

Model 28320 InfoLink Phone User's Guide



*for use as a telephone
and to receive information from internet*

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.

US Number is located on the base bottom.

REN Number is located on the base bottom.

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.

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."

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the belt clip supplied with this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

Information for DECT Product



This telephone is compliant with the DECT 6.0 standard which operates in the 1.92GHz to 1.93GHz frequency range.

TO COME AFTER P1 APPROVAL

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



THE LIGHTNING FLASH AND ARROW HEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.

CAUTION:

RISK OF ELECTRIC SHOCK
DO NOT OPEN

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

This User Guide provides you with all the information you need to get the most from your phone.

You must first set up your phone before you can use it. This doesn't take long and is easy to do. Just follow the simple instructions on the next few pages.

Need help?

If trouble is experienced with this equipment, for repair or warranty information, please contact customer service at 1-800-448-0329.

Alternatively, you may find the answer in Troubleshooting Tips section at the back of this guide.

Parts Checklist (for model 28320xx2)

Make sure your package includes the items shown here.



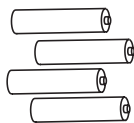
Base/Gateway



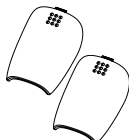
2 Handset charge cradles



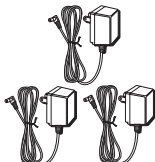
2 Handsets



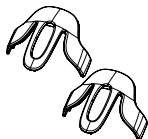
4 AAA
Nickel-metal
Hydride
batteries



2 Battery
compartment
covers



3 AC power
adaptors



2 Belt clips



Ethernet
cable



Telephone line
cord



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.

INSTALLATION NOTE:

This product operates at a frequency of 1.9GHz. to provide communication with minimal interference from other electronic devices. To further minimize the possibility of interference, the base of the cordless telephone should not be placed near or on top of a TV, microwave oven, or VCR. If interference continues, move the cordless telephone further away from these appliances.



WARNING: Do not place your phone in the bathroom or other humid areas.

Handset Range

The range between the base/gateway and handset will vary greatly depending on the location of the base. When there is no clear line of sight between the base and handset, e.g. base indoors and handset either indoors or outdoors, the range will be reduced.

Range Indicator

The **Y** symbol on your handset screen indicates when you are in range. When you are out of range, it flashes.

Important Installation Guidelines

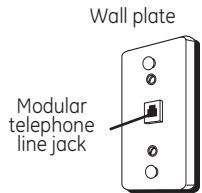
- Avoid sources of noise and heat, such as motors, fluorescent lighting, microwave ovens, heating appliances and direct sunlight.
- Avoid areas of excessive dust, moisture and low temperature.
- Avoid other cordless telephones.
- Never install telephone wiring during a lightning storm.

Digital Security System

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

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.

**Location**

You need to place the base/gateway within 6 feet of the AC power outlet and telephone jack so that the cables will reach.

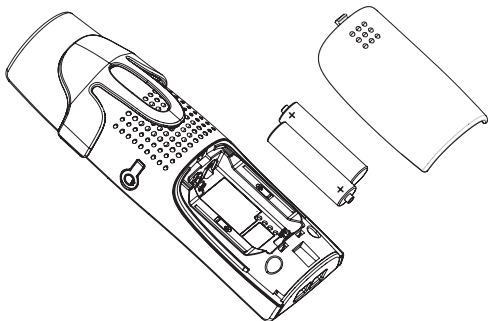
Make sure it is at least 3 feet away from other electrical and metal appliances to avoid interference issues.

Your phone works by sending radio signals between the handset and base/gateway. The strength of the signal depends on where you locate the base. Putting it as high as possible and separated as much as possible from other radio devices and metal objects ensures the best signal.

Your unit is provided with three power adaptors; 2 for handset charger cradles and 1 base power. The connectors are different sizes, only the larger connector/adaptor fits the base/gateway unit

Installing the Handset Battery

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



3. Insert the batteries.
4. Close the battery compartment by pushing the door up until it snaps into place.
5. Plug the AC power adaptor of the charge cradle into an electrical outlet.
4. Place the handsets in the charge cradles. The blue CHARGE indicator turns on, verifying the batteries are charging.

Allow handset to charge for 16 hours prior to first use. If you do not properly charge the handset, battery performance is compromised.



CAUTION: To reduce the risk of fire or personal injury, use only the Thomson Inc. approved model **GP 75AAAHC 1.2V 750mAh**, rechargeable Nickel-metal Hydride **AAA** batteries, which are compatible with this unit.

Battery performance

When batteries are fully charged the handset display shows green bars. To keep your batteries in the best condition, leave the handset off the charge cradle for a few hours at a time (after the initial 16 hour charge).

