

Model 27902 2.4 GHz Cordless Telephone System User's Guide



from 28111

adapted from VD

from 29273

revision based on standard
text

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.

US Number is located on the cabinet bottom.

REN Number is located on the cabinet bottom.

Model 27902
00016676 (Rev. 0 Dom E)
06-35
Printed in China



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Indianapolis, IN 46290-1024
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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.

Privacy of Communications may not be ensured when using this product.

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.

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

HEARING AID COMPATIBILITY (HAC)

This telephone system meets FCC standards for Hearing Aid Compatibility.

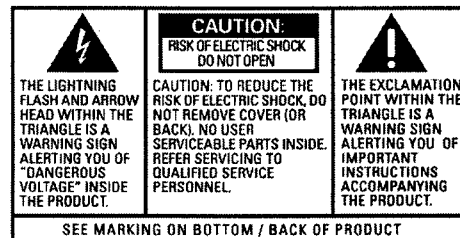
LICENSING

Licensed under US Patent 6,427,009.

FCC RF RADIATION EXPOSURE STATEMENT

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter."

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



SEE MARKING ON BOTTOM / BACK OF PRODUCT

FCC ID: G9H2-7903A
Marstech Report No. 26224D/26226D
EXHIBIT B(1)-2 [27902XX1-A]

INTRODUCTION

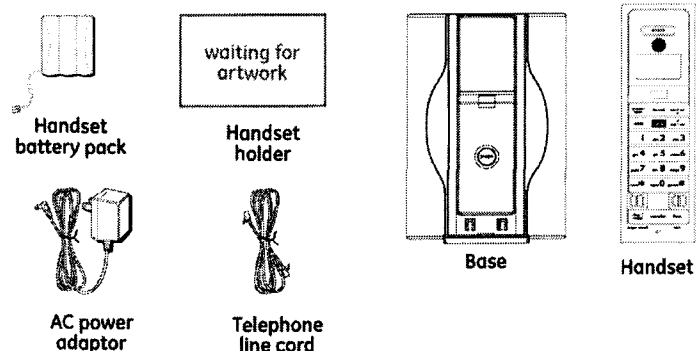
CAUTION: When using telephone equipment, there are basic safety instructions that should always be followed. Refer to the **IMPORTANT SAFETY INSTRUCTIONS** provided with this product and save them for future reference.

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.

BEFORE YOU BEGIN

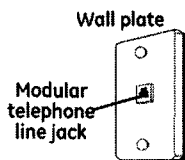
Parts Checklist

Make sure your package includes the items shown here.



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.



INSTALLATION

Digital Security System

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

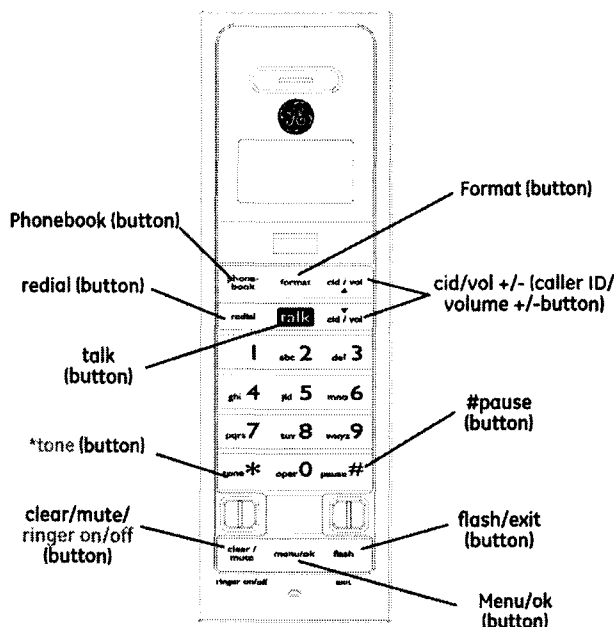
INSTALLATION NOTE: Some cordless telephones operate at frequencies that may cause or receive interference with nearby TVs, microwave ovens, and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV, microwave ovens, or VCR. If such 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.

Important Installation Guidelines

- Avoid sources of noise and heat, such as motors, fluorescent lighting, microwave ovens, heating appliances and direct sunlight.
- Avoid areas of excessive dust, moisture and low temperature.
- Avoid other cordless telephones or personal computers.
- 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.

