

Ericsson

Dual Band, Dual Mode Digital Telephone User's Manual

AE/ LZT 123 3960 R3

ERICSSON 

About This Manual

Important Safety Information provides guidelines for the safe use of your phone and accessories.

Guidelines for Safe and Efficient Use describes important information for using your phone.

Battery Information contains useful information about rechargeable batteries.

Getting Started tells you what you need to know to get your phone out of the box and ready to make calls.

Learning About Your Phone describes the parts of your phone to help you get familiar with its operation.

Basic Operations gets you started using your phone by describing operations such as placing calls, answering calls, speed dialing, volume control, and microphone muting during a call.

Using Menus describes how to access and navigate through menus.

Storing and Recalling Numbers describes how to use the memory features of your phone.

Message Services describes how to use the text message and voice mail features of your phone.

Menu Descriptions describes the menus and settings available on your phone.

Problems You Can Solve is a troubleshooting guide for you to use if you have problems with your phone.

The following descriptions will help you understand the information presented in this manual:

Key names are shown in bold type (**CLR**, for example) or as a key symbol (, for example).

Any alphanumeric characters that represent something shown on the phone display are shown in a typeface similar to the characters used in the phone display (**Dialing**, for example).



Hint arrows point to tips and information about using your phone.

Illustrations of phone displays shown in this manual are examples that approximate what is actually shown in the phone display. What is actually shown in your phone display may sometimes vary slightly from what is shown in the illustrations.

Table of Contents

Important Safety Information	- i	Call Waiting	- 8
Warranty Notification	- i	Unanswered Calls	- 8
Guidelines for Safe and Efficient Use	- ii	Redialing the Last Number You Called	- 8
Exposure to Radio Frequency Signals	- ii	Super Dial	- 8
Antenna Care	- ii	Speed Dial	- 8
Phone Operation	- ii	Stop and Pause Dialing.....	- 8
Driving	- ii	Emergency Calls	- 9
Electronic Devices	- iii	International Calls	- 9
Posted Facilities	- iii	Caller Number Identification.....	- 9
Blasting Areas	- iii	Low Battery Power Alert.....	- 9
Potentially Explosive Atmospheres	- iii	Security Code	- 9
Aircraft.....	- iii	Display Messages	- 9
Vehicles.....	- iii	Summary of Basic Operations	- 10
Battery Information	- iv	Using Menus.....	- 11
New Batteries.....	- iv	Opening Menus.....	- 11
Recycling Your Battery	- iv	Changing Settings.....	- 11
Battery Use and Care	- iv	Exiting Menu Mode	- 11
Battery Life/Scanning	- iv	Quickly Accessing Menus	- 11
Getting Started	- 1	Examples of Using Menus	- 12
Attaching the Antenna.....	- 1	Menu Overview	- 13
Attaching the Belt Clip to the Battery	- 1	Storing and Recalling Numbers.....	- 14
Attaching the Battery to Your Phone	- 1	Storing a Number and Name in Memory ...	- 14
Charging the Battery	- 1	Specifying a Memory Location.....	- 15
Learning About Your Phone.....	- 4	Storing a Number in Secure Memory.....	- 15
Display Indicators.....	- 5	Recalling a Number Using 	- 15
Indicator Light Functions	- 5	Recalling Previously Dialed Numbers	- 15
Accessing Your Native Language	- 5	Recalling a Number Using the	
Key Functions	- 5	Memory Menu	- 15
Descriptions of Phone Models	- 6	Recalling a Number From Secure	
Basic Operations	- 7	Memory	- 15
Turning Your Phone ON	- 7	Altering a Number in Memory	- 16
Turning Your Phone OFF.....	- 7	Erasing a Number From Memory.....	- 16
Making a Call	- 7	Message Services	- 17
Automatic Redial	- 7	Text Message Service	- 17
Answering a Call	- 7	Voice Mail Service.....	- 19
Temporarily Muting the Ring Tone.....	- 7	Quick Access to Text and Voice Mail	
Increasing or Decreasing Earpiece Volume		Messages.....	- 20
During a Call	- 7		
Muting the Microphone During a Call.....	- 7		

Menu Descriptions	- 21	Auto Prefix.....	- 24
Memory Menu	- 21	Auto Retry	- 24
Store Mem	- 21	Tone Send.....	- 24
RCL Mem	- 21	Access Tone.....	- 24
StoreScrpd	- 21	Sounds Menu.....	- 25
RCL ScrPad	- 21	SilentMode	- 25
RCL LastNo	- 21	Msg Tone	- 25
MemoryUsed.....	- 21	Key Sound.....	- 25
Messages Menu.....	- 21	Key Volume	- 25
UnreadText.....	- 21	Ear Volume.....	- 25
Old Text	- 21	SpeakerVol.....	- 25
Delete All.....	- 21	Ring Pulse.....	- 25
VoiceMsgs1.....	- 21	Ring Pitch.....	- 25
VoiceMsgs2.....	- 21	Ring Volume.....	- 25
System Options Menu	- 22	Call Data Menu	- 26
Sys Select	- 22	ReceiveLog	- 26
Home Only	- 22	Last Time	- 26
Phone No.	- 22	Elapsed	- 26
SystemInfo	- 22	Call Count	- 26
Privacy	- 22	Time Count	- 26
Time/Date	- 22	Locks Menu	- 27
General Setup Menu	- 23	Auto Lock	- 27
KeypadLock.....	- 23	Dialing	- 27
Back Light	- 23	Call Cards	- 27
Contrast.....	- 23	Receiving	- 27
Greeting	- 23	Sec. Code	- 27
Language	- 23	Call Cards Menu	- 28
Accessing Your Native Language	- 23	Calling Card Setup.....	- 28
Menu Reset.....	- 23	Changing the Flow Order.....	- 28
Call Setup Menu	- 24	Selecting a Calling Card	- 28
Super Dial	- 24	Using a Calling Card	- 28
Speed Dial	- 24	Problems You Can Solve.....	- 29
Answer Opt	- 24	Problems and Possible Solutions.....	- 29
Call Timer.....	- 24	Displayed Messages and Explanations	- 29
Minute Mind.....	- 24		
Auto Area	- 24		

Important Safety Information

Some of the following information may not apply to your particular product. However, as with any electronic product, you should observe safety precautions when you use this product.

