

EXHIBIT A
[FCC Ref. 2.1033(b)(3)]

"Installation and Operating Instructions
Furnished to the User"

Exhibit A(1) - User's Guide

27958



**2.4 GHz Speakerphone and
Answering System with Cordless
Handset and Call Waiting Caller ID
User's Guide**



FCC ID: G9H2-7958A
Marstech Report No. 22389D
EXHIBIT A(1)

EQUIPMENT APPROVAL INFORMATION

Your telephone equipment is approved for connection to the Public Switched Telephone Network and is in compliance with parts 15 and 68, FCC Rules and Regulations and the Technical Requirements for Telephone Terminal Equipment published by ACTA.

1 Notification to the Local Telephone Company

On the bottom of this equipment is a label indicating, among other information, the US number and Ringer Equivalence Number (REN) for the equipment. You must, upon request, provide this information to your telephone company.

The REN is useful in determining the number of devices you may connect to your telephone line and still have all of these devices ring when your telephone number is called. In most (but not all) areas, the sum of the RENs of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, you should contact your local telephone company.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the 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. See installation instructions for details.

Notes

- This equipment may not be used on coin service provided by the telephone company.
- Party lines are subject to state tariffs, and therefore, you may not be able to use your own telephone equipment if you are on a party line. Check with your local telephone company.
- Notice must be given to the telephone company upon permanent disconnection of your telephone from your line.
- If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this product does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

2 Rights of the Telephone Company

Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practicable, notify you that temporary discontinuance of service may be required. Where prior notice is not practicable and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must: (1) promptly notify you of such temporary discontinuance; (2) afford you the opportunity to correct the situation; and (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Subpart E of Part 68, FCC Rules and Regulations.

The telephone company may make changes in its communications facilities, equipment, operations or procedures where such action is required in the operation of its business and not inconsistent with FCC Rules and Regulations. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company must give you adequate notice, in writing, to allow you to maintain uninterrupted service.

INTERFERENCE INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed 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 (that is, the antenna for radio or television that is "receiving" the interference).
- Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.
- Connect the telecommunications equipment into an outlet on a circuit different from that to which the receiving antenna is connected.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio/TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402. Please specify stock number 004-000-00345-4 when ordering copies.

HEARING AID COMPATIBILITY (HAC)



This telephone system meets FCC standards for Hearing Aid Compatibility.

US NUMBER IS LOCATED ON THE CABINET BOTTOM
REN NUMBER IS LOCATED ON THE CABINET BOTTOM

TABLE OF CONTENTS

EQUIPMENT APPROVAL INFORMATION	2	ANSWERING A CALL	15
INTERFERENCE INFORMATION	2	HANDSET	15
HEARING AID COMPATIBILITY (HAC)	2	BASE SPEAKERPHONE	15
INTRODUCTION	5	MAKING A CALL	15
HANDSET AND CHARGE CRADLE LAYOUT ..	7	HANDSET	15
BASE LAYOUT	7	SPEAKERPHONE	15
BEFORE YOU BEGIN	8	MANUAL CHANNEL SELECTION	16
PARTS CHECKLIST	8	CALL TIMER	16
TELEPHONE JACK REQUIREMENTS	8	AUTO STANDBY	16
IMPORTANT INSTALLATION INFORMATION	8	RINGER VOLUME SWITCH	16
IMPORTANT INSTALLATION GUIDELINES ..	9	HANDSET	16
INSTALLING THE PHONE	9	BASE UNIT	16
CONNECTING THE AC (ELECTRICAL)		FLASH	16
POWER	10	LAST NUMBER REDIAL	17
CONNECTING THE TELEPHONE LINE	10	BASE	17
CONNECTING THE CORDED HANDSET ..	10	HANDSET	17
WALL MOUNTING THE BASE	10	HOLD	17
TELEPHONE SET UP	11	PAGING THE CORDLESS HANDSET	18
LANGUAGE	11	MUTE	18
DISPLAY CONTRAST	12	TEMPORARY TONE DIALING	18
LOCAL AREA CODE	12	VOLUME	19
RINGER LEVEL	12	ANSWERING SYSTEM	19
CURRENT DAY/TIME	13	CORDED HANDSET	19
TONE/PULSE	13	CORDLESS HANDSET	19
RING SELECT	13	SPEAKERPHONE	19
REGISTRATION	14	SPEAKERPHONE OPERATION	19
DEFAULT SETTING	14	RECEIVING A CALL WITH	
BASIC OPERATION	15	SPEAKERPHONE	20

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

	CAUTION: RISK OF ELECTRIC SHOCK DO NOT OPEN	
THE LIGHTNING FLASH AND ARROW HEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.	CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.
SEE MARKING ON BOTTOM / BACK OF PRODUCT		

MAKING A CALL WITH	
SPEAKERPHONE	20
SWITCHING BETWEEN	
SPEAKERPHONE AND HANDSET	20
INTERCOM OPERATION	20
MAKING AN INTERCOM CALL	21
ANSWERING AN INTERCOM	
CALL	21
RECEIVING AN INCOMING	
TELEPHONE CALL DURING	
AN INTERCOM CALL	21
USING INTERCOM WITH A	
TELEPHONE CALL	21
TWO-WAY INTERCOM	
CALLS	22
THREE-WAY INTERCOM	
CALLS	22
MEMORY	22
STORING A NAME AND NUMBER IN	
MEMORY	23
STORING A REDIAL NUMBER	23
INSERTING A PAUSE IN THE DIALING	
SEQUENCE	24
REVIEWING, CHANGING OR DELETING	
STORED NAMES/NUMBERS	24
DIALING A STORED NUMBER	24
CHAIN DIALING FROM MEMORY	25
CALLER ID (CID)	26
RECEIVING AND STORING	
CID RECORDS	27
REVIEWING CALL RECORDS	27
TRANSFERRING CID RECORDS TO	
MEMORY	28
DIALING A CALLER ID NUMBER	28
DELETING THE CURRENT CALLER ID	
RECORD	30
DELETING ALL CALLER ID RECORDS ..	30
CALLER ID ERRORS	30
CALL WAITING CALLER ID	30
ANSWERING SYSTEM SET Up	31
VOICE INSTRUCTIONS	31
ANSWERING SYSTEM OPERATION	31
RECORDING THE OUTGOING	
ANNOUNCEMENT	31
REVIEWING ANNOUNCEMENT	32
MESSAGES INDICATOR	32
SCREENING CALLS FROM THE BASE	32
MESSAGE PLAYBACK	32
MEMORY FULL	33
ERASING MESSAGES	33
LEAVING A MEMO	33
REMOTE Access	34
USING THE HANDSET	34
ANSWERING SYSTEM INDICATOR	34
SCREENING CALLS FROM	
THE HANDSET	34
MEMORY FULL	35
ACCESSING THE ANSWERING SYSTEM	
FROM ANOTHER LOCATION	35
CHANGING THE SECURITY CODE	36
CHANGING THE BATTERY	36
BATTERY SAFETY PRECAUTIONS	37
HEADSET AND BELT CLIP OPERATION	37
CONNECTING AN OPTIONAL	
HEADSET TO THE HANDSET	37
CONNECTING THE BELT CLIP	37
DISPLAY MESSAGES	38
HANDSET SOUND SIGNALS	39
TROUBLESHOOTING GUIDE	39
GENERAL PRODUCT CARE	41
CAUSES OF POOR RECEPTION	41
SERVICE	42
INDEX	43
ACCESSORY ORDER FORM	45
LIMITED WARRANTY	46

INTRODUCTION



CAUTION: When using telephone equipment, there are basic safety instructions that should always be followed. Refer to the **IMPORTANT SAFETY INSTRUCTIONS** provided with this product and save them for future reference.

Congratulations on purchasing this GE telephone/answering system. This system operates in the 2.4 GHz frequency range, and is unique to conventional cordless telephones. When the base is connected to electrical power and a telephone line, it can support a cordless handset. And you can place the fully featured cordless handset anywhere electrical power is available.

