

Chapter 8 Handset Customization




What Can Be Customized


You can uniquely configure your handset for a variety of customized settings and functions, as well as view information using the handset keys. Customization options include:

- Setting the volume level
- Changing ringer sounds
- Turning the key click off and on
- Setting a "discreet" ring
- Turning all sounds off
- Changing the display light and contrast
- Changing the menu language
- Setting long tones (for interactive menus)
- Muting the microphone on the handset
- Using an optional headset
- Using the handsets as a baby monitor
- Limiting calls out (direct call)
- Controlling call forwarding
- Locking the handset to prevent calls and other security issues
- Using your handset with multiple base stations.

NOTE: All handset customization is specific to that handset, regardless of which user is assigned. Some handset information and settings are available using a series of menus from the handset. Other settings can optionally be made using the handset keys directly.

Navigating the Handset Menus

Menus on the handset are accessed by using the  or  keys. Setting changes that have been confirmed with the  key remain stored in the handset memory, even when the handset is switched off. Changes that have not been confirmed are canceled.

If a call comes in while you are changing a setting, you can answer the call with the  key.


For an overview of the handset menu structure, see “Handset Display Menu Options” on page 41.

Sounds

You can adjust the handset volume to vary the sound level of an incoming call. You can also change the ringer melodies that distinguish the different call types: *internal*, *external*, *call back*, *message*, and *page*.







Adjusting the Volume Levels

Seven volume levels (0-6) can be set for the handset ring.

You can set a different volume level for each ring type: *internal*, *external*, *call back*, or *message*. When the volume reaches its lowest level (0), the ring off icon () shows on the handset display.

The ring volume can be adjusted both while the handset is ringing and when it is idle, but not while a call is in progress.



To adjust the ring volume level:




1. Press  or  to access and move through the menu.
2. Select **Handset>Alerts>RingVolume** and press .
3. Use  or  to adjust the volume silently or the volume control keys on the handset to adjust it audibly. Either method will show the changes on the handset display. Press  to confirm your selection.

Changing the Ringer Sound

For each call type you can select from one of 10 distinct ring sounds.

To change a ringer sound:

1. Press  or  to access and move through the menu.





2. Select **Handset>Alerts>RingType**.
3. Select the call type: **Internal**, **External**, **CallBack**, **Message**, or **Page**.
4. Use  or  to select between **Low**, **Medium**, **High**, **Mixed**, or **Melody 1** through **6**. As you move through the options, you hear each play. Press  to confirm selection.

Repeat this process until all call types are set to the preferred melodies.

Changing the Key Click

Key click is the sound you hear when a key is pressed on the handset. You can turn the sound on and off.





To enable/disable the key click:

1. Press  or  to access and move through the menu.
2. Select **Handset>Alerts>KeySound>Click** and press .
3. Select **On** or **Off**.
4. Press  to confirm selection.

Changing the Discreet Ring

A *discreet ring* is a ring that starts low and gradually increases. You can turn the discreet ring function on and off. The default is set to off.

To set the discreet ring:

1. Press  or  to access and move through the menu.
2. Select **Handset>Alerts>DiscreetRng** and press .
3. Select **On** or **Off**.
4. Press  to confirm selection.

Turning Off the Ringer and Warning Sounds

If your handset rings or sounds a warning at an inconvenient moment, such as an alarm signal indicating the batteries are low, you can turn off the sound.



NOTE: *Turning off the sound does not effect key click.*

When sounds are turned off, you can still place and receive calls. The warning light and hook icon will flash to notify you of an incoming call.



To turn off sounds temporarily (while handset is ringing):

1. Quickly press .
2. The ring-off icon  will show on the handset display.

To turn off sounds permanently:

1. Press and hold  for at least one second.
2. The ring-off icon  will show on the handset display.

To turn sounds back on:

1. Press and hold  for at least one second.
2. The ring-off icon  will disappear on the handset display.

Other Settings

Changing the Display Light and Contrast

A back light illuminates the handset display when a key is pressed, during an incoming call, or when the handset is placed into its charger.

The display light automatically shuts down after 15 seconds if the handset is not in use.

You can adjust the display light to one of eight levels of contrast for easier viewing. You can also turn the display light off.

To turn the display light on or off:

1. Press **▼** or **▲** to access the menu.
2. Select **Handset>Display>Light** and press **YES**.
3. Select **Automatic** or **Off**.
4. Press **YES** to confirm selection.

To set the display contrast:

1. Press **▼** or **▲** to access the menu.
2. Select **Handset>Display>Contrast** and press **YES**.
3. The current setting displays.
4. Use **▼** or **▲** to adjust the contrast. Changes will show on the handset display.
5. Press **YES** to confirm selection.

Changing the Language for the Handset Menus

The default handset menu language is English, but two other language options, Spanish and French, are also available.

- NOTE:** Use caution when changing the handset menu language. An accidental choice could lead to difficulty understanding the prompts. If this happens, reset the default settings. For procedures, see "Default Handset Settings" on page 170.
- Changing languages applies only to the handset menu and does not effect software operation on your PC.
- To change the menu language:**
1. Press **▼** or **▲** to access the menu.
 2. Select **Handset>Language** and press **YES**.
 3. Use **▼** or **▲** to scroll through the list of languages until the preference is displayed.
 4. Press **YES** to confirm the choice.
 5. Press **CLEAR** to exit.

