

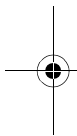
For information about product operation or warranty support, visit our Web site at www.siemenscordless.com or call these toll-free numbers:

**Customer Technical Support:
(888) 777-0211**

TDD access: (888) 777-0209

**TTY Customer Technical Support:
(888) 777-0209**

For information about purchasing more handsets for the Gigaset 2402 system, please visit our Web site at www.siemenscordless.com or call (877) 267-3373.



Communication Devices

May 1999

Siemens and Gigaset are registered trademarks of Siemens AG.

Communication Devices is a division of Siemens Information and Communications Products LLC.

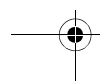
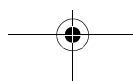
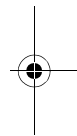
RBRC™ is a trademark of the Rechargeable Battery Recycling Corporation.

Information subject to change since Siemens reserves the right, without notice, to make changes in equipment design or components as progress in engineering or manufacturing methods warrant.

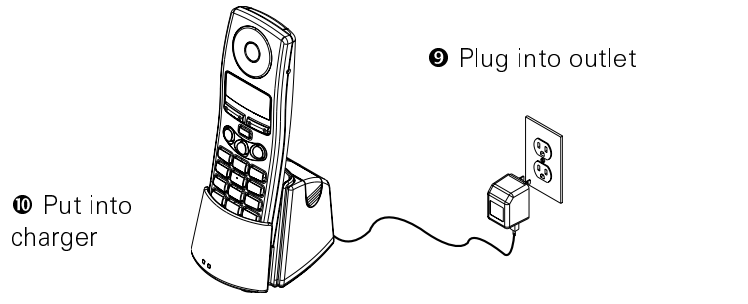
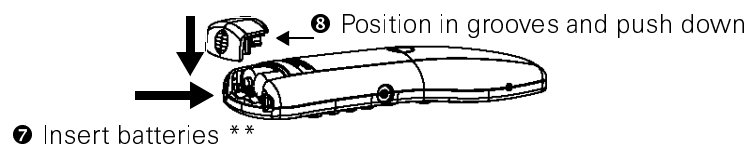
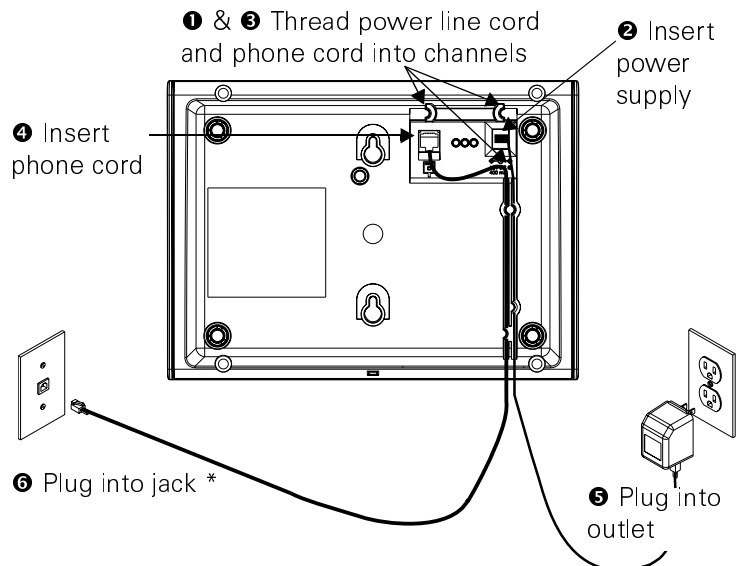
Order Number: AX2402PUBS

Part Number: A30883-N1-2402-A2-2-7619

© Siemens1999 ALL RIGHTS RESERVED.

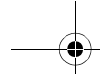


QUICK START INSTALLATION



The phone must charge for at least eight hours before use. For more detailed instructions, see page 1.

* May need to use the Y telephone line cord if you have two lines.
** Be careful to position batteries according to the illustration on the inside of the battery compartment.

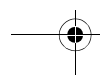
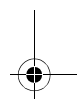
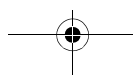
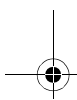
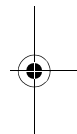
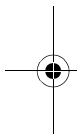


Getting Your System Up and Running

1. Install the base controller and insert batteries in the handset(s). See page 1.
2. Let the handsets charge for eight hours.
3. Register additional handsets. See page 39. (Handsets shipped with the base controller are already registered to it.)
4. Place the handsets wherever you like. They do not need direct phone jack connection.

How to	See
Call another handset	pages v and 11
Transfer a call	pages vii, viii, and 18
Add someone to a call	pages ix, 20, and 21
Lock the handset or keyboard	pages 10 and 32
Set up the handset as a room monitor	page 33
Find out the system's range	page 10
Set up a personal directory	page 23
Copy a directory to another handset	page 26

Look at default settings in *Appendix C: "Programming Worksheet" on page 59*, before customizing your settings. You may not need to adjust them.



CALLING ANOTHER HANDSET

1.



Press

2. Any Handset



Press OR *



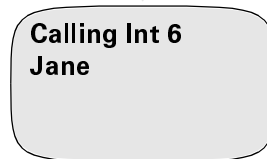
Specific Handset



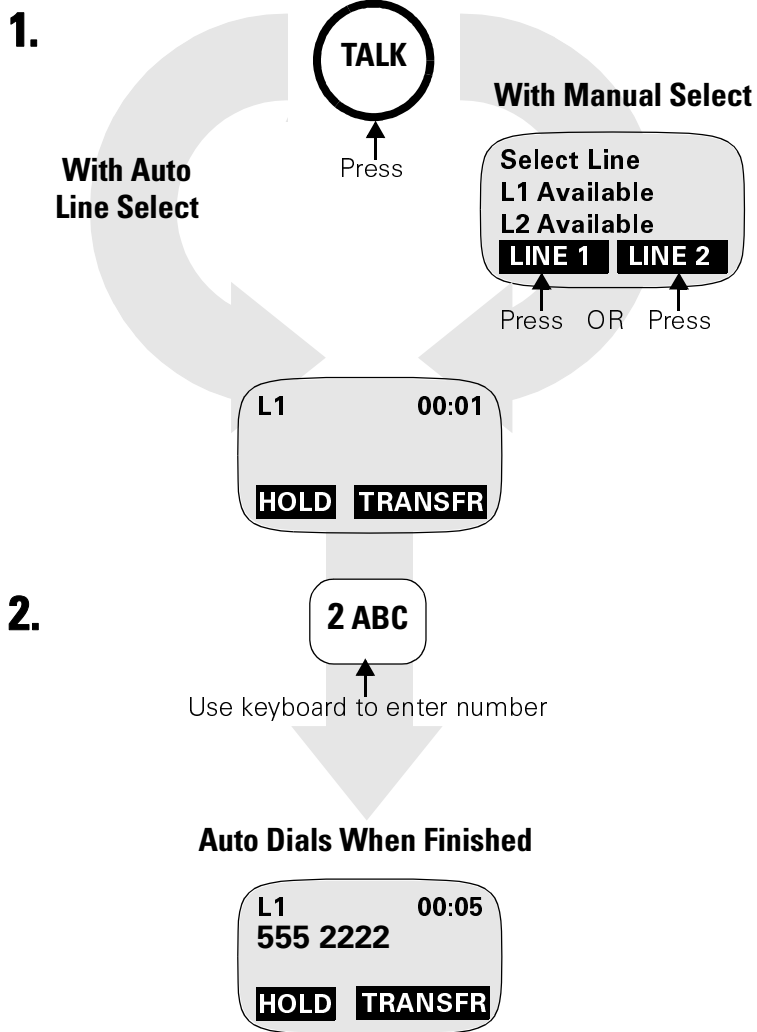
May press to scroll



Press keyboard number



CALLING EXTERNAL NUMBERS



* External numbers only.

FAST TRANSFER

External Call to Another Handset

1. L1 00:01
555 2222
HOLD TRANSFR

Press

2. Transfer To:
2 Kyle 4 Jamie
3 Keith
ALL INT

Press OR *
OR INT #

Internal Call to External Line

Int 2
Intercom 2
HOLD

Press OR CONF

TALK


Press

2 ABC

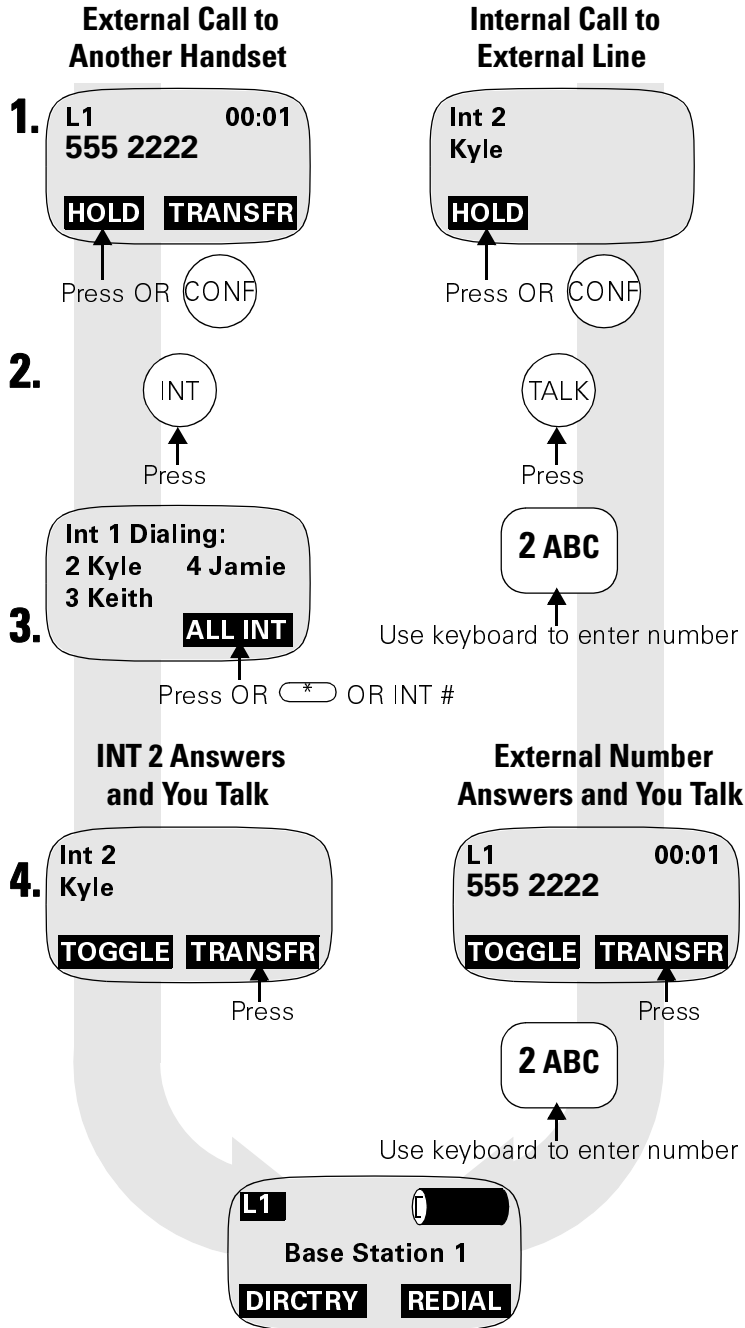
Use keyboard to enter number

L1 00:21
555 2222
TOGGLE TRANSFR

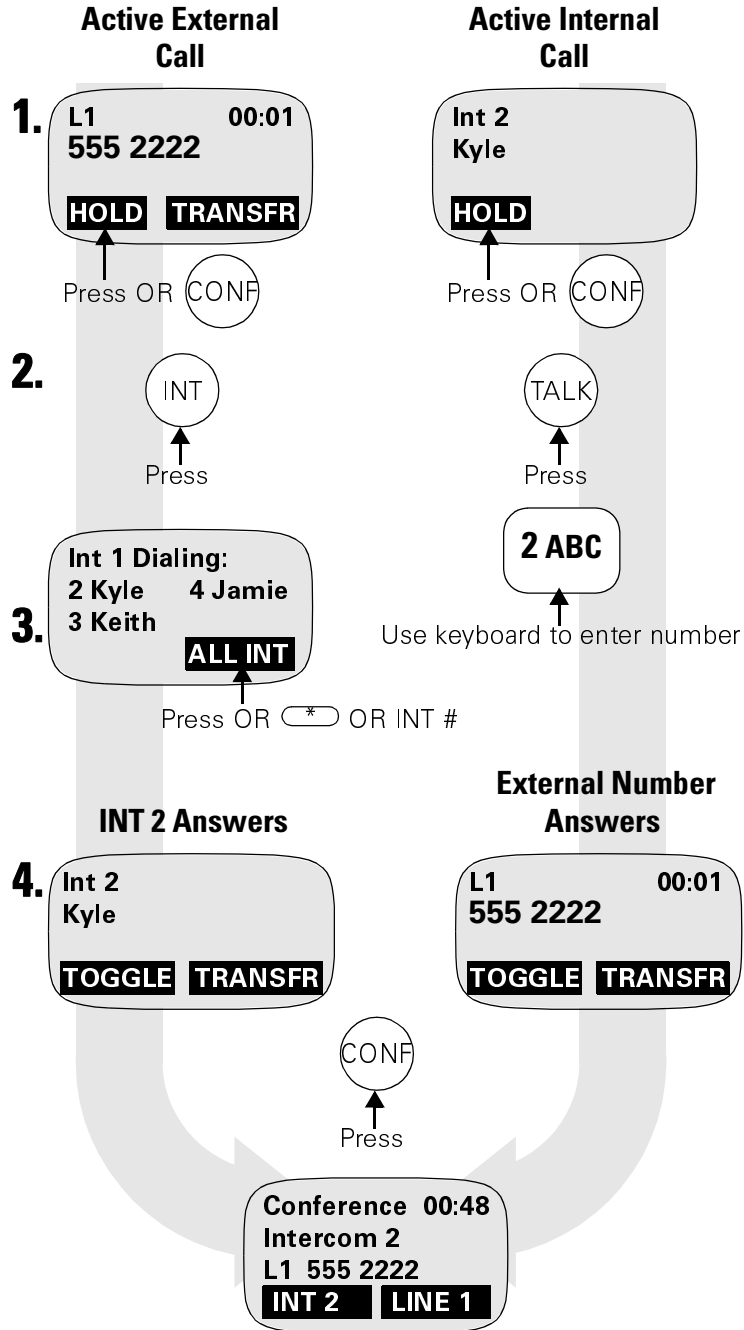
Press then Press

L1 
Base Station 1
DIRCTRY REDIAL

ANNOUNCED TRANSFER



CREATING A CONFERENCE CALL



REGISTERING A HANDSET

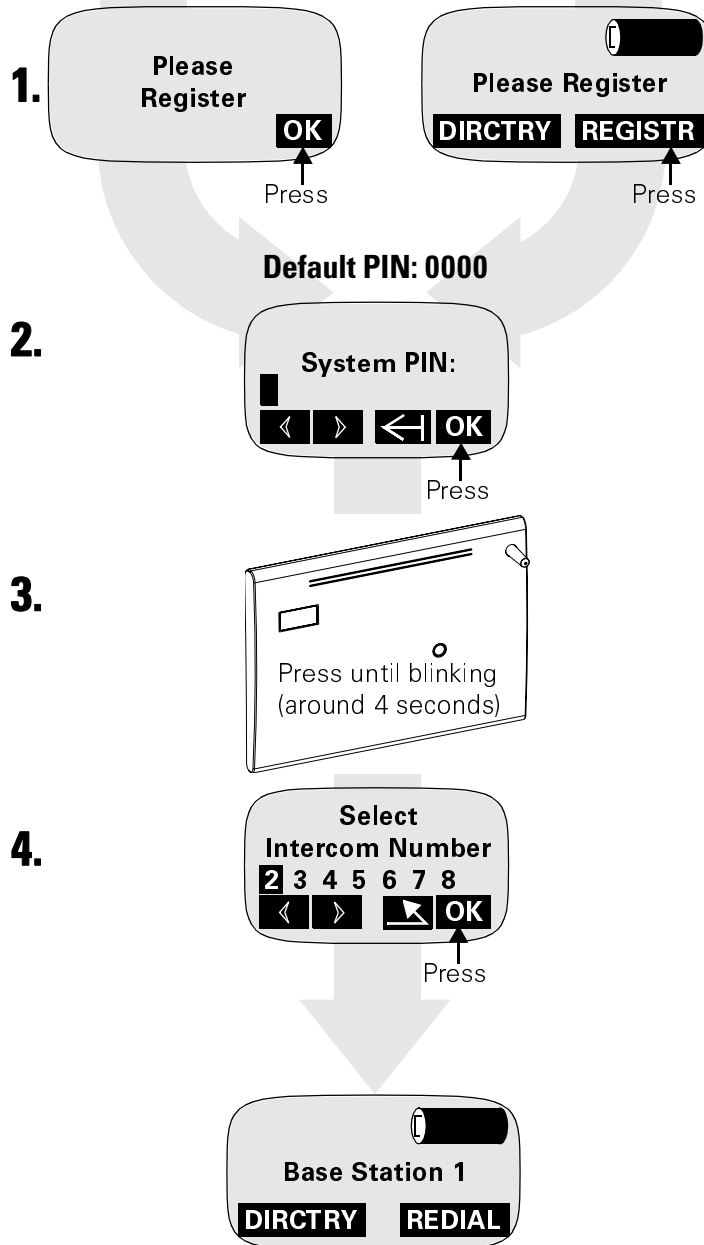
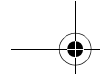
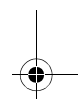
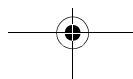
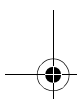
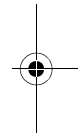
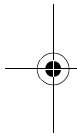