- Save this manual—it contains important safety information and operating instructions.
- Before using the product, please follow and adhere to all warnings, safety and operating instructions located on the product and in this User's Manual.
- Do Not expose the product to water or moisture.
- Do Not expose the product to extreme hot or cold temperatures.
- Do Not expose the product to open flames.
- Do Not allow objects to fall on, or liquids to spill on the product.
- Use only Ericsson Original Accessories. Damage from use of non-approved accessories will void your phone warranty.
- Connect the AC adapter only to designated power sources as marked on the product.
- To reduce the risk of damage, remove the electrical cord from an outlet by pulling the AC adapter rather than the cord.
- Make sure the electric cord is located so that it will not be subjected to damage.
- To reduce the risk of electric shock, unplug the product from the power source before attempting any cleaning. Once unplugged, use a soft cloth dampened with water.
- DANGER – Never alter the AC cord or plug. If the plug will not fit into the outlet, have a proper outlet installed by a qualified electrician. Improper connection can result in electric shock.
- Do Not attempt to disassemble the product—doing so will void the warranty. This product does not contain consumer-serviceable components. Service should be performed only by Authorized Service Centers.
- Do Not remove the antenna. A detached antenna may be a choking hazard for children.
- Do Not allow battery to be placed in the mouth. Electrolytes could release and may be toxic if swallowed.

Warranty Notification

Do not tamper with the Warranty Seal on the back of your phone. Tampering with this seal can void your warranty. Do not attempt to take your phone apart. Doing so will void your warranty. Your phone does not contain consumer-serviceable

components. Service should only be performed by Authorized Service Centers. Only original Ericsson branded accessories are engineered for guaranteed compatibility with your Ericsson mobile phone. Use of any other accessories may void your phone warranty.

Guidelines for Safe and Efficient Use

Important: Read This Information Before Using Your Handheld Portable Telephone

Your handheld portable telephone lets you stay in touch with your office, your home, emergency services, and many other places while you travel. For safe and efficient operation of your phone, observe the guidelines in this manual.

Your telephone is a radio transmitter and receiver. When it is ON, it receives and sends out radio frequency (RF) energy. The phone operates in the frequency ranges of 824 MHz to 894 MHz and 1850 MHz to 1990 MHz, employing commonly used frequency modulation (FM) techniques. When you use your phone, the wireless system handling your call controls the power level at which your phone transmits.

Exposure to Radio Frequency Signals

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

- ANSI C95.1 (1992)*
- NCRP Report 86 (1986)*
- ICNIRP (1996)*

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

*American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection

Antenna Care

Use only the supplied antenna or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

Normal Position

Hold the phone as you would any other telephone, with the antenna pointed up and over your shoulder.



Tips on Efficient Operation

For your phone to operate most efficiently, do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Get to know your wireless phone and its features such as speed dial and redial.
- When available, use a handsfree device.
- Position your wireless phone within easy reach.
- Suspend conversations during hazardous driving conditions or situations.
- Do not take notes or look up phone numbers while driving.
- Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic.
- Do not engage in stressful or emotional conversations that may be distracting.
- Use your wireless phone to call for help.
- Use your wireless phone to help others in emergencies.
- Call roadside assistance or a special wireless non-emergency assistance number when necessary.

- Give full attention to driving.
- Pull off the road and park before making or answering a call if driving conditions so require.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six inches (6") be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- Should turn the phone OFF immediately if they have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted "turn off two-way radio." Obey all signs and instructions.

Potentially Explosive Atmospheres

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

Aircraft

FCC regulations prohibit using your phone while in the air. Turn your phone OFF before boarding an aircraft.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Battery Information

New Batteries

The battery packaged with your phone is not fully charged. To get maximum battery capacity, you can use a multicharger to *condition* the battery. To condition the battery, you first charge it, and then you fully discharge it, three times in succession. See *Conditioning a Battery* on page 3.

Recycling Your Battery

Your phone manufacturer is a member of the Rechargeable Battery Recycling Corporation (RBRC), a non-profit public service organization designed to assist in the recycling of rechargeable NiCd batteries. Many areas require the recycling of these types of batteries. In the U.S., call 1-800-822-8837 to find out how to recycle your battery. Outside the U.S., contact your local retailer for recycling instructions.

Battery Use and Care

A rechargeable battery has a long service life if treated properly. A new battery, or one that has not been used for a long period of time, should be conditioned, as described above, before using your phone. If a multicharger was packaged with your phone, the multicharger has a battery conditioning function.

Avoid recharging a fully-charged or almost fully-charged battery. This can result in the memory effect, which causes the battery to charge to less than its full capacity. If your phone shuts off due to low battery power, charge the battery within 24 hours for the battery to reach full capacity.

- Do not leave your battery where it could be subjected to extremely hot or cold temperatures. This could reduce the battery's capacity.
- Never let the metal contacts on the battery touch another metal object. This could short-circuit and damage the battery.
- Do not attempt to take a battery apart.
- Do not expose a battery to open flame. This could cause the battery to explode.
- Turn your phone OFF before removing the battery.
- Use only the AC/DC adapter supplied with your battery charger. Using a different adapter could be dangerous and will void your phone warranty.
- Never charge a battery when the ambient room temperature is below 50° F (10° C) or above 105° F (40° C).
- Do not allow the battery to be placed into the mouth. Battery electrolytes may be toxic if swallowed.

Battery Life/Scanning

When your phone cannot locate your home calling area or another acceptable coverage provider, it will display *Scanning*. This means the phone is continuously searching for a channel to provide service. You need to be aware that scanning uses more battery life than normal operation of your phone. Your phone's battery life will be depleted more quickly than normal if your phone frequently performs the scanning function.

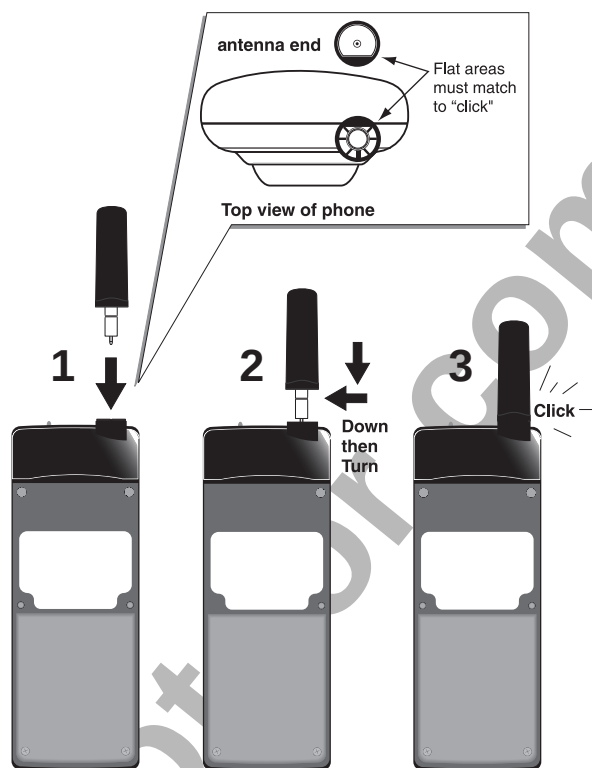
Getting Started

Complete the following steps after you have removed your phone and its components from the box:

1. Attach the antenna to the phone.
2. Attach the belt clip to your battery. (This step is optional. Also note that the belt clip cannot be used with the ultra-slim battery.)
3. Attach the battery to your phone.
4. Before using your phone, fully charge the battery using the charger provided with your phone.