Setting Long Tones for Interactive Menus

The tones transmitted by the handset may be too short for some interactive information services. For example, if you are in a voicemail menu and are prompted to enter a number to access an option and cannot successfully access the option, it may be because the tones transmitted from your handset are too short to be recognized.

Should this happen, you can increase the length of the transmitted tones for the duration of the current call. When this feature is activated, a tone will transmit for as long as you press the key.

NOTE: This feature can only be used when a call is in progress.

To switch to long tones during a call:

1. Press **▼** or **▲** to access the handset menu.
2. Select **DialMode>DTMF-Long** and press **YES**.

To turn off long tones during a call:

1. Press **▼** or **▲** to access the handset menu.
2. Select **DialMode>DTMF-Short** and press **YES**.

Additional Handset Features

Muting the Handset Microphone

During a call, you may want to speak with a person within range of the handset without the caller hearing the conversation.

To mute the handset microphone:

Press and hold the **CLEAR** key. Short beeps indicate that the microphone is turned off. The microphone remains so until the **CLEAR** key is released.

or

Press **CLEAR** quickly. Short beeps indicate that the microphone is turned off. To switch the microphone on again, press **CLEAR** again.

Using the Optional Headset

NOTE: The Ericsson HS 24 headset provides optimum results with your handset because it has a noise-cancelling microphone. An optional headset is available for your handset. Ericsson recommends that you use the Ericsson HS 24 headset for maximum results. This headset can be purchased from the dealer where you purchased your CG 2400 system.

To use the headset:

1. Connect the headset to your handset by plugging it into the jack on the right side of the handset. The handset will automatically detect the headset presence and adjust performance accordingly.
2. Use the volume control keys on the handset to adjust the volume to a comfortable level. Press **or** one or more times until the desired volume is obtained. A warning tone will indicate that maximum or minimum volume has been reached.

To discontinue headset use, unplug the headset from the handset.

Automatic Answering

When a headset is attached to your handset, you can set your handset to answer incoming calls automatically. This allows full hands-free operation.

When automatic answering is on and a call comes in, a one-second beep sounds in the audio accessory, and the ringer sounds as well. After this beep, you are connected to the caller. The handset's speaker and microphone levels automatically adjust when an audio accessory is attached.

To turn automatic answering on or off:

1. Press **or** to access and move through the menu.
2. Select **Handset>AutoAnswer** and press **YES**.
3. Select **On** or **Off**.
4. Press **YES** to confirm selection.

Using the Handset as a Baby Monitor

With two handsets, you can use your CG 2400 system as a baby monitor.

Speaker handset This is the handset you keep with you to listen in on the baby's room from a distance.

Monitor handset This handset is placed in the baby's room to monitor and transmit sounds in the room to a speaker handset. The monitor handset places a call to the speaker handset. From the monitor handset, you can change the BabyPhone call number—the number of the handset you use to listen to the monitor.

When this feature is activated, the monitor handset automatically calls the speaker handset. The monitor handset mutes the ringer and earpiece so the baby is not disturbed. All keys on the monitor handset are

NOTE: If the battery in the monitor handset is low, the handset beeps at the speaker handset to warn the user.

blocked except for the **NO** key, which you can use to end the BabyPhone call.

If the BabyPhone call is interrupted, the speaker handset will display **BabyCallLost Reactivate?**, and the warning light stays on continuously. You can press **YES** to reestablish the call. When the call is reestablished, you hear a confirmation beep every half a minute from the speaker handset. The information tone can be turned off.

When you use the handset as a baby monitor, locate it in the room where it will easily pick up sounds but be out of reach of the baby or small child.

To set the BabyPhone call number:

1. Press **▼** or **▶** to access and move through the menu.
2. Select **Handset>BabyPhone>SetPhoneNo** and press **YES**. If an extension is currently set, the extension number displays.

To change the speaker extension number, press **CLEAR** to clear the old number, then type the new number.

3. Press **YES** to confirm.

To activate BabyPhone:

1. Press **▼** or **▶** to access and move through the menu.
2. Select **Handset>BabyPhone>Activate** and press **YES**.
3. If **BabyPhoneFailed** displays, either the handset number entered is incorrect or the phone is out of range. If **BabyPhone** displays, the monitor has been successfully activated.

End the BabyPhone function by pressing **NO**.

To turn the information tone on or off:

1. Press **▼** or **▶** to access and move through the menu.

2. Select **>Handset>BabyPhone>InfoTone** and press **YES**. The current setting displays.
3. Select **On** or **Off**.
4. Press **YES** to confirm selection.

Using Direct Call

Direct call is a feature that lets you program the handset to dial a set number regardless of which key is pressed. Direct call can be activated with *any* key on the keypad.

This feature is useful if there is a number that you call repeatedly, or if you want to program the phone for a child to contact you easily while you are out.

Storing a number in the direct call option and activating the option configures the handset to automatically ring the number by touching any key on the handset. This means that if any key is pressed, for example, by a small child, the same direct call number is always dialed.

Pressing any key again will end the call.


NOTE: Only one direct call can be stored at a time. When this feature is on, no other outgoing calls can be made, though calls can still be received.