Table of Contents

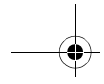
QUICK START INSTALLATION	iii
Getting Your System Up and Running	iv
CALLING ANOTHER HANDSET	v
CALLING EXTERNAL NUMBERS	vi
FAST TRANSFER.....	vii
ANNOUNCED TRANSFER	viii
CREATING A CONFERENCE CALL	ix
REGISTERING A HANDSET	x
Important Safety Instructions and Product Information	xiv
BATTERY PRECAUTIONS.....	xvi
NOTICES	xviii
LIMITED WARRANTY.....	xx
1 Installation	1
CONTENTS OF SYSTEM BOX	1
INSTRUCTIONS	2
CHARGING EXTRA BATTERIES	6
2 The Basics	7
GET MORE FROM YOUR SYSTEM	7
Operational Range	7
BASE CONTROLLER.....	7
CORDLESS HANDSET.....	8
Keys and the Display Area	8
Understanding Displays	8
GENERAL INFORMATION	10
System Capabilities	10
Keyboard Protect	10



3	Making, Answering, and Ending Calls	11
	GET MORE FROM YOUR SYSTEM	11
	CALLING ANOTHER HANDSET	11
	MAKING EXTERNAL CALLS	12
	Making a Call While a Call is Coming In	12
	Redial	13
	Block Dialing	14
	Dialing from the Directory and Call Log	14
	ANSWERING CALLS	14
	Both Lines Ring Simultaneously	15
	While on Another Line	15
	While Using the Directory or Call Log	16
	While on a Conference Call	16
	ENDING CALLS	16
4	Managing Calls	17
	GET MORE FROM YOUR SYSTEM	17
	PUTTING CALLS ON HOLD	17
	Consultation Hold	18
	Call Waiting	18
	TRANSFERRING CALLS	18
	Fast Transfer	18
	Announced Transfer	20
	CONFERENCE CALLS	20
	Creating a Conference	21
	Ending a Conference	21
	PRESERVING CALL PRIVACY	22
5	Directory and Call Log	23
	GET MORE FROM YOUR SYSTEM	23
	DIRECTORY	23
	Directory Menu	23
	Working with Directory Entries	26
	CALL LOG	28
	Working with Call Log	29
6	Exploring the Menu Key	31
	GET MORE FROM YOUR SYSTEM	31
	TELEPHONE LOCK	32
	Locking	32
	Making an Emergency Call	32
	Unlocking	32



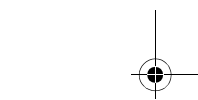
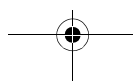
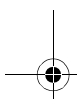
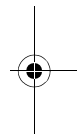
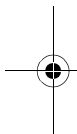
ROOM MONITOR	33
Picking which Handset Should be Alerted	33
Adjusting the Trigger Level	33
Enabling/Disabling	33
MOBILE SETTINGS	33
Handset Volume	34
Ringer Settings	34
Local Settings	34
BASE SETTINGS	37
Set Search	37
Change Name	38
Register/Deregister	39
SYSTEM SETTINGS	42
Assign Name	42
Call Barring	43
System PIN	44
Auto Line Select	44
Line Access	45
Line Config	45
Privacy	47
Caller ID	47
Call Log	48
Long Dist Prefix	48
Area Codes	49
Deregister	50
Factory Defaults	50
A Menu Trees	51
MAIN MENU TREE	51
SYSTEM SETTINGS MENU TREE	52
MOBILE SETTINGS MENU TREE	54
B Troubleshooting	55
C Programming Worksheet	59
D Product Specifications	61
BASE CONTROLLER	61
CHARGER	61
HANDSET	62
E Wall Mounting Template	63
Index	65

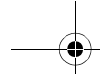


Important Safety Instructions and Product Information

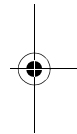
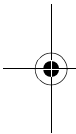
BEFORE USING YOUR TELEPHONE EQUIPMENT, YOU SHOULD ALWAYS FOLLOW BASIC SAFETY INSTRUCTIONS TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK AND INJURY TO PERSONS, AND DAMAGE TO PROPERTY.

1. Read and understand all instructions.
2. Follow all warnings and instructions including those marked on the product.
3. Unplug this product from the wall telephone jack and power outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use damp cloth for cleaning.
4. Do not install the base controller in the bathroom or near a wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots or openings in the cabinet back and bottom of the base controller, charger, and handsets are provided for ventilation, to protect them from over-heating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed or other similar surface. This product should never be placed near or over a radiator or heat register. Do not place this product in a built-in installation unless proper ventilation is provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. Do not overload wall outlets and extension cords as this can result in fire or electrical shock.

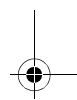
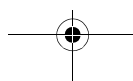
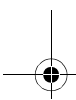




9. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in fire, electrical shock, or injury. Never spill liquid of any kind on this product.
10. To reduce the risk of electrical shock or burns, do not disassemble this product. Opening or removing covers may expose you to dangerous voltages, dangerous electrical current, or other risks. Incorrect reassembly can cause electrical shock when the appliance is subsequently used. If the product needs repair, call Customer Technical Support at (888) 777-0211.
11. Unplug the base controller from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a. If liquid has been spilled into the product.
 - b. If the product has been exposed to rain or water.
 - c. If the product does not operate normally when following the operating instructions in this manual. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by qualified service personnel to restore the product to normal operation.
 - d. If the product has been dropped or cabinet has been damaged.
 - e. If the product exhibits a distinct change in performance.
12. Avoid using telephone during an electrical storm. There may be a risk of electrical shock from lightning.
13. Do not use the telephone to report a gas leak in the vicinity of the leak.
14. The antenna on the base controller does not retract. To prevent injury, do not place the telephone where persons can step, trip, or fall on the telephone.
15. Do not place metal objects on the antenna.
16. Do not install the base controller or charger near microwave ovens, radio equipment, or non-ground connected televisions. These appliances may cause electrical interference to the base controller or handset.



Safety Instructions •



17. The base controller must be placed on a hard, flat surface and connected to both a phone wall jack and a functional 110 volt AC power outlet.
18. The charger must be placed on a hard, flat surface and connected to a functional 110 volt AC power outlet.
19. This telephone will not operate in the event of a blackout. Please keep a backup phone for emergencies.

BATTERY PRECAUTIONS

To reduce the risk of fire, injury or electrical shock, or property damage, and to properly dispose of batteries, please read and understand the following instructions.

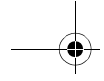


Ni-Cd

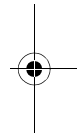
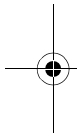
THIS PRODUCT CONTAINS NICKEL CADMIUM BATTERIES. BATTERIES MUST BE RECYCLED OR DISPOSED OF PROPERLY. DO NOT DISPOSE OF IN MUNICIPAL WASTE.

1. Only use type AA rechargeable Nickel-Cadmium (Ni-Cd) or type AA Nickel-Metal Hydride (NiMH) rechargeable batteries in the handset and reserve battery compartment.

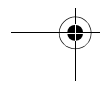
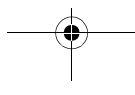
DO NOT use other rechargeable batteries or non-rechargeable batteries. The batteries could short-circuit, and the battery shell may be damaged causing a hazardous condition. Instruction labels are located in the handset and charging unit battery compartment.
2. Always follow basic safety precautions when using and disposing of batteries. Do not dispose of the batteries in a fire; the cells may explode. Do not expose batteries to water. Check with local codes for special disposal instructions.
3. DO NOT USE ALKALINE OR LITHIUM BATTERIES IN THE HANDSET BATTERY CHARGER OR RESERVE BATTERY COMPARTMENT.
4. Periodically clean the charge contacts on both the charger and handset.
5. DO NOT mix old and new batteries in this product.

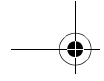


6. Position positive (+) battery contact to match diagram in handset and spare battery compartment.
7. Charge the batteries provided with, or identified for use with, this product only in accordance with the instructions and limitations specified in this manual.
8. Exercise care in handling batteries in order not to short the batteries with conducting materials such as rings, bracelets, and keys. The batteries or conducting material may overheat and cause burns or fire.
9. Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. The electrolyte may be toxic if swallowed.
10. Only use the same rechargeable battery type. DO NOT combine Ni-Cd and NiMH rechargeable battery types.
11. During charging, batteries heat up. This is normal and is not dangerous.
12. Do not use non-Siemens charging devices. This could damage the batteries.
13. The RBRC™ Battery Recycling Seal on the nickel-cadmium (Ni-Cd) batteries contained in the battery charger and handset indicates Siemens is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service within the United States or Canada. The RBRC program provides a convenient alternative to placing used Ni-Cd batteries into the trash or municipal waste stream, which is illegal in some areas. Please call 1-800-8-BATTERY for information on Ni-Cd battery recycling in your area. Siemens involvement in this program is part of our commitment to preserving our environment and conserving our natural resources.



Warning: Changes or modifications to this unit not expressly approved by Siemens Business Communication Systems could void the FCC authority to operate the equipment.





NOTICES

NOTICE: The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network, protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

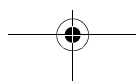
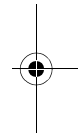
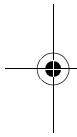
Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

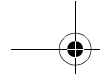
Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

CAUTION: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

NOTE: This telephone system complies with Part 68 of the FCC rules. On the bottom of the base controller is a label that contains, among other information, the FCC Registration Number, Ringer Equivalence number (REN) and the Universal Service Order Code (USOC), which is RJ-11C, for this equipment. You must, upon request, provide this information to your telephone company.

The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those 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 five (5.0). 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 to determine the maximum REN for your calling area.

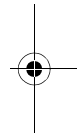
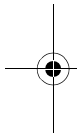




If your telephone equipment causes harm to the telephone network, the telephone company may ask you to disconnect the system from the line until the problem has been corrected or they may discontinue your service temporarily. If possible, they will notify you in advance. But if advance notice is not practical, you should be notified as soon as possible. You will be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper functioning of your telephone system. If they do and it is possible, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service. If you experience trouble with this telephone system, disconnect it from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.

This telephone system may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs. **Privacy of communications may not be ensured when using this phone.**



This telephone system equipment has been tested and found to comply with the limits for 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 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.

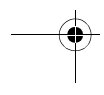
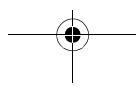
This device complies with the requirements of Industry Canada. It requires a radio licence unless it (including antenna) is installed totally inside a building. (User must obtain this licence from Industry Canada.)

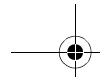
Some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base controller should not be placed near or on top of a TV, PC monitor, or VCR. If interference is experienced, moving the base controller farther away from the TV or VCR will often reduce or eliminate the interference. However, there is no guarantee that interference will not occur in a particular installation. If this telephone system does cause harmful interfer-



Safety Instructions •

xix





ence to radio or television reception, which can be determined by turning the system off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Increase the separation between the base controller and affected appliance.
2. Connect the base controller into an outlet on a circuit different from that to which the affected appliance is connected.
3. Consult the dealer or an experienced radio TV technician for help.

Notice to Hearing Aid Wearers: This phone system is compatible with inductively coupled hearing aids.

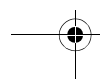
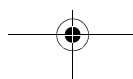
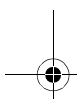
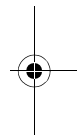
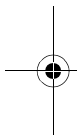
Power Outage: In the event of a power outage, your cordless telephone will not operate. The cordless telephone requires electricity for operation. You should have a telephone which does not require electricity available for use during power outages.

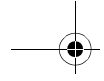
LIMITED WARRANTY

This limited, non-transferable warranty is provided to the original purchaser. The product is warranted to be free from defects in materials and workmanship under normal installation, use, and service for a period of one (1) year from the date of purchase as shown on the purchaser's receipt. Batteries provided (AA rechargeable Ni-Cd) are warranted to be free from defects at time of purchase.

Our obligation under this warranty is limited to repair or replacement (at our option) of the product or any part(s) which are defective provided that the product is returned to the original place of purchase or an authorized service location during the warranty period. Products returned must be accompanied by a copy of the purchase receipt. In the absence of a purchase receipt, the warranty period shall be one (1) year from the date of manufacture. Repair or replacement of the product is your sole and exclusive remedy.

If the product is repaired, reconditioned component parts or materials may be used. If the product is replaced, we may choose to replace it with a new or reconditioned product of the same or similar design. The repaired or replacement product will be warranted



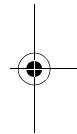
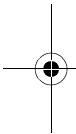


for either (a) 90 days or (b) the remainder of the original one (1) year warranty period, whichever is longer.

This warranty does not apply to defects outside of our control, including but not limited to acts of God, fire, flood, and damage while in transit to service facility. We do not warranty that the product will be compatible with any telephone equipment, systems, or party lines.

This warranty shall be void if the product is damaged as a result of defacement, misuse, abuse, neglect, accidents, destruction or alteration of the serial number, improper electrical voltages or currents, repair, alteration or maintenance by any person or party other than our authorized service facility, or any violation of instructions furnished by us.

This warranty is also void if this product is removed from the country in which it was purchased by the original purchaser, if it is used in a country in which it is not registered for use, or if it is used in a country for which it was not designed. Due to variations in telephone systems and communications laws, this product may be illegal for use in some countries. We assume no responsibility for damages or penalties incurred resulting from the use of this product in a manner or location other than that for which it is intended.