Attaching the Antenna

1. Insert the gold pin on the end of the antenna into the antenna connector located on the top of the phone, as shown in the illustration.



2. Press the pin into the connector and rotate the antenna until the antenna clicks and locks in place. There should be no gap between the antenna and the connector on the phone, and you should not be able to easily rotate the antenna after it locks in place. For best

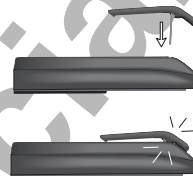
performance, do not frequently remove and replace the antenna.

Attaching the Belt Clip to the Battery

DO NOT try to remove the belt clip after you have attached it to a battery. Trying to remove the belt clip could damage the battery case.

Using the belt clip is optional. A belt clip cannot be used with an ultra-slim battery.

Insert the flat tab on the belt clip into the slot in the battery case as shown in this illustration.

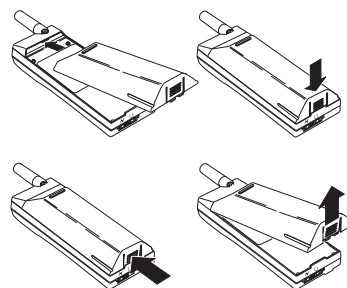


You should hear the belt clip click when it locks in place.

Attaching the Battery to Your Phone

Attach the battery to your phone as shown in the following illustration.

Removing the battery is the reverse of attaching it to the phone.



Charging the Battery

Your phone is packaged with one of the following battery chargers:

- A rapid charger
- An overnight charger
- A travel charger
- A multicharger

To charge your battery, follow the steps on the next page for the charger included with your phone. The label on the box in which your phone was packaged identifies the charger and battery included in the package. You should fully

Getting Started

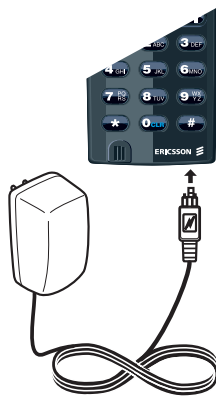
charge the battery before you attempt to use your phone.

NEVER attach the charger to a phone that does not have a battery installed.

Rapid Charger

The rapid charger supplies power to charge your battery while the battery is attached to your phone. You can make and receive calls while using the rapid charger, if you wish. To charge your battery with the rapid charger:

1. Plug the charger into a standard wall electrical outlet.
2. Hold the phone with the display and keypad up.
3. Hold the small plug on the charger cord so the lightning bolt symbol is up.
4. Align the small plug on the charger cord with the connector on the bottom of your phone. The connector on the phone is above the lightning bolt symbol.



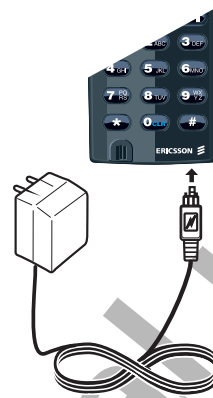
5. Press the plug into the connector until the plug "snaps" into place.

Overnight Charger

The overnight charger supplies power to charge your battery while the battery is attached to your phone. To charge your battery with the overnight charger:

1. Plug the charger into a standard wall electrical outlet.
2. Hold the phone with the display and keypad up.
3. Hold the small plug on the charger cord so the lightning bolt symbol is up.
4. Align the small plug on the charger cord with the connector on the bottom of your phone.

The connector on the phone is above the lightning bolt symbol.

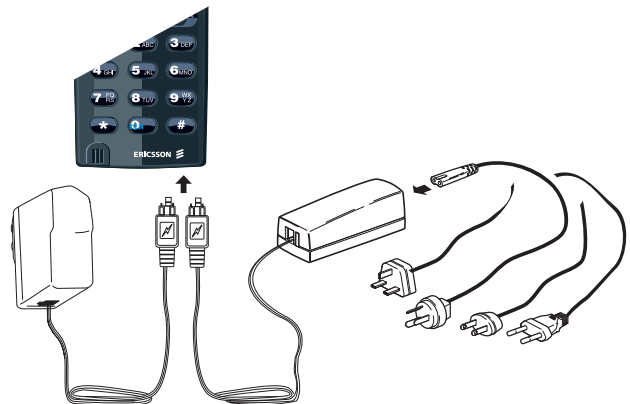


5. Press the plug into the connector until the plug "snaps" into place.

Travel Charger

The travel charger supplies power to charge your battery while the battery is attached to your phone. You can make and receive calls while using the travel charger, if you wish. To charge your battery with the travel charger:

1. Using the appropriate cord supplied with the charger, attach the phone to the charger, as shown in the following illustration.



2. Using the other cord supplied, plug the charger into a standard electrical wall outlet.

Multicharger

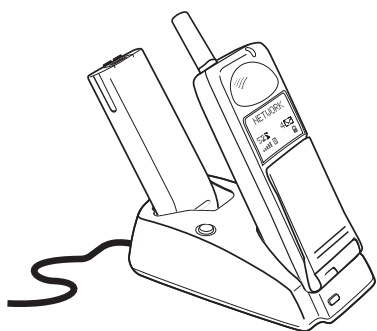
The multicharger can charge a battery attached to your phone (standing in the front compartment of the charger) and a separate battery (in the rear compartment of the charger). The multicharger can also condition a battery by discharging the battery completely before beginning the charging cycle. The

charger can charge both NiMH and NiCd batteries.

Charging a Battery Attached to Your Phone

You can make and receive calls while using the multicharger to charge a battery attached to your phone, if you wish.

1. Using the lightning bolt symbols as your guide, align the small plug on the charger cord with the receptacle on the back of the charger.
2. Plug the connector on the charger cord into the receptacle on the back of the multicharger.
3. Plug the AC adapter on the power cord into a wall outlet.
4. Insert your phone into the front compartment of the multicharger, as shown in the following illustration.



The light on the left front corner of the multicharger comes on red when the phone is properly seated in the multicharger, and the phone's display indicates that the battery is charging.

5. Remove your phone from the multicharger when the light turns green, which indicates that the battery attached to your phone is fully charged.