Features:

- 2.4 GHz Technology
- Speakerphone
- Call Waiting and Caller ID Compatible
- Tone/Pulse Dialing

This telephone has been designed to be simple to use, however, you can reach its full potential more quickly by taking a few minutes to read this instruction book. This telephone is a multifunction product for use with Call Waiting and Caller ID services available from your local telephone company.

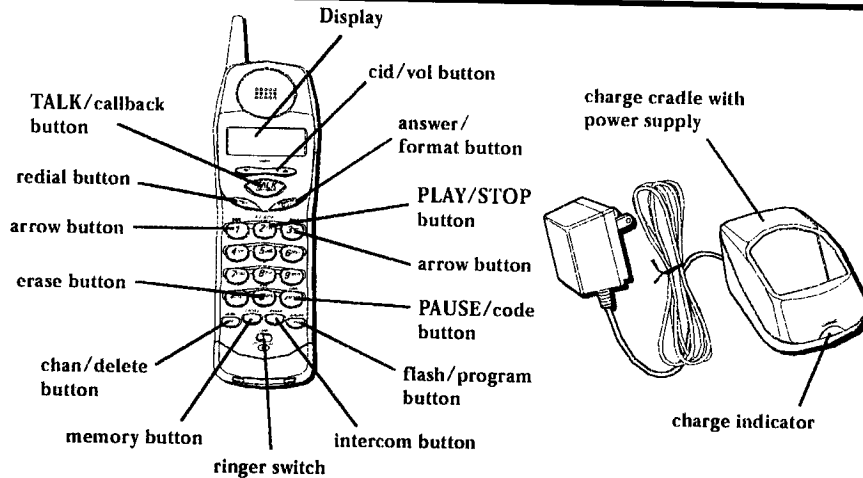
Your Caller ID Call Waiting phone allows you to:

- View the name and telephone number of a caller while you are on the phone (Call Waiting Caller ID).
- Identify callers before you answer the phone.
- View the time and date of each incoming call.
- Record up to 40 Caller ID messages sequentially in each handset and the base.
- Know who called while you are on the other line or when you were away.
- Screen unwanted calls, eliminate harassment from annoying calls, or to get prepared before answering a call.

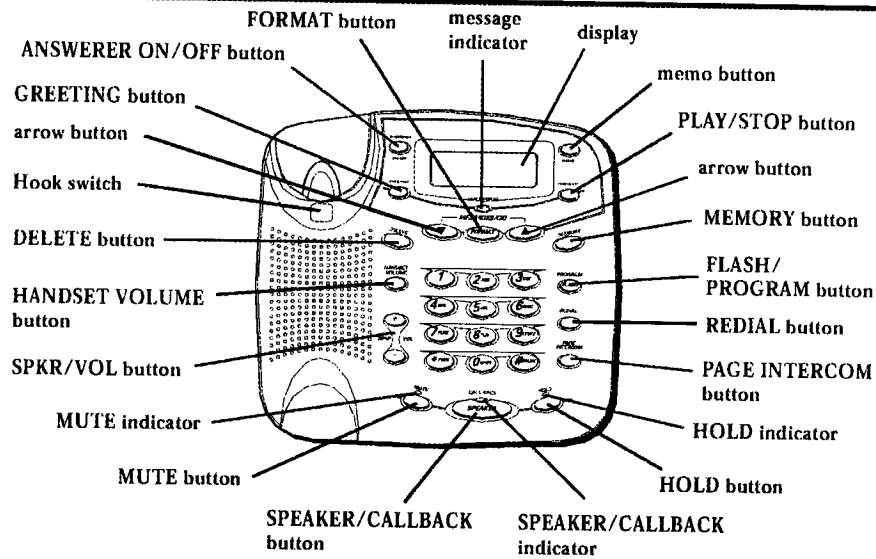
IMPORTANT: In order to use all of the features of this telephone, you must subscribe to two separate services available from your local telephone company: the standard Name/Number Caller ID Service to know who is calling when the phone rings and Caller ID with Call Waiting Service to know who is calling while you are on the phone.

INSTALLATION NOTE: Some cordless telephones operate at frequencies that may cause interference to nearby TVs, microwave ovens, and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV, microwave ovens, or VCR. If such interference continues, move the cordless telephone farther away from these appliances. Certain other communications devices may also use the 2.4 GHz frequency for communication, and, if not properly set, these devices may interfere with each other and/or your new telephone. If you are concerned with interference, please refer to the owner's manual for these devices on how to properly set channels to avoid interference. Typical devices that may use the 2.4 GHz frequency for communication include wireless audio/video senders, wireless computer networks, multi-handset cordless telephone systems, and some long-range cordless telephone systems.

HANDSET AND CHARGE CRADLE LAYOUT



BASE LAYOUT



BEFORE YOU BEGIN

PARTS CHECKLIST

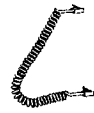
Make sure your package includes the items shown here.



Base



Base Handset



Coiled handset cord



Desktop/Wall Mounting pedestal



AC power supply



Cordless handset charger



Cordless handset



Belt clip



Telephone line cord



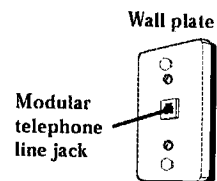
Telephone short line cord



Handset battery

TELEPHONE JACK REQUIREMENTS

To use this phone, you need an RJ11C type modular telephone jack, which might look like the one pictured here, installed in your home. If you don't have a modular jack, call your local phone company to find out how to get one installed.



IMPORTANT INSTALLATION INFORMATION

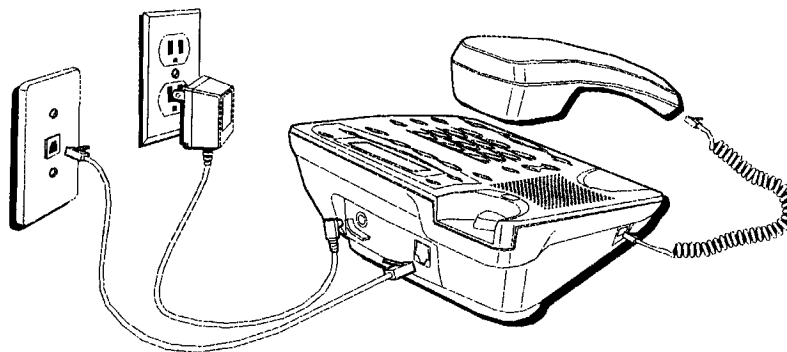
- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch non-insulated telephone wires or terminals, unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Temporarily disconnect any equipment connected to the phone such as faxes, other phones, or modems.

IMPORTANT INSTALLATION GUIDELINES

- Install telephone near both a telephone (modular) jack and an electrical power outlet.
- Avoid sources of noise, such as a window by a busy street, and electrical noise, such as motors, microwave ovens, and fluorescent lighting.
- Avoid heat sources, such as heating air ducts, heating appliances, radiators, and direct sunlight.
- Avoid areas of excessive moisture or extremely low temperature.
- Avoid dusty locations.
- Avoid other cordless telephones or personal computers.

INSTALLING THE PHONE

Choose the best location to install your base and handset charge cradle. Your base and handset charge cradle should be placed on a level surface such as a desk or table top, or you may mount the base on a wall.



CONNECTING THE AC (ELECTRICAL) POWER

1. On the base, plug the power supply cord into the power jack on the back of the base and the other into an electrical outlet. If desired, store the extra power supply line cord inside desktop pedestal.



CAUTION: Use only the ATLINKS USA, Inc. 5-2521 (black) and 5-2520 (white) power supply that came with this unit. Using other power supplies may damage the unit.

2. Plug the handset charge cradle into an electrical outlet.

CONNECTING THE TELEPHONE LINE

On the base, plug one end of the straight telephone line cord into the jack on the back of the base and the other end into a modular wall telephone jack.

NOTE: If desired, gather the extra telephone line and power supply cord together, fasten with a wire tie, and store inside the wall mounting bracket.

