



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 F 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 000-00345-4 when ordering copies.

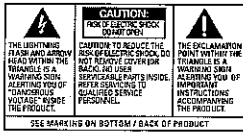
LICENSING

Licensed under US Patent 6,427,009.

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



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

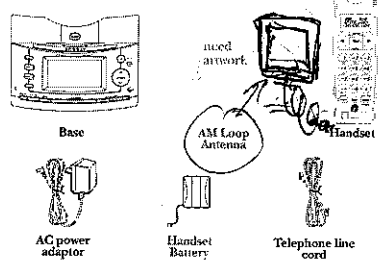
CAUTION: FOR ELECTRICAL SHOCK, DO NOT TOUCH THE HEAD WHEN THE LIGHTS ARE ON. THE HEAD WILL BECOME VERY HOT. TO PREVENT BURNS, DO NOT TOUCH THE HEAD WHEN THE LIGHTS ARE ON. ALWAYS USE THE QUALIFIED SERVICE PERSONNEL.

THE EXPLANATION POINT TO THE TRIMBLE IS A HAZARDOUS ALTERNATE YOU OF THE INSTRUCTIONS ACCORDING TO THE PRODUCT.

BEFORE YOU BEGIN

PARTS CHECKLIST

Make sure your package includes the following items:



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.



DIGITAL SECURITY SYSTEM

Your cordless phone uses a digital security system to protect against false ringing, unauthorized access, and charges to your phone line.

When you place the handset in the base, the unit verifies its security code. After a power outage or battery replacement, you should place the handset in the base for about 20 seconds to reset the code.

INSTALLATION NOTE: Some cordless telephones operate at frequencies that may cause or receive interference with 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 oven, or VCR. If such interference continues, move the cordless telephones 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 systems, wireless computer networks, multi-handset cordless telephone systems, and some long-range cordless telephone systems.

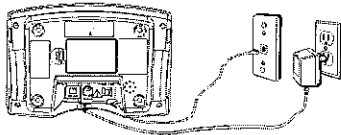
IMPORTANT INSTALLATION INFORMATION

- 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 uninsulated 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 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



CONNECTING THE TELEPHONE LINE

Choose the best location to install your telephone. Your telephone should be placed on a level surface, such as a desk or table top.

1. Plug one end of the straight telephone line cord into the PHONE LINE jack on the base.
2. Plug the other end into a wall jack.
3. Set the DISPLAY BRIGHTNESS switch on the back of the base to the desired setting.
4. Set the RINGER switch on the handset to ON and place the handset in the cradle on the base.

CONNECTING THE ELECTRICAL POWER

1. Plug one end of the power adaptor cord into the bottom of the base.
2. Plug the other end into an electrical outlet.

CAUTION: Use only the ATLINKS USA 5-2705 power adaptor that came with this unit. Using other power adaptors may damage the unit.

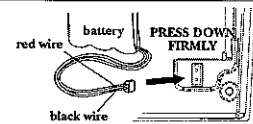
INSTALLING THE HANDSET BATTERY

NOTE: You must connect the handset battery before use.

1. Locate battery and battery door which are packaged together inside a plastic bag and are separate from the handset.
2. Locate the battery compartment on the back of the handset.

3. Plug the battery pack cord into the jack inside the compartment.

NOTE: It is important to maintain the polarity (black and red wires) to the jack inside the compartment. To ensure proper battery installation, the connector is keyed and can be inserted only one way.



4. Insert the battery pack.
5. Close the battery compartment by pushing the door up until it snaps into place.
6. Place the handset in the charging cradle.

NOTE: The lit use/charge indicator (on the base) turns on when the handset is on the cradle, to signal the battery is charging.

CAUTION: To reduce the risk of fire or personal injury, use only the ATLINKS, Inc. Nickel-metal Hydride battery model 5-2459 listed in the user's guide.

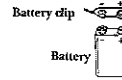
"NO WORRY" BATTERY BACKUP

This telephone is equipped with a memory holding system powered by a customer-installed 9-volt alkaline battery (not included).

When electrical power is interrupted, or the electrical line is unplugged, the battery operates the clock to retain the time of day and alarm settings in memory. When the unit is running on battery power, the digital display does not light up; however, if wake time occurs during the power interruption, the alarm buzzer sounds (regardless of the type of alarm tone selected) if remaining battery power is adequate. Normal operation resumes after electrical power is restored.