NOTE: When the phone is attached to the charger, the phone backlight will turn off as soon as a call is received. This enhances phone and battery performance.

Charging a Separate Battery

1. Using the lightning bolt symbols as your guide, align the small plug on the charger cord with the receptacle on the back of the charger.

2. Plug the connector on the charger cord into the receptacle on the back of the multicharger.
3. Plug the AC adapter on the power cord into a wall outlet.
4. Insert the battery into the rear compartment of the multicharger.

The multicharger's rear indicator light comes on red when the battery is properly seated in the rear compartment.

5. Remove the battery from the multicharger when the rear indicator light turns green, which indicates that the battery is fully charged.

NOTE: You can charge two batteries—one attached to your phone and one in the rear compartment—at the same time.

Conditioning a Battery (Rear Slot Only)

The multicharger can condition a battery by fully discharging the battery and then charging the battery to full capacity. Conditioning helps prevent the memory effect that can result from repeatedly charging a battery before the battery is fully discharged.

1. Using the lightning bolt symbols as your guide, align the small plug on the charger cord with the receptacle on the back of the multicharger.
2. Plug the connector on the charger cord into the receptacle on the back of the multicharger.
3. Plug the AC adapter on the power cord into a wall outlet.
4. Insert the battery into the rear compartment of the multicharger.
5. Press the light on the left rear side of the multicharger. The light remains a solid yellow while the multicharger discharges the battery. It can take anywhere from two to six hours to discharge the battery, depending on the battery type.

The light turns a solid red when the multicharger begins charging the battery.

6. Remove the battery from the multicharger when the light turns green, which indicates that the battery is fully charged.

Learning About Your Phone

Your digital wireless phone is similar in appearance to one of the illustrations below.



KH 618

Antenna

**Indicator
Light**

**Side
Volume
Keys**

Earpiece

Display

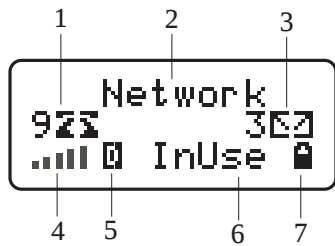
Keypad

Microphone

**Flip Cover
(KF 688 only)**



**KH 668
KF 688**



The display shown above represents the standby display.

Display Indicators

1. Voice Mail Icon indicates that you have voice mail that you have not retrieved. The number indicates the number of messages.
2. Service Provider shows the name of your service provider.
3. Text Message Icon indicates that you have text messages that you have not retrieved. The number indicates the number of messages. An **F** indicates that text message memory is full.
4. Signal Strength Indicator shows the relative signal strength from the system. More bars indicate a stronger signal.
5. Mode Indicator shows whether your phone is operating in Digital (**D**), Analog (**A**), or Private (**P**) mode.
6. Status Indicator shows the operating status of your phone. For example, **InUse** is shown during a call.
7. Battery Strength Icon shows the relative strength of your battery. A full icon indicates a fully-charged battery.

Indicator Light Functions

The color and state of the indicator light on top of your phone indicates the following conditions:

Slow Flashing Green: Phone is in standby.

Rapid Flashing Green: Phone is receiving a call.

Steady Green: Phone is receiving power from an external source, such as a travel charger.

Flashing Red: Low battery power alert.

Accessing Your Native Language

- Press **4 5** to access the Languages submenu.
- Enter your security code at the prompt (default is 0000).
- Use **↵** or **⬅** to scroll through the list of available languages until the cursor (**#**) is next to the appropriate language.
- Press **YES** to store your selection.
- Press **CLR** to exit menu mode.

Key Functions



YES

- Press to place a call.
- Press to answer a call.
- Press to store menu settings.
- Press and hold (after entering a number) to make a calling card call.
- Press and hold (during a call) to send displayed numbers as tones.
- Press during a call to switch between calls (call waiting or three-way calling features must be activated by your service provider).



NO/ON/OFF

- Press and hold to turn your phone ON or OFF.
- Press to end a call.
- Press to exit a menu without saving changes made in the menu.
- Press to temporarily mute the ringer when receiving a call.



Up Arrow

- Press to recall numbers stored in memory, when your phone is in standby mode.
- Press twice to recall the last number called, when your phone is in standby mode.
- Press to scroll through menus and menu setting selections when your phone is in menu mode, or to scroll through stored numbers.
- Press to scroll through messages.
- Press and hold to go up through a message, one screen at a time.
- Press to increase the earphone volume during a call.

Learning About Your Phone



Down Arrow

- Press to enter menu mode.
- Press to scroll through menus and menu setting selections when your phone is in menu mode, or to scroll through stored numbers.
- Press to scroll through messages.
- Press and hold to go down through a message, one screen at a time.
- Press to decrease the earphone volume during a call.



Clear

- Press to erase the last digit entered from the display.
- Press and hold to clear all digits or letters from the display.
- Press and hold to delete numbers in memory and text messages.
- Press to exit menu mode.
- Press and hold during a call to mute the microphone (press and hold again to deactivate mute).



Upper Side Key (KH 668 and KF 688 Only)

- Press to increase the earphone volume during a call.
- Press to scroll upwards through menus and menu setting selections when your phone is in menu mode, or scroll through numbers stored in memory.



- Use with the lower side key to switch between voice mail access screens.
- Press to move upwards through memory fields, line by line, when you're in recall mode.
- Press to temporarily mute ring tone.

Lower Side Key (KH 668 and KF 688 Only)

- Press to decrease the earphone volume during a call.
- Press to scroll downwards through menus and menu setting selections when your phone is in menu mode, or scroll through numbers stored in memory.
- Use with the upper side key to switch between voice mail access screens.
- Press to move downwards through memory fields, line by line, when you're in recall mode.
- Press to temporarily mute ring tone.

In general, the upper side key functions in the same way that the up arrow key (⬆) functions, and the lower side key functions in the same way that the down arrow key (⬇) functions.

Descriptions of Phone Models

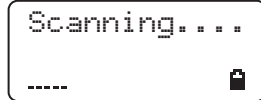
The table below lists the distinguishing features of the dual-band, dual-mode phones described in this manual.

	KH 618	KH 668	KF 688
Side Volume Keys	No	Yes	Yes
Phone Number Storage	50 numbers	130 numbers	200 numbers
Text Message Memory	5 messages	2KB maximum	2KB maximum
Last Dialed Memory	10 numbers	20 numbers	40 numbers
Active Flip Cover	No	No	Yes
Caller ID Log	10 numbers	20 numbers	40 numbers

Basic Operations

Turning Your Phone ON

Press and hold  until your phone beeps. The display and keypad backlighting come on for about 15 seconds. The display should look similar to this illustration. After your phone locates the network, your service provider's name replaces the word **Scanning** in the display.