CONNECTING THE CORDED HANDSET

1. Connect one end of the coiled handset cord to the jack on the side of the base.
2. Connect the other end of the coiled cord to the jack on the handset, then place the handset in the base cradle.

WALL MOUNTING THE BASE

NOTE: For best results, leave the phone on a flat surface during initial charging before you hang it on the wall.

The base is packaged with the pedestal attached in desktop mode. To mount the base on the wall:

1. Turn the base over and remove the pedestal.
2. Rotate the pedestal a half turn, and align it with the bottom of the base.
3. Attach the pedestal by first inserting the tabs on the pedestal into the slots on the bottom of the base, and then push the pedestal down until it snaps into place.

4. Plug the short telephone line cord into the jack marked PHONE LINE on the back of the base and the other end into a modular phone jack.
5. Feed the short telephone line cord and power supply cord through the grooves on the pedestal to allow the unit to rest flat against the wall.
6. Slip the mounting holes on the pedestal over the wall plate posts and firmly slide the unit into place. (Wall plate not included.)
7. Remove the handset hook, turn it upside down, and put it back in the slot. You need to do this so the corded handset doesn't fall out of the base.
8. Place the corded handset in the base cradle.

NOTE: If desired, gather the extra telephone line and power supply cord together, fasten with a wire tie, and store inside the wall mounting bracket.

TELEPHONE SET UP

There are ten programmable menus available: Language, Tone/Pulse, Ringer, Display Contrast, Local Area Code, Ringer Level, Set Day, Set Time, Link Cordless Handset, and Default.

LANGUAGE

NOTE: This setting may be made with the base or the cordless handset.

1. Press the flash/program button until *1ENGLISH 2FRA 3ESP* shows in the display. *1ENGLISH* is the default setting.
2. Press 1, 2, or 3 on the cordless handset or base touch-tone pad to enter your selection, or press the MESSAGES/CID (▲ or ▼) button on the base or the cid/vol (▲ or ▼) buttons on the cordless handset to scroll to your selection.
3. Press flash/program again to store your selection.

DISPLAY CONTRAST

NOTE: This setting may only be made with the base.

1. Press the flash/program button until *SET CONTRAST* shows in the display. "2" is the default setting.
2. Press 1, 2 or 3 on the base touch-tone pad to enter your selection, or use the MESSAGES/CID (▲ or ▼) button on the base to scroll to your selection.
3. Press flash/program again to store your selection.

NOTE: You can press flash/program at any time to go to the next option. To exit the menu, press flash/program repeatedly.

LOCAL AREA CODE

NOTE: This setting may be made with the base or the cordless handset.

1. Press the flash/program button until *SET AREA CODE - - -* shows in the display. - - - is the default setting.
2. Use the cordless handset or base number pad to enter your three digit area code.
3. Press flash/program again to store your selection.

NOTE: You can press flash/program at any time to go to the next option. To exit the menu, press flash/program repeatedly.

To clear the local area code, press and release flash/program, until *SET AREA CODE* is displayed. Then enter 000. Press flash/program again to confirm.

RINGER LEVEL

NOTE: This setting may only be made with the base.

1. Press the flash/program button until *SET RING LEVEL* shows in the display. 1 H/ is the default setting.
2. Press 1, 2 or 3 on the base touch-tone pad to enter your selection, or use the MESSAGES/CID (▲ or ▼) button to scroll to your selection.
3. Press flash/program again to store your selection.

NOTE: You can press flash/program at any time to go to the next option. To exit the menu, press flash/program repeatedly.

CURRENT DAY/TIME

NOTE: This setting may only be made with the base.

Time is transmitted automatically by your local phone company as part of Caller ID service. If you are subscribed to Caller ID service, the current time is set automatically when you receive your first CID call. Otherwise, you can set the time manually.

1. Press the flash/program button until *SET DAY* shows in the display. Monday is the default setting.
2. Use the MESSAGES/CID (▲ or ▼) button to select the current day.
3. Press flash/program until *SET TIME* shows on the display. *12:00 AM* is the default setting.
4. Use the touch-tone pad to enter the first digit of the hour, then enter the second digit of the hour, the first digit of the minute, and the second digit of the minute.
5. Use the MESSAGES/CID (▲ or ▼) button to scroll to AM or PM.
6. Press flash/program again to store your selection.

NOTE: Press and release flash/program to review the settings. To exit, press the flash/program button until you exit the menu.

TONE/PULSE

1. Press the flash/program button until *1TONE 2PULSE* shows in the display. *1TONE* is the default setting.
2. Use the touch-tone pad on the base to enter your selection, or press the MESSAGES/CID (▲ or ▼) buttons to scroll to your selection.
3. Press flash/program again to store your selection.

RING SELECT

1. Press the flash/program button until *RING SELECT* shows in the display.
2. Use the MESSAGES/CID (▲ or ▼) button to scroll to your selection (3 to 5 rings)
3. Press flash/program again to store your selection.

REGISTRATION

Registration links the base to a cordless handset. Once a handset is registered it can use the base's phone connection. A cordless handset will not operate until it is registered to the base. During the registration process, keep the handset near the base.

1. Press the flash/program button on the until *LINK HANDSET* shows in the display. *2NO* is the default setting.
2. Press the 1 number key or press the MESSAGES/CID (▲ or ▼) button on the base to scroll to *1YES*.
3. Press flash/program to confirm handset is linked to the base. *WAITING HANDSET REGISTRATION* shows in the display. (Keep pressing the button until next step is finished).
4. Press the flash/program button on the handset until *LINK BASE?* shows in the display. *2NO* is the default setting.
5. Press 1 on the handset keypad or cid/vol (▲ or ▼) button on the handset to scroll to *1YES*.
6. Press flash/program again to confirm. You will hear a long confirmation tone when the handset is successfully linked to the base.

DEFAULT SETTING

1. Press the flash/program button until *DEFAULT SETTING 1YES 2NO* shows in the display. *2NO* is the default setting.
2. Press 1 or 2 on the cordless handset or base touch-tone pad or use the MESSAGES/CID (▲ or ▼) button on the base or the cid/vol (▲ or ▼) button on the handset to scroll to *1YES* or *2NO*.

NOTE: If you choose "YES" all settings in the programmable menu return to factory defaults.

3. Press flash/program again to store your selection.
4. The base announces the new day/time after the default setting.

BASIC OPERATION

ANSWERING A CALL

Check the display to see who is calling.

HANDSET

1. Press the TALK/callback button on the handset. The new message/in-use indicator on the base comes on whenever the handset is on.
2. When finished, press TALK/callback to hang up.

BASE SPEAKERPHONE

1. Press the SPEAKER/CALLBACK button.
2. When finished, press SPEAKER/CALLBACK to hang up.

NOTE: For more information, refer to Speakerphone Operation section of this manual.

MAKING A CALL

HANDSET

1. Press the TALK/callback button.
2. Wait for a dial tone then dial the desired number. Or, dial the numbers and then press the TALK/callback button. The number dials automatically.
3. When finished, press TALK/callback to hang up.

SPEAKERPHONE

1. Press the SPEAKER/CALLBACK button.
2. Wait for a dial tone, then dial the desired number. Or, dial the number and then press the SPEAKER/CALLBACK button.
3. When finished, press SPEAKER/CALLBACK to hang up.

MANUAL CHANNEL SELECTION

While talking, you might need to manually change the channel in order to reduce static caused by baby monitors, garage door openers, or other cordless phones. Press and release the Channel/Delete button on the cordless handset to advance to the next clear channel.

CALL TIMER

After you press TALK/callback on the cordless handset (or SPEAKER/CALLBACK button on the base), the built-in call timer shows in the display and begins counting the length of time of the call.

AUTO STANDBY

Placing the cordless handset in the charge cradle while the handset is off the hook (or during a call) automatically hangs up the handset.

RINGER VOLUME SWITCH

HANDSET

Use the two-position switch on the cordless handset to turn the ringer volume off or on.

BASE UNIT

The base ringer volume is set through the programming menu. Refer to Telephone Set Up for more information.

The ringer switch must be in the ON position for the cordless handset to ring when incoming calls are received.