HANDSET LAYOUT



INSTALLING THE PHONE

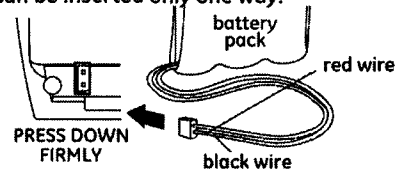
Installing the Handset Battery

NOTE: You must connect the handset battery before use.

CAUTION: To reduce the risk of fire or personal injury, use only the Thomson Inc. approved Nickel-metal Hydride (Ni-MH) battery model 5-XXXX, that is compatible with this unit.

1. Locate battery which is packaged inside a plastic bag and is 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: 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 handset back cover up until it snaps into place.

Base Station

1. Choose an area near an electrical outlet and a telephone wall jack (RJ11C), and place your cordless telephone on a level surface, such as a desktop or tabletop, or you may mount it on the wall.
2. Plug one end of the telephone line cord into the TEL LINE jack on the bottom of the base and the other end into a modular jack.
3. Plug the AC power adaptor into the electrical outlet and the DC connector into

need new artwork provided

the jack on the bottom of the base.

- Place the handset in the base cradle. The charge/in use indicator turns on, verifying the battery is charging.
- Allow the phone to charge for 16 hours prior to first use. If you don't properly charge the phone, battery performance is compromised.

CAUTION: Use only the Thomson Inc. 5-2715 power adaptor that came with this unit. Using other power adaptors may damage the unit.

Wall Mounting

- Rotate the handset hook up with a coin.
- Insert the handset stand into socket at the front side of the unit.
- Plug one end of the straight telephone line cord into the jack on the bottom of the base.
- Feed the line cord through the groove and wrap the cord around the track on the bottom of the base.
- Feed the line cord through the groove on the opposite side of the track, and plug the end into the modular telephone jack.
- Slip the mounting holes (on the bottom of the base) over the wall plate posts and firmly slide the unit down into place.

PROGRAMMING THE TELEPHONE

Standby Screen

The handset displays the handset name, date, time, signal and battery status. The base displays the current date and time. (from VD page 4, Base/Handset Idle Mode)

Programming Functions

The system uses a menu structure to give you access to all of the built-in features. You may program the following items in main menu: Setup HS, Setup BS, and Date/Time. A dashed line in the handset display indicates the end of the item list.

NOTE: If the handset is not registered, or is out of range, Setup BS and Date/Time are not programmable, and IMPOSSIBLE displays as you try to enter these two menus. (from VD P9, Useful Info...)

NOTE: During programming, you may press the mute/Clear button at any time to exit the sub-menu and return to the main menu, or press Flash/Exit to exit programming and return to standby screen.

NOTE: If no key is pressed for 60 seconds, the handset will automatically exit programming and return to standby screen.

Setup HS

- Make sure your phone is **OFF** (not in talk mode).
- Press the Menu button to go to the main menu.
- Press cid/vol (- or +) button to scroll to **Setup HS**.
- Press Menu button to confirm and you may program the following items: Ring Volume, Tones, Auto Talk, Handset Name and Language.

Ring Volume

There are 5 volume levels for your selection.

From the Setup HS Menu:

- Press the cid/vol (- or +) button to scroll to the **Ring Volume** sub-menu.
- Press Menu button to enter the menu. Use the cid/vol (- or +) button to scroll to your selection. The default setting is VOL 3.
- Press the Menu button to save your selection and the new volume setting shows in the display.

NOTE: Ringer can be disabled by pressing the mute/Clear/Ringer on/off button in standby mode, please refer to "Ringer On/Off".

Tones

From the Setup HS Menu:

- Press the cid/vol (- or +) button to scroll to the **Tones** sub-menu.
- Press Menu button to confirm and you may program the following items: Low Battery, No Coverage and Key Tone.

- Use the cid/vol (- or +) button to scroll to the item you want to program and press Menu button to enter.

Low Battery - You may set the warning beep to "On" when your handset battery is low, so as to alert you to charge the battery. Press the cid/vol (- or +) button to scroll to **On** or **Off**, then press Menu button to save the setting. The default setting is **Off**.