Install the backup battery as follows:

1. Remove the battery compartment cover located on the bottom of the base.
2. Connect a fresh 9-volt alkaline battery (not included). Interlock the large and small contacts on the battery clip and the battery. Once connected, place the battery inside the battery compartment.
3. Replace the battery compartment cover.

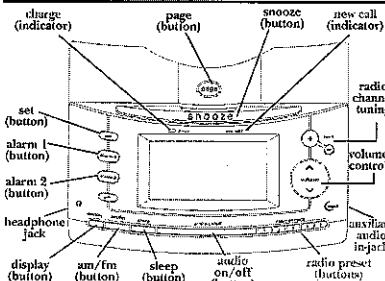


NOTE: Alkaline (NEDA 1604A) batteries are recommended. Carbon-zinc (NEDA 1604) batteries may be used but memory holding time will be substantially reduced. Memory holding time for a fresh alkaline battery is approximately 3 months. If Wake System is not activated, which should take care of short, nuisance-type AC power failures. To preserve battery life, the phone should remain plugged into an AC electrical outlet. As the battery gets older, its voltage drops and memory may be lost. Be sure to replace the battery periodically. A backup battery is not included with this telephone.

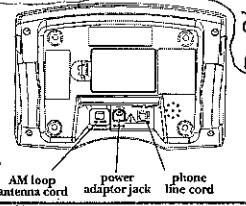
- NOTE:** If battery is not installed:
- a) All memory will be lost if the unit is unplugged for more than 60 seconds.
 - b) The clock will stop running during a power outage period but will start running when power resumes. The clock will blink to indicate that the time may not be correct.

IMPORTANT: If storing this unit for more than 30 days, remove the battery.

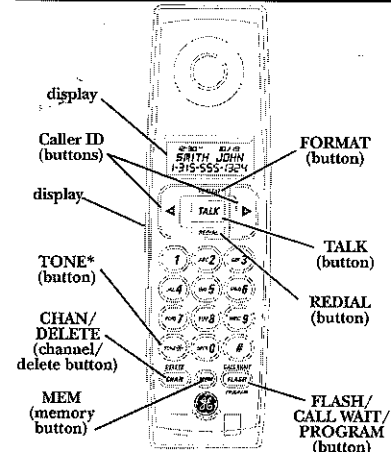
BASE LAYOUT



Note: In order to receive the AM Radio, the loop antenna should be plugged into the unit.



HANDESET LAYOUT



BASE SETUP

REAL TIME

NOTE: The telephone company sends the current time and date with the Caller ID (CID) information. If you don't manually set the clock time, the unit automatically sets the time and date when the first call is received.

NOTE: Press the set button at any time to skip to the next step or step or press the off button to exit to the main menu.

1. Press and release the set button until REAL TIME shows in the display.
2. Use the radio tuning + or - buttons to set the time of day.
3. Press the set button to save. CLK: >AUTO MANU shows in the display.

CLOCK AUTO UPDATE

If you have manually set the clock, the automatic clock update feature is disabled. To reset the unit so that the clock will be updated at the next incoming call:

1. Use the radio tuning + or - buttons to select AUTO or MANU.
2. Press the set button to save and the unit returns to the main menu.

DISPLAY BACKLIGHT

Use the DISPLAY BRIGHTNESS switch on the back of the base to adjust the display brightness. Settings are Hi, Med, Lo or Off.

NOTE: The unit must be connected to an electrical outlet to adjust display brightness.

TELEPHONE SETUP

PROGRAMMABLE MENUS

There are five programmable menus available: Language, Local Area Code, Ring Tone, Tone/Pulse and Factory Default. When you program these settings, make sure the phone is OFF (not in talk mode). Pressing the TONE*text button will remove you from the menu selection process without changing the feature you are in.

DISPLAY LANGUAGE

Press the FLASH/ CALL WAIT/ PROGRAM button until JENG 2FRA ESP shows in the display.

2. Use the CID/VOL (left or right arrow) button or the handset number pad to select 1 (English), 2 (French), or 3 (Spanish). The default setting is *“1ENG”*.

3. Press the FLASH/CALL WAIT/PROGRAM button to confirm and to advance to the next menu feature.

LOCAL AREA CODE

If you enter your local 3-digit area code in the area code menu, your local area code does not display on the Caller ID (CID) list. Instead, you only see the local 7-digit number. Calls received from outside your local area code will display the full 10-digit number.