FLASH

Use the flash/program buttons on the base and cordless handset to activate custom calling services such as call waiting or call transfer, which are available through your local phone company.

TIP: Don't use the TALK/callback or SPEAKER/CALLBACK button to activate custom calling service such as call waiting, or you'll hang up the phone.

LAST NUMBER REDIAL

To quickly redial the last number you dialed:

BASE

1. Press the SPEAKER/CALLBACK button.
2. Press the redial/pause button.

-Or-

3. Press the redial/pause button first, then press the SPEAKER/CALLBACK button.

If you get a busy signal, and want to keep dialing the number, press the redial/pause button to quickly redial the number again.

HANDSET

1. Press TALK/callback button.
2. Press the redial/pause button.

-Or-

3. Press the redial/pause button first, then press the TALK/callback button.

If you get a busy signal, and want to keep dialing the number, press the redial/pause button to quickly redial the number again.

HOLD

Press the hold button on the base to put a call on hold. The hold indicator light turns on.

To take a call off hold, press the hold button again, and the hold indicator light turns off.

- To switch a call on hold from the base to the cordless handset, press TALK/callback on the cordless handset.

If you continue the call on a separate extension phone, your cordless phone releases the line to the extension phone, and the hold indicator light turns off.

PAGING THE CORDLESS HANDSET

This feature helps you locate a misplaced handset.

Press and release the PAGE INTERCOM button on the base. The display shows *PAGING*. The cordless handset beeps continuously and displays *PAGE YOU* for about two minutes or until you press int or TALK/callback on the cordless handset or press PAGE INTERCOM on the base.

NOTE: You may still page the cordless handset even if the ringer is turned off.

MUTE

To have a private, off-line conversation, use the mute feature. The party on the other end of the line cannot hear you, but you can still hear them.

1. Press the MUTE button on the base. The base display shows *MUTE* and the mute indicator turns on.
2. Press MUTE again to cancel and return to your phone conversation.

TEMPORARY TONE DIALING

This feature is useful only if you use pulse dialing service. Temporary tone dialing enables pulse (rotary) service phone users to access touch-tone services offered by banks, credit card companies, etc. For example, when you call your bank you may need to enter your account number. Using the temporary tone allows you to temporarily make your phone touch tone compatible.

1. Dial the telephone number and wait for the line to connect.
2. When your call is answered, press the *TONE button on your handset number pad to temporarily change from pulse dialing to tone dialing.
3. Follow the automated instructions to get the information you need.
4. Hang up the handset and the phone automatically returns to pulse (rotary) dialing mode.

VOLUME

ANSWERING SYSTEM

Adjust the base unit speaker volume or corded handset volume by pressing the SPKR/VOL + and - buttons. There are eight volume levels, and each press of the volume button adjusts the speaker volume by one level.

CORDED HANDSET

Adjust the corded handset volume by pressing the HANDSET VOLUME button on the base. There are four volume levels, and each press of the HANDSET VOLUME button adjusts the receiver volume by one level.

CORDLESS HANDSET

Adjust the receiver volume by pressing the cid/vol (▲ or ▼) buttons. There are four volume levels, and each press of the cid/vol (▲ or ▼) button adjusts the receiver volume by one level. When the maximum or minimum volume level is reached, the phone beeps twice.

SPEAKERPHONE

Adjust the speakerphone volume by pressing the SPKR/VOL + and - buttons on the base.

SPEAKERPHONE OPERATION

For best speakerphone performance, avoid the following:

- Areas with high background noise. (The microphone might pick up these sounds.)
- Surfaces affected by vibration.
- Recessed areas such as in a corner, under a cupboard, or next to a cabinet, which can generate an echo effect.

Note the following guidelines when using the speakerphone.

- Stay reasonably close to the phone so that you can be clearly heard by the person to whom you are speaking.
- The SPEAKER indicator is on when the speakerphone is in use.

RECEIVING A CALL WITH SPEAKERPHONE

1. When the phone rings, press and release the **SPEAKER/CALLBACK** button on the base, and speak normally, at a minimum distance of 8-9 inches, into the built-in microphone.
2. Adjust speakerphone volume by pressing the **SPKR/VOL +** and **-** buttons on the base.
3. To end the call, press the **SPEAKER/CALLBACK** button again.

MAKING A CALL WITH SPEAKERPHONE

1. Press and release the **SPEAKER/CALLBACK** button on the base, and wait for a dial tone.
2. Dial the number (using a memory dial number, if desired.) The number shows in the display.

-Or-

Dial the number and then press the **SPEAKER/CALLBACK** button.

3. When the party answers, adjust speakerphone volume by pressing the **SPKR/VOL +** and **-** buttons.
4. To end the call, press the **SPEAKER/CALLBACK** button again.

SWITCHING BETWEEN SPEAKERPHONE AND HANDSET

You can switch between speakerphone and handset after dialing a number, or any time during a conversation.

Speaker to Cordless Handset — Press **TALK/callback** on handset, then press **SPEAKER/CALLBACK** on the base. Speak into the cordless handset.

Corded/Cordless Handset to Speaker — Press **SPEAKER/CALLBACK**, then hang up the handset. Speak into the Speakerphone.

INTERCOM OPERATION

A two-way intercom is possible between the base and cordless handset without tying up the telephone line and since the telephone line is not used, you can still receive incoming calls.

MAKING AN INTERCOM CALL

1. Make sure the phone is **OFF** (not in TALK mode).
2. Press the PAGE INTERCOM button (base) or the intercom button (cordless handset). A paging tone sounds at the base and cordless handset, and after 15 seconds of paging, the base auto-connects the handset's intercom.
3. When finished, press the PAGE INTERCOM button or the intercom button.

NOTE: To cancel the intercom call, press PAGE INTERCOM (base) or intercom (cordless handset).

ANSWERING AN INTERCOM CALL

1. Press the PAGE INTERCOM button (base) or the intercom button (handset).
2. When finished, press the PAGE INTERCOM or the intercom button again.

RECEIVING AN INCOMING TELEPHONE CALL DURING AN INTERCOM CALL

During an intercom call, if you receive a telephone call, both intercom users are alerted as follows:

Cordless Handset - Receives a ringing tone. To take the call, press TALK/callback. (The intercom connection is discontinued.)

Base - Speakerphone rings and the NEW MESSAGE indicator blinks. To take the call, press the SPEAKER/CALLBACK button.

USING INTERCOM WITH A TELEPHONE CALL

During a telephone call, you can use the intercom/paging function to page the base or cordless handset and set up a private (2-way) intercom conversation with another user while the telephone call is placed on hold. Or, you can create a 3-way conversation between the telephone caller, the base, and the cordless handset.

TWO-WAY INTERCOM CALLS

1. To make an intercom call press the **PAGE INTERCOM** button (base) or **intercom** button (cordless handset), depending on where the external call originated.

The external caller is placed on hold and both intercom users may speak privately.

2. To answer the intercom page, press the **PAGE INTERCOM** button (base) or **intercom** button (cordless handset). When finished press the **PAGE INTERCOM** button or **intercom** button to retrieve the external caller.

THREE-WAY INTERCOM CALLS

1. Press the **PAGE INTERCOM** button (base) or **intercom** button (cordless handset) during an outside call.

The external caller is placed on hold, and a paging tone sounds at the base and cordless handset. *PAGING* displays on the originating unit and *PAGE YOU* on the other unit.

2. If the originating unit is the handset, press the **PAGE INTERCOM** button on the base to set up the intercom. Then press the **memory/conf** button on the handset to retrieve the external caller. Three-way conversation begins, and *CONFERENCE* shows in the display.
3. If the originating unit is the base, press the **intercom** button to setup the intercom. Then press the **base HOLD/CONF** button on the base to retrieve the external call. Three-way conversation begins, and *CONFERENCE* shows in the display.

MEMORY

The cordless handset and base each have their own separate memory storage areas. Store ten 15-character names and 24-digit telephone numbers in the handset memory, ten 15-character names and 24-digit telephone numbers in the base memory.

