BASE IS PAGING</i>	The base is paging handset(s).
<i>HANDSET X IS CALLING</i>	Other handset is calling.
<i>EXT. IN USE</i>	An extension phone is in use.
<i>NO LINE</i>	There is no telephone line connected.
<i>ALREADY SAVED</i>	The telephone number you have entered is already stored in the directory.
<i>SAVED</i>	Your operation is successful.
<i>WARNING CHECK BATTERY!</i>	<ul style="list-style-type: none"> • 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 supplied battery or AT&T replacement battery model 27910.
<i>PLACE IN CHARGER</i>	The battery is very low. The handset should be placed in the base unit or charger.
<i>CHARGING</i>	A handset with a low battery has been placed in the base unit or charger.

Appendix

Adding new handsets

Your telephone can accommodate up to four cordless handsets. You can add new handsets (E560-2, sold separately) to the E5640 and E5643B at any time, but each handset must be registered with the base before use.

The handset provided with your E5640 is automatically registered as Handset 1. Additional handsets will be assigned numbers in the order they are registered (Handset 2, Handset 3, or Handset 4). You can register a maximum of 4 handsets.

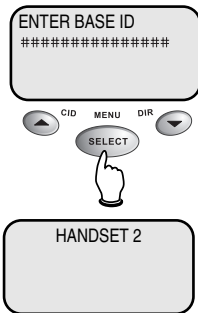
The E5643B has 3 handsets automatically registered as Handset 1, 2 and 3. You can register one additional handset, which will be assigned number 4.

The E5644B has 4 handsets automatically registered as Handsets 1, 2, 3 and 4. You cannot register any additional handsets to the E5644B.



NOTE: You can replace E5644B handsets (see page 40).

Enter base ID, then press **SELECT**.



Handset 1 Handset 2 Handset 3



Handset 4

Before using a new E560-2 handset, you must register it with the base. During registration, you must enter the 15-digit ID number of the telephone base. The Base ID is located on the bottom of the base unit.

To add a new handset:

- Make sure your handset battery is properly installed and charged.
- Your handset will display “**ENTER BASE ID**”.
- Enter the 15-digit Base ID number from the bottom of the base unit (E5640 or E5643B).
- Press **SELECT** to accept the code and complete registration.



NOTE: If an invalid Base ID code is entered, you will hear an error tone and the handset will continue to display “**ENTER BASE ID**”. To make corrections while entering the code, you can erase digits by pressing the **DELETE** key.

Once a valid base ID code is entered and accepted, the new handset will be assigned the next available handset number (Handset 2, Handset 3, or Handset 4). You can register a maximum of four handsets per base unit.

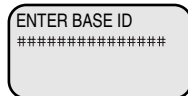
Appendix

Replacing a handset

If you are replacing a handset on a system that has the maximum number of registered handsets (4) or wish to change the assigned handset number of your registered handsets, you must first de-register the handsets, then re-register all handsets.

To de-register all handsets

- Unplug the power supply from the base unit.
- **Remove all handsets from the charge cradles and base.**
- Plug in the power supply while pressing and holding the **HANDSET LOCATOR** button.
- Continue pressing **HANDSET LOCATOR** until the **IN USE** and **CHARGING** indicators are lit (this could take up to 10 seconds).
- Release the **HANDSET LOCATOR** button.
- All handsets will display:



Once the base indicators turn off (up to 30 seconds), the handsets have been de-registered from the base, and can now be re-registered (see page 41).

Appendix

Re-Registering a handset

You can re-register handsets after de-registering from the base. Or you can re-register handsets to a new base unit, if you have replaced your base unit for any reason.

To re-register a handset:

- Make sure your handset batteries are properly installed and charged.
- Your handset will display “**ENTER BASE ID**”.
- Enter the 15-digit Base ID number from the bottom of the base unit.
- Press **SELECT** to accept the new code and complete re-registration.

To re-register a handset to a new base unit:

- Make sure your handset batteries are properly installed and charged.
- Unplug the old base unit. Your handset will display “**SEARCHING...**”.
- Install the new base unit by plugging it into an electrical outlet and phone jack.
- Press and hold the **SELECT** key until the handset displays “**ENTER BASE ID**”.
- Enter the new 15-digit Base ID number from the bottom of the new base unit.
- Press **SELECT** to accept the new code and complete re-registration. The handset is now registered to the new base.