When turning off the direct call feature, do the steps quickly to prevent the direct call number from dialing.

To store a direct call:





1. Press **▼** or **▶** to access the menu.
2. Select **>Handset>DirectCall** and press **YES**. **Enable Direct Call?** displays.
3. Press **YES** to confirm. **DirectC.No** is displayed.
4. Enter the number to be called.
5. If a direct call number has been set before, it will show on the display. To change the displayed number, press **CLEAR** until the old number is removed, then enter the new number.
6. Press **YES** to confirm the direct call function.

To take an incoming call when Direct Call is on:

1. When the phone rings, press  to answer the call.
2. Press any key to end the call.

NOTE: Do these procedures quickly. If you do not do each keystroke within 2 seconds of the previous one, the direct call number will be dialed.

To switch the direct call off:


1. Press  or  to access the menu.
2. Select **>DirectCall** and press . **Disable Direct Call?** is displayed.
3. Press  to confirm. The direct call function is now off.

Changing Call Forwarding Destinations

Call forwarding allows a user to route all calls to another user or mailbox on the system. You can change your call forwarding destination from the PC (see "Setting Call Routing" on page70) or from the handset.

You can also turn off call forwarding from the handset.

To change your call forwarding destination:

1. Press  on the handset. CyberGenie responds: *Who would you like to call?*


<u>VOICE (SAY)</u>	<u>KEY</u>	<u>OPTION DESCRIPTION</u>
CYBERGENIE	*	ACCESS CYBERGENIE

2. When CyberGenie responds:

<u>VOICE (SAY)</u>	<u>KEY</u>	<u>OPTION DESCRIPTION</u>
FORWARD MY CALLS	6 6	CYBERGENIE ASKS FOR THE FORWARDING DESTINATION

3. State the destination (*my mailbox* or a user's name), then confirm.

To turn off call forwarding:

1. Press . CyberGenie responds: *Who would you like to call?*

<u>VOICE (SAY)</u>	<u>KEY</u>	<u>OPTION DESCRIPTION</u>
CYBERGENIE	*	ACCESS CYBERGENIE

2. When CyberGenie responds:

<u>VOICE (SAY)</u>	<u>KEY</u>	<u>OPTION DESCRIPTION</u>
STOP FORWARDING	6 7	CYBERGENIE CONFIRMS THE CANCELLATION

Security Issues

Changing the Key Lock Status

You can use the key lock feature to prevent accidentally pressing a key or making an unintended call.

NOTE: Locking the keys does not effect your ability to receive calls.

To turn the key lock on or off:

1. Press **▼** or **▶** to access and move through the menu.
2. Select **>Handset>AutoKeyLock** and press **YES**.
3. Select **On** or **Off**, then press **YES** to confirm. After 60 seconds, if no handset keys are pressed, the handset will lock.

To temporarily unlock the keys:

1. If the keypad is locked, when you try to use it, **Press * TO UNLOCK** appears. To temporarily unlock the keys, press ***** then **YES** to confirm.
2. The handset keys will lock again after 60 seconds of no use.

Setting the Phone Lock

To prevent unauthorized use of a handset, you can program it so that the PIN code is required after switching the handset on. The Phone Lock option is off by default.

To set the phone lock:

1. Press **▼** or **▶** to access and move through the menu.
2. Select **>Handset>PhoneLock>PowerOn** and press **YES**. **Enter PIN** appears.
3. Enter the PIN code for the handset (default is **0000**) and press **YES**.
4. Select **On** or **Off**. Press **YES** to confirm.

Viewing the IPEI Code

The *International Portable Part Equipment Identity (IPEI)* code is a unique code assigned to the handset during manufacturing.

If you forget the handset PIN, you will need the IPEI to reset the PIN code to the default setting.

There are three ways to locate the IPEI code:

- By looking at the label on the original packaging.
- By opening the battery case on the handset and looking at the label under the battery.
- From the handset menu (procedures on the next page).

To view the IPEI code:

1. Press **▼** or **▶** to access the menu.
2. Select **>Information>InspectIPEI** and press **YES**. **Enter PIN** appears.
3. Enter the PIN code for the handset (default is **0000**). The IPEI appears.
4. Press **YES** to return to the previous menu.
5. Press **CLEAR** twice to return to the idle display.

NOTE: To increase handset security, remove labels from both the packaging and the handset and secure them safely.

Changing the PIN

The handset PIN code prevents unauthorized use of the handset or alteration of its settings. You can change the handset PIN code as needed to maintain handset security.

NOTE: The handset PIN controls handset access only. The system also uses personal PINs and system PINs to control access to the application.

NOTE: If you enter the wrong PIN three consecutive times, the handset blocks. To unblock the handset, see below.

To change the handset PIN code:

1. Press **▼** or **▲** to access and move through the menu.
2. Select **Handset>PhoneLock>ChangePIN** and press **YES**.
3. **EnterOldPIN** displays. Enter the current PIN code for the handset and press **YES**.
If the PIN entered does not match the current code, then **WrongPIN** appears. Try again.
If the PIN entered *does* match the current code, then **EnterNewPIN** appears.
4. Enter the four digits of the new **PIN** and press **YES**. **RepeatNewPIN** appears.
5. Enter the **PIN** code again and press **YES**.