STORING A NAME AND NUMBER IN MEMORY

1. Press the memory button on the handset or base.
2. Press the desired memory location button (0 through 9 number keys). If the memory location is occupied, the stored name and number displays. If the memory location is unoccupied, *EMPTY* shows in the display.
3. Press the memory button again. The display shows *ENTER NAME*.
4. Use the base or cordless handset number touch-tone pad to enter a name (up to 15 characters). More than one letter is stored in each of the number keys. For example, to enter Bill Smith, press the 2 key twice for the letter B. Press the 4 key 3 times for the letter I. Press the 5 key 3 times for the letter L. Press the 5 key 3 times for the second letter L, and press the 1 key to insert a space between the first and last name. Press the 7 key 4 times for the letter S; press the 6 key once for the letter M; press the 4 key 3 times for the letter I; press the 8 key for the letter T; press the 4 key twice for the letter H.
5. Press the memory button again to save your selection. The display shows *ENTER TEL NUMBR*.
6. Use the number touch-tone pad to enter the area code followed by the telephone number (up to 24 digits, including pauses) and press the memory button again to save your selection. The unit beeps to confirm.
7. To enter another name and number in a different memory location, return to step 1 and repeat the process.

STORING A REDIAL NUMBER

1. Make sure the phone is **OFF** (not in TALK mode).
2. Press the memory button on the handset or base.
3. Press any number key (0-9) to store the phone number in that memory location.
4. Press memory and *ENTER NAME* shows in the display.
5. Use the base or cordless handset touch-tone pad to enter the name, then press memory. *ENTER NUMBR* shows in the display.

6. Press redial to display the redial number and name.
7. Press memory again to confirm.

NOTE : If the number you want to redial has more than 24 digits, the telephone number cannot be stored in memory.

INSERTING A PAUSE IN THE DIALING SEQUENCE

Press the #PAUSE button on the touch-tone pad twice to insert a delay in the dialing sequence of a stored telephone number when a pause is needed to wait for a dial tone (for example, after you dial 9 for an outside line, or wait for a computer access tone.) Each pause counts as 1 digit in the dialing sequence.

REVIEWING, CHANGING OR DELETING STORED NAMES/NUMBERS

To Review: Press memory on the handset or base, then press the MESSAGES/CID (▲ or ▼) button (base) or the cid/vol (▲ or ▼) button (cordless handset) to scroll through the stored numbers. Or press the memory location number.

To Change: Follow the steps under Storing a Name and Number in Memory except replace the stored name or number with the new information.

To Delete: Press memory on the handset or base, then press the MESSAGES/CID (▲ or ▼) button (base) or the cid/vol (▲ or ▼) button (cordless handset) to scroll to a desired memory.

1. While the entry displays, press delete to mark the entry for deletion. The display shows *DELETE?*
2. Press delete again to delete the entry. *DELETED* is displayed.

DIALING A STORED NUMBER

Handset:

Make sure the phone is **ON** by pressing the TALK/callback button on the cordless handset.

1. Press the memory/conf button.
2. Press the desired memory location button (0-9). The stored telephone number dials automatically.

-Or-

1. Make sure the phone is **OFF** (not in TALK mode).
2. Press the memory/conf button.
3. Press the desired memory location button (0-9), or use the cid/vol (▲ or ▼) button to scroll to the desired telephone number.
4. Press the TALK/callback button. The stored telephone number dials automatically.

Base:

Press the SPEAKER/CALLBACK button.

1. Press the MEMORY button.
2. Press the desired memory location (0-9). The number dials automatically.

-Or-

1. Make sure the phone is **OFF** (not in talk mode).
2. Press the MEMORY button.
3. Press the desired memory location button (0-9), or use the MESSAGES/ CID (▲ or ▼) button to scroll to the desired telephone number.
4. Press the SPEAKER/CALLBACK button. The number dials automatically.

CHAIN DIALING FROM MEMORY

Use this feature to make calls that require a sequence of numbers, such as a frequently used long distance card number. The following example shows how you can store each part of the long dialing sequence and use chain dialing to make a call through a long distance service provider:

<i>The Number For</i>	<i>Memory Location</i>
Long Distance Access Number	7
Authorization Code	8
Frequently called long distance number	9

Handset:

Make sure the phone is **ON**.

1. Press memory and then press 7.
2. When you hear the access tone, press memory and then press 8.
3. At the next access tone, press memory and then press 9.

Base:

Press the SPEAKER/CALLBACK button.

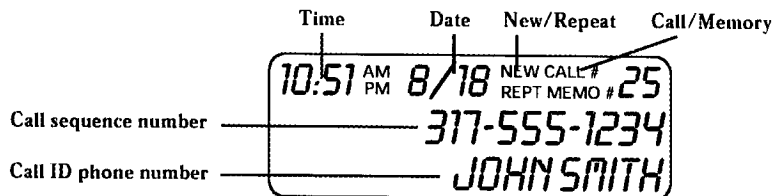
1. Press MEMORY and then press 7.
2. When you hear the access tone, press MEMORY and then press 8.
3. At the next access tone, press MEMORY and then 9.

TIP: Wait for the access tones before pressing the MEMORY button or your call might not go through.

CALLER ID (CID)

Caller ID (CID) is a service available from your local telephone company. For Caller ID to work on this system, you must subscribe to Caller ID service. To receive Caller ID information for a Call Waiting call, you must subscribe to the combined Call Waiting Caller ID service.

This telephone system receives and displays CID information transmitted by your local telephone company. This information can include the phone number, date and time; or the name, phone number, and date and time.



RECEIVING AND STORING CID RECORDS

When you receive a call, Caller ID information is transmitted by the phone company to your telephone between the first and second ring. The Caller ID information appears on your phone's display while the phone rings, giving you a chance to monitor the information and decide whether or not to answer.

If you are not at home or cannot answer, the telephone stores the information so that you can see who called while you were unavailable. Caller ID memory automatically stores the call number, date, time, phone number and name for the last 40 calls. If Caller ID memory is full, a new call record automatically replaces the oldest call record in memory.

At any time, you can review the stored information for the last 40 calls. Any calls received since your last review are marked as *NEW* in the display, to remind you to review them.

REVIEWING CALL RECORDS

As calls are received and stored, the display is updated to let you know how many calls have been received.

- Press the MESSAGES/CID up arrow (▲) button (base) or the cid/vol up arrow (▲) button (cordless handset) to review the oldest call records and scroll to newer records. When you reach the newest call, the display shows *END OF LIST*.

- Press the MESSAGES/CID down arrow (▼) button (base) or the cid/vol down arrow (▼) button (cordless handset) to review new call records and scroll to older call records. When you reach the oldest record, the display shows *END OF LIST*.

As you review call records, the display shows you the following information for each call:

- The telephone number of the caller.
- The numeric order of the call.
- The name of the caller, if available in your service area.

NOTE: If a name is received which exceeds 15 characters, the extra characters are displayed for 3 seconds.

- Time and date the call was received.
- *NEW* appears for all calls that have not been reviewed.

NOTE: Check with your local phone company regarding name service availability.

TRANSFERRING CID RECORDS TO MEMORY

You may transfer a Caller ID record to your phone's memory.

NOTE: It is important that you format CID records correctly before storing in memory. It is not possible to reformat CID records stored in memory.

1. Use the MESSAGES/CID (▲ or ▼) button (base) or cid/vol (▲ or ▼) button (cordless handset) to scroll to the desired record.
2. Press the memo (base) memory (cordless handset) button.
3. Press the desired memory location. Example, press the number 1 key to store the record in memory location 1. You will hear a confirmation tone.

DIALING A CALLER ID NUMBER

When reviewing any call record in the Caller ID memory, you can dial back the caller's number.

1. Make sure the phone is **OFF** (not in talk mode).

2. Press MESSAGES/CID (▲ or ▼) button (base) or cid/vol (▲ or ▼) button (cordless handset) until the desired call record is displayed.