1. Press the FLASH/CALL WAIT/PROGRAM button until *AREA CODE* --- shows in the display. The default setting is “---”.

2. Use the handset number pad to enter your 3-digit area code.

NOTE: If you make a mistake, press the CHAN/DELETE button to erase the incorrect area code and repeat step 2.

3. Press the FLASH/CALL WAIT/PROGRAM button to confirm and to advance to the next menu feature.

RINGER TONE

1. Press the FLASH/CALL WAIT/PROGRAM button until *RINGERTONE* shows in the display.

2. Use the CID/VOL (left or right arrow) button or the handset number pad (1-3) to enter your selection from Ringer Tone 1, 2, or 3. The default setting is *“RINGER TONE 1”*.

3. Press the FLASH/CALL WAIT/PROGRAM button to confirm and to advance to the next menu feature.

TONE/PULSE

1. Press the FLASH/CALL WAIT/PROGRAM button until *1TONE 2 PULSE* shows in the display.

2. Use the CID/VOL (left or right arrow) button or the handset number pad to enter your selection. The default setting is *“1TONE”*.

3. Press the FLASH/CALL WAIT/PROGRAM button to confirm and to advance to the next menu feature.

FACTORY DEFAULT

This feature allows you to restore the unit’s original features.

1. Press the FLASH/CALL WAIT/PROGRAM button until *DEFAULT* shows in the display.

2. Use the CID/VOL (left or right arrow) button to scroll to YES. The default setting is *“NO”*.

3. Press FLASH/CALL WAIT/PROGRAM to confirm. You will hear a confirmation tone.

ALARM OPERATION

The **27980** is equipped with two alarms. The alarms can be set independently to either radio or buzzer.

SETTING THE ALARM TIME

1. Press **and hold the alarm 1 or alarm 2 button for two seconds**.

2. Press the **set** button.

3. Use the **radio tuning + or - buttons** to set the wake time. Press and hold for **1 second** to quickly increase or decrease the time setting in **30** minute increments.

4. Press **the set button** to confirm **and return to idle mode**.

SET ALARM TONE

1. Press **and hold the alarm 1 or alarm 2 button for two seconds** to review the setting.

2. Press and release the desired **alarm** button to choose radio, buzzer, or off.

3. A music note icon on the display indicates that the alarm is set to radio, a bell icon indicates that the alarm is set to buzzer. **Press set to confirm and ALARM 1 (or 2) LENGTH** shows in the display.

SET ALARM LENGTH

1. Press the **radio tuning + or - buttons** to set the length time.

2. Press **set** to confirm. The display shows **ALARM 1 (or 2), or if in Radio Alarm mode** the most recent tuned channel.

SET RADIO ALARM PRESET CHANNEL.

1. Press the **radio tuning + or - buttons** to scroll through the preset (1-5) channels to select a channel for the alarm. The frequency shows on the display. If no radio preset button is pressed, the channel for the alarm will be the most recent tuned channel.

2. Press **the set button** to confirm. **ALARM 1 (or 2) VOL = XX** shows on the display, **XX** is the most recent selected volume level.

SET ALARM VOLUME

1. Press **volume up or down button** to select desired volume level.

2. Press **the set button** to confirm **and unit will return to idle model**.

TURNING OFF THE ALARMS

To turn off an alarm, press the **ALARM OFF, alarm 1, or alarm 2** buttons. The alarm setting is retained and comes on the next day.

SNOOZE TIMER

After the wake mode is activated, you can silence it by pressing the snooze button. You may use the snooze feature repeatedly.

SETTING THE SNOOZE TIMER

1. Press and release the **set** button.

2. Press and release the snooze button. *SNOOZE TIME* shows in the display.

3. Press and release the **radio tuning + or - buttons** to set the snooze time in 1 minute increments or press and hold to scroll quickly. (The default is 9 minutes.)

4. Press **the set button** to confirm.

USING THE SLEEP TIMER

Use the sleep timer to play the radio for a desired amount of time (increments of 15 minutes up to two hours), and then have it shut off automatically. The default sleep time is 59 minutes.

1. Press the **sleep** button repeatedly to select the desired sleep timer setting. Each press of the button will decrease the setting by 15 minutes.