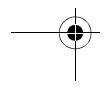
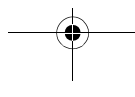
THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED. ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN LIMITED WARRANTY. WE DISCLAIM ANY LIABILITY FOR DAMAGES FOR LOSS OF USE OF THE PRODUCTS, LOSS OF TIME, INCONVENIENCE, INJURY TO ANY PERSON, OR DAMAGE TO PROPERTY CAUSED BY THE PRODUCT, LOSS OF REVENUE OR PROFIT, OR DAMAGES FOR ANY FAILURE TO PERFORM. IN NO EVENT SHALL WE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES EVEN IF WE ARE ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

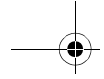
Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

This warranty is the sole and exclusive warranty provided for the product. There are no other express warranties. This warranty

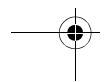
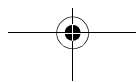
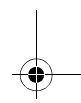
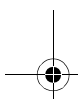
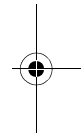
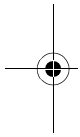


Safety Instructions •





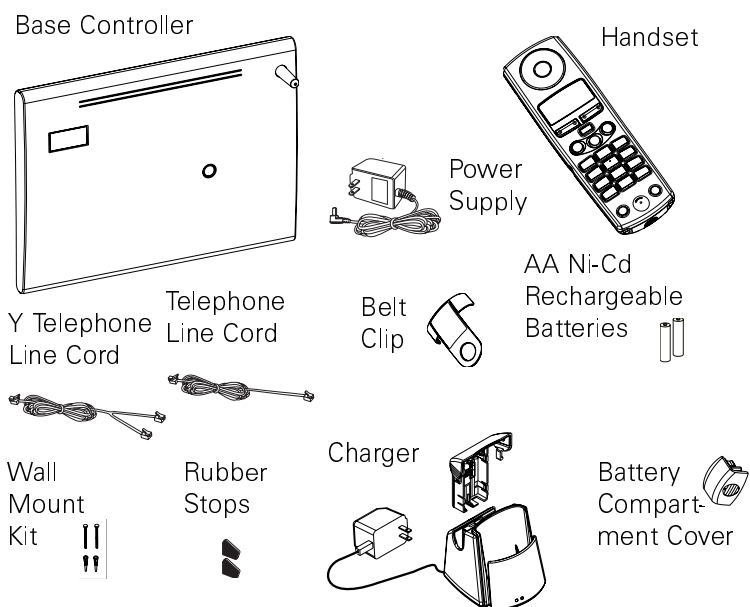
gives you specific legal rights, and you may also have other rights, which vary from state to state.



Chapter 1

Installation

CONTENTS OF SYSTEM BOX



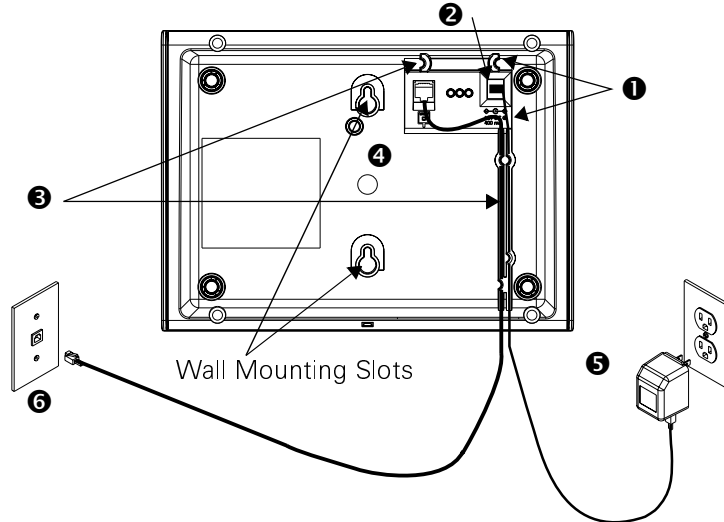
NOTE: Your system may include one or two handsets and chargers, depending on which system version you purchased.

Documents:

- *System User Manual for the Gigaset 2402*
- *Quick Reference Guide for the Gigaset 2400HS Handset*
- *User Guide for the Gigaset 2400CG Charger*

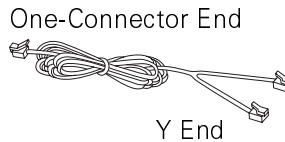
INSTRUCTIONS

Read this manual's *Safety Instructions and Product Information* section on page xiv before installing this phone system.



1. Turn the base controller over, being careful not to bend the antenna. **Thread the power supply cord through cord channel 1.**
2. **Plug the AC power supply into the input jack 2.**
3. You must subscribe to two lines from the telephone company in order to have two-line access. These lines do not need to be physically separate, i.e., exist as two wires with two separate jacks. The telephone company can set up two separate lines using the same jack.

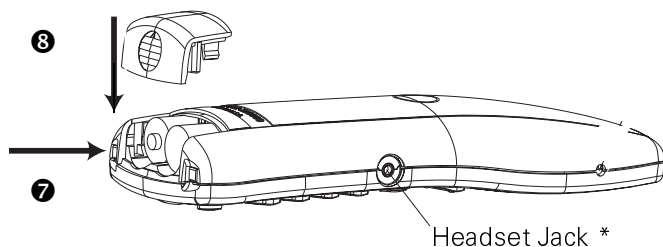
- If you have *only one line or two lines using a single wall jack*, use the regular telephone line cord.
- If you have *two wall jacks*, use the Y telephone line cord.



Thread the appropriate phone line cord through cord channel 3.

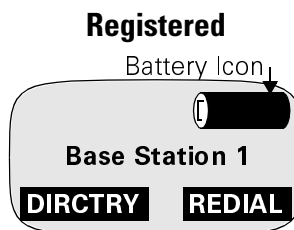
4. **Plug the appropriate end of the phone cord into the jack 4 on the bottom of the base.** Using the regular telephone line cord, plug either end into 4. Using the Y line cord, plug the one-connector end into 4.
5. **Turn the base over.** To get the best performance from the Gigaset 2402, install it in a central location.
6. If you are going to **hang the base on the wall**, be sure to mount it close enough to an electrical outlet so that the power supply plug can reach.
 - Remove the wall mounting kit from the system box.
 - Carefully drill two holes vertically 3.5 inches apart into a non-metal wall. Avoid electrical wiring. Use the *Appendix E: "Wall Mounting Template" on page 63* at the end of this manual for guidance.
 - Insert the screw inserts into the holes and turn the screws until there is a gap of approximately 3 mm between the head of the screw and the wall.
 - Slide the base controller's mounting slots (see the illustration on page 2) onto the screws.
7. **Plug the power supply 5 into an electrical outlet.** The outlet should be a functional 110 volt outlet not controlled by a wall switch. The registration key on the top of the base will shine with a steady red light showing that the base is on.
8. **Plug the phone line cord into a wall jack.**
 - If you have *two lines using the same jack* or if you have only *one line*, plug the regular phone line cord into a wall jack 6.
 - If you have *two physically separate lines*, snap the two connectors on the Y end of the Y telephone line cord into the wall jacks.
9. **Remove the handset from its packaging.**
10. The handset comes with two AA rechargeable Ni-Cd batteries. Be careful to place the batteries into the handset as indicated by the illustration inside the handset's battery compartment.

FIRMLY press the batteries into the handset **7** while sliding the cover into its grooves and toward the front **8** until it latches.



When the batteries are in the phone, the phone should power-up. If it does not power-up immediately, press the **PWR** key.

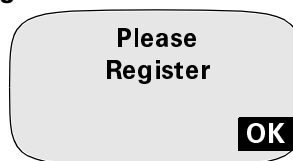
If you see this display, your handset is **registered** to the base controller (i.e., Base Station). Let the battery charge until the battery icon looks like the one in the illustration before using.



If the display says "Searching," the handset is **trying to locate the base**. If it still says "Searching" after five minutes, see page 40.



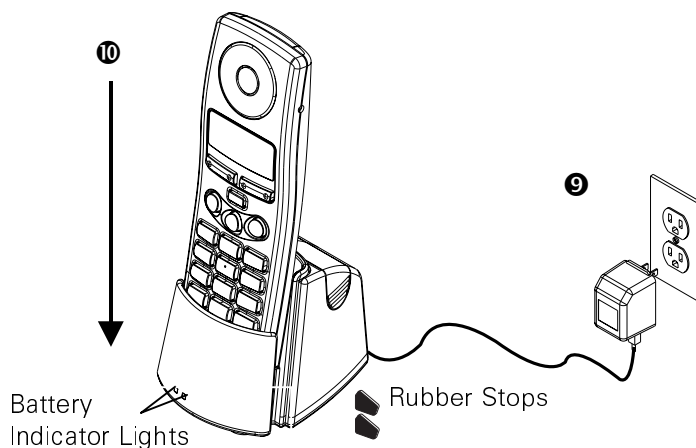
Need to Register






If you are asked to "**Please Register**," see page 39.

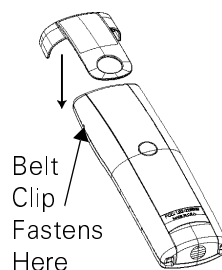
* Any Electret headset with a 2.5mm plug will work with the handset

11. Take the charger out of its packaging. Peel the white paper from the rubber stops and attach them to the bottom rear corners of the charger, closest to the cord.



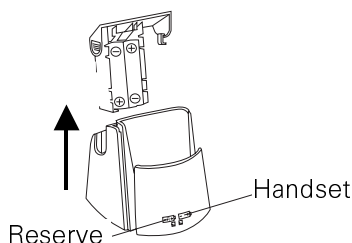
12. If you are going to hang the charger on a wall, use the wall mounting template in the charger's user guide. Affix two screws (not included) to a non-metal wall leaving about 3 mm between the head of the screw and the wall. Slide the charger's mounting slots onto the screws. 
13. **Plug the charger's power supply into a functional 110 volt electrical outlet 9** not controlled by a wall switch. The battery lights will not come on.
14. **Place the handset into the charger 10**. The charger's handset battery indicator light (the one on the right) will come on showing that the batteries are charging. The indicator lights may turn OFF periodically during charging. This is normal.
15. **Charge the batteries** until the battery charge icon in the handset's display shows a **full charge**. This will take **at least eight hours**. 
A white battery icon and a long beep every 30 seconds signal **low battery charge**. Refer to the charger's user guide and the *Safety Instructions* in this manual for more information about batteries. 
16. **If you have more handsets, repeat steps 9.-15..**

17. If you wish to attach the **belt clip**, slide it onto the front or back of the handset. Snap the pins on the inside of the belt clip's arms into the holes near the handset's earpiece.



CHARGING EXTRA BATTERIES

1. To charge extra batteries, squeeze the sides of the battery charger compartment's cover and lift it up and off the charger.
2. Be careful to place the batteries inside the charger compartment as indicated by the illustration inside the charger compartment. Slide the cover back into the charger.



The light under the "R" (reserve) icon shows that the batteries in the spare battery compartment are charging. It may take several days for your reserve batteries to charge completely.

Chapter 2

The Basics

.....

GET MORE FROM YOUR SYSTEM

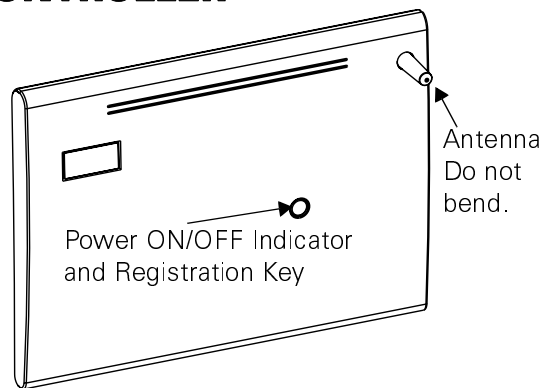
Your Gigaset 2402 system is designed to support two external lines, Caller ID, Call Waiting, and Caller ID on Call Waiting. You must subscribe to these services through your telephone company. Contact your telephone company for more information about optional services.

Operational Range

The handset's range and sound quality may be affected by walls and other structural barriers. For best operation, the handset should stay within 150 feet of the base controller indoors and within 1,000 feet of the base outdoors.

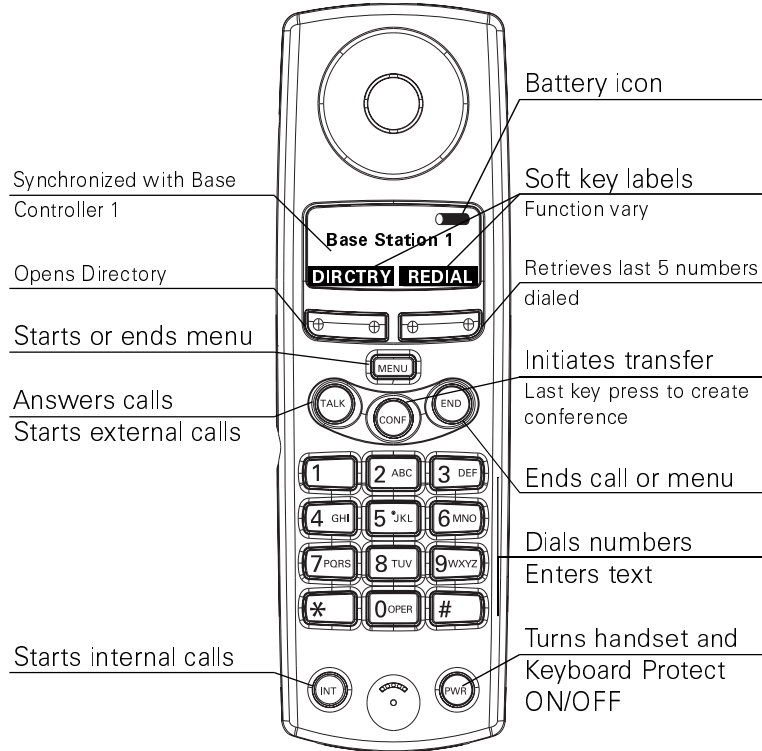
If you move beyond the base's transmitting range during a conversation, you will hear an out of range warning (four very fast beeps) and see a short notice on the display. The handset comes from the factory with the range warning tones enabled, but you may elect to turn it OFF. See page 35 for more information.

BASE CONTROLLER



CORDLESS HANDSET

Keys and the Display Area



Understanding Displays

The four-line display on each handset gives you information about call status and user options. The content changes according to the state of the handset.

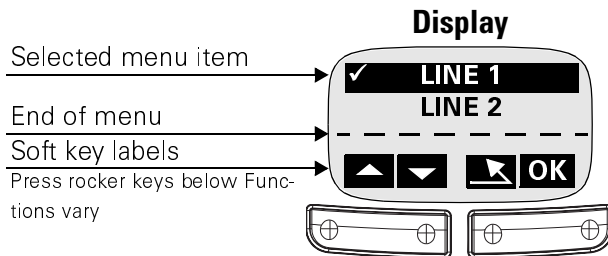








Table 1: Soft Keys Defined

Soft Key	Function
 	Moves cursor to the left or right
	Backspaces
 	Scrolls through menu items or Directory, Call Log, or Redial list entries
	Returns to previous menu level
ACCEPT	Automatically places an active call on hold and answers an incoming call
ALL INT	Pages all intercoms
DEL	Deletes a Call Log entry
DIRCTRY	Accesses personal phone book
GET L#	Picks up a call placed on hold by someone else
HOLD	Places a call on hold
INT #	Accesses handset #
JOIN L#	Joins an ongoing call
LINE 1 L1	Accesses Line 1
LINE 2 L2	Accesses Line 2
OK	Selects a menu item or setting Moves to the next menu level
Recall	Retrieves a held call
REDIAL	Retrieves last five external numbers dialed
REGISTR	Begins the registration process
RINGOFF	Mutes ringer for current incoming call
TOGGLE	Automatically places an active call on hold and retrieves a held call
TRANSFR	Transfers an active call to another handset or line

Pressing the **MENU** key or highlighting and selecting the end of menu line (- - - -) returns to the previous menu level. Pressing the **END** key while in a menu closes all menus.