Unblocking the Handset

An additional level of security is the *automatic locking* feature. If you enter an incorrect PIN code three consecutive times, the handset will lock up and **PIN Blocked, Unblock?** will show on the handset display. Should this happen, you will need the IPEI code to unlock the handset (see "Viewing the IPEI Code" on page163).

The default handset PIN code is **0000** but can be changed (see "Changing the PIN" on page163).

To unblock the handset:

1. Press **YES**. **Backdoor** appears. (*Backdoor* is a way of bypassing normal controls to get into a system.)
2. Enter the IPEI code and press **YES**. **EnterNewPin** appears.
3. Enter a new four-digit PIN Code and press **YES**. Once the new PIN is accepted, your handset will again be active.

NOTE: The IPEI code is located inside the handset battery cavity.

Controlling Base Station Subscription

You can set the handset so that the PIN code must be entered when adding or deleting a base station subscription. This option is off by default.

To set subscription control:

1. Press **▼** or **▲** to access and move through the menu.
2. Select **>Handset>PhoneLock>Subscription** and press **YES**. **Enter PIN** appears.
3. Enter the PIN code for the handset (default is **0000**) and press **YES**.
4. Select **On** or **Off**. Press **YES** to confirm.

Base Stations and Your Handset

You can view or change base station information through the handset menu. Options include:

- Selecting a different base station for handset subscription.
- Renaming a base station.
- Deleting (unsubscribing) a handset from a base station.
- Re-subscribing a handset to a base station. (This option would be used only if your handset is unsubscribed from the base station from the computer but not from the handset, and you want to subscribe it back to the base station.)
- Subscribing a new handset, or subscribing a handset to a new base station.

The handset that comes with your CG 2400 system is pre-subscribed to your base station. If your handset loses the base station connection, you will need to reestablish it.

If you buy additional handsets, these will also need to be subscribed to the base station.

You can also subscribe your handset to multiple base stations. For more information on how this is done, see "Subscribing a Handset to a Base Station" on page 168, or contact Ericsson technical support.

Selecting a Base Station

When the handset is switched on, the default configuration will connect to the last base station that was used. However, if you have multiple base stations within handset range, you have other options:

- If the handset cannot connect to the previously used base station and the **Automatic** option is

selected, the handset will automatically attempt to connect to the base station that has the strongest signal.

- If the handset is subscribed to multiple base stations, you can search for a particular one and select it. Selecting one particular base station locks the handset to look for that specific base station only. (You will not need this option if you have only one base station.)

To select a base station:

1. Press **▼** or **▶** to access and move through the menu.

1. Select **>BaseStation>Select** and press **YES**.

1. Select one of the following:

Automatic Automatically links the handset to the base station with the strongest signal.

[A specific base station] Select a specific base station from the displayed list of available base stations.

2. Press **YES** to confirm selection.

Renaming a Base Station








A base station is "named" on the handset for easy identification. This name displays briefly when you first power on the handset, or when you exit the handset menus using the **END** or **CLEAR** keys.

The default base station name is **Home**, but if you have multiple base stations, you may want to rename them.

The base station name is a maximum of 10 characters.

NOTE: A base station name change shows up only on the handset in which it is entered. It does not affect other handsets or the application.

To rename a base station:




1. Press  or  to access and move through the menu.
2. Select **>BaseStation>Rename** and press .
3. A list of base stations displays. Select the base station name to be edited, then press .
4. Edit the name:
 - Press  to delete the old name, one character at a time.
 - To enter a new name, press the corresponding key on the keypad for each letter. Press once for the first letter on the key, twice for the second, and three times for the third.
 - Press the  key to shift between upper and lower case. (See "Entering Non-Numeric Symbols from the Handset Keypad" on page 175 for a full table of symbols available from the keypad.)
5. When done, press  to save edits and exit.

Subscribing a Handset to a Base Station



NOTE: If using more than one base station, give each a unique authorization code to prevent unauthorized handset subscription.

A telephone network is an area in which handsets can make and receive calls using radio connections. A handset can be subscribed (radio connection established) to a maximum of eight base stations (telephone networks).

To subscribe to multiple base stations:

1. Press  or  to access the menu.
2. Select **>BaseStation>Subscribe** and press .







NOTE: Multiple base stations may overlap coverage. When the handset is within range of one or more telephone networks, the base station ID of the first one found displays.

3. Enter the base station authorization code. The code appears as  for security purposes when you enter it.
4. Press  to confirm.

Deleting a Base Station

You can delete a base station to which a handset is subscribed. After deletion, the handset can no longer lock to the base. Deleting a base station deletes the name of the base station and removes the subscription.

To delete a base station:





1. Press  or  to access the menu.
2. Select **>BaseStation>Delete** and press .
3. Use  or  to scroll through the series of base station numbers available.
4. Press  to confirm the deletion of selected base station.

Default Handset Settings

If you return the handset to default settings, you will clear:

- All customized handset settings (such as custom melody rings)
- Most recently dialed numbers
- Call statistics

To return to default handset settings:

1. Press  or  to access and move through the menu.
2. Select **>Handset>MasterReset** and press .
3. **ENTERPIN** or **Reset All Settings?** appears. If requested, enter the PIN code for the handset (the default is **0000**).
4. Press  to confirm.