2. The radio turns on automatically and the timer starts after you’ve selected the desired setting.

NOTE: To review the current sleep timer setting, press and release **the sleep button**.

3. To cancel the sleep timer and turn the radio off, press snooze or **audio on/off**.

RADIO OPERATION

1. Press and release the **audio on/off** button to turn the radio on.

2. Press the **am/fm** button to the select the desired broadcast band.

3. **Press** the tuning **button** to select a radio station / frequency.

4. **Press** the volume **control** to adjust the listening level.

5. To turn the radio off, press and release **audio on/off**.

NOTE: You can also turn on the radio after lifting up the handset by pressing the **audio on/off** button.

PROGRAMMING PRESET CHANNELS

1. Repeat steps 2 and 3 above.

2. **Press and hold a preset channel button (1, 2, 3, 4, or 5) until you hear a beep.** The station’s frequency shows in the display and is stored on that channel. The default channel is FM 100.9MHZ / AM 520.

3. If desired, repeat step 1 and 2 until all preset channels are programmed.

BUILT-IN AFC

The built-in Automatic Frequency Control (AFC) works only on FM mode. It helps keep the radio locked onto the FM stations/frequencies.

FM stereo is a built in function.

AM ANTENNA

If you want to listen to an AM frequency radio channel, you may need to connect the AM loop antenna to the jack on the back of the unit.

FM ANTENNA

The power cord acts as your FM antenna. The power cord picks up moderate to strong signals and eliminates the need for an external antenna in most strong signal areas. Be sure the power cord is stretched to its longest length. Do not coil or bunch the cord together. Changing position of the power cord may improve reception.

HEADPHONE OUTPUT

If the headphone jack is inserted into the headphone output jack on the base unit, the speaker output will be automatically switched to the headphone terminal.

AUXILIARY AUDIO-IN JACK

When the audio on/off button is turned on and an auxiliary audio-in jack is inserted from an external audio source, the unit automatically switches from broadcast to the external source and *AUXILIARY AUDIO* shows on the display.

When the auxiliary audio-in jack is removed from the unit, the unit will automatically switch off and return to stand-by mode.

TELEPHONE OPERATION

MAKING A CALL

1. Press the TALK button and dial the desired number.

-OR-

To perform preview dial, dial the number first then press the TALK button.

2. To hang up, press the TALK button or place the handset in the base cradle.

IMPORTANT: Because cordless phones operate on electricity, you should have at least one phone in your home that isn’t cordless, in case the power in your home goes out.

REDIAL

Press the REDIAL button to quickly dial the last number you called (up to 32 digits).

If you get a busy signal, and want to keep dialing the number, press REDIAL to dial the number again.

RECEIVING A CALL

1. To answer a call press the TALK button on the handset before you begin speaking.

2. To hang up, press the TALK button or place the handset in the base cradle.

FLASH

If you subscribe to the combined Call Waiting Caller ID service from your local telephone company you will receive Caller ID information (if available) on Call Waiting calls. During a phone call, you will hear a beep to indicate another call is waiting on the line and Caller ID information for the waiting call shows on the handset display. To connect the waiting call, press the FLASH/CALL WAIT/PROGRAM button on the handset and your original call is put on hold. You may switch back and forth between the two calls by pressing the FLASH/CALL WAIT/PROGRAM button.

TIP: Do not use the TALK button to activate custom calling services such as call waiting, or you’ll hang up the phone.

VOLUME

When the phone is **ON**, press the CID/VOL (**◀ or ▶**) on the handset to adjust the volume of the handset’s earpiece. There are four settings. Press the right arrow to increase the volume and left arrow to decrease the volume. You will see the volume setting on the handset display. VOL 4 is the maximum and VOL 1 is the minimum.

CHANNEL BUTTON

While talking on the phone, you might need to manually change the channel in order to reduce static caused by appliances, such as baby monitors, garage door openers, microwave ovens, or other cordless phones. Press and release the CHAN/DELETE button to move to the next clear channel.

TEMPORARY TONE

This feature is useful only if you have pulse (rotary) service. Temporary Tone Dialing enables pulse (rotary) service phone users to access touchtone services offered by banks, credit card companies, etc. For example, when you call your bank you may need to enter your bank account number. Temporarily switching to touchtone mode allows you to send your number.

1. Dial the telephone number and wait for the line to connect.

2. When your call is answered, press the TONE* button on the handset 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.