Depending on (a) how the incoming caller's phone number is formatted when received, and (b) whether or not you pre-programmed your local area code into memory, you may need to adjust the format of the caller's phone number before dialing it back.

The format button lets you change the format of the displayed number. Available formats include:

<i>Number of digits</i>	<i>Explanation</i>	<i>Example</i>
Eleven digits	long distance code "1" + 3-digit area code + 7-digit telephone number.	1-317-888-8888
Ten digits	3-digit area code + 7-digit telephone number.	317-888-8888
Seven digits	7-digit telephone number.	888-8888

NOTE: If the phone company does not supply all ten digits of an incoming caller's number, you will not be allowed to adjust the format of that number.

Scroll to the number you want to call back:

3. If using the base or handset: press the MESSAGES/CID (▲ or ▼) button (base) or cid/vol (▲ or ▼) button (cordless handset).
4. If the number does not dial as shown, press the format button. Repeat if necessary, until the correct number of digits show in the display.
5. Press the TALK/callback button on handset or SPEAKER/CALLBACK button on base. The number dials automatically.

NOTES: If you find it necessary to dial all local calls with the area codes included press and hold flash/program until *SET AREA CODE* appears, then enter *000*.

If the number is corrupted, such as a number in a name or an alphabetical character in a number, an error tone comes from the handset and the number won't dial.

DELETING THE CURRENT CALLER ID RECORD

To delete only the record in the display:

1. Use the MESSAGES/CID (▲ or ▼) button (base) or cid/vol (▲ or ▼) button (cordless handset) to display the desired Caller ID record.
2. Press delete. The display asks *DELETE CALL ID?* for several seconds.
3. Press delete again, within ten seconds, to erase the record.

The display shows *DELETED*, confirming the deletion.

DELETING ALL CALLER ID RECORDS

To delete all the Caller ID records in memory:

1. Use the MESSAGES/CID (▲ or ▼) button (base) or cid/vol (▲ or ▼) button (cordless handset) to display any Caller ID record.
2. Press and hold delete. The display asks *DELETE ALL?* for several seconds.
3. Press delete again, within ten seconds, to erase all records. The display shows *NO CALLS*.

CALLER ID ERRORS

If there is an error in the transmission of information to your Caller ID phone, *ERROR* shows in the display.

If you have not subscribed to Caller ID service or it is not working, *NO DATA* shows in the display.

CALL WAITING CALLER ID

Provided you subscribe to Caller ID with Call Waiting service from your phone company, you may see who is calling when you hear the call waiting tone in the receiver. The CID information appears in the display after you hear the tone.

Press flash/program to put the current call on hold and answer the incoming call. Press flash/program again when you want to return to the first call.

IMPORTANT: In order to use all of the features of this unit, you must subscribe to either the standard Name/Number Caller ID Service or Call Waiting Caller ID Service. To know who is calling while you are on the phone, you must subscribe to Call Waiting Caller ID Service.

ANSWERING SYSTEM SET UP

This section shows you how to set up your answering system to receive incoming calls. Before you begin the setup, you must turn on the answering system.

- Press the answerer on/off button to turn the answering system on and off. The new messages/in use indicator turns on when you have new messages.

NOTE: The display shows "ANS.ON" or "ANS.OFF" to show the status of the answering system.

VOICE INSTRUCTIONS

If you need additional assistance, press the memo button on the base and follow the voice instructions.

ANSWERING SYSTEM OPERATION

RECORDING THE OUTGOING ANNOUNCEMENT

For best results when recording, you should be about nine inches from the microphone, and eliminate as much background noise as possible.

1. Make sure the answering system is **ON**.
2. Press and hold the GREETING button on the base while you record the announcement.
3. Begin speaking after you hear the beep.
4. Release the button after you finish your announcement.

If you choose not to record an outgoing announcement, the default announcement plays. To return to the default announcement after you have recorded your personal announcement, press and release the GREETING button on the base when you hear the beep.

Sample Outgoing Announcement

Hi, this is (use your name here), I can't answer the phone right now, so please leave your name, number and a brief message after the tone, and I'll get back to you. Thanks.

REVIEWING ANNOUNCEMENT

- Press and release the GREETING button to play your outgoing announcement.

MESSAGES INDICATOR

The base display shows you how many messages you have. The new message/in use indicator flashes to indicate you have new messages.

SCREENING CALLS FROM THE BASE

You can screen incoming calls by waiting for the caller to leave a message (to hear who it is), then pick up the handset, and press TALK/callback or the SPEAKER/CALLBACK button on the base to talk to the caller. The answering system automatically stops recording when you activate the handset or pick up an extension phone.

TIP: Make sure the volume on the base is set loud enough to hear incoming calls.

MESSAGE PLAYBACK

The base display lets you know when you have messages. To play messages, press the PLAY/STOP button on the base or handset.

While a message is playing, you can do the following:

- Press the PLAY/STOP button to stop the message playback.
- Press and release the MESSAGES/CID (▲) button to restart the current message; continue to press and release the MESSAGES/CID (▼) button to go to previous messages.
- Press and release the MESSAGES/CID (▼) button to go to the next message.
- Press the PLAY/STOP button to stop message playback.

MEMORY FULL

When the memory is full, the system answers after 10 rings. You should erase some messages so the answering system can record new messages.

ERASING MESSAGES

You may erase messages three ways: one message at a time using the DELETE button on the base; all previously played messages using the DELETE button on the base; or one message at a time using the erase button (the 0 key) on the handset or a phone in another location.

- **To erase a message that is playing**, press and release PLAY/STOP and then press and release DELETE on the base to erase the message.
- **To erase all previously played messages**, press and hold the DELETE button on the base until the unit beeps.
- **To erase a message from the handset:**
 1. Press the answer/format button on the handset.
 2. Press the PLAY/STOP button on the handset (the 2 key).
 3. Press erase on the handset (the 0 key) to erase the message that is playing.

NOTE: Erased messages cannot be restored. Also, be careful not to press the erase button as the next unheard message is playing because that message will also be erased.

LEAVING A MEMO

Use the Memo feature to leave a message.

1. Press and hold the MEMO button (base) down until you finish the message.
2. Begin speaking after you hear the beep.
3. Release the MEMO button after you are finished.

REMOTE ACCESS

This section explains two types of remote access: using the handset to access the answering system and accessing the answering system from another phone.

You may access the answering system on the base with the handset buttons.

You may also access your answering system from any touch-tone phone by entering a 3-digit security code after you hear the outgoing announcement. A voice menu system guides you through the steps.

USING THE HANDSET

Press the answer/format button to access the answering system.

After you access the answering system, use the marked handset keys just as if you were pressing the corresponding buttons on the base (see "Answering System Operation" for details on functions). To make it easy for you, the functions are listed on the handset above each number. For example, to play messages:

1. Press the answer/format button.
2. Press the 2 key (PLAY/STOP).
3. When you are finished listening to your messages, press answer/format again to quit, or you may listen to the voice menu at any time by pressing 7.

ANSWERING SYSTEM INDICATOR

The answering system is active when the answering system indicator turns on.

SCREENING CALLS FROM THE HANDSET

Use the handset to screen calls even when you can't hear the answering system.

When the answering system picks up:

1. Press the answer/format button to gain access to the answering system.
2. Listen to the caller leaving a message.
3. Press the TALK/CALLBACK button to speak to the caller, or press the answer/format button to stop screening the call.

MEMORY FULL

When the answering system's memory is full, the system answers after 10 rings, beeps, and waits for you to enter the 3-digit security code. You have 10 seconds to enter the security code before the phone hangs up.

You should erase some of the messages in order for the system to record incoming messages.

NOTE: The unit also answers after the 10th ring if it is turned off. To access the answering system, enter your 3-digit security code after you hear the beep.

ACCESSING THE ANSWERING SYSTEM FROM ANOTHER LOCATION

You can access your answering system from any touch-tone phone by entering your 3-digit security code after you hear the outgoing announcement.

1. Dial the phone number the answering system is connected to.
2. After the answering system answers, enter the security code after you hear the tone.
3. Follow the voice menu to use the answering system's remote functions.