Chapter 8 Handset Customization

What Can Be Customized




You can uniquely configure your handset for a variety of customized settings and functions, as well as view information using the handset keys. Customization options include:


- Setting the volume level
- Changing ringer sounds
- Turning the key click off and on
- Setting a "discreet" ring
- Turning all sounds off
- Changing the display light and contrast
- Changing the menu language
- Setting long tones (for interactive menus)
- Muting the microphone on the handset
- Using an optional headset
- Using the handsets as a baby monitor
- Limiting calls out (direct call)
- Controlling call forwarding
- Locking the handset to prevent calls and other security issues
- Using your handset with multiple base stations.

NOTE: All handset customization is specific to that handset, regardless of which user is assigned.

Some handset information and settings are available using a series of menus from the handset. Other settings can optionally be made using the handset keys directly.

Navigating the Handset Menus

Menus on the handset are accessed by using the  or  keys. Setting changes that have been confirmed with the  key remain stored in the handset memory, even when the handset is switched off. Changes that have not been confirmed are canceled.

If a call comes in while you are changing a setting, you can answer the call with the  key.


For an overview of the handset menu structure, see “Handset Display Menu Options” on page 41.

Sounds

You can adjust the handset volume to vary the sound level of an incoming call. You can also change the ringer melodies that distinguish the different call types: *internal*, *external*, *call back*, *message*, and *page*.







Adjusting the Volume Levels

Seven volume levels (0-6) can be set for the handset ring.

You can set a different volume level for each ring type: *internal*, *external*, *call back*, or *message*. When the volume reaches its lowest level (0), the ring off icon () shows on the handset display.

The ring volume can be adjusted both while the handset is ringing and when it is idle, but not while a call is in progress.



To adjust the ring volume level:




1. Press  or  to access and move through the menu.
2. Select **Handset>Alerts>RingVolume** and press .
3. Use  or  to adjust the volume silently or the volume control keys on the handset to adjust it audibly. Either method will show the changes on the handset display. Press  to confirm your selection.

Changing the Ringer Sound

For each call type you can select from one of 10 distinct ring sounds.

To change a ringer sound:

1. Press  or  to access and move through the menu.





2. Select **Handset>Alerts>RingType**.
3. Select the call type: **Internal**, **External**, **CallBack**, **Message**, or **Page**.
4. Use  or  to select between **Low**, **Medium**, **High**, **Mixed**, or **Melody 1** through **6**. As you move through the options, you hear each play. Press  to confirm selection.

Repeat this process until all call types are set to the preferred melodies.

Changing the Key Click

Key click is the sound you hear when a key is pressed on the handset. You can turn the sound on and off.





To enable/disable the key click:

1. Press  or  to access and move through the menu.
2. Select **Handset>Alerts>KeySound>Click** and press .
3. Select **On** or **Off**.
4. Press  to confirm selection.

Changing the Discreet Ring

A *discreet ring* is a ring that starts low and gradually increases. You can turn the discreet ring function on and off. The default is set to off.

To set the discreet ring:

1. Press  or  to access and move through the menu.
2. Select **Handset>Alerts>DiscreetRng** and press .
3. Select **On** or **Off**.
4. Press  to confirm selection.

Turning Off the Ringer and Warning Sounds

If your handset rings or sounds a warning at an inconvenient moment, such as an alarm signal indicating the batteries are low, you can turn off the sound.



NOTE: *Turning off the sound does not effect key click.*

When sounds are turned off, you can still place and receive calls. The warning light and hook icon will flash to notify you of an incoming call.



To turn off sounds temporarily (while handset is ringing):

1. Quickly press .
2. The ring-off icon  will show on the handset display.

To turn off sounds permanently:

1. Press and hold  for at least one second.
2. The ring-off icon  will show on the handset display.

To turn sounds back on:

1. Press and hold  for at least one second.
2. The ring-off icon  will disappear on the handset display.

Other Settings

Changing the Display Light and Contrast

A back light illuminates the handset display when a key is pressed, during an incoming call, or when the handset is placed into its charger.

The display light automatically shuts down after 15 seconds if the handset is not in use.

You can adjust the display light to one of eight levels of contrast for easier viewing. You can also turn the display light off.

To turn the display light on or off:

1. Press **▼** or **▲** to access the menu.
2. Select **Handset>Display>Light** and press **YES**.
3. Select **Automatic** or **Off**.
4. Press **YES** to confirm selection.

To set the display contrast:

1. Press **▼** or **▲** to access the menu.
2. Select **Handset>Display>Contrast** and press **YES**.
3. The current setting displays.
4. Use **▼** or **▲** to adjust the contrast. Changes will show on the handset display.
5. Press **YES** to confirm selection.

Changing the Language for the Handset Menus

The default handset menu language is English, but two other language options, Spanish and French, are also available.

- NOTE:** Use caution when changing the handset menu language. An accidental choice could lead to difficulty understanding the prompts. If this happens, reset the default settings. For procedures, see "Default Handset Settings" on page 170.
- Changing languages applies only to the handset menu and does not effect software operation on your PC.
- To change the menu language:**
1. Press **▼** or **▲** to access the menu.
 2. Select **Handset>Language** and press **YES**.
 3. Use **▼** or **▲** to scroll through the list of languages until the preference is displayed.
 4. Press **YES** to confirm the choice.
 5. Press **CLEAR** to exit.