You can choose whether the display is illuminated (page 35), what language it uses (page 36), and how the Caller ID information looks (page 47).

GENERAL INFORMATION

System Capabilities

- Only the base controller needs to be physically connected to the phone lines.
- Up to four handsets can be active at one time: on an intercom call involving two handsets plus two more handsets on two external calls.
- Each handset can handle up to three calls at one time: active, hold, and transferring a call.
- Up to eight handsets can register to one base controller.
- Handsets can be registered to two separate base controllers, but will use only one at a time.
- Fully charged batteries give four hours talk time or 36 hours of standby time.
- Operational range is 150 ft (45.72 m) indoors / 1,000 ft (304.8 m) outdoors, line of sight.

Keyboard Protect

To protect the keyboard from inadvertent key presses or release it from a protected state, quickly press the **PWR** key. A longer press turns the handset off.

An incoming call will temporarily release the keyboard protect. Once the call is over, the keyboard is protected again.

YOU CANNOT DIAL OUT WHEN THE KEYBOARD IS PROTECTED, EVEN TO MAKE AN EMERGENCY CALL, WITHOUT RELEASING THE KEYBOARD FROM THE PROTECTED STATE BY PRESSING THE PWR KEY.

Even then, you cannot dial 911 if you barred "9" "91" or "911." See page 43 for information about Call Barring. See page 32 for information about locking the handset.

Chapter 3

Making, Answering, and Ending Calls

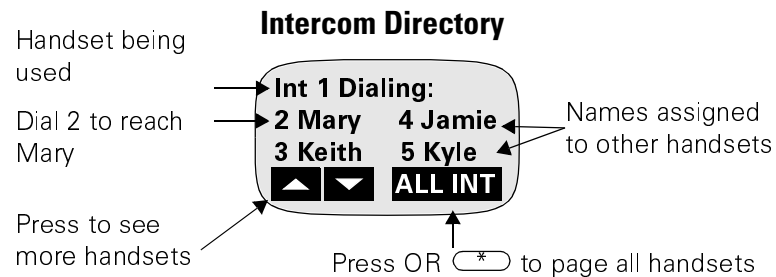
GET MORE FROM YOUR SYSTEM

- Let the Gigaset 2402 enter a long distance carrier's code for you. page 48
- Dial from Directory and Call Log. pages 26 and 29
- Bar calls to certain numbers. page 43
- The handset's ringer can tell you which line an incoming call is using. page 34

CALLING ANOTHER HANDSET

An "external" line is one that a phone company provides. An "internal" line is an intercom line. A handset can call another handset if both are within range of the base controller. For a quick reference diagram of this feature, see page v.

1. **Press the INT key.**



In the Intercom Directory display, all handsets in the system are listed, even if they are busy.

2. Dial the number. **Enter the handset's number or page all handsets by pressing the * key or the ALL INT key.** All handsets will ring, but the first to respond gets the call.

NOTE: You cannot place an internal call if you have a handset on hold since you are already using your intercom path.

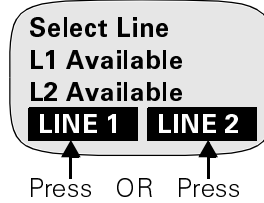
MAKING EXTERNAL CALLS

For a quick reference diagram of this procedure, see page vi. To make an external call:

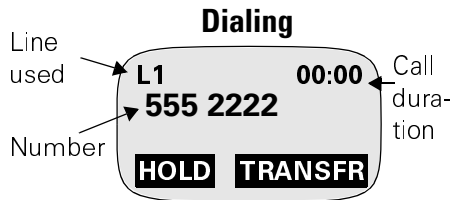
1. **Press the TALK key.**

If you chose Manual Select from the Auto Line Select menu, the display prompts you to press a line key. See page 44 for more information.

Manually Selecting a Line



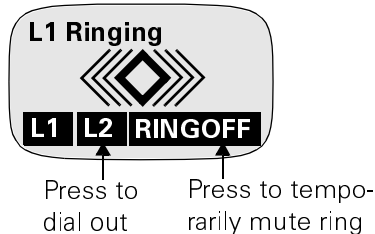
2. **Enter the phone number** using the keyboard.



Making a Call While a Call is Coming In

You can make a call even when the phone is ringing. The system will tell you if the second line is busy. See page 22 for information about barging into active calls.

Without Caller ID



With Caller ID



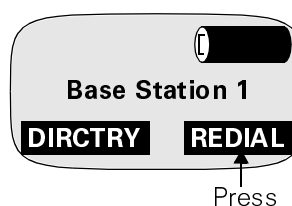
If Line 2 is available, you can accept the call by pressing **L1** or you can dial out. You will not see the number you are dialing unless someone picks up the incoming call.

RINGOFF is a temporary setting. The next call will ring. You can also turn each line's ringer off in the Mobile Settings menu. The ringer will stay off until you turn it on again. For more information, see page 33.

Redial

Pressing the **REDIAL** soft key allows you to retrieve the last five external numbers dialed. Scroll the Redial list with the **▲** and **▼** keys. Dial an entry by scrolling to it and pressing the **TALK** key. You can also dial the number by scrolling to it, pressing **OK**, **highlighting** "Dial Number" and pressing **OK** again.

Getting Redial List



Copying a Number from the Redial List to the Directory

Each handset can have its own personal Directory. This Directory or any entry in it can be copied to another handset. See page 23 for more information about Directories.

1. Choose a Redial entry and press **OK**.
2. Highlight "Move to Directry" and press **OK**.
3. Enter a name, if required, and press **OK**. See page 24 for information about entering text.
4. Highlight "Save Entry" and press **OK**. The number will also remain in your Redial list until you delete it.

Deleting a Redial Number

Scroll to the desired Redial entry and press **OK**. Highlight "Delete Number" and press **OK**.

Block Dialing

Normally, you access an external line and then dial a number. Block dialing allows you to enter and edit a telephone number before you get a dial tone.

1. Enter the telephone number using the keyboard.
2. Use the soft keys to edit the number. The **<** and **>** keys position the cursor. The **←** key acts as a backspace key. To insert a digit, position the cursor to the right of the desired insert location and enter the digit.
 - To insert a pause, press **OK**. Highlight "Insert Pause" and press **OK**.
 - You have 30 seconds to finish entering the number and activate a dial tone or the process times out and the number is lost.
3. To dial the number, either press the **TALK** key or press **OK**, highlight "Dial Number" and press **OK** again.

Dialing from the Directory and Call Log

For information about dialing from the Directory or Call Log, see pages 26 and 29.

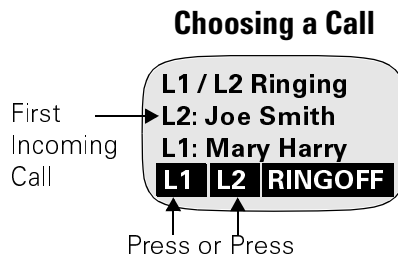
ANSWERING CALLS

To answer either internal or external calls, **press the TALK key, take the handset from its charger, or press the L1 or L2 key.**

If you want to require that the **TALK** key be pressed when answering a call, you must disable the Auto Call Accept setting. See page 35 for more information.

Both Lines Ring Simultaneously

If both external lines ring, you can pick which line to answer by pressing **L1** or **L2**. If you press the **TALK** key, you will be connected to the first incoming call.



While on Another Line

You cannot receive an **internal call** if you are on another line (internal or external).

You can receive **external calls** when you are talking on the handset. You will hear a Call Pending tone and, if you have Caller ID, the handset's display will have information about the incoming call. The Call Pending tone is a short beep ten seconds apart and sounds similar to Call Waiting.

Talking on Line 1 Line 2 Ringing



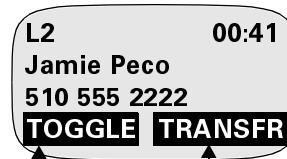
Puts Line 1 on hold and answers Line 2

- You can press the **TALK** or the **ACCEPT** key,
- ignore the incoming call, or
- hang up the first call and answer the incoming call as you normally would.

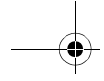
NOTE: The handset will not be able to accept an incoming call if the handset has an active call and a call on hold.

NOTE: You must subscribe to Call Waiting from the telephone company in order to be informed of an incoming call on the same line.

Talking on Line 2



Places Line 2 on hold and returns to held call Transfers Line 2 call to another handset



While Using the Directory or Call Log

An incoming call will close the Call Log. The Directory will close when you answer the call. You will not see caller information on the display until you pick up the call.

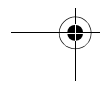
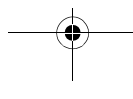
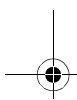
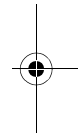
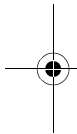
While on a Conference Call

A handset will not receive an incoming call during a conference call.

ENDING CALLS

To end an active call, press the END key or place the handset in the charger.

If you have an **active call and a call on hold**, press the **END** key to disconnect the active party. **To end the held call press RE-CALL** to retrieve the held party **then press the END key** or return the handset to the charger. See page 18 for information about transferring calls.



Chapter 4

Managing Calls

GET MORE FROM YOUR SYSTEM

- Transfer a call to another line with or without announcing the call page 18
- Toggle between a call on hold and an active call page 18
- Gigaset 2402 is compatible with Call Waiting page 18
- Have off-line conversations with a third party page 18
- Choose whether someone on hold hears a tone reassuring him that he is still connected page 47

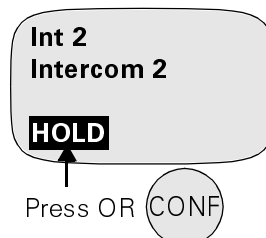
PUTTING CALLS ON HOLD

To place an internal or external call on hold, press **HOLD** or the **CONF** key.

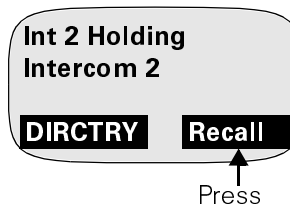
To retrieve the held call, press **RECALL**.

If the Privacy option is OFF, an external call put on hold by one handset can be picked up by another handset by pressing the **TALK** key then the **GET L#** key. See page 47 for information about the Privacy option.

Putting a Call on Hold



Retrieving a Held Call



Consultation Hold

After a call is placed on hold, you can dial another party and talk privately. This is known as Consultation Hold.

1. Place the first call on hold by pressing **HOLD** or the **CONF** key.
2. Press the **TALK** or **INT** key and dial the second party.
3. The **TOGGLE** key lets you switch between the two parties. It puts the active call on hold and retrieves the held call.
4. To end the consultation, end one of the calls by pressing the **END** key and then retrieve the held call by pressing **RECALL**.

Call Waiting

Call Waiting is a service provided by the telephone company. If you subscribe to Call Waiting, you will be alerted when an external call comes in on the same line as an active call. If you also subscribe to Caller ID on Call Waiting, the display shows caller information for a few seconds before returning to the previous display. If you do not subscribe to Caller ID on Call Waiting, the display will not change.

Without Caller ID on Call Waiting

L1 Waiting

HOLD **TRANSFR**

Press the **TALK** key to switch to the new call. You can use this key to toggle between the two calls.

TRANSFERRING CALLS

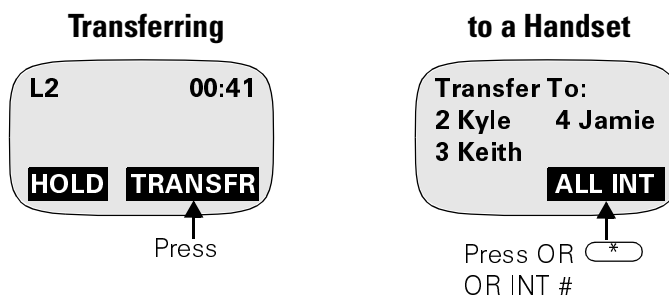
The Transfer feature lets you transfer an external call to another handset OR an intercom call to an external line. You cannot transfer an intercom call to another handset or an external call to an external line. See pages page vii and page viii for quick start diagrams of transferring.

Fast Transfer

Fast Transfer lets you transfer an active call without telling the recipient that it is coming.

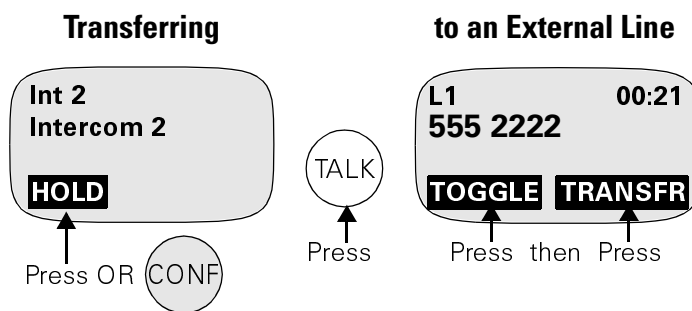
Transferring an External Call to Another Handset

1. Begin with an active external call. **Press TRANSFR.**
2. Either **page all handsets** in the system by dialing **ALL INT** or *** OR dial a specific handset number**. If you page all intercoms, the first handset to pick up gets the call.



Transferring an Internal Call to an External Line

1. Begin with an active internal call. **Press HOLD or CONF.**
2. **Press TALK.**
3. **Dial an external number.**
4. Press **TOGGLE** then **TRANSFR.**



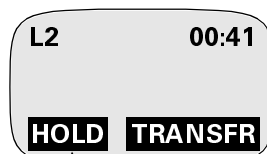
Announced Transfer

Announced Transfer lets you tell the recipient that you are going to transfer a call to him or her.

1. Begin with an active call. **Press HOLD or the CONF key** to put the first caller on hold. This can be an internal or external caller.
2. If transferring an external call to another handset, **press the INT key**. If transferring an internal call to an external number, **press the TALK key**.
3. Dial the second party and wait for the person you called to answer. Announce the transfer.
 - If transferring an external to another handset, **press TRANSFR**.
 - If transferring an internal call to an external line, **press TRANSFR and dial the handset's number** OR press **TOGGLE** then **TRANSFR**.

NOTE: If the party to which you are transferring an external call does not answer within 30 seconds, the call will be returned to you. You have one minute to answer a recalled call.

Putting on Hold

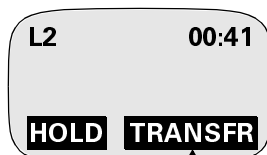


Press OR 



Press OR Press

Transferring



Press

CONFERENCE CALLS

The Conference feature lets three parties share a conversation. The other parties can be on an external line or intercom path, but at least one party must be on an external line. An active conference cannot be placed on hold. If you receive an incoming call during an active conference call, you must leave the conference call to answer the new call.

Creating a Conference

See page ix for a quick start diagram of this procedure.

1. A conference call always starts with an **active call**. Press **HOLD or the CONF key** to put the first caller on hold.
2. If you want to conference to an outside line, **press the TALK key**. If you want to conference with another handset, **press the INT key**.
3. **Dial the number and wait for the party to answer.**
4. To join all parties, **press the CONF key**.

Conference Call in Progress

Conference 00:48
Intercom 1
L1 555 2222
INT 2 **LINE 1**

Ending a Conference

If you began the conference, you have three options.