No Coverage - You may set the warning beep to "On" or "Off" when the handset is out of range. Press the cid/vol (- or +) button to scroll to **On** or **Off**, then press Menu button to save the setting. The default setting is **Off**.

Key Tone - You may set the key tone to "On" or "Off" when you press buttons. Press the cid/vol (- or +) button to scroll to **On** or **Off**, then press Menu button to save the setting. The default setting is **On**.

Auto Talk

This option allows you to pick up the handset from base or charger to answer an incoming call without pressing the TALK/call back button.

From the Setup HS Menu:

- Press the cid/vol (- or +) button to scroll to the **Auto Talk** sub-menu.
- Press Menu button to enter the menu. Use the cid/vol (- or +) button to scroll to your selection. The default setting is **On**.
- Press the Menu button to save your selection.

Handset Name

From the Setup HS Menu:

- Press the cid/vol (- or +) button to scroll to the **Auto Talk** sub-menu.
- Press Menu button to enter the menu. The default setting is **HANDSET**.
- Use the 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.

NOTE: If you make a mistake, press cid/vol (- or +) button to move the cursor forward or backward, then use the mute/Clear button to backspace and delete one character at a time.

Language

From the Setup HS Menu:

- Press the cid/vol (- or +) button to scroll to the **Languages** sub-menu.
- Press Menu button to enter the menu.
- Use the cid/vol (- or +) button to select **English**, **Francais** or **Espanol**.
- Press the Menu button to save your selection.

Setup BS

- Make sure your phone is **OFF** (not in talk mode).
- Press the Menu button to go to the main menu.
- Press cid/vol (- or +) button to scroll to **Setup BS**.
- Press Menu button to confirm and you may program the following items: LAC (local area code) and Dial mode.

LAC (local area code)

The telephone uses the pre-programmed area code to determine the number format to display when a valid Caller ID record is received. The pre-programmed area code is also used for the Dialback feature.

From the Setup HS Menu:

- Press the cid/vol (- or +) button to scroll to the **LAC** sub-menu.
- Press Menu button to enter the menu. **Enter LAC** shows in the display.
- Use the touch-tone pad to enter your 3-digit area code.
- Press Menu button to save the setting.

Dial mode

You may set the dial mode to "Tone" or "Pulse" according to your needs.

The default setting is "Tone"

- Press the cid/vol (- or +) button to scroll to the **Dial mode** sub-menu.
- Press Menu button to enter the menu. **Dial mode** shows in the display.
- Press the cid/vol (- or +) button to select **Tone** or **Pulse**.
- Press Menu button to save the setting.

Date/Time

1. Make sure your phone is **OFF** (not in talk mode).
2. Press the Menu button to go to the main menu.
3. Press cid/vol (- or +) button to scroll to **Date/Time**.
4. Press Menu button to enter the menu. **Year 2006** shows in the display.
5. Use the touch-tone pad to enter the last two digits of the current year (range: 00 to 99).
6. Press Menu button to save the year setting and proceed to date setting.
7. **Date 01/01** shows in the display. Use the touch-tone pad to enter two digits for current month and day respectively.
8. Press Menu button to save the year setting and proceed to time setting.
9. **Time 12:01p** shows in the display. Use the touch-tone pad to enter four digits for current time and use cid/vol (- or +) button to scroll through "p" (pm) and "a" (am).
10. Press Menu button to save the setting.

Telephone Operation

Making a Call

1. Press the TALK/call back button. Dial the desired number.
- OR -
Dial the number first, then press the TALK/call back button.
2. When finished, press the TALK/call back button or put the handset back into the base cradle to hang up.

NOTE: If you want to delete the pre-dial number you entered, press the mute/Clear button until all of the digits are erased.

Answering Calls

1. When the phone rings, press the TALK/call back button.
2. When finished, press the TALK/call back button or put the handset back into the base cradle to hang up.

NOTE: If you have turned the Auto Talk function on, you can pick up the handset to answer the incoming call directly.

NOTE: Adjust the handset volume by pressing the cid/vol (- or +) button during a call.

Inserting a Pause in the Dialing Sequence

Press the #pause button twice to insert a delay in dialing sequence when 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.) Each pause counts as one digit in the dialing sequence, and is shown as **P** in the display.