Please note however, that new NiMH batteries do not reach full capacity until they have been in normal use for several days.

Battery Low Warning

The handset battery symbol is empty and flashing and you will hear a warning beep. Start recharging your handset right away.

When charging the battery, level bars are animated.

Battery Charging Light

The blue charging light on the handset charge cradle stays on while the handset is on the cradle, even when the batteries are fully charged.



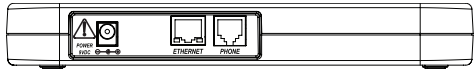
CAUTION: To reduce risk of personal injury, fire, or damage use only the 5-XXXX power adaptor listed in the user's guide. This power adaptor is intended to be correctly orientated in a vertical or floor mount position.

IMPORTANT: Do not connect the telephone line until the handset is fully charged. The base must be plugged into the AC power at all times.

INSTALLATION NOTE:
Unit will not function if connected behind a firewall. Unit will not work with dial-up connection.

Base/Gateway Set-Up

The base needs a direct access connection to the internet, and the IP address of the base must be provided by a DHCP server.



ETHERNET Connection.

1. Using the ETHERNET cable (RJ45) provided with your phone, connect the cable to your DSL modem/ router on an ADSL line, or a cable modem/router with cable access.
2. Connect the other end of the cable to the base/ gateway ETHERNET port.

Telephone Cable Connection

To use the phone as standard telephone:

1. Plug one end of the telephone line cord into the PHONE jack on the back of the base and the other end into a modular jack

Power Supply Connection

1. Connect the power adaptor provided with your unit to the **base/gateway** as shown below.
2. Connect the adaptor to an electrical wall outlet.
3. When power is applied to the base/gateway, the unit goes through a one minute initialization process in the following sequence:
 - a) the blue DECT indicator is on (solid),
 - b) the green POWER indicator flashes,
 - c) both the blue DECT and green POWER indicators flash
 - d) the green POWER and blue ETHERNET indicators are on (solid).

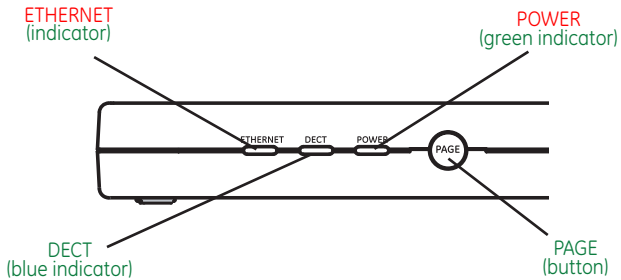
The unit has now completed the process. The phone will not function until this process is complete.

Handset Synchronization

1. After handsets are powered up, wait 2-3 minutes until **Synchro RSS** appears on the handset display. This indicates that the handset and base/gateway are synchronized to each other. There are some popular channels pre-configured to help get you started.
2. Programmed content windows will start auto scrolling and handset is ready for use.

Your handset will automatically **Synchro RSS** feeds approximately every 15 minutes, during this automatic process you will not be able to search/use RSS feeds.

Base/Gateway Layout



ETHERNET Indicator (blue)

When flashing; indicates ethernet activity
When solid; indicates ethernet connection

DECT Indicator (blue)

When flashing; indicates base/gateway is paging handset.
When solid; indicates an active call.

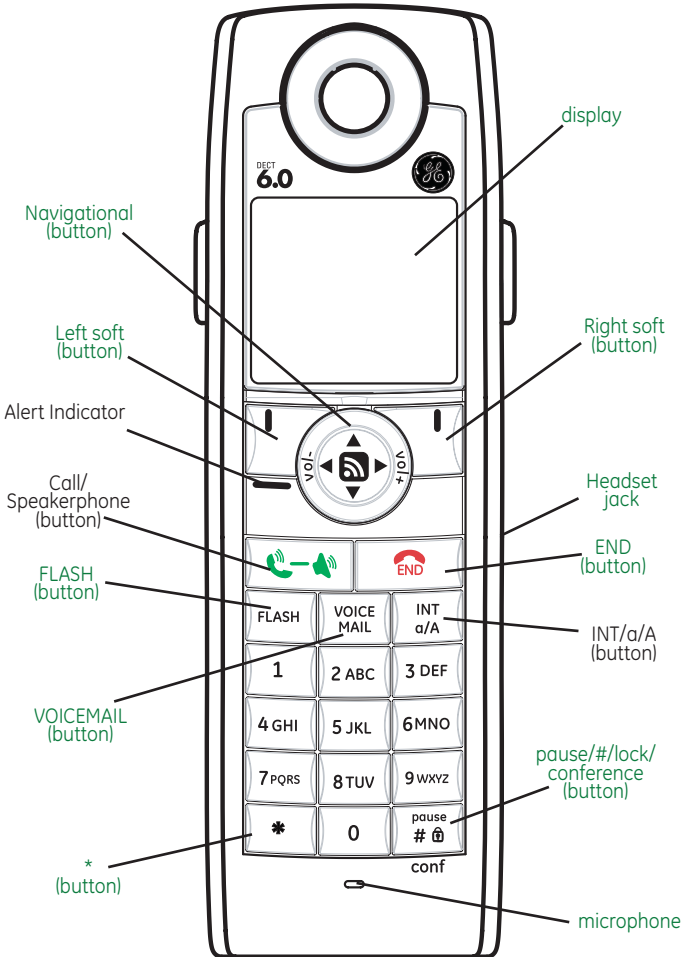
POWER Indicator (green)