- If both external lines are being used, you can end the conference call between all parties by **pressing the END key**.
- If one of the lines being used is an intercom line, you can leave the conference and leave the remaining parties connected, by **pressing the END key**.
- You can decide to continue the call with just one of the parties. Press the desired soft key.

Continuing with One Party

Conference 04:43
L2 Sam Smith
Intercom 1
LINE 2 **INT 1**

↑ ↑
Press OR Press

If you did not create the conference, your only option is to disconnect by pressing the **END** key. You cannot disconnect anyone else.

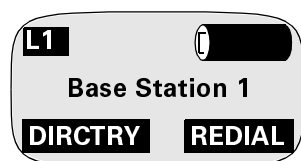
PRESERVING CALL PRIVACY

If the Privacy setting is ON for a particular line, the only way a handset can join an active call is to be conferenced in. If Privacy is OFF, you can join an ongoing call by pressing the **TALK** key then **JOIN L#**. For information about enabling and disabling the Privacy setting, see page 47.

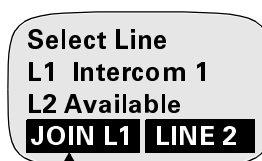
For example, if the Privacy setting is OFF, someone is using Intercom 1 to talk on Line 1, and you press the **TALK** key, you will be given the option to dial out on Line 2—which is not being used—or to join the call on Line 1.

If you press **JOIN L1**, the person on Intercom 1 will hear three short beeps alerting him or her that a third person has joined the conversation. The external caller will not hear the tone. Intercom 1 will also show the conference display.

Active Call on Line 1



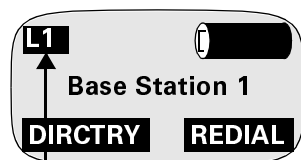
Joining Line 1 Call



Press

If the Line 1 **call is on hold** and you press the **TALK** key, you will be given the option to dial out on Line 2—which is not being used—or pick up the call on Line 1. If you press the **GET L1** key, Intercom 1 goes back to idle display.

Line 1 on Hold



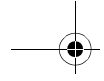
Blinking



Picking up a Held Call



Press



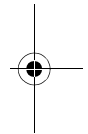
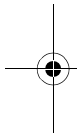
Chapter 5



Directory and Call Log

GET MORE FROM YOUR SYSTEM

- Copy call information from Call Log to Directory. page 30
- Copy Directory entries or an entire Directory to another handset. pages 26 and 27
- Dial from Directory or Call Log. pages 26 and 29
- If you subscribe to Caller ID, Call Log gives information about:
 - who called
 - which line they used
 - when they called
 - how many times they called
 - if you answered the call or returned it

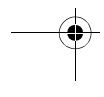
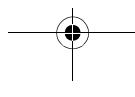


DIRECTORY

The Directory feature allows you to store frequently used phone numbers in a telephone book format. Each handset's Directory is unique and can hold 120 entries.

Directory Menu

Use the Directory menu to create and manage Directory entries. To access the Directory menu, **press the MENU key, highlight "Directory" and press OK.** The tasks in this section are performed in the Directory menu.

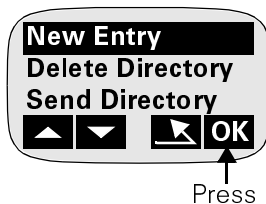


Use the ▲ and ▼ soft keys to move through the selections. To move to the next menu level or select an option, press **OK**. To return to the previous menu level, press **↵**. To exit the Directory menu, press the **MENU** or **END** key.

Creating a New Entry

1. **Highlight "New Entry" and press **OK**.**
2. **Enter a name.** The name can be from 1 to 16 characters in length.

Creating an Entry



- To enter alphabetic characters, use the numbers on the keyboard. For example, to enter the letter "a" press the **2** key once. To enter the letter "b" quickly press the **2** key twice. To enter the letter "c" quickly press the **2** key three times. To enter the number "2" quickly press the **2** key four times.
- To enter an uppercase letter, press the ***** key once and then enter the letter.
- To insert a space between names, press the **1** key once.
- You cannot enter a dash in the number area. To enter a dash in the name, press the **0** key twice.
- To erase characters, press **←**.

Table 2: Key Presses

Key	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th
1	Space	1								
2	a	b	c	2	á	à	â	ç		
3	d	e	f	3	é	è	ê			
4	g	h	i	4	í	î				
5	j	k	l	5						
6	m	n	o	6	ñ	ó	ô	œ		
7	p	q	r	s	7					

Table 2: Key Presses (Cont.)

Key	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th
8	t	u	v	8	ú	ù	û			
9	w	x	y	z	9					
0	0	-	.	,	:	'	?	¿	!	¡
*	Shift	*	/	()	&	@			
#	#									

3. **Press the > key** when you have finished entering the name.
4. **Enter a number** up to 32 digits.

To insert a pause in your dialing sequence, press **OK** while you are in the Number field. Select "Insert Pause" from the menu and press **OK**.

5. **Press OK** when you have finished entering the number. You will be prompted to save the entry. Press **OK**.

To verify that you have not entered a duplicate entry, highlight "New Entry" and press **OK**. Position your cursor in the Number field. Enter the entire number and press **OK**. Highlight "Find Entry" and press **OK**.

Deleting the Directory

1. Highlight "Delete Directory" and press **OK**.
2. Enter the handset PIN. (Original PIN is "0000")
3. Press **OK** to confirm the deletion of all entries in the Directory. You will see the message "All Entries Deleted" on the display.

Sending the Directory

This option copies a Directory list from one handset to another. Entries are added to the receiving handset's existing Directory. The receiving handset will not copy duplicate entries.

1. Highlight "Send Directory" and press **OK**.
2. Enter the intercom number of the receiving handset and press **OK**.
3. To complete the transfer, you must press the **TALK** key on the receiving handset and then enter the PIN for that handset when prompted.

Checking Directory Memory

To check the amount of available memory in the Directory, highlight "Check Memory" and press **OK**.

Working with Directory Entries

The tasks in this section are performed in the Directory. To view Directory entries, press **DIRCTRY** in an idle display.

Directory entries appear in alphabetic order. Use the **▲** and **▼** soft keys to move through the entries. To move to the next menu level or select an option, press **OK**.

To return to the previous menu level, press **↶**. To exit the Directory, press the **END** key.

Press **DIRCTRY**

John Doe
555 1212



Dialing a Number from the Directory

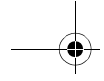
1. Select an entry and press the **TALK** key to dial that number.
2. Or, select an entry and press **OK**. Highlight "Dial Number" and press **OK**. The system will automatically dial the number for you.

Dialing from
Directory

John Doe
555 1212



Press **TALK** or Press



Editing an Entry

Select an entry and press **OK**. Highlight "Edit Entry" and press **OK**. See page 24 for information on how to edit an entry.

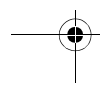
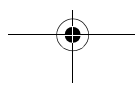
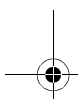
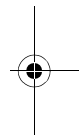
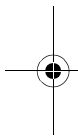
Deleting an Entry

Select an entry and press **OK**. Highlight "Delete Entry" and press **OK**. You will see the message "Entry Deleted" on the display.

Copying an Entry to Another Handset

To copy an entry in the Directory of one handset to another handset,

1. Select an entry and press **OK**. Highlight "Send Entry" and press **OK**.
2. Enter the receiving handset's number and press **OK**.
3. Press the **TALK** key on the receiving handset then enter the PIN for that handset when prompted. The entry is added to the receiving handset's Directory. It does not replace any existing entries unless the Directory is full.



CALL LOG

The Call Log stores information about external calls. The Call Log can store 120 entries. These are listed in the order they are received with the most recent call at the top of the list. If a new call comes in from a number already listed, the entry is moved to the beginning of the list.

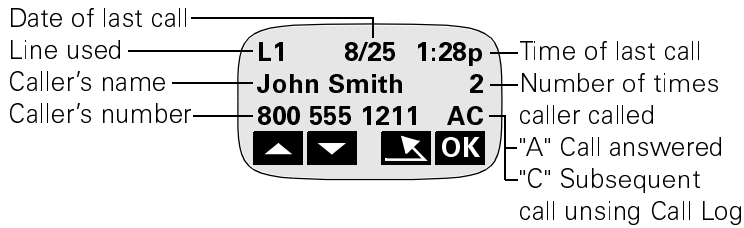
You must subscribe to Caller ID to get any meaningful information in your Call Log. This is the screen you see **without Caller ID**.

You get much more information with Caller ID.

Without Caller ID



Without Caller ID



- **Date and time** - the date and time of the last call from this phone number. The date and time are provided by the telephone company only if you subscribe to Caller ID.
- **Line used** - the line on which the incoming call was received (L1 or L2).
- **Caller ID information** - the name and number of the caller as delivered by Caller ID. If no Caller ID information was received, this field will display a message provided by your telephone company.
- **Number of times caller called** - the number of times (1 to 9) this caller has called. If there is no Caller ID information associated with the call, it is logged as a new call.

- **Detail flags** – “A” indicates that the last time this number called, the call was answered. The “A” only appears if you answer the call. “C” means this number was called back using the Call Log.

No Mixed Case/ Prefer Number

L1	8/25	1:28p
John Smith	2	
800 555 1211	AC	
▲	▼	◀▶ OK

This example shows how the Call Log entry looks with the No Mixed Case and Prefer Number modes enabled. See page 48 for more information.

Working with Call Log

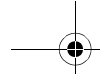
The tasks in this section are performed in the Call Log. Call Log entries are organized in chronological order with the most recent entry at the beginning. To access Call Log, **press the MENU key, highlight “Call Log” and press OK.**

Use the ▲ and ▼ soft keys to move through the entries. To move to the next menu level or select an option, press **OK**. To return to the previous menu level, press ◀. To exit the Call Log, press the **END** key.

Returning a Call from the Call Log

You must subscribe to Caller ID in order to return a call from the Call Log. You will not even see this option in the menu unless you have Caller ID. See page 49 for information about defining a local area code. You must do this or the Gigaset 2402 will dial your local area code when calling from the Call Log.

1. Scroll to the desired entry then press **OK**.
2. Select the “Return Call” setting from the menu by pressing **OK**.

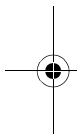


Saving an Entry to the Directory

You must subscribe to Caller ID in order to save an entry to the Directory. You will not even see this option unless you have Caller ID.

NOTE: The telephone company always sends the area code and the seven-digit phone number as Caller ID information. You can ensure that your handset will not add a local area code to your Directory when saving a Call Log entry to the Directory by defining a local area code. Unless you do this, the Gigaset 2402 will dial a long distance number including your local area code when calling a local number from the Directory. See page 49 for more information.

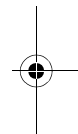
1. Scroll to the desired entry then press OK.
2. Highlight "Save to Directory" then press OK.
3. The Caller ID name and number are displayed in the Directory editor. Edit and save the entry.



Deleting an Entry

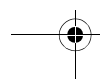
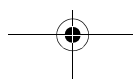
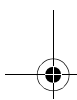
There are two ways to delete an entry. Scroll to the desired entry and

- press **DEL**
- OR press **OK**, highlight "Delete Entry" and press **OK**.



Deleting the Entire Call Log

While viewing any entry in the Call Log, press **OK**. Highlight "Delete Call Log" and press **OK**. You will be asked to confirm this action. Press **OK**.



Chapter 6

Exploring the Menu Key

GET MORE FROM YOUR SYSTEM

- Name handsets and base controllers pages 38 and 42
- Dial out on one line more than the other page 44
- Keep individual handsets from using certain lines page 45
- Use *Appendix A: Menu Trees* to quickly find setting locations page 51
- Set up a handset to monitor noise level in a room page 33

This chapter discusses ways to customize the Gigaset 2402. **Before you change any settings, look at the default settings in Appendix C: "Programming Worksheet" on page 59.** You may not need to adjust them. Note any modifications, especially new PINs, on that worksheet.

Press the **MENU** key to access various settings. These settings are discussed in the order you encounter them. At the beginning of each section, you are told how to find the menu being discussed. These directions are not repeated for every feature. So, if you need help finding the correct display, go back to the beginning of that section for guidance. Section titles are in all capitals.

Use the ▲ and ▼ soft keys to move through the selections. The first setting is always highlighted. To select a setting, press **OK**. A checkmark next to a feature means that the feature is enabled or ON. Pressing **OK** changes the feature's state—for instance, if the feature is ON, pressing **OK** turns it OFF. The checkmark disappears. Press the **END** key to return to the idle display.

TELEPHONE LOCK

You can protect a handset from unauthorized use with a PIN. It can still be used to receive calls or make an emergency call to 911 IF **CALL BARRING DOES NOT PROHIBIT IT**. See page 10 for information about temporarily protecting the keyboard from inadvertent key presses. See page 43 for information about Call Barring.

Locking

To lock the handset, press **MENU**. Highlight "Telephone Lock" and press **OK**. Enter the handset's PIN and press **OK**. The PIN assigned to the handset in the factory is "0000" (zeros). The checkmark means that the handset is locked.

Making an Emergency Call

If you live in an area which provides 911 support; "9" "91" or "911" is not one of your barred numbers (see page 43); and your handset is locked—you can reach emergency services by pressing the **TALK** key. This accesses the "Call 911?" display. If you press **YES** or the **TALK** key, the handset dials 911 for you. If you press **NO** or the **END** key or place the handset in the charger, the handset returns to the locked state.

Calling 911

Telephone Locked
Call 911?
YES **NO**

Unlocking

To unlock the handset, press the **MENU** key to display the unlock option. Press **OK**. Enter the handset's PIN and press **OK**.

ROOM MONITOR

You can use one or more handsets to monitor the sound level in another area. If the noise in the room being monitored is loud enough, the Room Monitor handset(s) will call you. The handset(s) will not ring when there is an incoming call.

In order to set the following features, press **MENU**. Highlight "Room Monitor" and press **OK**.

Picking which Handset Should be Alerted

The Room Monitor handset calls all registered handsets. If you wish to have it call only one handset:

1. Highlight "Set Call Number" and press **OK**.
2. Enter the number of the handset you want alerted. Press **OK**.

Adjusting the Trigger Level

Highlight "Set Level" and press **OK**. You have three choices. The Level 1 setting requires the least amount of noise to trigger a call. Press the **<** and **>** keys to the desired trigger level and press **OK**.

Enabling/Disabling

Highlight "Monitor Room" and press **OK**. A checkmark indicates that the handset is now acting as a Room Monitor. The handset stays in Room Monitor mode until you disable it.

MOBILE SETTINGS

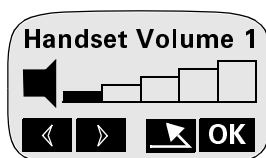
Any changes you make in the Mobile Settings menu affect only the handset you are using to make the changes. This menu allows you to adjust the way information is presented, determine how to answer the handset, and protect the handset's settings. Most of these settings are contained in the Local Settings menu.

To access Mobile Settings, press the **MENU** key. Highlight "Mobile Settings" using the **▲** and **▼** soft keys and press the **OK** key.

Handset Volume

1. Scroll to "Handset Volume" and press **OK**.
2. Press **<** and **>** to set the desired volume. Press **OK** to save the changes.

Setting Volume



Ringer Settings

A handset's ringer can tell you which line an incoming call is using. Simply assign unique volume levels and/or pitches to different lines. You can also turn the ringer up or OFF.

Highlight "Ringer Settings" and press **OK**.

Enabling/Disabling

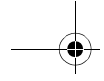
A checkmark next to "Ringer On" indicates that the handset's ringer is enabled. Press the **MENU** key to exit without disabling the handset ringer.