Redial

To quickly redial the a number you dialed:

1. Make sure the phone is **OFF** (not in talk mode).
2. Press the TALK/call back button.
3. Press the redial button first, then use the cid/vol (- or +) button to select the desired redial number.

NOTE: You may choose from 10 last dialed numbers.

4. Press the Menu button. The number dials automatically.

-OR-

1. Make sure the phone is **OFF** (not in talk mode).
2. Press the redial button. Then use the cid/vol (- or +) button to select the desired redial number.

NOTE: You may choose from 10 last dialed numbers.

3. Press the TALK/call back button. The number dials automatically.

Editing a Redial Record Before Dialing

1. Make sure the phone is **OFF** (not in talk mode).
2. Press the redial button first, then use the cid/vol (- or +) button to select the desired redial number.
3. Press the Menu button.
4. Press cid/vol (- or +) button to scroll to **Select**.

5. Press the Menu button to enter edit mode.
6. Press cid/vol (- or +) button to move the cursor forward or backward. Use the touch-tone pad to add digits or press the mute/Clear button to backspace and delete one character at a time.
7. After editing, press TALK/call back to dial the modified redial number.

Storing a Redial Record in Phone Book

1. Make sure the phone is **OFF** (not in talk mode).
2. Press the redial button first, then use the cid/vol (- or +) button to scroll to the desired redial number.
3. Press the Menu button.
4. Press cid/vol (- or +) button to scroll to **Save number**.
5. Press the Menu button to enter edit mode. **Enter name** shows in the display. Input a name. Please refer to section "Handset Name" for name editing method.
NOTE: A name must be input otherwise the record can not be stored.
6. Press the Menu button to save. **Saved** shows in the display. Repeat steps 2 through 5 to save other records.

Call Timer

After you press the TALK/call back button on the handset, the built-in call timer shows on the display and counts the length of time of the call in minutes and seconds.

Auto Standby

If you place the handset in the cradle while the handset is off the hook (during a call), the call is automatically disconnected.

Ringer On/Off

1. Make sure the phone is **OFF** (not in talk mode).
2. Press the mute/Clear/Ringer on/off button to switch the ringer on or off.

NOTE: If you turn the ringer OFF, RINGER OFF shows in the display.

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 to the waiting call, press the Flash/exit button on the handset, and your original call is put on hold.
- To switch between the two calls, press the Flash/exit button.

TIP: Do not press the TALK/call back button on the handset to activate a custom calling service, such as call waiting, or call will disconnect.

Mute

To have a private, off-line conversation, use the MUTE feature. The party on the telephone line cannot hear you, but you can hear them.

1. Press the mute/Clear button. The handset display shows **MUTE**.
2. Press the mute/Clear button to cancel and return to your phone conversation.

Page

The page feature helps you locate a misplaced handset.

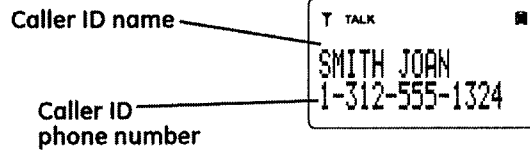
1. Press the page button on the base. The charge/in use indicator on the base flashes; the handset beeps and **Page from base** shows in the handset display.
2. To cancel the page, press the page button on the base, or press any key on the handset. Otherwise the paging will last for 30 seconds.

Receiver Volume Control

When the handset is **ON** (in talk mode) you may adjust the receiver volume by pressing the cid/vol (- or +) button. There are five volume levels to choose from. VOL 1 is minimum and VOL 5 is maximum.

CALLER ID (CID)

IMPORTANT: In order to use this unit's Caller ID features, 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.



This unit receives and displays information transmitted by your local phone company. This information can include the phone number, date, and time; or the name, phone number, date, and time. The incoming date/time information will override the telephone Date/Time setting.

Call Waiting Caller ID

Provided you subscribe to Call Waiting Caller ID service from your phone company; if you receive an incoming call and you are using the GE multi handset system, a beep indicates the presence of a Call Waiting call on the line. The Call Waiting Caller ID information will be displayed and stored in the history of all handsets in the system.

- When you hear the call waiting beep in the handset receiver, press the *Flash/Exit* button to put the current call on hold and answer the incoming call. Press *Flash/Exit* again to return to the original call.