The remote feature enables you to perform the following functions:

<i>To</i>	<i>Press this Button</i>
Review message	1
Play back messages	2
Stop message playback	2
Erase message	0 (during message playback)
Skip message	3
Turn off/on answering system	4
Review voice menu options	7

The base LCD display shows *REMOTE ACCESS ANSWERING CALL*.

TIP: You can bypass the outgoing announcement by pressing any numbered key on the touch-tone pad while the announcement is playing. Then, you can enter your security code to access the answering system.

CHANGING THE SECURITY CODE

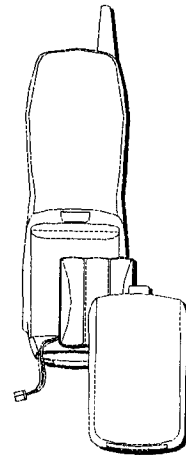
The default security code for accessing the answering system from another location is 1 2 3. You must use the handset to change the security code. With the phone off (not in TALK mode), follow these steps:

1. Press answer/format (the answering system indicator on the handset comes on).
2. Press the *TONE button.
3. Enter 3 numbers for the new security code.
4. Press *TONE again. You will hear a new security code.

CHANGING THE BATTERY

Make sure the telephone is **OFF** (not in TALK mode) before you replace battery.

1. Remove the battery compartment cover.
2. Disconnect the battery plug from the jack inside the battery compartment and remove the battery pack from the handset.
3. Insert the new battery pack and reconnect the battery plug to the jack inside the compartment.
4. Put the battery compartment cover back on.
5. Place handset in the base or charge cradle to charge. **If you don't charge the handset battery properly (for 12 hours) when you first set up the phone and/or when you install a new battery pack, the battery's long-term performance will be compromised.**



BATTERY SAFETY PRECAUTIONS

- Do not burn, disassemble, mutilate, or puncture. Like other batteries of this type, toxic materials could be released which can cause injury.
- Keep batteries out of the reach of children.
- Remove batteries if storing over 30 days.



CAUTION: To reduce the risk of fire or personal injury, use only the battery listed in the instruction book.

HEADSET AND BELT CLIP OPERATION

CONNECTING AN OPTIONAL HEADSET TO THE HANDSET

For hands free conversation, connect the headset (optional) to the HEADSET jack as shown. The handset receiver and microphone are disabled when the headset is connected.

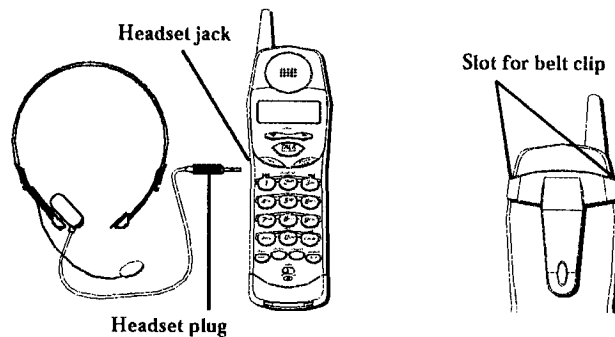
Adjust the headset to rest comfortably on top of your head and over your ear. Move the microphone to approximately 2 to 3 inches from your mouth.

- Press the talk/callback button to answer or place a call before using the headset.

CONNECTING THE BELT CLIP

There are two slots, one on each side of the handset.

- Attach the belt clip by inserting the sides of the belt clip into the slots. Snap the ends of the belt clip into place.



DISPLAY MESSAGES

The following indicators show the status of a message or of the unit.

ERROR	Caller information has been interrupted during transmission or the phone line is excessively noisy.
ENTER NAME locations.	Prompt telling you to enter the name in one of the 10 memory locations.
DELETE ALL?	Prompt asking if you want to erase all Caller ID records.
DELETE CALL ID?	Prompt asking if you want to erase the current Caller ID record that is shown on the display.
DELETE?	Prompt asking if you want to erase one of the 10 numbers stored in the phone's outgoing memory.
END OF LIST	Indicates that there is no additional information in Caller ID memory.
NEW	Indicates call or calls have not been reviewed.
UNKNOWN CALL	The incoming call is from an area not serviced by Caller ID or the information was not sent
PAGE YOU	Either the cordless handset or base is being paged.
LINK HANDSET FROM BASE?	Prompt asking if there is a need to re-register the cordless handset with the base or assign a new code for the system in case of lost link.
HOLD HANDSET # UNTIL BEEP	Instructs user to press and hold the # button on cordless handset long enough to hear the tone generated by the handset and base
PAGING	Someone has pressed the page/intercom button on the base or handset.
BLOCKED NUMBER	The person is calling from a number that has been blocked from transmission.
REPT	Repeat call message. Indicates that a new call from the same number was received more than once.
NO DATA	No Caller ID information was received.

HANDSET SOUND SIGNALS

<i>Signal</i>	<i>Meaning</i>
A long warbling tone (with ringer on)	Signals an incoming call
Three short beeps	Page signal
One short beep (every 7 seconds)	Low battery warning

TROUBLESHOOTING GUIDE

TELEPHONE

No dial tone

- Check and repeat installation steps:
 - Ensure the base power cord is connected to a working outlet .
 - Ensure the telephone line cord is connected to the base and the wall jack .
- Connect another phone to the same jack; if there is still no dial tone, the problem might be your wiring or local service.
- The cordless handset may be out of range of the base. Move closer to the base.
- Ensure the battery is properly charged (12 hours).
- Ensure the battery pack installed correctly.
- Did the handset beep when you pressed the TALK/CALLBACK button? The battery may need to be charged.
- Place handset in charge cradle for at least 20 seconds.

Dial tone is OK, but can't dial out

- Make sure the TONE/PULSE setting on the base is set to the type of phone service you are subscribed to.

Handset/Base does not ring

- Make sure the handset ringer switch is turned on and the base ringer is programmed to HI.
- The cordless handset may be out of range. Move closer to the base.
- You may have too many extension phones on your line. Try unplugging some phones.
- Check for dial tone. If no dial tone is heard, see No dial tone above.

You experience static, noise, or fading in and out

- Change channels.
- The cordless handset may be out of range of the base. Move closer to the base.
- Move closer to base (cordless handset might be out of range).
- Make sure base is not plugged into an outlet with another household appliance.
- Charge the battery.

Unit beeps

- Place the handset in the cradle for 20 seconds. If it still beeps, charge battery for 12 hours.
 - Clean charging contacts on cordless handset and charge cradle with a soft cloth, remove comma or an eraser.
 - See solutions for "No dial tone" on previous page.
 - Replace the battery.
-

Memory Dialing doesn't work

- Did you program the memory location keys correctly?
 - Did you follow proper dialing sequence?
-

Unit locks up and no communication between the base and cordless handset

- Unplug the AC power supply from the wall outlet and the back of the base. Remove the handset battery. Wait for 30 seconds and plug the power supply back into the base and wall outlet. Reconnect the battery and charge for 12 hours.
-

CALLER ID

No Display

- Is battery fully charged? Try replacing the battery.
 - Make sure that the unit is connected to a non-switched electrical outlet. Disconnect the AC power supply from the base and reconnect it.
-

Caller ID Error Message

- The unit displays this message if it detects anything other than valid Caller ID information during the silent period after the first ring. This message indicates the presence of noise on the line.
-

No Caller ID

- In order to receive Caller ID information, you must subscribe to the standard name/number Caller ID service from your local telephone company.
-

BATTERY

If you experience any of the following problems, even after fully recharging the battery, you may need to replace the battery pack:

- Short talk time
 - Poor sound quality
 - Limited range
-

GENERAL PRODUCT CARE

To keep your unit working and looking good, follow these guidelines:

- Avoid putting the phone near heating appliances and devices that generate electrical noise (for example, motors or fluorescent lamps).
- DO NOT expose to direct sunlight or moisture.
- Avoid dropping the handset, as well as other rough treatment to the phone.
- Clean the phone with a soft cloth.
- Never use a strong cleaning agent or abrasive powder because this will damage the finish.
- Retain the original packaging in case you need to ship the phone at a later date.
- Periodically clean the charge contacts on the handset and base with a clean pencil eraser.