Adjusting Ringer Volume and Pitch

1. Highlight "Line 1 Ringer" "Line 2 Ringer" or "Intercom Ringer" and press **OK**.
2. Highlight either "Ringer Volume" or "Ringer Pitch" and press **OK**.
3. Press the **<** and **>** keys to the desired setting and press **OK**.

Local Settings

Use Local Settings to customize your handset's display or audio signals, decide how to answer calls, change your handset PIN, reset your handset to the factory defaults, or change the language. A checkmark next to a feature indicates that the feature is enabled or ON. Press the **MENU** key to exit without disabling the feature. Highlight "Local Settings" and press **OK**.



Tones

The Tones menu allows you to enable/disable the following tones:

- **Key Click** - sounds when you press a key.
- **Battery Warning** - lets you know that the battery is low.
- **Range Warning** - lets you know that you are almost out of the base controller's range.
- **Acknowledge** tone - confirms a selection you have made.
- **Error Tone** - sounds when the handset encounters incorrect input.
- **Sync Tone** - lets you know that the handset has made radio contact with a base controller.

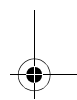
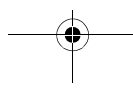
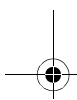
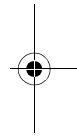
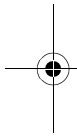
To enable or disable any one of these tones, highlight "Tones" and press **OK**. Highlight the desired tone and press **OK**.

Auto Backlight

Auto Backlight helps you see information on the display in low light. The display illuminates when you begin pressing keys. To enable or disable this feature, highlight "Auto Backlight" and press **OK**. A checkmark means that Auto Backlight is ON.

Auto Call Accept

You can answer an incoming call by pressing the **TALK** key or by simply taking the handset from its charger. If you want to require that the **TALK** key be pressed when answering a call, you must disable the Auto Call Accept setting. To enable/disable Auto Call Accept, highlight "Auto Call Accept" and press **OK**. A checkmark means that Auto Call Accept is ON.



Change PIN

There are two kinds of PINs: handset PINs and the System PIN. This menu allows you to assign a unique PIN to the handset you are using. Handset PINs let handset "owners" customize some of their settings. See page 44 for information on changing the System PIN.

Changing the Handset PIN



The default PIN for both System and handset PINs is "0000" (zeros).

To change the handset's PIN:

1. Highlight "Change PIN" and press **OK**.
2. Enter the handset's PIN. Press **OK**.
3. Enter the new PIN, press **OK**. The PIN can be up to 8 digits. It cannot contain * or #. Confirm the new PIN in the subsequent display, and press **OK**.

Write the new PIN in the programming worksheet provided in *Appendix C: "Programming Worksheet" on page 59*.

Language

Refer to the Main Menu in *Appendix A: "Menu Trees" on page 51*, for help. To change the handset's language, highlight "Language" and press **OK**. Your choices are English, Español, and Français. Scroll to the desired language and press **OK** to enable or disable it.

- If you accidentally change the language to **Spanish**, press the **MENU** key and select "Config. Teléfono" "Ajuste Local" "Idioma" and "English."
- If you accidentally change the language to **French**, press the **MENU** key and select "Config. Combiné" "Réglages Combiné" "Langue" and "English."

Factory Default

You may find, as you become familiar with the Gigaset 2402, that you prefer the original settings. You can restore these settings with the Factory Defaults menu.

There are two groups of settings: the ones that apply to only one handset and those that apply to all handsets in the system. This menu resets only the handset's settings to factory default. See *Appendix C: "Programming Worksheet" on page 59* for a list of the settings which will be affected by this action. For information about resetting system settings to factory default, see page 50.

To reset the handset's factory defaults:

1. Highlight "Factory Default" and press **OK**.
2. Enter the handset's PIN.
3. To continue, press **OK**. To cancel the task, press **END**.

BASE SETTINGS

The handsets are dependant on the base controller's phone connection. The Base Settings menu is used primarily when you have more than one base in your Gigaset 2402 system. This menu lets you name your controller and specify which base controls the handset you are using to make these changes.

You access this menu by pressing the **MENU** key, highlighting "Base Settings" by using the **▲** and **▼** keys and pressing **OK**.

Set Search

Even though your handset can be registered to two base controllers, it can only communicate with one base at a time. This setting lets you instruct the handset to connect with the base it finds first or lets you limit the handset to one base.

NOTE: You cannot transfer calls to another base controller.

1. Highlight "Set Search" and press **OK**.
 - **Both Bases** - The handset will use the base controller it finds first.
 - **Base 1 Only** - The handset will only connect with Base Controller 1.

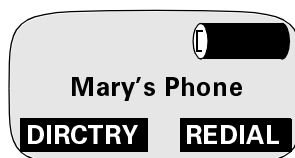
- **Base 2 Only** - The handset will only connect with Base Controller 2.
2. Highlight the desired option and press **OK**.
 3. A checkmark next to a feature means that the feature is enabled or ON. Press the **END** key to return to the idle display.

Change Name

You can assign a name to the base controller on each individual handset. The new base name appears in that handset's display when the handset is idle. This is the only place and the only time that the name will appear.

This name is specific to the handset that assigned it. You could call the base controller "Mary's Phone" on one handset and "Office" on another.

Naming the Base



See page 42 for information about assigning a name to a handset.

To assign a name to a base controller:

1. Highlight "Base Station 1" or "Base Station 2" and press **OK**. If you only have one base, its generic name is "Base Station 1"
2. Highlight "Change Name" and press **OK**.
3. You can enter/edit the name or clear the name.

The name on the second line flashes and a black box indicates which character can be edited. Enter the new name using the keyboard. For example, the **2** key can be used to enter "a" "b" "c" or "2" depending on how many times you press it. Use the **←** key as a backspace key and the **<** and **>** keys to position the cursor. Use the **1** key to insert spaces and the ***** key to capitalize. Names can be up to 16 characters.

Press **OK** when finished.

4. Highlight "Save Entry" and press **OK**.

Register/Deregister

Registration

Registration is like an introduction between a base controller and a handset. Once a handset has been registered to a base controller, it can use the base's phone connection. A handset cannot operate unless it is registered to a base controller. See page x for a quick start diagram of this procedure.

You can register up to eight handsets to one base controller and register a handset with two different base controllers. **Only one handset can register at a time.** There are two ways to register a handset:

1. **Bring the charged handset to the base controller.**
2. **Press the PWR key.** If the display goes blank at any point during this process, the battery does not have enough power.

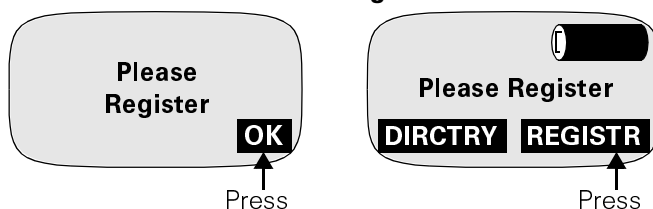


Press

There are **four possible displays**.

- If you see either one of the displays below, you need to register the handset with a base controller.

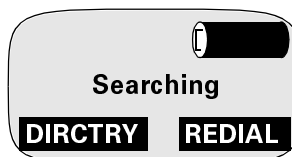
Need to Register



Press the soft key below REGISTER or OK and skip to step 3.

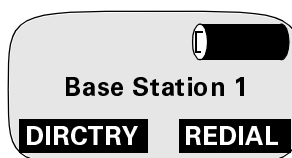
- If you see this display, you know that the handset is registered to a base controller which is unavailable. Check that the base is powered-up by checking if the registration key is lit and shining steadily. If it is, you may need to register the handset again to the base controller. See page 41 for information about deregistering the handset then return to this section for help registering it.

Searching for Base



- If you see this display, you know that the handset is already registered to at least one base controller. If you want to register to a second base, press the **MENU** key.

Already Registered

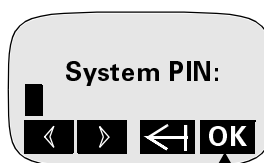


- Highlight "Base Settings" and press **OK**.
- Highlight the desired base controller. Press **OK**.
- Highlight "Register" and press **OK**.

NOTE: If the options are "Change Name" and "Deregister" you should try deregistering and registering again. See page 41 for more information.

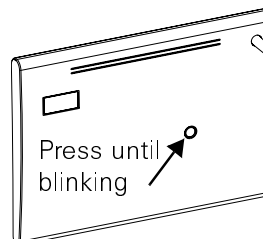
3. **Enter the System PIN.** If the PIN has not been changed, it is **0000** (zeros). Press **←** to correct mistakes and **<** or **>** to position the cursor. When the PIN is correct, press **OK**.

Entering PIN



Press

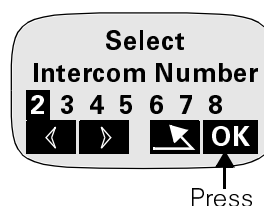
4. **Hold down the base controller's registration key until it begins to blink** (about 4 seconds). The handset's display shows you that registration is in progress. The base will search for the handset for 90 seconds before it times out.



Selecting Number

5. It may take a short while for the handset to find the base controller. Once it does, you will see a display similar to this.

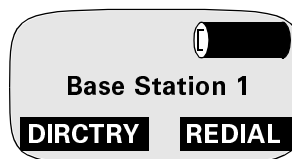
Select the intercom number you wish to assign to the handset. The **<** or **>** keys position the cursor. Numbers already being used are not displayed. **Press OK.**



The handset's display shows the name of the base controller with which it is synchronized.

Synchronized with Base 1

The other way to register a handset is to activate the base first. The procedure is basically the same, except you perform the steps in the following order: step 1, 4, 2, 3, and 5. You have 90 seconds after you press the base controller's key to register before the base times out.



Deregistration

Deregistration cancels a handset's synchronization with a base controller. Unless you do not know the System PIN, the handset should be deregistered via the System Settings menu. A System Settings deregistration lets both the base and handset know that the handset has been deregistered. When you deregister a handset here, in Base Settings, only the handset knows that it is deregistered. For information about deregistration in System Settings, see page 50.

To deregister a base controller in Base Settings:

1. Press the **MENU** key, highlight "Base Settings" and press **OK.**

2. Highlight the desired base controller and press **OK**.
3. Highlight "Deregister" and press **OK**. (If you do not see "Deregister" the handset you are using is not registered to that base.)
4. Press **OK**. A confirmation tone assures you that deregistration is complete.

SYSTEM SETTINGS

The changes you make in the System Settings menu affect all handsets. To access System Settings, press the **MENU** key. Highlight "System Settings" using the **▲** and **▼** keys and press **OK**. Enter the System PIN and press **OK**.

NOTE: The default System PIN is "0000" (zeros).

A checkmark next to a feature means that the feature is enabled or ON. Press the **END** key to return to the idle display.

Assign Name

This feature allows you to assign a name to a particular handset and operates like Caller ID for internal calls. Default names are "Intercom 1-8." Dial the intercom number to reach that handset. For information about assigning a name to a base controller, see page 38.

1. Scroll to the "Assign Name" display and press **OK**.
2. Scroll to the desired handset and press **OK**.
3. Use **<** and **>** to position the cursor and **←** to backspace. Enter the new name using the keyboard.

For example, pressing the **2** key multiple times lets you enter an "a" "b" "c" or "2" depending on the number of times you press it. Use the **1** key to insert a space and the ***** key to capitalize. Names can be up to 16 characters.

Press **OK**.

Naming a Handset



- You will be given the option to either save the entry or cancel. Highlight the appropriate choice and press **OK**.

Call Barring

You can stop certain external numbers from being dialed by using the Call Barring feature. You do not have to enter the entire number.

- To prevent long distance calls, enter "1" and "0."
- To prevent bogus 911 calls, enter "9" "91" or "911."

THIS SETTING WILL NOT ALLOW YOU TO DIAL 911 UNDER ANY CIRCUMSTANCE. THIS INCLUDES WHEN THE HANDSET IS LOCKED OR KEYBOARD PROTECTED.

- To prevent 900 calls, enter "1900"
- To prevent international calls, enter "011"
- To prevent directory assistance calls, enter "555"

You can enter up to three different start sequences.

Enable/Disable Call Barring

To enable or disable Call Barring, highlight "Call Barring" and press **OK**. Turn Call Barring ON or OFF by pressing **OK**.

Enter/Edit a Call Bar Number

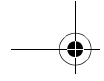
- Highlight the desired number and press **OK**. You will see the first barred number or a flashing "<Number>" if there are no entries.
- Enter, edit, or clear the entry using the **←** as a backspace. Barred numbers can be from 1 to 8 digits. To insert a pause, press **OK**, highlight "Insert Pause" and press **OK**.

Barring Outgoing Calls

Barred Number 1:

█ <Number>

◀ ▶ ⏪ OK



3. Press **OK**.
 - Highlight "Save Entry" and press **OK** to store your entry or save your changes.
 - Highlight "Cancel" and press **OK** to discard your changes.

System PIN

The System PIN protects settings which apply to all the system handsets. You can also assign unique PINs to each handset. The System PIN ensures that only authorized people control the way the system is customized. Individual handset PINs let handset "owners" customize some of their settings. See page 36 for information on changing handset PINs.

The default PIN for both system and handset PINs is "0000" (zeros).

NOTE: If you have two base controllers sharing handsets, each base should have a unique System PIN.

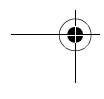
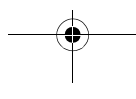
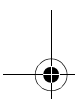
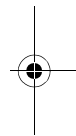
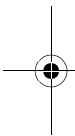
To change the System PIN:

1. Highlight "System PIN" and press **OK**.
2. Enter the new PIN and press **OK**. The PIN can be up to 8 digits. It cannot contain * or #.
3. Confirm the PIN and press **OK**. Write the new PIN in the programming worksheet provided in *Appendix C: "Programming Worksheet" on page 59*.

Auto Line Select

If you have two external lines, Auto Line Select can automatically select one of them when you press the TALK key. If the preferred line is busy, the other line will automatically be selected. You can also set Auto Line Select so that lines must be manually line selected. **The only way you can choose a line is to pick Manual Select in this setting.**

If you want to limit a handset's access to certain lines, you will have to adjust the settings in the Line Access menu. See page 45 for more information.



To set Automatic Line Select preferences:

1. Scroll to the "Auto Line Select" display and press **OK**. Scroll to the desired handset and press **OK**.
2. There are three settings:
 - **Prefer Line 1** - when you press the **TALK** key, the Gigaset 2402 system will check Line 1's availability first. If Line 1 is busy, the system will seize Line 2, if available.
 - **Prefer Line 2** - if Line 2 is busy, the system will seize Line 1, if available.
 - **Manual Select** - Automatic Line Select is disabled. You will be prompted to select a line manually.
3. Scroll to the desired setting and press **OK**. A checkmark indicates that the feature is enabled.

Line Access

The Line Access feature allows you to decide whether a certain handset can call in or out on a specific line. The default setting for Line Access is full incoming and outgoing access for all handsets.

To set Line Access settings:

1. Highlight "Line Access" and press **OK**.
2. Highlight the desired handset and press **OK**.
3. There are four settings:
 - **L1 Incoming** – handset can receive calls on Line 1.
 - **L1 Outgoing** – handset can make calls on Line 1.
 - **L2 Incoming** – handset can receive calls on Line 2.
 - **L2 Outgoing** – handset can make calls on Line 2.

Scroll to the desired setting and press **OK**. A checkmark indicates that the feature is enabled.

Line Config

The Line Configuration menu allows you to make technical adjustments. You probably will not need to change the default settings.

To access the Line Configuration menu, highlight "Line Config" and press **OK**.