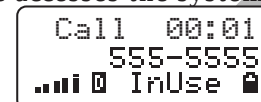


Turning Your Phone OFF

Press and hold  until your phone beeps and the display goes blank.

Making a Call

1. Enter the phone number you wish to call by pressing the numeric keys. The number is shown in the display. Press **CLR** to erase a digit. Press and hold **CLR** to erase all digits.
2. Press . **Dialing** is shown in the display while your phone attempts to access the system. When your phone accesses the system, **InUse** is shown on the bottom line of the display. **Call** replaces **Dialing**, as shown in this illustration.



If the Call Timer is enabled, the duration of the call (in minutes and seconds) is shown in the display beside **Call**. See page 24 for information on the call timer.

3. When you finish your conversation, press  to end the call (or close the flip, if your phone has an active, enabled flip cover).

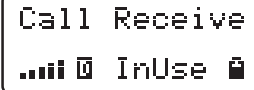
Automatic Redial

If you try to place a call and the system is not available, your phone automatically redials the number every 15 seconds for three minutes if the **AUTO RETRY** feature is enabled. See page 24 for more information.

Answering a Call

When your phone receives a call, the ring tone sounds (unless you have disabled it through the **Sounds** menu—see page 25), the words **Call**

Receive flash in the display, the display and keypad backlighting flash, and the indicator light on top of the phone rapidly flashes green.



If you have caller ID service from your system, the caller's phone number is shown in the display. If the caller's number is stored in the phone memory, the name stored with the number is also shown.

1. Press  to answer the call. (If your phone has a flip cover, you can answer the phone by opening the cover, if enabled. See *Answer Opt* on page 24.) The words **Call Receive** are replaced by the call timer (if it is enabled—see page 24).
2. Press  to end the call (or close the flip, if your phone has an active, enabled flip cover).

Temporarily Muting the Ring Tone

To temporarily mute the ring tone without answering the call, press either key on the side of your phone (if available), or press  on the front keypad. **Call Receive** is still shown in the display, and you can still answer the call by pressing .

Increasing or Decreasing Earpiece Volume During a Call

To increase the speaker volume during a call, press the upper key on the side of your phone (if available), or press  on the front keypad. To decrease the speaker volume during a call, press the lower key on the side of your phone (if available), or press  on the front keypad.

Muting the Microphone During a Call

To mute the microphone during a call, press **CLR** for one second or longer. **Mic Muted** is shown in the display. Press **CLR** again (for one second or longer) to return to your call. If your phone has a flip that is not programmed to answer or end the call, then closing the flip will mute the call, and opening the flip will return to the call.

Call Waiting

If you have call waiting service from your system, press **YES** to answer a call when you receive the call waiting signal. You can switch between the two calls by pressing **YES**. DO NOT press **NO** until you are ready to end both calls.

Unanswered Calls

Your phone's display shows the number of calls you have received but did not answer. You can clear the number from the display by pressing any key or by turning the phone OFF.

If Caller Number Identification (CNI) is available from your service provider, unanswered calls will be stored in the ReceiveLog section of the Call Data menu (see page 26).

Redialing the Last Number You Called

Your telephone temporarily stores numbers you have previously called. To view these numbers, press **⏮** twice. The last number you called is shown in the display. Press **⏮** or **⏭** to scroll through the other numbers. You can place a call to a number shown in the display by pressing **YES**. You can also view the last numbers you called through the Memory Menu (see page 21).

You can delete a number from the Last Dialed list by pressing and holding CLR while the number is shown in the display.

Super Dial

The Super Dial feature (when enabled through the Call Setup menu—see page 24) gives you “one-touch” dialing for phone numbers stored in memory locations 1 through 9. See page 14 for information on storing numbers in memory.

To use Super Dial, press and hold the numeric key (1 - 9) that corresponds to the memory location containing the number you want to call. For example, if you want to call the number stored in memory location 7, press and hold 7.

Speed Dial

The Speed Dial feature (when enabled through the Call Setup menu—see page 24) lets you quickly dial a phone number stored in memory.

See page 14 for information on storing numbers in memory.

To use Speed Dial, enter the number of the memory location containing the number you want to call, then press **YES**. For example, if you want to call the number stored in memory location 12, press 1, then press 2 and press **YES**.

Stop and Pause Dialing

Stop and pause dialing lets you enter a group of numbers with stops and/or pauses between groups. This feature is useful when you need to dial a phone number and then another number, such as an access number for an answering machine or voice mail system.

A *stop* causes the phone to stop transmitting numbers until you press **YES**. You can enter a stop in a series of digits by pressing and holding # until **S** is shown in the display.

A *pause* temporarily suspends transmitting numbers for approximately two seconds before sending the next series. You can enter a pause in a series of digits by pressing and holding * until **P** is shown in the display.

For example, if your office has a voice mail system that requires you to dial a phone number, followed by your extension, followed by an access code, you could enter the following: 555-1111**S**2222**P**3333 where 555-1111 is the phone number to enter your voice mail system. **S** is a stop. 2222 is your extension. **P** is a pause. 3333 is your access code.

When you press **YES**, your phone dials the number and then stops transmitting tones. When your voice mail system asks for your extension, press **YES** to transmit your extension. After a two second pause, your access code is automatically transmitted.

If the timing in your voice mail system does not allow you to use a pause, you can enter a stop instead of the pause.

You can also store groups of numbers with stops and pauses, such as the above example, in a memory location. You can then dial the numbers by entering the memory location and pressing **YES**.

Emergency Calls

Your phone was programmed with an emergency number (911) when it was manufactured. The programmed emergency number can be dialed and called at any time, if there is a 911 system available, regardless of any call restrictions you have set through the Locks menu (see page 27). A representative from your service provider or the retail outlet where you purchased your phone should be able to change the emergency number in your phone, if a 911 system is not available in your service area.

If police, fire, or medical help is needed, dial 911 or your emergency number and press . Tell the dispatcher that you are calling from a wireless phone. Wireless 911 calls do not automatically provide emergency personnel with your name, location, or phone number. The dispatcher will want to know the following:

1. Your name and wireless phone number.
2. The nature of the emergency.
3. If police, fire, or medical assistance is needed.
4. The exact location of the emergency including cross streets, mileposts, or landmarks.
5. How many people are involved, their condition, and if help is being administered.

International Calls

If allowed by your system, you can place international calls with your phone just as you would from any other phone. If you have

difficulty completing international calls, check with your system operator for information.