EXIT

Press the TONE* button to cancel any command you initiated.

RINGER SWITCH

The RINGER switch must be ON for the handset to ring during incoming calls.

PAGING THE HANDSET

This feature helps to locate a misplaced handset.

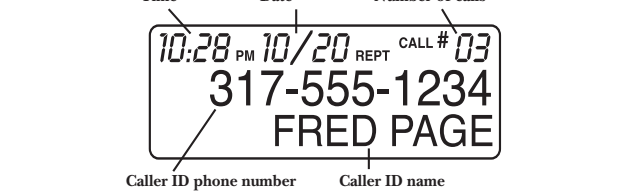
Press the page button on the base. The handset will beep for about two minutes or until you press TALK on the handset or press the page button on the base.

NOTE: You can still page the handset if the ringer is turned off. If the battery is dead, the Paging feature will not work.

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 Caller ID Call Waiting service. The unit can store up to 40 calls for later review.

When your telephone rings, and you are subscribed to Caller ID Call Waiting service, you will receive information (if available) transmitted by your local telephone company. You will also receive Caller ID information from Call Waiting calls. If you receive an incoming call and you are already on the phone, a beep indicates the presence of a Call Waiting Call on the line, and Caller ID information for the Call Waiting call shows on the display. This information may include the phone number, date and time; or the name, phone number, and date and time.



SUMMARY SCREEN

The summary screen (display) shows the current time, current date and number of new calls to be reviewed. It is displayed until any button is pressed. Within 60 seconds of receiving a new call, the summary screen is displayed and the NEW CALL indicator comes on.

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

RECEIVING AND STORING CALLS

When you receive a call, the information is transmitted by the phone company to your Caller ID telephone between the first and second ring.

VERY IMPORTANT: The Caller ID feature of this product requires a subscription to Caller ID service from your telephone company.

When the phone’s memory is full, a new call automatically replaces the oldest call in memory. NEW appears in the display for calls received that have not been reviewed.

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

REVIEWING CALLER ID RECORDS

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

• Make sure the phone is **OFF** (not in TALK mode).

• Press the CID/VOL (**◀**) button to scroll through the call records from the most recent to the oldest.

• Press the CID/VOL (**▶**) button to scroll through the call records from the oldest to the newest.

DELETING THE CURRENT RECORD

1. When the Caller ID record shows in the display, press and release the CHAN/delete button. The display shows *DELETE CALL ID?*

2. Press CHAN/delete button again to confirm. You will hear a confirmation tone, the display shows *DELETED*, then the next Caller ID record appears in the display.

DELETING ALL RECORDS

1. Press the CID/VOL (**◀ or ▶**) button until a Caller ID record is displayed.

2. Press and hold CHAN/delete until unit beeps. The display shows *DELETE ALL?*

3. Press CHAN/delete again to erase all records. You will hear a confirmation tone, and the display shows *NO CALLS*.

STORING CALLER ID RECORDS IN MEMORY

NOTE: Caller ID record should be in correct format for dialing as record cannot be changed once it is stored in memory location.

1. Press the CID/VOL (**◀ or ▶**) button until the desired Caller ID record is displayed.

2. Press the MEMORY button.

3. Press a number (0-9) to store the dialed number in that memory location. You will hear a confirmation tone. Example, press the number 1 key to store the record in memory location 1.

TO REPLACE AN OLD MEMORY WITH A NEW CALLER ID RECORD

1. Repeat steps 1 through 3 in Storing Caller ID Records to Memory. After entering the memory location, *REPLACE MEMO?* shows in the display.

2. Press the MEMORY button again, and the new Caller ID record replaces the old memory in that location. You will hear a confirmation tone.

DIALING A CALLER ID NUMBER

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

2. Use the CID/VOL (**◀ or ▶**) button to display the desired Caller ID record.

3. Press the TALK/call back button to dial the number.

CHANGING THE NUMBER FORMAT

The FORMAT button lets you change the format of the displayed number.

The available formats are as follows.

7-digit 7-digit telephone number.

10-digit 3-digit area code + 7-digit telephone number.

11-digit long distance code “1” + 3-digit area code + 7-digit telephone number.

1. Use the CID/VOL (**◀ or ▶**) button to scroll to the number you want to call back.

2. If the number does not dial as shown, press the FORMAT button. Repeat if necessary, until the correct number of digits shows in the display.