Short Flash/Long Flash

If you have Call Waiting and an incoming call, you can press the **TALK** key to send a signal to the telephone company indicating that you are willing to accept the call. The telephone company may require a flash signal of a certain length.

To set the length of the flash signal, highlight either "Short Flash" or "Long Flash." Adjust the setting by pressing **OK**.

NOTE: You must subscribe to Call Waiting from your local telephone company.

Short Seizure/Long Seizure

You can choose which lines your handsets prefer by setting Automatic Line Select. Automatic Line Select is discussed on page 44. The Short Seizure/Long Seizure setting controls the amount of time the Gigaset 2402 system pauses after seizing a line. Some rural telephone systems may need a longer pause.

To set the length of the post-seizure pause, highlight either "Short Seizure" or "Long Seizure." Adjust the setting by pressing **OK**.

Tone Dialing/Pulse Dialing

When you press a number on the keyboard, you generate a signal that is transmitted to the telephone company. Tone Dialing transmits a number to the telephone company as a series of notes or digital tones (DTMF). Pulse Dialing transmits a dialed number as a series of clicks. If your line does not support Tone Dialing, you must switch to Pulse Dialing.

To enable/disable Tone Dialing, highlight either "Tone Dialing" or "Pulse Dialing." Adjust the setting by pressing **OK**.

Short DTMF/Long DTMF

You may need to sustain a keyboard tone when using some answering machines or bank cards. The duration of the digital tone (DTMF) generated when you press a number on the keyboard is controlled by this setting, not by your finger pressing on the key.

To set the duration of the DTMF tone, highlight either "Short DTMF" or "Long DTMF." Adjust the setting by pressing **OK**.

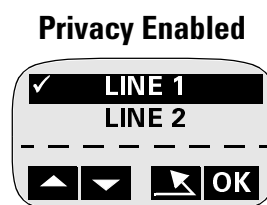
Hold Tone On/Hold Tone Off

The Gigaset 2402's hold tone beeps when your external callers are on hold to reassure them that they have not been disconnected. To enable/disable the hold tone, highlight either "Hold Tone On" or "Hold Tone Off." Adjust the setting by pressing **OK**.

Privacy

The Privacy feature can prevent other Gigaset 2402 users from joining a call without being formally conferenced in. If Privacy is ON, the only way you can join someone else's active call is to have him/her create a conference call. If Privacy is OFF, you can join an ongoing call by pressing **JOIN L#**. For more information about conferencing, see page 20.

1. Highlight "Privacy" and press **OK**.
2. Highlight the desired line and press **OK** to enable or disable the feature.



Caller ID

Caller ID is an optional subscription service provided by the telephone company. It supplies information about the identity of incoming callers. If Caller ID information is not available, the handsets and your Call Log cannot provide names or numbers for external calls.

If you subscribe to Caller ID, you can customize the way Caller ID information is displayed. The settings in the Caller ID menu affect all handsets and your Call Log. For more information about Call Log displays with and without Caller ID, see page 28.

To customize your Caller ID display, highlight "Caller ID" and press **OK**.

Prefer Name/Prefer Number

You can specify whether a caller's name or number should appear first. To set, highlight either "Prefer Name" or "Prefer Number." Adjust the setting by pressing **OK**.

Mixed Case/No Mixed Case

You can choose between displaying a caller's name in mixed case or as received from the telephone company. The mixed case setting capitalizes the first letter of each name and shows the remaining characters in lower case. To set, highlight either "Mixed Case" or "No Mixed Case." Adjust the setting by pressing **OK**.

Call Log

To specify which calls you want tracked in Call Log, highlight "Call Log" and press **OK**. Highlight either "Log All Calls" "Log Unanswered" or "Log No Calls" and press **OK**. The checkmark indicates which setting is selected.

Long Dist Prefix

This feature allows you to use an alternate long distance carrier without switching your normal long distance provider and without having to enter the alternate carrier's code at the beginning of every long distance call. If you enter a Long Dist Prefix, the Gigaset 2402 will automatically add the code to any call beginning with the international prefix, "011" or "1" plus an area code.

The Gigaset 2402 will not add the carrier's code, if the Long Dist Prefix is empty or if the area code you dial is in the following list.

000-199	600	844	882
311	700	855	881
411	800	866	888
456	822	877	900
500	833	880	911

You can override the Long Dist Prefix by manually dialing in a new code. To enter or edit a long distance prefix:

1. Highlight "Long Dist Prefix" and press **OK**.
2. Highlight the desired number and press **OK**. You will see the first long distance prefix or a flashing "<Number>" if there are no entries.

Entering Carrier Code



3. Enter, edit, or clear the entry using the ← as a backspace. Long distance prefixes can be from 1 to 32 digits. To insert a pause, press **OK**, highlight "Insert Pause" and press **OK**.
4. Press **OK**. Highlight "Save Entry" and press **OK** to store your entry or save your changes.

Area Codes

If you subscribe to Caller ID or Caller ID on Call Waiting, you can define one local area code and up to three extra area codes. Defining a local area code makes dialing from the Call Log a lot easier. The telephone company always sends the area code and the seven-digit number as part of Caller ID information. Defining your local area code will keep the Gigaset 2402 from dialing all ten digits when you call from the Call Log.

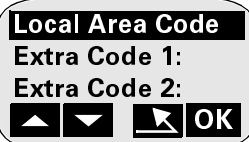
The extra area codes are used in large cities where local calls use multiple area codes. If you want to dial these numbers from the Call Log or Directory, and save yourself the trouble of having to enter the area codes, you need to enter these as extra area codes. See pages 26 and 27 for more information about calling from Call Log and Directory.

To specify the area codes in Call Log:

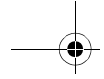
1. Highlight "Area Codes" and press **OK**.
2. There are two settings:

- **Local Area Code -** Local calls in the same area code will be saved in Call Log without the area code.
- **Extra Code 1, 2, or 3 -** Local calls with a different area code will be saved in Call Log as **area code-number**. Calls outside of the local area codes will be saved as **1-area code-number**.

Stop Dialing Local Area Code



Highlight the desired choice, press **OK**. Enter, edit, or clear the entry using the ← as a backspace.



3. Press **OK**. Highlight "Save Entry" and press **OK** to store your entry or save your changes. Highlight "Cancel" and press **OK** to discard your changes.

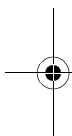
Deregister

Deregistration cancels a handset's synchronization with a base controller. You can deregister in Base Settings, but it is preferable to deregister here, in System Settings. A System Settings deregistration lets both the base and handset know that the handset has been deregistered. When you deregister a handset in Base Settings, only the handset knows that it is deregistered.

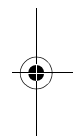
To deregister in Base Settings, see page 39. You cannot deregister the handset you are using.

To deregister :

1. Highlight "Deregister" and press **OK**.
2. Highlight the desired handset and press **OK**.



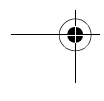
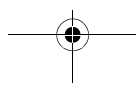
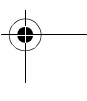
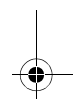
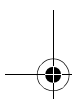
Factory Defaults



You may find, as you become familiar with the Gigaset 2402, that you prefer the original settings. You can restore these settings with the Factory Defaults menu.

There are two groups of settings: the ones that apply to only one handset and those that apply to all handsets in the system. This menu resets the system (all handsets) settings to factory default. Restoring factory defaults here, in the System Settings menu, may affect the way entries are presented in a handset's Call Log and Directory, but not the entries themselves. See *Appendix C: "Programming Worksheet" on page 59* for a list of the settings which will be affected by this action.

To reset the system settings' factory defaults, highlight "Factory Defaults" and press **OK**. Press **OK** again to confirm the reset.



Appendix A

Menu Trees

MAIN MENU TREE

MENU	
Call Log _____	Entry _____ Return Call * Save to Directory * Delete Entry Delete Call Log
Directory _____	New Entry _____ Entry Save Entry Insert Pause Find Entry Cancel Delete Directory Send Directory _____ <i>Select Intercom</i> Enter Handset PIN Check Memory
Telephone Lock _____	Call 911?
Room Monitor _____	Monitor Room Set Call Number <i>Select Intercom</i> Set Level _____ <i>Levels 1-3</i>
Mobile Settings	<i>See page 54</i>
Base Settings _____	Set Search _____ Both Bases Base 1 Only Base 2 Only Base Station 1 _____ Change Name Register/ Deregister Base Station 2 _____ Change Name Register/ Deregister
System Settings	<i>See next page</i>

* Visible only if you subscribe to Caller ID.

SYSTEM SETTINGS MENU TREE

MENU	
System Settings	
<i>Enter System PIN</i>	
Assign Name _____	Intercom 1 * _____ <i>Alphanumeric Editor</i> Intercom 2 Intercom 3 Intercom 4 Intercom 5 Intercom 6 Intercom 7 Intercom 8
Call Barring _____	Call Barring On/Off Barred Number 1_ <i>Numeric Editor</i> Barred Number 2_ <i>Numeric Editor</i> Barred Number 3_ <i>Numeric Editor</i>
System PIN _____	PIN Editor
Auto Line Select _____	Intercom 1 * _____ Prefer Line 1 Prefer Line 2 Manual Select Intercom 2 Intercom 3 Intercom 4 Intercom 5 Intercom 6 Intercom 7 Intercom 8
Line Access _____	Intercom 1 * _____ L1 Incoming L1 Outgoing L2 Incoming L2 Outgoing Intercom 2 Intercom 3 Intercom 4 Intercom 5 Intercom 6 Intercom 7 Intercom 8

MENU	
System Settings	
<i>Enter System PIN</i>	
Line Config _____	Short/Long Flash Short/Long Seizure Tone/Pulse Dialing Short/Long DTMF Hold Tone On/Off
Privacy _____	Line 1 On/Off Line 2 On/Off
Caller ID _____	Prefer Name/Number Mixed Case/No Mixed Case
Call Log _____	Log All Calls Log Unanswered Log No Calls
Long Dist Prefix _____	<i>Numeric Editor</i>
Area Codes _____	Local Area Code_ <i>Numeric Editor</i> Extra Code 1 <i>Numeric Editor</i> Extra Code 2 <i>Numeric Editor</i> Extra Code 3 <i>Numeric Editor</i>
Deregister _____	Intercom 1* Intercom 2 Intercom 3 Intercom 4 Intercom 5 Intercom 6 Intercom 7 Intercom 8
Factory Defaults _____	Are You Sure?

* Depends on the number of handsets in the system.

MOBILE SETTINGS MENU TREE

MENU	
Mobile Settings	
Handset _____	<i>Levels 1-5</i>
Volume	
Ringer Settings __	Ringer On
Line 1 Ringer __	Ringer Volume _____ <i>Levels 1-6</i> Ringer Pitch _____ <i>Levels 1-16</i>
Line 2 Ringer __	Ringer Volume _____ <i>Levels 1-6</i> Ringer Pitch _____ <i>Levels 1-16</i>
Intercom _____	Ringer Volume _____ <i>Levels 1-6</i> Ringer Pitch _____ <i>Levels 1-16</i>
Local Settings _____	
Tones _____	Key Click Battery Warning Range Warning Acknowledge Error Tone Sync Tone
Auto Backlight	
Auto Call Accept	
Change PIN ____	<i>Enter Handset PIN _ PIN Editor</i>
Language _____	English Espanol Français
Factory _____	<i>Enter PIN</i>
Default	

Appendix B

Troubleshooting

For information about product operation or warranty support, visit our Web site at www.siemenscordless.com or call these toll-free numbers:

Customer Technical Support:
(888) 777-0211

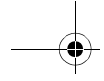
TDD access: (888) 777-0209

TTY Customer Technical Support:
(888) 777-0209

For information about purchasing more handsets for the Gigaset 2402 system, please visit our Web site at www.siemenscordless.com or call (877) 267-3373.

The handset is dead. The display is blank. No buttons operate.

- Make sure the handset is powered-on.
- The battery pack is completely drained. Make sure that the battery in the handset is fully charged. See page 6.
- There is no power to the base controller. Verify that the registration key on the top of the base shines with a steady red light. The handsets communicate with the base controller; therefore, it must be operational for the handsets to function.
- If one of the handsets seems unresponsive, remove and replace the handset's batteries to refresh the system. Customizations will be saved.

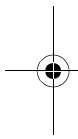


There is no audible ringing signal but the display behaves as if there is an incoming call.

Verify that you have not turned the ringer off at your handset. See pages 12 and 34.

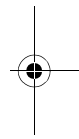
There is a problem with one of the two telephone lines. There is dial tone on only one line. Calls are being received on only one line.

- If you have two lines from the telephone company, verify that both of them are in service. Check the status of the lines with other handsets.
- Verify that Line Access is correctly configured for your handset, allowing you to receive incoming calls on both lines. See page 45.



The Caller ID information does not appear on the display.

Caller ID is an optional service provided by your telephone company. Make sure that you have subscribed to this service and that the telephone company has provided it on both of your lines.

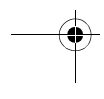
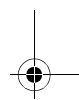
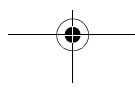
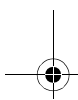


Cannot dial from the Call Log.

- Ensure local area code is set. See page 49.
- If your city has zones with different area codes, make sure that they are entered as Extra Area Codes. See page 49.

Certain telephone numbers cannot be dialed.

It is possible that the handset has been configured so that specific numbers or types of number cannot be dialed. These are called barred numbers. Verify that you are not attempting to call barred numbers. See page 43.



The display messages are in a foreign language.

Your telephone system supports display messages in English, Spanish, or French. Verify that the appropriate language has been selected. See page 36.

Cannot make outgoing calls even though incoming calls can still be received.

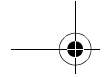
- Check the Line Access setting. It may be set to disallow outgoing calls from your handset. See page 45.
- If you entered a Long Dist Prefix, ensure that it is correct. See page 48.
- The keyboard is protected. Briefly press the **PWR** key.
- The handset is locked. Unlock it using your handset PIN. See page 32. If you forget your PIN, call Siemen's Customer Care Center at our toll-free number: (888) 777-0211.

The display flashes the message "Searching" or "Please Register"

Your handset cannot make a connection with a base controller. Make sure the handset you are using is registered with a base controller, that the base is powered-on, and that your handset is within range of the base controller. See page 39.

Conversation is interrupted frequently or call cannot be made.

- The signal is too weak to continue the conversation. The handset is out of range. Move closer to the base controller.
- The battery's power is low. Replace the battery.
- Verify that the handset is powered-on and registered to the base controller. See page 40.
- All available channels may be in use. Try the call again later.



The PIN is not 0000.

Verify that someone else did not assign a new PIN to the telephone.

If you forget your PIN, call Siemen's Customer Care Center at our toll-free number: (888) 777-0211.

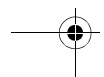
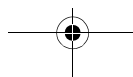
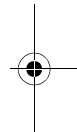
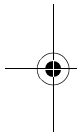
For information about product operation or warranty support, visit our Web site at www.siemenscordless.com or call these toll-free numbers:

**Customer Technical Support:
(888) 777-0211**

TDD access: (888) 777-0209

**TTY Customer Technical Support:
(888) 777-0209**

For information about purchasing more handsets for the Gigaset 2402 system, please visit our Web site at www.siemenscordless.com or call (877) 267-3373.



Appendix C

Programming Worksheet

Use this worksheet to make a record of your current configuration settings. Any system defaults are shown in **bold**.

Make a copy of this page for each handset.