Receiving CID Records

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

Storing CID Records (In CID Memory)

If you are not at home or cannot answer, your telephone's Caller ID memory stores the data for the 30 most recent calls (up to 20 digits and 15 characters for each record) you received so you can see who called while you were unavailable. And the display shows *Missed calls* reminding that there are unanswered calls. When the 31st call is received, the oldest Caller ID record (1st call) is automatically deleted.

You may review the stored information at any time. Calls received since your last review show as *NEW* in the display. Calls that have not been previously reviewed but were received from the same number more than once show as *RPT* in the display.

Reviewing CID Records

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

1. Make sure the phone is **OFF** (not in talk mode).
2. Press the *cid/vol* (- or +) button to review the newest CID record.
3. Press the *cid/vol* (- or +) button to scroll through the CID records.

NOTE: When you reach the end of records, a dashed line shows in the display.

NOTE: If no calls have been received, *Empty* shows in the display for 2 seconds at the time the *cid/vol* (- or +) button is pressed.

Dialing a CID Number

1. Make sure the phone is **OFF** (not in TALK mode).
2. Use the *cid/vol* (- or +) button to display the desired record.
3. Press the *TALK/call back* button. The number dials automatically.

Formatting a CID Number Before Dialing

NOTE: Depending on (a) how the incoming caller's phone number is formatted when it is received, and (b) whether or not you previously pre-programmed your local area code into the set up menu, you may need to adjust the format of the incoming caller's stored phone number before making the call, press the *FORMAT/CONF* button to adjust the number, and try again.

1. Make sure the phone is **OFF** (not in talk mode).
2. Use the cid/vol (- or +) button to scroll to the desired CID record.
3. Press the Format button to scroll to the desired format.
4. Press the TALK/call back button. The formatted number dials automatically.

Available formats include:

Number of digits	Explanation	Example
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

Storing CID Records into Phone Book

You may also store CID information in the Phone Book.

NOTE: It is important that you format CID records correctly BEFORE storing in Phone Book as you cannot reformat CID records stored in Phone Book.

1. Make sure the phone is **OFF** (not in talk mode).
2. Use the cid/vol (- or +) button to scroll to the desired CID record.
3. Press Menu button.
4. Use the cid/vol (- or +) button to scroll to **Save number**.
5. Press Menu button to enter edit mode. You may now change the name, if desired. Please refer to section "Handset Name" for name editing method.

NOTE: If the CID record does not include a name. Enter name shows in the display.

6. Press the Menu button to save.

NOTE: If Memory full shows in the display and the unit emits 3 beeps, you should delete one or more unnecessary records and repeat above steps to continue the call record storage.

NOTE: Press the Flash/Exit button to keep the previous setting (making no changes) and return to the standby mode.

NOTE: If the selected CID record contains any information that is non-numeric, the unit will not allow this record to transfer to the internal user memory. The handset will display *UNABLE TO STORE*.

To Replace a Stored CID Record

1. Repeat steps 1 through 3 in Storing CID Records in Internal Memory. After you enter the memory location, **REPLACE MEMO?** shows in the display.
2. Press the Memory button again, and the new CID record replaces the old memory in that location. You will hear a confirmation tone.

Deleting a CID Record

1. Make sure the phone is **OFF** (not in TALK mode).
2. Use the cid/vol (- or +) button to display the CID record you want to delete.
3. Press the Menu button.
4. Use the cid/vol (- or +) button to scroll to **Delete?**.
5. Press the Menu button to erase the record showing in the display. **Confirm?** shows in the display.
6. Press the Menu button to confirm. **Deleted** shows in the display.

NOTE: Press the Flash/Exit button to return to the standby mode without deleting any CID records.

Deleting All CID Records

2. Use the cid/vol (- or +) button to display the CID record you want to delete.
3. Press the Menu button.
4. Use the cid/vol (- or +) button to scroll to **Delete all?**.
5. Press the Menu button to erase the record showing in the display. **Confirm?** shows in the display.
6. Press the Menu button to confirm. **All deleted** shows in the display.

NOTE: Press the Flash/Exit button to return to the standby mode without deleting any CID records.

PHONE BOOK

Each handset can store up to fifty 20-digit numbers with up to 15-character names in memory for quick dialing. The records are stored by alphabetic ascending order.