Caller Number Identification

If your system provides Caller ID service, your phone shows the phone number of an incoming call in the display. Also, if the number is one that you have stored in memory with a name, the name is shown with the phone number when your phone rings. If the Caller ID information is not available, the message NO ID is shown in the display. The word Private may be shown if the caller ID is restricted by the system.

Low Battery Power Alert

The low battery alert sounds when your battery is reaching its lowest operational power level. The words Low Battery flash in the display, and the indicator light on top of your phone flashes red. When this happens, leave your phone turned ON. The phone discharges the battery and then shuts itself OFF. You should charge the battery within 24 hours so that the battery can charge to full capacity.

Security Code

Your phone has a security code that you must enter to gain access to certain functions, such as call restrictions and calling card numbers. The factory-programmed code is 0000. You should change this code to provide maximum security for your phone.

Display Messages

Call Receive
Dialing
InUse
Call MM:SS
Low Battery
System Busy!
Scanning...
Calls
Mic Muted
Phone Locked
Keypad Lock
Call is Restricted

Charging Only
Charging Complete
Silent

Your phone is receiving a call.

Your phone is dialing the number shown in the display.

You have a call active.

The elapsed time of your active call, in minutes and seconds.

The battery is reaching its lowest operational power level.

Your system has no channels available. Try again later.

The phone is searching for a system.

The number of calls you have not answered.

The microphone is muted.

The phone is locked to prevent unauthorized use.

The keypad is locked to prevent unauthorized use.

You attempted to call a phone number that is restricted in the Locks menu.

The phone is in charge-only mode and will not make or receive calls.

Charging is finished.

The phone ringer is muted.

Summary of Basic Operations

To Do This:

Turn your phone ON

Turn your phone OFF

Decrease earpiece volume during a call

Increase earpiece volume during a call

Answer a call

End a call

Enter menu mode

Enter menu mode during a call

Go back one level in menu mode

Exit menu mode

Scroll through menus or menu settings

Erase the last digit/letter entered

Erase all digits/letters entered

Call the number shown in the display

Recall a recently dialed number from memory

Save the text message you are reading

Select a highlighted menu setting

Switch Keypad Lock ON and OFF

Switch Silent Mode ON and OFF

Call number in display using calling card

Send DTMF tones during a call

Quick Access to Voice Mail

Quick Access to Text Messages

Mute your voice during a call

Mute the ringer when a call is received

Access RCL mode

(recall names, numbers and memory positions stored in memory)

Press:

Press and hold 

Press and hold 

 (or the lower side key, if available)

 (or the upper side key, if available)

 (or open the flip, if available)

 (or close the flip, if available)



Press and hold 



CLR

 or  (or the side keys, if available)

CLR

Press and hold **CLR**



  (or press upper side key twice, if available)





 then *

 then #

Press and hold 

Press and hold 

Press and hold  or , then 

Press and hold  or , then  or , then 

Press and hold **CLR**

 (or the side keys, if available)

 and press 

Using Menus

This chapter explains how to use your phone's menus. You should read this chapter thoroughly to understand how to navigate through the menu system and how to change menu settings.

Your phone's menus are an easy way for you to:

- Store and recall numbers in memory
- Check text messages and voice mail
- Set up call features
- Change ring tone and other sound settings
- Change other settings for your phone

Opening Menus

To open the main menu, press **▼**. Main Menus and the names of the first two submenus are shown in the display. Pressing **NO** when the main menu is shown in the display returns your phone to standby mode.



Main Menus
1 Memory
2 Messages

To open one of the submenus:

1. Press **▼** or **▲** to scroll through the list of submenus. (If your phone has side keys, you can use them to navigate through menus. To scroll up, press the upper side key, and to scroll down, press the lower side key.)
2. When the menu pointer (*) is beside the submenu you want to open, press **YES**. The list of settings for the submenu is shown in the display.
3. You can scroll through the list of settings by pressing **▼** or **▲**.
4. To back up to the list of submenus, press **NO**.

Pressing **NO** from a list of submenu settings returns you to the main menu list.

Changing Settings

Open the menus as previously described, then:

1. Press **▼** or **▲** to scroll through the list until the menu pointer is beside the setting you want to change.
2. Press **YES**. The choices available for the setting are shown in the display. The currently active choice is enclosed in brackets. Some settings have two choices, such as ON and OFF for the Speed Dial setting in the Call Setup menu. Other settings have a list of choices, such as the Ring Pulse setting in the Sounds menu.
3. Press **▼** or **▲** to scroll through the list of choices until the menu pointer is beside the choice you want. If the setting has only two choices, press either of these keys to switch between the two choices. The active choice is enclosed in brackets.
4. Press **YES** to store the choice you selected OR press **NO** if you want to exit the menus without storing any changes you have made. If you store your changes, the words SELECTION STORED! are shown briefly in the display. The list of settings is then shown in the display.

Exiting Menu Mode

Press **NO** at any menu level to go back one level. Press **CLR** to exit menu mode.

Note: If your phone receives a call while it is in Menu mode, the phone automatically exits menu mode to allow you to answer the call.

Quickly Accessing Menus

If you know the numbers associated with the submenu and setting you want to change, you can quickly access that submenu and setting by pressing **▼**, followed by the number of the submenu and then the number of the setting. For example, suppose you want to change the sound the keys on your phone make when you press them. If the Sounds submenu is number 6, and the Key Sounds setting is number 3, you could press **▼**, then 6, then 3 to go directly to the choices for Key Sounds.

Examples of Using Menus

Turning Minute Minder ON

1. Press **▼**. The Main Menu list is shown in the display.
2. Press **▼** or **↶** until the menu pointer (▄) is beside **Call Setup**.
3. Press **YES**. The Call Setup menu settings are shown in the display.
4. Press **▼** or **↶** until the menu pointer is beside **MinuteMinder**.
5. Press **YES**. The choices for MinuteMinder (ON and OFF) are shown in the display.
6. Press **▼** or **↶** until **[ON]** is enclosed in brackets.
7. Press **YES**. **SELECTION STORED!** is shown briefly in the display, then the settings list for the Call Setup menu is shown.
8. Press **CLR** to exit menu mode.

```

4 Gen. Setup
5▄ Call Setup
6 Sounds
    
```

Changing the Volume of the Ring Tone

1. Press **▼**. The Main Menu list is shown in the display.

2. Press **▼** or **↶** until the menu pointer (▄) is beside **Sounds**.

3. Press **YES**. The Sounds menu settings are shown in the display.

4. Press **▼** or **↶** until the menu pointer is beside **Ring Volume**.

5. Press **YES**. The list of choices for Ring Volume are shown in the display.

```

Off
High
Escalating
Medium
Low
Extra-Low
    
```

6. Press **▼** or **↶** until the menu pointer is beside the Ring Volume choice you want. As you scroll through the choices, the phone sounds the ring volume for each choice.

```

5 Call Setup
6▄ Sounds
7 Call Data
    
```

7. Press **YES** to store your choice.

SELECTION STORED! is shown briefly in the display, then the Sounds menu settings are shown.