Name: _____ **Intercom Number (1-8):** _____

Room Monitor

Monitor Room	ON / OFF
Set Call Number	_____
Set Level	1 2 3

Mobile Settings/Local Settings

Tones

Key Click	ON / OFF
Battery Warning	ON / OFF
Range Warning	ON / OFF
Acknowledgement	ON / OFF
Error Tone	ON / OFF
Sync Tone	ON / OFF
Auto Backlight	ON / OFF
Auto Call Accept	ON / OFF
Change PIN	___ ___ ___ ___

Base Controller Settings

Set Search Option

Both Base Controllers /
Base Controller 1 Only /
Base Controller 2 Only

System Settings

Call Barring ON / **OFF**

List of Barrings: _____

Change System PIN _____

Automatic Line Select Option

Prefer Line 1 Prefer Line 2 Manual Select

Line Access

Line 1 Incoming **Line 1 Outgoing**
Line 2 Incoming **Line 2 Outgoing**

Line Configuration Option

Short Flash Long Flash
Short Seizure Long Seizure
Tone Dialing Pulse Dialing
Short DTMF Long DTMF
Hold Tone On Hold Tone Off

Privacy

Line 1 On **Line 1 Off**
Line 2 On **Line 2 Off**

Caller ID

Prefer Name Prefer Number
No Mixed Case Mixed Case

Call Log

Log All Calls Log Unanswered Log No Calls

Long Dist Prefix _____

Area Codes

Local Area Code: _____
Extra Area Code 1: _____
Extra Area Code 2: _____
Extra Area Code 3: _____

Appendix D

Product Specifications

The Gigaset 2402 system is available with either one or two handsets and chargers. Additional handsets and chargers may be purchased separately.

BASE CONTROLLER

Dimensions: 9.09"L (23.09 cm) x 6.65"W (16.89 cm) x 2.68"D (6.81 cm)
Weight: 16 oz (453.59 g)
Antenna: External, fixed
Attachment: Desk or wall mountable

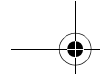
CHARGER

Dimensions: 3.1"L (7.87 cm) x 3.36"W (8.53 cm) x 2.18"D (5.54 cm)
Weight: 14 oz (396.89 g)
Attachment: Desk or wall mountable
Charge Time: In the front charger compartment,

- approximately 4-6 hours with standard rechargeable AA Ni-Cd (600 mAH) batteries
- approximately 12 hours with AA rechargeable NiMH (1200 mAH) batteries

In the reserve battery compartment,

- up to 40 hours with Ni-Cd
- up to 100 hours with NiMH



HANDSET

Dimensions: 6.88"L (17.48 cm) x 2.17"W (5.51 cm) x 1.19"D (30.23 cm)

Weight: 6.04 oz (171.23 g)

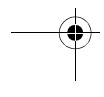
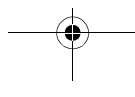
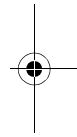
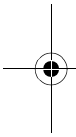
Talk Time: Approximately 4 hours with 2 standard AA rechargeable Ni-Cd (600 mAH) batteries
Approximately 8 hours with 2 standard AA rechargeable NiMH (1200 mAH) batteries

Stand-by Time: Approximately 36 hours with 2 standard rechargeable AA Ni-Cd (600 mAH) batteries
Approximately 72 hours with 2 standard rechargeable AA NiMH (1200 mAH) batteries

Charge Time: Approximately 4-6 hours with standard rechargeable AA Ni-Cd (600 mAH) batteries
Approximately 12 hours with rechargeable AA NiMH (1200 mAH) batteries

Range: 150 ft (45.72 m) indoors/1,000 ft (304.8 m) outdoors

Display: Dynamic character sizing
4 line x 16 characters

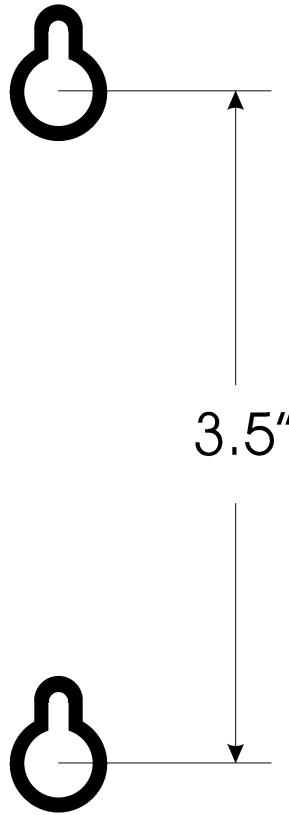


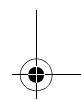
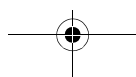
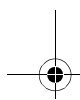
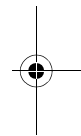
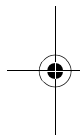
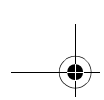
Appendix E

Wall Mounting Template

Be sure to mount the base controller so that its power supply plug can reach an electrical outlet.

1. Drill two holes vertically 3.5 in. (8.89 cm) apart into a non-metal wall. You can use this page as a template. Avoid electrical wiring.
2. Remove the wall mount kit from the system box.
3. Insert the screw inserts into the holes and turn the screws until there is a gap of approximately 3 mm between the head of the screw and the wall.
4. Slide the base controller's mounting slots onto the screws.
5. Plug the power supply into a functional 110 volt electrical outlet not controlled by a wall switch.





Index

.....

Symbols

- ← soft key 9
- ▼ and ▲ soft keys 9
- < and > soft keys 9

A

- ACCEPT soft key 9, 15
- accessing
 - both lines 44
 - Call Log 29
 - Directory 26
 - external line vi, 12
 - intercom line v, 11
 - Redial list 13
- acknowledge tone 35
- adding handsets and base controllers ii, 10
- adjusting
 - DTMF tone short/long 46
 - flash signal length 46
 - handset settings 33
 - handset volume 34
 - language 36
 - line select time 46
 - mixed case/no mixed case 48
 - name/number first 47
 - pitch 34
 - ringer settings 34
 - room monitor's trigger level 33
 - the display 35, 36
 - tone dialing/pulse dialing 46
 - which line to dial out on 44

- ALL INT soft key 12
- announced transfer viii, 20
- answering calls
 - by lifting the handset from the charger 35
 - by pressing the TALK key 12
 - when multiple calls are ringing 15
 - while on a conference call 16
 - while on another line 15
 - while using the Directory or Call Log 16
- area codes
 - automatic entry of local area code 49
 - extra area codes 49
- assigning names to
 - base controller 38
 - handset 42
- attaching
 - belt clip 6
 - headset 4
- Auto Backlight 35
- Auto Call Accept 35
- Auto Line Select 44

B

- barring outgoing calls 43
- base controller 7
 - specifications 61
- Base Settings Menu
 - menu tree 37
- Base Settings menu 37

- base station. See base controller
- batteries
 - charging 3
 - low battery warning 5
 - safety precautions xvi
 - spare batteries 6
 - specifications 61
 - warning 35
- belt clip 6
- Block Dialing 14
- buying
 - more handsets and base controllers ii
- C**
- Call Barring
 - effect on 911 calls 32
 - listing, deleting, or editing a Call Bar number 43
 - turning ON/OFF 43
- Call Log
 - accessing 29
 - choosing which calls to record 48
 - copying entries to Directory 30
 - deleting entries 30
 - dialing from 29
 - effects of Caller ID on 28
 - number of entries 28
- Call Pending 15
- call timer 12
- Call Waiting 18
- Caller ID 7
 - effect on displays 12, 15, 28
 - mixed case display 48
 - name/number first 47
- Caller ID on Call Waiting 7
- calling 911
 - effects of Call Barring on 43
 - not possible when keyboard is protected 10
 - when handset is locked 32
- calling. See dialing
- capitalizing letters 24
- changing the PIN
 - handset 36
 - System 44
- charger
 - installation 5
 - specifications 61
- charging time
 - cordless handset 5
- charging. See batteries
- checking Directory memory 26
- clearing. See deleting
- CONF soft key ix, 17, 21
- Conference calling
 - creating ix, 21
 - ending 21
- configuring your lines 45
- Consultation Hold 18
- copying
 - Call Log entries to the Directory 30
 - Directory entry to another handset 27
 - Directory to another handset 26
 - Redial numbers to the Directory 13
- creating
 - Conference call 21
 - Conference calls ix
 - Directory entry 24
- customer support ii, xv
- D**
- dashes 24
- DEL soft key 9
- deleting
 - Call Bar number 43
 - Call Log entry 30

- Directory entry 27
- entire call Log 30
- entire Directory 25
- Redial number 13
- deregistering
 - with system PIN 50
 - without System PIN 41
- dialing
 - * key 12
 - ALL INT soft key 12
 - automatic entry of extra area codes 49
 - automatic entry of local area code 49
 - automatic entry of long distance carrier's dialing code 48
 - before the dial tone (Block Dialing) 14
 - DTMF short/long 46
 - external numbers vi, 12
 - from Call Log 29
 - from Directory 26
 - from Redial list 13
 - inserting pause 14, 25, 43, 49
 - internal numbers v, 11
 - tone/pulse 46
 - while a call is coming in 12
- DIRCTRY soft key 26
- Directory
 - accessing 26
 - capacity 23
 - checking the memory 26
 - copying a number from Call Log 30
 - copying a number from Redial list 13
 - copying the Directory to another handset 26
 - creating a new entry 24
 - deleting an entry 27
 - deleting entire Directory 25
 - dialing from 26
 - editing an entry 27
 - Directory. See also text entry displays 8
- E**
- emergency calls
 - not possible when keyboard is protected 10
 - when handset is locked 32
- enabling and disabling
 - acknowledge tone 35
 - Auto Backlight 35
 - Auto Call Accept 35
 - Auto Line Select 44
 - battery warning 35
 - Call Barring 43
 - error tone 35
 - hold tone 47
 - key click sound 35
 - Privacy setting 47
 - range warning 35
 - ringer 34
 - Room Monitor 33
 - sync tone 35
- END key 8, 9
- ending
 - active calls 16
 - conference calls 21
 - held calls 16
 - menus 31
- ending. See also transferring calls
- English 36
- entering phone numbers into
 - Block Dialing 14
 - Call Barring list 43
 - Directory 24
 - Directory from Call Log 30
- entering. See text entry
- error tone 35
- external calls
 - announced transfer viii, 20

answering 14
Conference calling 21
creating conference calls ix
ending 16
fast transfer vii, 18
making vi, 12
putting on hold 17
external line 11

F

factory defaults
handset 37
original settings 59
System 50
fast transfer vii, 18
find entry 25
flash short/long 46
flashing text 38, 43
foreign language 36
French 36

G

GET L# soft key 9
getting help ii, xv

H

handset
deregistering with System
PIN 50
deregistering without
System PIN 41
displays 8
hard keys 8
soft keys 9
specifications 62
volume 34
handset PIN
changing 36
forgetting 58
hanging up. See ending
hanging. See wall mounting
headset 4
help and customer support ii,
xv
hold

Consultation Hold 18
hold tone 47
HOLD soft key 9

I

illuminating the display 35
incoming calls. See answering
inserting in
Block Dialing sequence 14
Call Bar number 43
Directory entry 25
Long Dist prefix 49
installing the Gigaset 2402 1
INT # soft key 9
INT key 8
intercom. See handset
internal calls
announced transfer viii, 20
answering 14
Conference calling 21
creating conference calls ix
ending 16
fast transfer vii, 18
making v, 11
putting on hold 17
internal line 11

J

JOIN L# soft key 9
joining ongoing calls 47

K

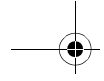
key click 35
keyboard 8
keyboard protect 10
keys
hard keys 8
soft keys 9

L

language 36
leaving the operational range 7
limiting handset access
to lines 45
to numbers 43

- LINE # soft key 9
 - line access 45
 - Line Configuration menu 45
 - line select 44
 - time 46
 - Local Settings menu 34
 - locking the handset 32
 - long distance
 - using another carrier 48
 - long flash/short flash 46
 - long/short seizure 46
- M**
- main menu
 - menu tree 51
 - making calls. See dialing
 - manually selecting a line 44
 - maximum number of
 - active handsets 10
 - calls at one time 10
 - handsets per base controller 10
 - memory
 - checking Directory 26
 - MENU key 8, 9
 - menu trees
 - main menu 51
 - Mobile Settings 54
 - System Settings 42
 - System Settings menu 53
 - mixed case/no mixed case 48
 - Mobile Settings 33
 - menu tree 54
 - Mobile. See handset
 - monitoring a room 33
- N**
- naming
 - base controller 38
 - handsets 42
 - no mixed case/mixed case 48
- O**
- OK soft key 9
 - one line access 7
 - setting for handsets 45
 - operating range 7
 - out of range warning 7
 - outgoing calls. See dialing
- P**
- pause
 - Block Dialing sequence 14
 - Call Bar number 43
 - Directory entry 25
 - Long Dist prefix 49
 - pending 15
 - PIN
 - forgetting 58
 - handset 36
 - pitch
 - adjusting ringer 34
 - Please Register x, 39
 - prefer name/prefer number 47
 - preferring a line 44
 - preventing
 - accidental key presses 10
 - handsets from joining ongoing calls 22
 - privacy
 - preventing handsets from joining ongoing calls 22
 - speaking off-line (Consultation Hold) 18
 - product specifications 61
 - programming worksheet 59
 - pulse dialing/tone dialing 46
 - PWR key 8
- R**
- range warning 35
 - RECALL soft key 9
 - recalled calls 20
 - REDIAL soft key 9
 - registering handsets x, 39
 - REGISTR soft key 9
 - registration key 7
 - resetting to factory defaults
 - handset 37

- System 50
 - resetting your PIN 58
 - restricting
 - access to handset (locking it) 32
 - customization rights 44
 - line access 45
 - outgoing calls 43
 - returning a call from
 - Call Log 29
 - Redial list 13
 - ringer settings 34
 - RINGOFF soft key 9
 - Room Monitor 33
- S**
- safety instructions and product information xiv
 - Searching 40
 - seizing a line. See Auto Line Select
 - selecting a
 - line automatically 44
 - line manually 44
 - menu setting 31
 - sending. See copying
 - Set Search 37
 - setting. See adjusting
 - short flash/long flash 46
 - short/long seizure 46
 - Siemens
 - help line numbers ii, xv
 - soft keys 8, 9
 - sound quality 7
 - Spanish 36
 - specifications 61
 - standby time 10
 - subscribing to telephone
 - company services 7
 - sync tone 35
 - synchronizing
 - sync tone 35
 - with base controller 41
 - system capabilities 10
 - system components 1
 - System PIN
 - changing 44
 - forgetting 58
 - System Settings 42
 - menu tree 53
- T**
- TALK key 8
 - talk time 10
 - TDD access ii
 - technical support ii, xv
 - telephone lock 32
 - terminating calls. See ending
 - text entry
 - capitalizing 24
 - inserting a dash 24
 - inserting a space 24
 - key press table 9, 24
 - timing calls 12
 - TOGGLE soft key 9
 - toggling
 - between an active call and one on hold 18
 - in Call Waiting mode 18
 - tone dialing/pulse dialing 46
 - Tones. See enabling and disabling
 - transferring calls
 - announced transfer viii, 20
 - external vii, viii, 18, 20
 - fast transfer vii, 19
 - internal vii, viii, 18, 20
 - recalled calls 20
 - TRANSFER soft key 9
 - troubleshooting 55
 - TTY customer support ii
 - turning ON/OFF. See enabling/disabling
 - two line access 7
- U**
- unlocking the handset 32

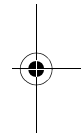
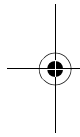


V

- volume
 - handset 34
 - ringer 34

W

- wall mounting
 - base 2
 - charger 5
 - template 63
- warnings xiv
- warranty xx



Index