When solid; indicates base is powered.

Page button

Press to locate misplaced handset(s).

Handset Layout





Left soft button

Selects the current menu item or confirms a setting, depending on the current screen.



Right soft button

"Back" button; returns to the previous screen.



Navigational/Volume button

Press the outer ring to navigate up, down, left, or right while in a menu or content screen. During a call, press vol-/+ to increase or decrease the volume.



Alert Indicator

If flashing, indicates you have voice mail waiting or a weather or software update alert. **Software update notification is done via the handset with specific screen instructions and messages.**



Call/Speaker button

Initiates or answers a call. During a call, activates speaker.



End button

Ends a call.



FLASH button

Call Waiting acceptance; during a call, push to accept new incoming call.



VOICEMAIL button

One-touch Voice Mail access.



Intercom/Upper/Lower case

Allows you to make calls between the handsets registered to the base. When in text editor, switches from lower-case to upper-case letters.



* button

When in text editor, provides a symbol table.

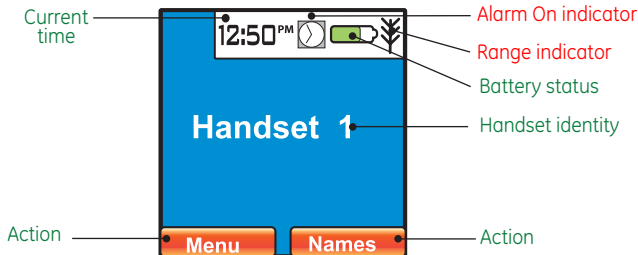






Pause/#/Lock/Conference button

Allows you to input a pause while dialing, lock the keypad, or use for 3-way conference connection.

Standby Display

The **standby** display of your phone provides various status indicators and access to the menu-based interface. The illustration below shows the screen and its elements.





Range Indicator	Flashes when handset is out of range of the base/gateway.
Battery Status	Indicates the status of the battery.  Low level.  Fully charged.  Partially charged.  Charging.

Navigating The Menu

Your phone has an easy to use menu system. Each menu leads to a list of options. When the handset is switched on and in standby, press  to open the main menu.

Press  to navigate to the menu options you want.

Press  to select further options or confirm the setting displayed. Press  to return to previous menu.


If no button is pressed for 60 seconds, the handset will return to standby mode automatically. To cancel and return to standby mode at any time press .

The following table outlines the main menu items:

Calls Lists	Received and dialed calls, delete call lists.
Handset Settings	Set your preferences for handset name, language, menu color, wallpaper picture, contrast, auto talk, regional and local area codes.
Names	Add, edit or delete entries to your phonebook listings.

Melody Settings	Set your preferences for volume, ringtones, ringer volume and keypad.
Base Settings	Set tone or pulse dial mode, revert to default settings, verify IP address.
Time Settings	Set date and time, select time format, set alarm..
Registration	Register and de-register handsets to base.
RSS Setting	View and select channels, revert to default channels, help guide



NOTE: If you cannot read the display language, go to Handset Settings/Language to change.

Entering Handset Name: It may be necessary to press  repeatedly to clear any pre-existing handset name. There is an 8-character limit to handset name

Handset Settings

There are **seven** programmable menus available: Handset Name, Language, Menu Color, Wallpaper, Contrast, Auto Talk, and Area Codes (Regional & Local).





To Access Handset Settings via the Menu

1. Make sure your phone is **OFF** (not in talk mode).
2. Press , navigate to the **Handset** menu, press  to enter.

Handset Name

Change the name displayed on the handset's screen.







From the Handset menu;

1. Use  or  to scroll to **Handset Name**.
2. Press  to enter.
3. Enter name using number pad, press  to confirm. The default is **Handset #**.