8. Press **CLR** to exit menu mode.

Menu Overview

The following chart shows the menus and settings for your phone.

1 Memory	5 MinuteMind
1 Store Mem.	6 Auto Area
2 RCL Mem.	7 AutoPrefix
3 StoreScrpd	8 Auto Retry
4 RCL ScrPad	9 Tone Send
5 RCL LastNo	10 AccessTone
6 MemoryUsed	
2 Messages	6 Sounds
1 UnreadText	1 SilentMode
2 Old Text	2 Msg Tone
3 Delete All	3 Key Sound
4 VoiceMsgs1	4 Key Volume
5 VoiceMsgs2	5 Ear Volume
3 System Opt	6 SpeakerVol
1 Sys Select	7 Ring Pulse
Home Only++	8 Ring Pitch
2 Phone No.+	9 RingVolume
3 SystemInfo	
4 Privacy	7 Call Data
5 Time/Date	1 ReceiveLog
4 Gen. Setup	2 Last Time
1 KeypadLock	3 Elapsed
2 Back Light	4 Call Count
3 Contrast	5 Time Count
4 Greeting	
5 Language+	8 Locks+
6 MenuReset+	1 Auto Lock
5 Call Setup	2 Dialing
1 Super Dial	3 Call Cards
2 Speed Dial	4 Receiving
3 Answer Opt	5 Sec. Code
4 Call Timer	9 Call Cards+
	1 CardSelect
	2 Card1Setup
	3 Card2Setup

+ These menu items require you to enter your security code for access.

++ "Home Only" may not be shown, depending on your service provider's setup.

Storing and Recalling Numbers

You can store phone numbers and associated names in your phone's memory to use for Recall dialing, Speed Dial, and Super Dial. Each number you store can be up to 32 digits in length, and any names you store can be up to 24 characters in length.

Note: The number of phone numbers that your phone can store (see page 6) is based on each number containing 12 digits and having an eight-character name stored with the number. Storing longer numbers and names reduces the amount of memory available and the actual numbers you can store. You can view the percentage of memory used and available through the Memory menu (see page 21).

The upper side key functions in the same way that the up arrow key (⬆) functions, and the lower side key functions in the same way that the down arrow key (⬇) functions.

Storing a Number and Name in Memory

There are two ways you can do this:

- Store a number using the Memory menu
- Store a number already shown in the display.

Storing a Number by Using the Memory Menu

1. Press **⬇** to access Menu mode.
2. Press **⬇** or **⬆** until the menu pointer (⬆) is beside **Memory**.

3. Press **YES** to open the Memory menu.
4. Press **⬇** or **⬆** until the menu pointer is beside **Store Mem**.
5. Press **YES** to open the Store Mem selection. The next open memory location is shown in the display, similar to this illustration.

6. Enter a name you want associated with this telephone number. The following table shows which keys to press and the number of times you must press them to enter letters.
7. Press **⬇** to move the cursor to the **No:** line in the display.

8. Enter the phone number you want to store.



To enter letters from the keypad, you must press a key from one to five times, depending on which letter you want to enter.

Press this	Number of Times				
	One	Two	Three	Four	Five
1	space	&	1		
2	A	B	C	2	
3	D	E	F	3	
4	G	H	I	4	
5	J	K	L	5	
6	M	N	O	6	
7	P	Q	R	S	7
8	T	U	V	8	
9	W	X	Y	Z	9
0	0				
*	,	'	"	*	
#	-	.	?	#	

9. Press **YES** to store the number. **Stored in memory!** is shown in the display.

Storing a Number Shown in the Display

1. Enter a number.
2. With the number shown in the display, press **⬇** to access Menu mode.
3. Press **⬇** or **⬆** until the menu pointer is beside **Memory**.
4. Press **YES** to open the Memory menu.
5. Press **⬇** until the menu pointer is beside **Store Mem**.
6. Press **YES** to open the Store Mem selection. The number is shown in the **No:** line of the Store Mem display.
7. If you want to enter a name to be associated with this number, enter it now on the **Name:** line. See the table on page 14 for information on entering letters.
8. Press **YES** to store the number in memory.

Specifying a Memory Location

If you want to store a phone number in a specific memory location, follow the previous steps for entering the number and name, then press **↵** to move the cursor to the **STORE** line. Enter the memory location number.

Phone numbers stored in locations 1 through 9 can be used with the Super Dial feature. All one- and two-digit memory locations can be used with the Speed Dial feature.

Storing a Number in Secure Memory

A number stored in secure memory cannot be recalled unless you enter the correct security code. To store a number in secure memory, follow the previously described steps for entering a name and number, then press and hold **YES**. The phone prompts you to enter your security code. If you enter the correct code, the number is stored and **Number Stored Securely in Memory** is shown in the display.

Recalling a Number Using **↵**

1. Press **↵**. The display should look similar to this illustration.
2. *To recall by name*, press the key which represents the first letters of the name.

OR

To recall by number press **↵** to move the cursor to the **RECALL:** line and enter the memory location where the number is stored.

3. Press **YES**.

Recalling Previously Dialed Numbers

For instructions on how to recall previously dialed numbers, see *Redialing the Last Number You Called* on page 8.



Name:
No:
RECALL:

Recalling a Number Using the Memory Menu

1. Press **↵** to access Menu mode.
2. Press **↵** or **↶** until the menu pointer is beside **Memory**.
3. Press **YES** to open the Memory menu.
4. Press **↵** or **↶** until the menu pointer is beside **RCL Mem.**
5. Press **YES** to open the **RCL Mem.** display. You can recall a number in memory by the location number or by name.

6a. To recall by name, enter the letters of the name in the **Name:** line. You can enter just a few letters of the name or the complete name. If you enter just a few letters, the phone finds the first name in memory that begins with the letters you entered. See the table on page 14 for information on entering letters.

OR

6b. If you want to search by the location number, press **↵** until the cursor is on the **RECALL:** line and enter the number. The number is shown in the display.

7. You can place a call to the number in the display by pressing **YES**.

Recalling a Number From Secure Memory

1. Follow the previously described steps for opening **RCL Mem.** in the Memory menu.
2. Press **↵** until the cursor is on the **RECALL:** line.
3. Enter the location of the number stored in secure memory.
4. Press **↵**. **Security Code:** is shown in the display.
5. Enter your security code.
6. If you enter the correct security code, the number is shown in the display.

