

Quick Set-Up Guide for Optional/Additional Model 28109 DECT 6.0 Speakerbox/Handset



New Artwork Needed

for use with Systems
28115, 28118, 28516, 28811, 28821,
28851, 28213, 28223, 28513,
28523, and Boost Gen II

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.

Visit the GE website at: www.GE.com/phones



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Marc(s) Registrad(s)

- 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.

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.

Licensing

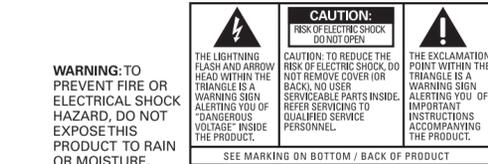
Licensed under US Patent 6,427,009.

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.

Information for DECT Product

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



Introduction

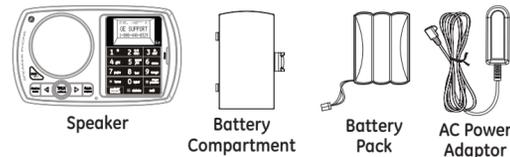
CAUTION: When using telephone equipment, there are basic safety instructions that should always be followed. Refer to the IMPORTANT SAFETY INSTRUCTIONS provided with this product and save them for future reference.

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.



Installation

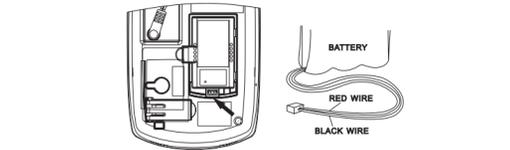
Installing the Handset Battery

NOTE: You must connect the battery before use.

CAUTION: To reduce the risk of fire or personal injury, use only the Thomson Inc. approved Nickel-metal Hydride battery Model 5-2660, which is compatible with this unit.

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



- Insert the battery pack.
- Close the battery compartment by pushing the door up until it snaps into place.
- Plug the AC power adaptor cord into the power jack on the back of the speakerbox/handset and the other end into an electrical outlet. The charge indicator turns on, verifying the battery is charging.
- Place the speakerbox/handset on the desk stand and allow it to charge (for 16 hours) prior to first use.

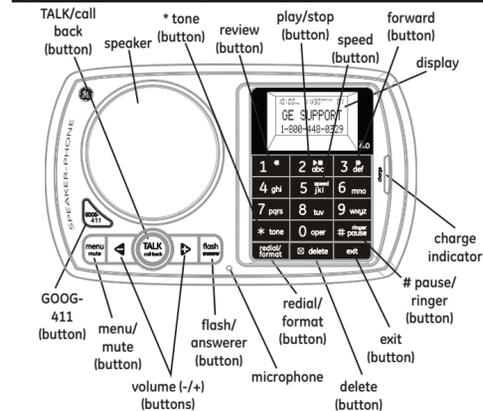
CAUTION: To reduce risk of personal injury, fire, or damage use only the 5-2832 power adaptor listed in the user's guide. This power adaptor is intended to be correctly orientated in a vertical or floor mount position.

Extra Charging Cradle

- Plug the AC power converter of the extra charging cradle into the electrical outlet.

NOTE: This power adaptor is intended to be correctly orientated in a vertical or floor mount position.
- Place the handset in the extra charging cradle. The charge indicator illuminates, verifying the battery is charging.
- Allow the phone to charge for 16 hours prior to first use.

Speakerbox Layout



Registration

YOU MUST REGISTER THE SPEAKERBOX/HANDSET TO THE MAIN TELEPHONE BASE BEFORE USE!

After the optional speakerbox/handset has charged for 16 hours on the extra charger, **NEEDS REGISTRATION** shows in the display.

- Press the **menu** button. **HOLD BASE PAGE FOR 5 SECONDS, THEN PRESS SPEAKERBOX MENU** shows in the display. (Your speakerbox/handset should be held near the telephone base during registration process.)
- Press and hold the **page** button on the telephone base unit until the Charge/in use indicator flashes. Press the **menu** button on the speakerbox/handset. **REGISTERING** shows in the display. **HANDSET X REGISTERED** shows in the speakerbox/handset display, where X is the number.

Programming the Speakerbox/Handset

- Make sure your phone is **OFF** (not in TALK mode).
- Press the **menu** button to go to the main menu.
- Press **volume** (◀ or ▶) button to scroll to **HANDSET SETUP**.
- Press **menu** button to confirm and you may program the following items: Speakerbox/Handset Name, Deregistration and Global Deregistration.

Speakerbox/Handset Name

From the Speakerbox/Handset Menu:

- Press the **volume** (◀ or ▶) button to scroll to the **HANDSET NAME** sub-menu.
- Press **menu** button to enter the menu. **HANDSET NAME** shows in the display.
- 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.
- Press the **menu** button to save your name. You will hear a confirmation tone and the handset name shows in the display.

IMPORTANT NOTE: FOR SETUP AND OPERATING INSTRUCTIONS, REFER TO THE USER GUIDE OF YOUR COMPATIBLE GE PHONE SYSTEM (THE LIST OF PHONES).