Setting Long Tones for Interactive Menus

The tones transmitted by the handset may be too short for some interactive information services. For example, if you are in a voicemail menu and are prompted to enter a number to access an option and cannot successfully access the option, it may be because the tones transmitted from your handset are too short to be recognized.

Should this happen, you can increase the length of the transmitted tones for the duration of the current call. When this feature is activated, a tone will transmit for as long as you press the key.

NOTE: This feature can only be used when a call is in progress.

To switch to long tones during a call:

1. Press **▼** or **▲** to access the handset menu.
2. Select **DialMode>DTMF-Long** and press **YES**.

To turn off long tones during a call:

1. Press **▼** or **▲** to access the handset menu.
2. Select **DialMode>DTMF-Short** and press **YES**.

Additional Handset Features

Muting the Handset Microphone

During a call, you may want to speak with a person within range of the handset without the caller hearing the conversation.

To mute the handset microphone:

Press and hold the **CLEAR** key. Short beeps indicate that the microphone is turned off. The microphone remains so until the **CLEAR** key is released.

or

Press **CLEAR** quickly. Short beeps indicate that the microphone is turned off. To switch the microphone on again, press **CLEAR** again.

Using the Optional Headset

NOTE: The Ericsson HS 24 headset provides optimum results with your handset because it has a noise-cancelling microphone. An optional headset is available for your handset. Ericsson recommends that you use the Ericsson HS 24 headset for maximum results. This headset can be purchased from the dealer where you purchased your CG 2400 system.

To use the headset:

1. Connect the headset to your handset by plugging it into the jack on the right side of the handset. The handset will automatically detect the headset presence and adjust performance accordingly.
2. Use the volume control keys on the handset to adjust the volume to a comfortable level. Press **or** one or more times until the desired volume is obtained. A warning tone will indicate that maximum or minimum volume has been reached.

To discontinue headset use, unplug the headset from the handset.

Automatic Answering

When a headset is attached to your handset, you can set your handset to answer incoming calls automatically. This allows full hands-free operation.

When automatic answering is on and a call comes in, a one-second beep sounds in the audio accessory, and the ringer sounds as well. After this beep, you are connected to the caller. The handset's speaker and microphone levels automatically adjust when an audio accessory is attached.

To turn automatic answering on or off:

1. Press **or** to access and move through the menu.
2. Select **Handset>AutoAnswer** and press **YES**.
3. Select **On** or **Off**.
4. Press **YES** to confirm selection.

Using the Handset as a Baby Monitor

With two handsets, you can use your CG 2400 system as a baby monitor.

Speaker handset This is the handset you keep with you to listen in on the baby's room from a distance.

Monitor handset This handset is placed in the baby's room to monitor and transmit sounds in the room to a speaker handset. The monitor handset places a call to the speaker handset. From the monitor handset, you can change the BabyPhone call number—the number of the handset you use to listen to the monitor.

When this feature is activated, the monitor handset automatically calls the speaker handset. The monitor handset mutes the ringer and earpiece so the baby is not disturbed. All keys on the monitor handset are

NOTE: If the battery in the monitor handset is low, the handset beeps at the speaker handset to warn the user.

blocked except for the **NO** key, which you can use to end the BabyPhone call.

If the BabyPhone call is interrupted, the speaker handset will display **BabyCallLost Reactivate?**, and the warning light stays on continuously. You can press **YES** to reestablish the call. When the call is reestablished, you hear a confirmation beep every half a minute from the speaker handset. The information tone can be turned off.

When you use the handset as a baby monitor, locate it in the room where it will easily pick up sounds but be out of reach of the baby or small child.

To set the BabyPhone call number:

1. Press **▼** or **▶** to access and move through the menu.
2. Select **Handset>BabyPhone>SetPhoneNo** and press **YES**. If an extension is currently set, the extension number displays.

To change the speaker extension number, press **CLEAR** to clear the old number, then type the new number.

3. Press **YES** to confirm.

To activate BabyPhone:

1. Press **▼** or **▶** to access and move through the menu.
2. Select **Handset>BabyPhone>Activate** and press **YES**.
3. If **BabyPhoneFailed** displays, either the handset number entered is incorrect or the phone is out of range. If **BabyPhone** displays, the monitor has been successfully activated.

End the BabyPhone function by pressing **NO**.

To turn the information tone on or off:

1. Press **▼** or **▶** to access and move through the menu.

2. Select **>Handset>BabyPhone>InfoTone** and press **YES**. The current setting displays.
3. Select **On** or **Off**.
4. Press **YES** to confirm selection.

Using Direct Call

Direct call is a feature that lets you program the handset to dial a set number regardless of which key is pressed. Direct call can be activated with *any* key on the keypad.

This feature is useful if there is a number that you call repeatedly, or if you want to program the phone for a child to contact you easily while you are out.

Storing a number in the direct call option and activating the option configures the handset to automatically ring the number by touching any key on the handset. This means that if any key is pressed, for example, by a small child, the same direct call number is always dialed.

Pressing any key again will end the call.