Language







Choose the display language.

From the Handset menu;

1. Use  or  to scroll to **Language**.
2. Press  to enter the menu.
3. Use  or  to scroll to the desired language. The default is **ENGLISH**.
4. Press  to save your selection.








Menu Color

From the Handset menu;

1. Use  or  to scroll to **Menu Color**.
2. Press  to enter the menu.
3. Use  or  to scroll to the desired color. The default is *Blue*
4. Press  to save your selection.







Background Picture

From the Handset menu;

1. Use  or  to scroll to **Picture**.
2. Press  to enter the menu.
3. Use  or  to scroll through the selection, press  to view. The default is *Picture 4*.
4. Press  to save your selection.







Display Contrast

From the Handset menu;


1. Use  or  to scroll to **Contrast**.
2. Press  to enter the menu.
3. Use  to lighten or  to darken.
4. Press  to save your selection.

Auto Talk

From the Handset menu;

1. Use  or  to scroll to **Auto Talk**.
2. Press  to enter the menu.
3. Use  or  to select **Off** or **On**. The default is *On*.
4. Press  to save your selection.

Auto Talk

If Auto Talk is set to **On** the handset automatically answers the incoming call when the handset is ringing and lifted from the charger. (Same as pressing ).

If Auto Talk is set to **Off**, you **must** press  to answer the call after the handset is lifted from the charger.

Area Codes

Most often, Caller-ID is received with 10 digits (3-digit area code + 7-digit phone number) regardless of how many digits need to be dialed to call that number. The most prevalent dialing plans in use are 7-digit (normal 7-digit phone-number), 11-digit (1+area-code+7-digits) and 10- digits (area-code+7-digit). When dialing back from the call lists, the phone will try to figure out if 7, 10, or 11 digits should be dialed. This is accomplished by entering area codes as settings.

There is a "Local Area Code" and 5 "Regional Area Code" settings available. The area code settings work for dialing back numbers only when the Caller-ID received is 10 digits. If the Caller-ID is anything other than 10 digits, the Area Code settings are not used to pre-format the dialed number.







Ringtone Information

You can choose from 12 different melodies for external (regular) or internal (intercom) calls.

Area Codes

Preset local and regional area codes.



From the Handset menu;

1. Use  or  to scroll to **Area Codes**.
2. Press  to enter the menu.
3. Use  or  to select **Local Area Code** or **Regional Area Code**.
3. Enter the three digit code. The default is - - -
4. Press  to save your selection.

Melody Settings







Set your preferences for each handset.

To Access Melody Settings via the Menu

1. Make sure your phone is **OFF** (not in talk mode).
2. Press , navigate to the **Melody** menu, press  to enter.










Earpiece Volume

From the Melody menu;

1. Use  or  to scroll to **Ear Volume**.
2. Press  to enter the menu.
3. The current setting is displayed. Use  to increase or  to decrease the volume. The default is 6 bars.
4. Press  to save your selection.








Ringtone

From the Melody menu;

1. Use  or  to scroll to **Ringtone**.
2. Press  to enter the menu. Use  or  to switch between **Internal** (intercom/page) and **External** (incoming calls) and press .
3. Scroll  or . A sample is played. Press  to confirm. The default for Internal is *Melody 2*, the default for External is *Melody 3*.
4. Press to save your selection.








Ringer Volume

From the Melody menu;

1. Use  or  to scroll to **Ringer Volume**.
2. Press  to enter the menu.
3. The current setting is displayed. Use  to increase or  to decrease the volume. Press  to confirm. The default is 6 bars.
4. Press  to save your selection. **Ringer Volume Saved** is displayed.



Key Beep

From the Melody menu;

1. Use  or  to scroll to **Key Beep**.
2. Press  to enter the menu.
3. Use  or  to switch between **Off** and **On**, press  to confirm. The default is **On**.
4. Press  to save your selection. **Key Beep On** is displayed.








Base Settings

To Access Base Settings via the Menu

1. Make sure your phone is **OFF** (not in talk mode).
2. Press , navigate to the **Base Settings** menu, press  to enter.

Dial Mode

From the Base Settings menu;

1. Use  or  to scroll to **Dial Mode**.
2. Press  to enter the menu.
3. Use  or  to switch between **Tone** and **Pulse**, press  to confirm. The default is **Tone**.
4. Press  to save your selection. **Dial Mode Saved** is displayed.

Ring Volume Information

There are six handset ringer volume levels including 'off'.

If you select ringer off, the icon is shown on the right side of the display. Calls will still ring at the base and your handset screen will indicate incoming calls.