Adding Phone Book Entries

1. Make sure the phone is **OFF** (not in talk mode).
2. Press the Phonebook button.
3. Press the Menu button and use the cid/vol (- or +) button to scroll **Add new**.
4. Press the Menu button. **Enter number** shows in the display.
5. Use the touch-tone pad to input a telephone number.

TIP: Press the #pause button twice to insert a pause in a number if necessary.

6. Press the Menu button. **Enter name** shows in the display. Please refer to section "Handset Name" for name editing method.
7. Press the Menu button to save.

NOTE: If Memory full shows in the display, you should delete one or more unnecessary records and repeat above steps to continue the call record storage.

Reviewing Phone Book Records

1. Make sure the phone is **OFF** (not in talk mode).
2. Press the Phonebook button.
3. Press the cid/vol (- or +) button to scroll through the records,

-OR-

Press the number keys to go to the name of the records started with the corresponding character.

TIP: Press the *tone button to show the person's telephone number whose name is current shown in the display.

Editing a Phone Book Record

1. When reviewing the phone book records, use the cid/vol (- or +) button or the number keys to scroll to the desired record.
2. Press Menu button and use the cid/vol (- or +) button to scroll to **Edit**.
3. Press Menu button to enter edit mode. You may now change the number, if desired.
4. Press Menu button to proceed to name change. You may now change the name, if desired. Please refer to section "Handset Name" for name editing method.
5. Press Menu button to save.

NOTE: Press the Flash/Exit button to keep the previous setting (making no changes) and return to the standby mode.

Deleting a Phone Book Record

1. When reviewing the phone book records list, use the cid/vol (- or +) button or the number keys to scroll to the desired record.
2. Press Menu button and use the cid/vol (- or +) button to scroll to **Delete?**.
3. Press Menu button. **Confirm?** shows in the display.
4. Press Menu button to confirm. **Deleted** shows in the display.

NOTE: If you don't want to delete the record when the display shows *DELETE?*, simply press the Flash/Exit button, or wait for one minute to exit to the standby mode automatically.

Dialing a Phone Book Record

Dial a phone book record while in talk mode:

1. Make sure the phone is **ON** (in talk mode) by pressing the TALK/call back button.
2. Press the Phonebook button to access the phone book.
3. Use the cid/vol (- or +) button or the number keys to scroll to the desired record.
4. Press the Menu button to dial the number.

-OR-

Dial a phone book record while reviewing it:

1. Make sure the phone is **OFF** (not in talk mode).
2. Press the Phonebook button to access the phone book.
3. Use the cid/vol (- or +) button or the number keys to scroll to the desired record.
4. Press the TALK/call back button. The number dials automatically.

If you want to edit the number before dialing:

1. Press the Menu button when reviewing phone book records.
2. Use the cid/vol (- or +) button to scroll to **Select** and press the Menu button enter edit mode.
3. When finished editing, press Talk/call back to dial the number.

Chain Dialing from Phone Book

Use this feature to make calls which require a sequence of numbers, such as a calling card number used for a frequently called long distance number.

You can store each part of the dialing sequence (such as Long Distance Access Number, Authorization Code, and a frequently called long distance number) in the phone book and simply repeat step 3 through 4 in "Dial a phone book record while in talk mode" to dial them one by one.

CHANGING THE BATTERY



CAUTION: To reduce the risk of fire or personal injury, use only the Thomson Inc. approved Nickel-metal Hydride (Ni-MH) battery model 5-XXXX, that is compatible with this unit.

1. Make sure the telephone is **OFF** (not in TALK mode) before you replace battery.
2. Remove the battery compartment door.
3. Disconnect the cord attached to the battery pack and remove the battery pack from the handset.
4. Insert the new battery pack and connect the cord to the jack inside the battery compartment.
5. Put the battery compartment door back on.
6. Place handset in the base or handset charge cradle 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.**

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 **Nickel-metal Hydride** battery listed in the User's Guide.
- Keep batteries out of the reach of children.
- Remove batteries if storing over 30 days.

NOTE: The RBRC seal on the battery used in your Thomson Inc. product indicates that we are participating in a program to collect and recycle the rechargeable battery (or batteries).

For more information go to the RBRC web site at www.rbrc.org or call 1-800-8-BATTERY or contact a local recycling center.

Display Messages

The following messages shows the status of the phone, provides Caller ID information, or helps you set up and use your phone.