NOTE: If an invalid base ID code is entered, you will hear an error tone and the handset will continue to display “**ENTER BASE ID**”. To make corrections while entering the code, you can erase digits by pressing the **DELETE** key.

Once a valid base ID code is entered and accepted by the base unit, the new handset will be assigned the next available handset number. You can register a maximum of four handsets per base unit.

Appendix


Troubleshooting

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.

Problem	Suggestion
Telephone does not work at all	<ul style="list-style-type: none"> • Make sure battery is installed and charged correctly (see page 9). • 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 19). • Make sure all extension phones are hung up. • Disconnect the base from the modular jack and plug in a working telephone. If this phone does not work, the problem is probably in your wiring or local service. Call your local telephone service company. • If these suggestions do not work, unplug the base, remove and re-insert the battery, then place the handset in the base to re-initialize.
Phone does not ring	<ul style="list-style-type: none"> • Make sure the ringer is on (see page 18). • Make sure the telephone line cord and AC adapter are plugged in properly (see page 8). • 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	<ul style="list-style-type: none"> • 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. • 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. • Do you have DSL service? If so, you need to have a DSL filter installed at every phone jack that has a phone connected to it. Contact your DSL service provider for filter information. • Other nearby cordless telephones can cause interference. Try moving one of the cordless telephone bases.

Appendix

Troubleshooting

Problem	Suggestion
Incomplete messages	<ul style="list-style-type: none"> • If a caller leaves a very long message, part of it may be lost when the system disconnects the call after 4 minutes. • If the caller pauses for more than 7 seconds, the system stops recording and disconnects the call. • If the system's memory becomes full during a message, the system stops recording and disconnects the call. • If the caller's voice is very soft, the system may stop recording and disconnect the call.
Difficulty hearing messages	<ul style="list-style-type: none"> • Press VOLUME  on the base to increase speaker volume.
System does not answer after correct number of rings	<ul style="list-style-type: none"> • Make sure that the answering system is on (see page 27). • If Toll Saver is activated, the number of rings changes to 2 when you have new messages waiting (see page 31). • In some cases, the system may be affected by the ringing system used by the local telephone company. • If the memory is full or the system is off, the system will answer after 10 rings.
"CL" flashes in message window	<ul style="list-style-type: none"> • You need to reset the answering system clock (see page 28).
System does not respond to remote commands	<ul style="list-style-type: none"> • Make sure to enter your remote access code correctly (see page 35). • Make sure you are calling from a touch-tone phone. When you dial a number, you should hear tones. If you hear clicks, the phone is not a touch-tone telephone and cannot activate the answering system. • The answering system may not detect the remote access code while your announcement is playing. Try waiting until the announcement is over before entering the code. • There may be noise or interference on the phone line you are using. Press dial-pad buttons firmly.
System does not record messages	<ul style="list-style-type: none"> • Make sure answering system in on (see page 27). • Make sure Announce Only is off.
Announcement message is not clear	<ul style="list-style-type: none"> • When you record your announcement, make sure you speak in a normal tone of voice, about nine inches from the base. • Make sure there is no background noise (TV, music, etc.) while you are recording.

Appendix

Technical specifications

RF Frequency Band (Handset to base)	2400 MHz — 2483.5 MHz
RF Frequency Band (Base to handset)	5725 MHz — 5850 MHz
Channels	95
Channel Spacing	864 KHz
Output Power	Handset: 19 dBm (nominal) Base: 29 dBm (nominal)
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)	9VDC @600mA
Handset Voltage	3.2 — 4.7 VDC 700mAH
Charger Voltage (AC Adapter Output)	9VDC @200mA
Replacement Battery	Model 27910 3.6V 600mAh

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Appendix

Remote access wallet card

Use the wallet card below to help you remember commands to control your answering system from any touch tone telephone.

Cut along dotted line.



Call your phone number, then enter your 2-digit access code (preset to 19).

Action	Remote Command
--------	----------------

Play all messages	1
Play new messages.....	2
Delete the message.....	3
Delete all old messages	3 3
Repeat or go back	4
Stop.....	5
Help menu.....	* 5

Fold here.

Skip the message	6
Review announcement	# 7
Record announcement	* 7
Record memo.....	8
Review remote access code ..	# 9
Change remote access code..	* 9
Answer machine ON/OFF	0

5.8 GHz Cordless Telephone/Answering System E5640/E5643B/E5644B

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