3. Press the TALK/call back button.

MEMORY

Store up to ten 24-digit numbers in memory for quick dialing. This memory feature is in addition to the 40 Caller ID records that can be stored in memory.

STORING A NAME AND NUMBER IN MEMORY

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

2. Press the MEMORY button.

3. Press a number (0-9) to store the dialed number in that memory location. If the memory location is occupied, the memory location and stored name and number appear on the screen.

NOTE: If the memory location is empty, *EMPTY* appears in the display.

4. Press the MEMORY button again. The display shows *ENTER NAME*.

NOTE: If you don’t want to enter the name, skip step 5.

5. Use the handset number keypad 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 l. Press the 5 key 3 times for the letter L, and wait for 1 second. 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 l; press the 8 key for the letter T; press the 4 key twice for the letter H.

6. Press the MEMORY button again to save the name. The display shows *ENTER TEL NUMBR*.

7. Use the handset number keypad to enter the telephone number (up to 24 digits, including pauses) and press the MEMORY button again to save the number. The unit beeps to confirm.

8. To enter another name and number in a different memory location, return to step 1 and repeat the process.

STORING A REDIAL NUMBER

1. Repeat steps 1 through 6 in Storing a Name and Number in Memory.

2. Press the REDIAL button.

3. Press the MEMORY button to store the number. You will hear a confirmation tone.

TO REPLACE AN OLD MEMORY WITH A NEW REDIAL NUMBER

1. Repeat steps 1 through 6 in Storing a Name and Number in Memory.

2. Press the REDIAL button.

3. Press the MEMORY button, and *REPLACE MEMO?* shows in the display.

4. Press the MEMORY button to replace the old memory with the new redial number. You will hear a confirmation tone.

CHANGING A STORED NUMBER

- Repeat steps 1 through 7 in Storing a Name and Number in Memory. *REPLACE MEMO?* shows in the display.
- Press the MEMORY button to store the number. You will hear a confirmation tone.

DIALING A STORED NUMBER

- Make sure the phone is **ON** by pressing the TALK/call back button.
- Press the MEMORY button.
- Press the number (0-9) for the desired memory location. The number dials automatically.

-OR-

- Make sure the phone is **OFF** (not in TALK mode).
- Press the MEMORY button.
- Use the CID/VOL (◀ or ▶) button to scroll through the numbers stored in memory until the desired number is shown.
- Press TALK/call back. The number dials automatically.

CHAIN DIALING FROM MEMORY

Use this feature to make calls which require a sequence of numbers, such as using a calling card for a frequently called long distance number. You simply dial each part of the number sequence from memory. The following example shows how you can use chain dialing to make a call through a long distance service:

<i>The Number For Location</i>	<i>Memory</i>
Long distance access number	7
Authorization code	8
Frequently called long distance number	9

- Make sure the phone is **ON** by pressing the TALK/call back button.
- Press the MEMORY button and then press the 7 key.
- When you hear the access tone, press MEMORY again and then press the 8 key.
- At the next access tone, press MEMORY and then the 9 key.

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

INSERTING A PAUSE IN THE DIALING SEQUENCE

Press **and hold** the # PAUSE button **for two seconds** to insert a delay in the dialing sequence of a stored telephone number. A pause is needed to wait for a dial tone (for example after you dial 9 for an outside line, or to wait for a computer access tone). PAUSE shows on the display as a P . Each pause counts as 1 digit in the dialing sequence. If you need a longer pause, press **and hold** the #PAUSE button **for two seconds, release and repeat**.

REVIEWING AND DELETING STORED NUMBERS

- Press the MEMORY button.
- Use the CID/VOL (◀ or ▶) button to scroll to the desired memory location or press the desired memory location (0-9).
- While the entry is displayed, press the CHAN/delete button to delete the entry. The display shows *DELETE?*
- Press CHAN/delete again to confirm. The display shows *DELETED*. You will hear a confirmation tone.

CHANGING THE BATTERY

Make sure the telephone is **OFF** before you replace battery.

- Remove the battery compartment door.
- Disconnect the battery plug from the jack inside the battery compartment and remove the battery pack from the handset.
- Insert the new battery pack and connect the battery plug to the jack inside the handset battery compartment.
- Put the battery compartment door back on.
- Place handset in the base to charge.
- Allow the handset battery to properly charge (for 16 hours) prior to first use or when you install a new battery pack. If you do not properly charge the phone, battery performance will be compromised.