Withheld	Indicates the person is calling from a number which is blocked from transmission.
DELETE ALL?	Prompt asking if you want to erase all records.
DELETE?	Prompt asking if you want to erase the current records.
-----	Indicates that it is the end of the list.
ENTER NAME	Prompt telling you to enter a name.
ENTER NUMBER	Prompt telling you to enter a telephone number.
NEW	Indicates call or calls which have not been reviewed.
HANDSET NAME	Prompt telling you to enter the user name for the handset.
IMPOSSIBLE	The handset is not yet registered or is out of range.
INCOMPLETE DATA	Caller information is interrupted during transmission or the phone line is excessively noisy. Indicates no CID information was received, you are not subscribed to CID service, or CID service is not working.
LONG DISTANCE	Indicates CID record is from a long distance call.
LOW BATTERY	Indicates the battery needs to be charged.
EMPTY	Indicates there are no CID records in memory.
SEARCHING...	Indicates handset is too far away from the base, and the handset is searching for the base. Move closer to the base.
PAGE FROM BASE	Someone pressed the PAGE button on the base.
RPT	Indicates a repeat call message. Indicates a new call from the same number was received more than once.
UNAVAILABLE	Indicates incoming call is from an area not serviced by CID or the CID information was not sent.

Handset Sound Signals

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

Troubleshooting Guide

Telephone Solutions

No dial tone

- Check or repeat installation steps:
 - Make sure the base power cord is connected to a working electrical outlet.
 - Make sure the telephone line cord is connected to the base and the wall jack.
- Connect another phone to the same jack. If it doesn't work, the problem might be 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 16 hours).

Dial tone is ok, but can't dial out

- Make sure the type of phone service you are subscribed to is TONE or PULSE.

Handset does not ring

- Make sure the handset ringer is set to on.
- The handset may be out of range of the base. Move closer to the base.
- You may have too many extension phones on your line. Try unplugging some extensions.
- Check for a dial tone. If no dial tone is heard, see "No dial tone".

You experience static, noise, or fading in and out

- The handset may be out of range of the base. Move closer to base.
- Make sure base is not plugged into an electrical outlet with another household appliance. If necessary, relocate the base.
- Charge the battery (for 16 hours).

Memory dialing doesn't work

- Did you follow proper dialing sequence?

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

- Unplug the power adaptor from the electrical outlet and the back of the base. Remove the handset battery. Wait for 30 seconds and plug the power adaptor back into the base and electrical outlet. Reconnect the battery and charge for 16 hours.

Charge Indicator on the Base Flashes

- Provided your phone company offers voice messaging service and you subscribe to it, the charge indicator on the base flashes when the phone is not in use to indicate there is a message waiting. It's stops flashing after the message has been reviewed.

Searching.... shows in the handset display

- Move the handset closer to the base.
- Make sure the base power cord is connected to a working electrical outlet.

Date/Time setting is restored to default setting

- May be caused by power failure. Set Date/Time again.

Caller ID Solutions

No Display

- Charge the battery (for 16 hours). Or replace the battery.
- Make sure the unit is connected to a non-switched electrical outlet. Disconnect the power adaptor from the base and reconnect it.

No Caller ID

- You must be subscribed to the standard Name/Number Caller ID service from your local telephone company to receive CID information.

Battery

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

- Short talk time
- Poor sound quality
- Limited range
- Charge indicator fails to turn on

General Product Care

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

- Avoid dropping the handset, as well as other rough treatment to the phone.
- Clean the phone with a soft cloth.
- Never use strong cleaning agents, paint thinner, abrasive powder, alcohol, or other chemical products to clean the unit. Doing so 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 Thomson 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:

Thomson 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 _____

ACCESSORY INFORMATION

DESCRIPTION	MODEL NO.
Handset Replacement Battery	5-XXXX
AC Power adaptor	5-XXXX
Headset	5-XXXX

To place order, have your Visa, MasterCard, or Discover Card ready and call toll-free **1-800-338-0376**. A shipping and handling fee will be charged upon ordering. We are required by law to collect appropriate sales tax for each individual state, country, and locality to which the merchandise is being sent. Items are subject to availability. Prices are subject to change without notice.

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:

**Thomson Inc.
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. Thomson Inc. 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 Thomson 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. Thomson 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.