NOTE: Only one direct call can be stored at a time. When this feature is on, no other outgoing calls can be made, though calls can still be received.

When turning off the direct call feature, do the steps quickly to prevent the direct call number from dialing.

To store a direct call:





1. Press **▼** or **▶** to access the menu.
2. Select **>Handset>DirectCall** and press **YES**. **Enable Direct Call?** displays.
3. Press **YES** to confirm. **DirectC.No** is displayed.
4. Enter the number to be called.
5. If a direct call number has been set before, it will show on the display. To change the displayed number, press **CLEAR** until the old number is removed, then enter the new number.
6. Press **YES** to confirm the direct call function.

To take an incoming call when Direct Call is on:

1. When the phone rings, press  to answer the call.
2. Press any key to end the call.

NOTE: Do these procedures quickly. If you do not do each keystroke within 2 seconds of the previous one, the direct call number will be dialed.

To switch the direct call off:


1. Press  or  to access the menu.
2. Select **>DirectCall** and press . **Disable Direct Call?** is displayed.
3. Press  to confirm. The direct call function is now off.

Changing Call Forwarding Destinations

Call forwarding allows a user to route all calls to another user or mailbox on the system. You can change your call forwarding destination from the PC (see "Setting Call Routing" on page70) or from the handset.

You can also turn off call forwarding from the handset.

To change your call forwarding destination:

1. Press  on the handset. CyberGenie responds: *Who would you like to call?*


<u>VOICE (SAY)</u>	<u>KEY</u>	<u>OPTION DESCRIPTION</u>
CYBERGENIE	*	ACCESS CYBERGENIE

2. When CyberGenie responds:

<u>VOICE (SAY)</u>	<u>KEY</u>	<u>OPTION DESCRIPTION</u>
FORWARD MY CALLS	6 6	CYBERGENIE ASKS FOR THE FORWARDING DESTINATION

3. State the destination (*my mailbox* or a user's name), then confirm.

To turn off call forwarding:

1. Press . CyberGenie responds: *Who would you like to call?*

<u>VOICE (SAY)</u>	<u>KEY</u>	<u>OPTION DESCRIPTION</u>
CYBERGENIE	*	ACCESS CYBERGENIE

2. When CyberGenie responds:

<u>VOICE (SAY)</u>	<u>KEY</u>	<u>OPTION DESCRIPTION</u>
STOP FORWARDING	6 7	CYBERGENIE CONFIRMS THE CANCELLATION

Security Issues

Changing the Key Lock Status

You can use the key lock feature to prevent accidentally pressing a key or making an unintended call.

NOTE: Locking the keys does not effect your ability to receive calls.

To turn the key lock on or off:

1. Press **▼** or **▶** to access and move through the menu.
2. Select **>Handset>AutoKeyLock** and press **YES**.
3. Select **On** or **Off**, then press **YES** to confirm. After 60 seconds, if no handset keys are pressed, the handset will lock.

To temporarily unlock the keys:

1. If the keypad is locked, when you try to use it, **Press * TO UNLOCK** appears. To temporarily unlock the keys, press ***** then **YES** to confirm.
2. The handset keys will lock again after 60 seconds of no use.

Setting the Phone Lock

To prevent unauthorized use of a handset, you can program it so that the PIN code is required after switching the handset on. The Phone Lock option is off by default.

To set the phone lock:

1. Press **▼** or **▶** to access and move through the menu.
2. Select **>Handset>PhoneLock>PowerOn** and press **YES**. **Enter PIN** appears.
3. Enter the PIN code for the handset (default is **0000**) and press **YES**.
4. Select **On** or **Off**. Press **YES** to confirm.

Viewing the IPEI Code

The *International Portable Part Equipment Identity (IPEI)* code is a unique code assigned to the handset during manufacturing.

If you forget the handset PIN, you will need the IPEI to reset the PIN code to the default setting.

There are three ways to locate the IPEI code:

- By looking at the label on the original packaging.
- By opening the battery case on the handset and looking at the label under the battery.
- From the handset menu (procedures on the next page).

To view the IPEI code:

1. Press **▼** or **▶** to access the menu.
2. Select **>Information>InspectIPEI** and press **YES**. **Enter PIN** appears.
3. Enter the PIN code for the handset (default is **0000**). The IPEI appears.
4. Press **YES** to return to the previous menu.
5. Press **CLEAR** twice to return to the idle display.

NOTE: To increase handset security, remove labels from both the packaging and the handset and secure them safely.

Changing the PIN

The handset PIN code prevents unauthorized use of the handset or alteration of its settings. You can change the handset PIN code as needed to maintain handset security.

NOTE: The handset PIN controls handset access only. The system also uses personal PINs and system PINs to control access to the application.

NOTE: If you enter the wrong PIN three consecutive times, the handset blocks. To unblock the handset, see below.

To change the handset PIN code:

1. Press or to access and move through the menu.
2. Select **Handset>PhoneLock>ChangePIN** and press .
3. **EnterOldPIN** displays. Enter the current PIN code for the handset and press .
If the PIN entered does not match the current code, then **WrongPIN** appears. Try again.
If the PIN entered *does* match the current code, then **EnterNewPIN** appears.
4. Enter the four digits of the new **PIN** and press . **RepeatNewPIN** appears.
5. Enter the **PIN** code again and press .