CAUSES OF POOR RECEPTION

- Aluminum siding.
- Foil backing on insulation.
- Heating ducts and other metal construction that can shield radio signals.
- You're too close to appliances such as microwaves, stoves, computers, etc.
- Atmospheric conditions, such as strong storms.
- Base is installed in the basement or lower floor of the house.
- Base is plugged into AC outlet with other electronic devices.
- Baby monitor is using the same frequency.
- Handset battery is low.
- You're out of range of the base.

SERVICE

If trouble is experienced with this equipment, for repair or warranty information, please contact customer service at **1-800-448-0329**. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

This product may be serviced only by the manufacturer or its authorized service agents. Changes or modifications not expressly approved by ATLINKS USA, Inc. could void the user's authority to operate this product. For instructions on how to obtain service, refer to the warranty included in this guide or call customer service at **1-800-448-0329**.

Or refer inquiries to:
ATLINKS USA, Inc.
Manager, Consumer Relations
P O Box 1976
Indianapolis, IN 46206

Attach your sales receipt to the booklet for future reference or jot down the date this product was purchased or received as a gift. This information will be valuable if service should be required during the warranty period.

Purchase date _____

Name of store _____

INDEX

A

Accessing the Answering System from Another Location 35
Accessory Order Form 45
Answering a Call 15
Answering an Intercom Call 21
Answering System 19
Answering System Indicator 34
Answering System Operation 31
Answering System Set Up 31
Auto Standby 16

B

Base 17
Base Layout 7
Base Unit 16
Basic Operation 15
Battery 40
Battery Safety Precautions 37
Before You Begin 8

C

Call Timer 16
Call Waiting Caller ID 30
Caller ID 40
Caller ID (CID) 26
Caller ID Errors 30
Causes of Poor Reception 41
Chain Dialing from Memory 25
Changing the Battery 36
Changing the Security Code 36
Connecting an Optional Headset to the Handset 37
Connecting the AC (Electrical) Power 10
Connecting the Belt Clip 37
Connecting the Corded Handset 10
Connecting the Telephone Line 10

Corded Handset 19
Cordless Handset 19
Current Day/Time 13

D

Default Setting 14
Deleting All Caller ID Records 30
Deleting the Current Caller ID Record 30
Dialing a Caller ID Number 28
Dialing a Stored Number 24
Display Contrast 12
Display Messages 38

E

Equipment Approval Information 2
Erasing Messages 33

F

Flash 16

G

General Product Care 41

H

Handset 15, 16, 17
Handset and Charge Cradle Layout 7
Handset Sound Signals 39
Headset and Belt Clip Operation 37
Hearing Aid Compatibility (HAC) 2
Hold 17

I

Important Installation Guidelines 9
Important Installation Information 8
Inserting a Pause in the Dialing Sequence 24
Installing the Phone 9
Intercom Operation 20

Interference Information 2
Introduction 5

L

Language 11
Last Number Redial 17
Leaving a Memo 33
Limited Warranty 46
Local Area Code 12

M

Making a Call 15
Making a Call with Speakerphone 20
Making an Intercom Call 21
Manual Channel Selection 16
Memory 22
Memory Full 33, 35
Message Playback 32
Messages Indicator 32
Mute 18

P

Paging the Cordless Handset 18
Parts Checklist 8

R

Receiving a Call with Speakerphone 20
Receiving an Incoming Telephone Call
During an Intercom Call 21
Receiving and Storing CID Records 27
Recording the Outgoing
Announcement 31
Registration 14
Remote Access 34
Reviewing Announcement 32
Reviewing Call Records 27
Reviewing, Changing or Deleting Stored
Names/Numbers 24

Ring Select 13
Ringer Level 12
Ringer Volume Switch 16

S

Screening Calls from the Base 32
Screening Calls from the Handset 34
Service 42
Speakerphone 15, 19
Speakerphone Operation 19
Storing a Name and Number
in Memory 23
Storing a Redial Number 23
Switching Between Speakerphone and
Handset 20

T

Telephone 39
Telephone Jack Requirements 8
Telephone Set Up 11
Temporary Tone Dialing 18
Three-Way Intercom Calls 22
Tone/Pulse 13
Transferring CID Records to Memory 28
Troubleshooting Guide 39
Two-Way Intercom Calls 22

U

Using Intercom with a Telephone Call 21
Using the Handset 34

V

Voice Instructions 31
Volume 19

W

Wall Mounting the Base 10

CUSTOMER: CUT ALONG DOTTED LINE. ✂

ACCESSORY ORDER FORM

DESCRIPTION	CATALOG NUMBER	PRICE*	QUANTITY	TOTAL
	BLACK	WHITE		
AC power adapter	5-2521	\$18.35		
Belt Clip	5-2560	\$8.75		
Headset	5-0880	\$36.35		
Replacement Handset Battery	5-2459	\$11.90		

To order, call **1-800-338-0376** (for accessories only) or complete this order form.

For credit card purchases

Your complete charge card number, its expiration date and your signature are necessary to process all charge card orders.

Copy your complete account number from your VISA card.

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

My card expires:

<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------

Copy your complete account number from your Master Card or Discover.

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

Copy the number above your name on the Master Card

<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------

My card expires:

<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------

Authorized Signature

Please make sure that this form has been filled out completely.

*Prices are subject to change without notice.
 Total Merchandise.....\$ _____
 Sales Tax.....\$ _____

We are required by law to collect the appropriate sales tax for each individual state, county, and locality to which the merchandise is being sent. Duties will apply for shipments to Canada.

Use VISA or Master Card or Discover preferably. Money order or check must be in U.S. currency only. No COD or Cash. All accessories are subject to availability. Where applicable, we will ship a superseding model.

Shipping/Handling.....\$ **\$5.00**
 Total Amount Enclosed.....\$ _____

Mail order form and money order or check (in U.S. currency) made payable to Thomson to:

Thomson
 Mail Order Department
 P.O. Box 8419
 Ronks, PA 17573-8419

Name _____
 Address _____ Apt. _____
 City _____ State _____ ZIP _____
 Daytime Phone Number () _____

LIMITED WARRANTY

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- One year, from date of purchase.

(The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.)

What we will do:

- Provide you with a new or, at our option, a refurbished unit. The exchange unit is under warranty for the remainder of the original product's warranty period.

How you get service:

- Properly pack your unit. Include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing materials.
- "Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period, must be presented to obtain warranty service." For rental firms, proof of first rental is also required. Also print your name and address and a description of the defect. Send via standard UPS or its equivalent to:

ATLINKS USA, Inc.
c/o Thomson
11721 B Alameda Ave.
Socorro, Texas 78927

- Pay any charges billed to you by the Exchange Center for service not covered by the warranty.
- Insure your shipment for loss or damage. ATLINKS accepts no liability in case of damage or loss.
- A new or refurbished unit will be shipped to you freight prepaid.

What your warranty *does not* cover:

- Customer instruction. (Your Owner's Manual provides information regarding operating instructions and user controls. Any additional information, should be obtained from your dealer.)
- Installation and setup service adjustments.
- Batteries
- Damage from misuse or neglect.
- Products which have been modified or incorporated into other products.
- Products purchased or serviced outside the USA.
- Acts of nature, such as but not limited to lightning damage.

Product Registration:

- Please complete and mail the Product Registration Card packed with your unit. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

- THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY ATLINKS USA, INC., ITS AGENTS, OR EMPLOYEES SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.
- REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. ATLINKS USA, INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

How state law relates to this warranty:

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the USA:

- This warranty does not apply. Contact your dealer for warranty information.

Model 27958
15969160 (Rev. 0 E/S)
02-50
Printed in China

ATLINKS USA, Inc.
101 West 103rd Street
Indianapolis, IN 46290
© 2002 ATLINKS USA, Inc.
Trademark(s) ® Registered
Marca(s) Registrada(s)