De-Registration

De-registration cancels registration. During the de-registration process, keep the **speakerbox/handset** near the telephone base.

From the Speakerbox/Handset Menu:

- Press the **volume** (◀ or ▶) button to scroll to the **DEREGISTRATION** sub-menu.
- Press the **menu** button to enter the menu. **DEREGISTRATION 1YES ▶ 2NO ---** shows in the display. The default setting is "2NO".
- Use the **volume** (◀ or ▶) button to scroll to **1YES** or **2NO**.

WARNING: It is not recommended that a handset be de-registered unless absolutely necessary because once a handset is de-registered, that handsets telephone features cannot be used until the GE-28109 is re-registered.
- Select **NO**, if you do not want to de-register.
- If you select **YES**, press the **menu** button and **MOVE NEAR TO BASE** displays for 2 seconds, then **CONFIRM? 1YES 2NO** appears in the display.
- Use the **volume** (◀ or ▶) button to scroll to **1YES** or **2NO**.
- If you select **YES**, press the **menu** button to confirm. **DE-REGISTER...** shows in the display. You will hear a confirmation tone. Then **HANDSET X DEREGISTERED** shows in the display to confirm the handset is de-registered.

NOTE: When you complete the de-registration process, NEEDS REGISTRATION shows in the display. To use the speakerbox/handset, you MUST re-register the speakerbox/handset using the Registration process.

Global De-Registration

If one or more handsets becomes lost, you should de-register all handsets to ensure proper system operation. Follow the steps below to de-register all GE-28109's at the same time.

WARNING: It is not recommended that a handset be de-registered unless absolutely necessary because once a handset is de-registered, that handsets telephone features cannot be used until the GE-28109 is re-registered.

- Disconnect power from the telephone base by pulling the plug out of the back of the unit.
- Press and hold the **page** button and while holding the **page** button reconnect the power.
- Continue to hold the **page** button until the Charge/in use indicator flashes rapidly.
- Release the **page** button.
- Press and release the **page** button on the telephone base once. All handsets and the GE-28109 are de-registered and **NEEDS REGISTRATION** shows in the GE-28109 display.

Intercom Operation

Auto Intercom

- Initiate the intercom from your handset or telephone base.
- Locate the GE-28109 from your list of registered handsets on your handset or telephone base.
- When the GE-28109 is being paged, it will immediately join the intercom conversation, you can **TALK/call back** to the intercom party freely without pressing any buttons.
- When finished, press the **intercom** or **END** button on the original handset or press the **END** button or **delete/int/conf** button on either handset to deactivate the intercom.

Making an Intercom Call

- Make sure the GE-28109 is **OFF** (not in TALK mode).
- Press the **delete/int/conf** button on the GE-28109.
- Use the **volume** (◀ or ▶) button to select the handset you want to page.
- A long beep is heard and then the two handsets are immediately connected. Receiving handset shall immediately come into the auto intercom mode that both "microphone" and "speaker" of this receiving handset shall be enabled such that the user of receiving handset can freely talk and listen to the conversation.

NOTE: If the receiving handset does not answer within two minutes, the intercom call is automatically canceled. NO ANSWER shows in the GE-28109 display.
- When finished, press the **END** button or **delete/int/conf** button on either handset to end the intercom call.

Three-Way Calling

- During an external call, press the **delete/int/conf** button on GE-28109 to put an external call on hold.
- Use the **volume** (◀ or ▶) button to select **Handset #** to enter into auto intercom call with paged handset.

NOTE: PAGING FROM... shows in the display on the receiving handset. Press the intercom or TALK/call back button on the receiving handset to answer the intercom.

- When the receiving handset connects, press the **delete/int/conf** button on the GE-28109 to conference with the receiving handset and the external caller. **CONFERENCE** shows in the display on the GE-28109 and receiving handset.

Transferring External Calls to Other Handsets

During an external call, you may transfer the external call to another handset or GE-28109.

- Press the **delete/int/conf** button on the GE-28109.
- Use the **volume** (◀ or ▶) button to select **Handset #** you want to page.
- A long beep is heard and then the two handsets are immediately connected. Receiving handset shall immediately come into the auto intercom mode that both "microphone" and "speaker" of this receiving handset shall be enabled such that the user of receiving handset can freely talk and listen to the conversation.
- When the receiving handset connects, press the **TALK/call back** button on the GE-28109 to transfer the call.

-OR-

- Press the **TALK/call back** button on the GE-28109 to transfer the call. If the receiving handset does not answer within 30 seconds, the GE-28109 rings back and displays **CALLBACK**. If the GE-28109 does not answer within 20 seconds, the call is automatically dropped.

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 (Ni-MH)** 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.

Warranty Assistance

If trouble is experienced with this equipment, for 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 require that you disconnect the equipment until the problem is resolved.

Any unauthorized repairs, 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 a replacement unit, 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 this 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 _____

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 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

- Insure your shipment for loss or damage. Thomson Inc. accepts no liability in case of damage or loss.
- A new 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.

Accessory Information

DESCRIPTION	MODEL NO.
AC Power Adaptor	5-2832
Battery	5-2660

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.