Unblocking the Handset

An additional level of security is the *automatic locking* feature. If you enter an incorrect PIN code three consecutive times, the handset will lock up and **PIN Blocked, Unblock?** will show on the handset display. Should this happen, you will need the IPEI code to unlock the handset (see "Viewing the IPEI Code" on page163).

The default handset PIN code is **0000** but can be changed (see "Changing the PIN" on page163).

To unblock the handset:

1. Press . **Backdoor** appears. (*Backdoor* is a way of bypassing normal controls to get into a system.)
2. Enter the IPEI code and press . **EnterNewPin** appears.
3. Enter a new four-digit PIN Code and press . Once the new PIN is accepted, your handset will again be active.

NOTE: The IPEI code is located inside the handset battery cavity.

Controlling Base Station Subscription

You can set the handset so that the PIN code must be entered when adding or deleting a base station subscription. This option is off by default.

To set subscription control:

1. Press or to access and move through the menu.
2. Select **>Handset>PhoneLock>Subscription** and press . **Enter PIN** appears.
3. Enter the PIN code for the handset (default is **0000**) and press .
4. Select **On** or **Off**. Press to confirm.

Base Stations and Your Handset

You can view or change base station information through the handset menu. Options include:

- Selecting a different base station for handset subscription.
- Renaming a base station.
- Deleting (unsubscribing) a handset from a base station.
- Re-subscribing a handset to a base station. (This option would be used only if your handset is unsubscribed from the base station from the computer but not from the handset, and you want to subscribe it back to the base station.)
- Subscribing a new handset, or subscribing a handset to a new base station.

The handset that comes with your CG 2400 system is pre-subscribed to your base station. If your handset loses the base station connection, you will need to reestablish it.

If you buy additional handsets, these will also need to be subscribed to the base station.

You can also subscribe your handset to multiple base stations. For more information on how this is done, see "Subscribing a Handset to a Base Station" on page 168, or contact Ericsson technical support.

Selecting a Base Station

When the handset is switched on, the default configuration will connect to the last base station that was used. However, if you have multiple base stations within handset range, you have other options:

- If the handset cannot connect to the previously used base station and the **Automatic** option is

selected, the handset will automatically attempt to connect to the base station that has the strongest signal.

- If the handset is subscribed to multiple base stations, you can search for a particular one and select it. Selecting one particular base station locks the handset to look for that specific base station only. (You will not need this option if you have only one base station.)

To select a base station:

1. Press **▼** or **▶** to access and move through the menu.

1. Select **>BaseStation>Select** and press **YES**.

1. Select one of the following:

Automatic Automatically links the handset to the base station with the strongest signal.

[A specific base station] Select a specific base station from the displayed list of available base stations.

2. Press **YES** to confirm selection.

Renaming a Base Station








A base station is "named" on the handset for easy identification. This name displays briefly when you first power on the handset, or when you exit the handset menus using the **END** or **CLEAR** keys.

The default base station name is **Home**, but if you have multiple base stations, you may want to rename them.

The base station name is a maximum of 10 characters.

NOTE: A base station name change shows up only on the handset in which it is entered. It does not affect other handsets or the application.

To rename a base station:




1. Press  or  to access and move through the menu.
2. Select **>BaseStation>Rename** and press .
3. A list of base stations displays. Select the base station name to be edited, then press .
4. Edit the name:
 - Press  to delete the old name, one character at a time.
 - To enter a new name, press the corresponding key on the keypad for each letter. Press once for the first letter on the key, twice for the second, and three times for the third.
 - Press the  key to shift between upper and lower case. (See "Entering Non-Numeric Symbols from the Handset Keypad" on page 175 for a full table of symbols available from the keypad.)
5. When done, press  to save edits and exit.

Subscribing a Handset to a Base Station



NOTE: If using more than one base station, give each a unique authorization code to prevent unauthorized handset subscription.

A telephone network is an area in which handsets can make and receive calls using radio connections. A handset can be subscribed (radio connection established) to a maximum of eight base stations (telephone networks).

To subscribe to multiple base stations:

1. Press  or  to access the menu.
2. Select **>BaseStation>Subscribe** and press .







NOTE: Multiple base stations may overlap coverage. When the handset is within range of one or more telephone networks, the base station ID of the first one found displays.

3. Enter the base station authorization code. The code appears as  for security purposes when you enter it.
4. Press  to confirm.

Deleting a Base Station

You can delete a base station to which a handset is subscribed. After deletion, the handset can no longer lock to the base. Deleting a base station deletes the name of the base station and removes the subscription.

To delete a base station:





1. Press  or  to access the menu.
2. Select **>BaseStation>Delete** and press .
3. Use  or  to scroll through the series of base station numbers available.
4. Press  to confirm the deletion of selected base station.

Default Handset Settings

If you return the handset to default settings, you will clear:

- All customized handset settings (such as custom melody rings)
- Most recently dialed numbers
- Call statistics

To return to default handset settings:

1. Press  or  to access and move through the menu.
2. Select **>Handset>MasterReset** and press .
3. **ENTERPIN** or **Reset All Settings?** appears. If requested, enter the PIN code for the handset (the default is **0000**).
4. Press  to confirm.