CAUTION: To reduce the risk of fire or personal injury, use only the battery listed in the user's guide.

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.
- To reduce the risk of fire or personal injury, use only the battery listed in the User's Guide.
- Keep batteries out of the reach of children.
- Remove batteries if storing over 30 days.

GENERAL PRODUCT CARE

To keep your telephone 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 unit and other rough treatment.
- Clean 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 soft cloth.

HANDSET SOUND SIGNALS

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

DISPLAY AND CALLER ID MESSAGES

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

BLOCKED CALL	The person is calling from a number that has been blocked from transmission.
BLOCKED NAME	The persons name is blocked from transmission.
BLOCKED NUMBER	The person is calling from a number that has been blocked from transmission.
CALL WAITING	Indicates a call is waiting on the line.
DELETE ALL?	Prompt asking if you want to erase all Caller ID records.
DELETE CALL ID?	Prompt asking if you want to erase a Caller ID record.
DELETED	Prompt confirming the Caller ID record is erased.
EMPTY	Indicates a memory location is vacant.
END OF LIST	Indicates that there is no additional information in Caller ID memory.
ENTER NAME	Prompt telling you to enter the name for one of the 10 memory locations.
ENTER TEL NUMBR	Prompt telling you to enter the telephone number for one of the 10 memory locations.
INCOMPLETE DATA	Caller information has been interrupted during transmission or the phone line is excessively noisy.
LOW BATTERY	Indicates the battery pack needs charged.
NEW	Indicates call or calls have not been reviewed.
NO CALLS	Indicates no calls have been received.
NO DATA	No Caller ID information was received.
PAGING	The PAGE button has been pressed on the base.
PRESS TALK KEY	Indicates the CID number is a Direct Dial Number (DDN) and cannot be formatted.
REPT	Repeat call message. Indicates that a new call from the same number was received more than once.
UNKNOWN NAME/ CALLER/NUMBER	The incoming call is from an area not serviced by Caller ID or the information was not sent.

TROUBLESHOOT ING GUIDE

CORDLESS PHONE SOLUTIONS

No dial tone	
• Check installation:	Make sure the base power cord is connected to a working electrical outlet.
	Make sure the telephone line cord is connected to the base unit and the wall phone jack.
• Connect another phone to the same modular jack; if the second phone doesn't work, the problem might be with your wiring or local service.	
• The handset may be out of range of the base. Move closer to the base.	
• Make sure the battery is properly charged (for 12 hours).	
• Ensure the battery pack is installed correctly.	
• Did the handset beep when you pressed the TALK/call back button? Did the charge/in use indicator come on?The battery may need to be charged.	
• Place the handset in the base for at least 20 seconds.	

Handset does not ring

- Make sure the RINGER switch on the handset is turned ON.
- Move closer to the base. The handset may be out of range.
- You may have too many extension phones on your line. Try unplugging some phones.
- Check for a dial tone.

You experience static, noise, or fading in and out

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

Unit beeps	
• Place handset in base for 20 seconds; if it still beeps, charge battery for 16 hours.	
• Clean the charging contacts on handset and base with a soft cloth.	
• See solutions for “No dial tone.”	
• Replace the battery.	

Memory Dialing doesn't work

- Make sure you programmed the memory location keys correctly.
- Did you follow proper dialing sequence?

Phone dials in pulse with tone service	
• Make sure phone is in tone dialing mode.	
Phone won't dial out with pulse service	
• Make sure phone is in pulse dialing mode.	

CALLER ID SOLUTIONS

No Display	
• The battery must be fully charged. Try replacing the battery.	
• Make sure that the unit is connected to a non-switched electrical outlet. Disconnect the unit from the wall and plug it in again.	
• You must be subscribed to Caller ID service from your local telephone company in order to receive Caller ID records.	

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 either the presence of noise on the line, or that an invalid message has been sent from the telephone company.

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.
- Microwave oven is using the same frequency.

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 bevaluable if service should be required during the warranty period.

Purchase date _____
Name of store _____

FCC REQUIPMENT

- Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- Privacy of Communications may not be ensured when using this phone.

IC REQUIPMENT

- The term"IC: " before the radio certification number only signifies that Industry Canada Technical specifications were met. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

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 79927**

- 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 GUARANTY 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.