Altering a Number in Memory

You can alter or delete a number in memory by doing the following:

1. Recall the number as previously described.
2. When the number is shown in the display, press **↵** or **←** to move the cursor to the **No:** line.
3. To add digits to the end of the number, just enter the digits.
4. To replace digits, press **CLR** to erase the digits you want to change and then enter the new digits.
5. Press **YES** to store the altered number. The message `Memory 000 Now Occupied Replace?` is shown in the display.
6. Press **YES** to store the altered number. The message `Same name in memory 000 Save anyway?` is shown in the display.
7. Press **YES** to replace the number you previously stored with the modified number.

Erasing a Number From Memory

1. Press **↵**. The Main Menu is shown in the display.
2. Press **↵** or **←** until the menu pointer is beside **Memory**.
3. Press **YES**. The Memory menu is shown in the display.
4. Press **↵** or **←** until the menu pointer is beside **RCL Mem.**
5. Press **YES**.
6. Press **↵** or **←** until the number and name you want to erase is shown in the display.
7. Press and hold **CLR**. `Erase memory? Location xxx` is shown in the display.
8. Press **YES** to erase the number from memory. `Memory is erased!` is shown briefly in the display.

Message Services

Your phone can receive two types of message service—text messages and voice mail—if these services are available from your service provider. If you subscribe to either or both services, callers can leave you text messages or voice mail. Your service provider then transmits the text messages and voice mail notifications to your phone.

Text Message Service

Your phone supports three message categories: *Normal*, *Urgent*, and *Emergency*. The actual tagging of the text message is dependent on the system used by your service provider. Your service provider transmits messages to your phone. If your phone is ON, it receives the messages as described below. If your phone is not turned ON, your service provider retains the messages and transmits them again later.

NOTE: *The KH 618 holds up to five messages. The KH 668 holds up to ten messages or a maximum of 2KB of message text. The KF 688 holds over ten messages that can total 2KB of message text.*

When a reviewing text message, the status of a text message is shown using the following letters:

- R - Read, text message has been read but not saved.
- S - Saved, text message has been read and saved.
- U - Unread, text message has not been read.

Normal Messages

If your phone is turned ON when it receives a normal text message, your phone sounds a brief tone and a message similar to the one in this illustration is shown in the display. You have a choice of reading the message immediately by pressing **YES**, or reading it later by pressing **NO**. Pressing **NO** clears the message received alert from the display and places a number and icon in the display to remind you of your messages.

Text Message
Received!
Read Now?

Urgent Messages

If your phone is turned ON when it receives an urgent text message, your phone sounds a brief tone and a message similar to the one in this illustration is shown in the display.

Urgent Msg
Received!
Read Now?

As with normal messages, you have a choice of reading the message immediately or reading it later. Urgent messages are always shown before normal messages, regardless of the order in which they were received.

Emergency Messages

If your phone is turned ON when it receives an emergency message, your phone sounds two brief tones, and a message similar to the one in this illustration is shown in the display for a few seconds.

Emergency
Msg Received
Read Now?

Reading Text Messages Immediately

When a message received notice is shown in the display, you can read the message by pressing **YES**. You can scroll through the message one line at a time by pressing and releasing **DOWN** or **UP**. You can scroll up or down through the message three lines at a time by pressing and holding **DOWN** or **UP**.

Call-Back Messages

Some text messages you receive may be *call-back* messages. A call-back message contains one or more phone numbers included by the person sending the message. If you press **YES** while reading a call-back message, a screen similar to the one shown here appears. To dial the displayed number, press **YES**. (To place a calling card call to the displayed number, press and hold **YES**.) If you do not wish to call the displayed number, press **NO** to resume reading the actual message.

CALL ? **UP** **DOWN**
FIRST NUMBER

The up and down arrows in the top right part of the display indicate that there is more than one

number in the message. (The arrows would not appear if there were just one number.) You can scroll through the available numbers by pressing **↵** or **⬅**. When you see the desired number, press **YES** to dial that number.

If you do not call back the number in the message, you have the same options for saving and deleting the message as you do with other text messages.

If you like, you can edit a displayed call-back number before you make the call. In the display, the cursor appears in reverse video, and it is initially positioned at the far left of the second line. In editing the number, you can:

- Enter a number at the cursor location by pressing a number key. If a digit is already in the cursor location, that digit, as well as all digits to its right, move one position to the right.
- Clear the digit at the cursor location by pressing **CLR**.
- Move the cursor position without clearing anything by pressing and holding **↵** or **⬅**.

Receiving Messages While on a Call

When you receive a message while on a call, your phone sounds a brief tone and a message similar to the one in this illustration is shown in the display. Press **YES** to display the incoming message, or press **NO** to continue talking and have the message treated as an unread message.

You cannot receive messages during a call if the message memory is full.

Retrieving Unread Text Messages

If you have messages that you have not read, a number and the text message icon are shown in the display. If the letter **F** is shown with the icon, your phone's text message memory is full.

To read these messages:

1. Press **↵** to enter menu mode.
2. Press **↵** or **⬅** until the menu pointer is beside **Messages**.
3. Press **YES** to open the Messages menu.

4. Press **↵** or **⬅** until the menu pointer is beside **UnreadText**.

5. Press **YES** to open the list of messages.

6. Press **↵** or **⬅** until the menu pointer is beside the message you want to read.

7. Press **YES** to open the message. Once the message is open, you can scroll through the message one line at a time by pressing **↵** or **⬅**. You can scroll up or down through the message three lines at a time by pressing and holding **↵** or **⬅**.

Retrieving Saved Text Messages

To read saved messages:

1. Press **↵** to enter menu mode.
2. Press **↵** or **⬅** until the menu pointer is beside **Messages**.
3. Press **YES** to open the Messages menu.
4. Press **↵** or **⬅** until the menu pointer is beside **Old Text**.
5. Press **YES** to open the list of messages.
6. Press **↵** or **⬅** until the menu pointer is beside the message you want to read.
7. Press **YES** to open the message. Once the message is open, you can scroll through the message one line at a time by pressing and releasing **↵** or **⬅**. You can scroll up or down through the message three lines at a time by pressing and holding **↵** or **⬅**.

Saving and Deleting Text Messages

After you have retrieved and read a text message, you can:

- Save the message to memory:
Press and hold **YES**.
- Delete the message:
Press and hold **CLR**.
- Move to the next message:
Press 1.
- Return to the previous message:
Press 3.



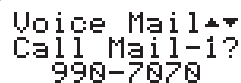
Saved text messages are retained.
Unsaved text messages are retained only until the space is needed for new messages.

Voice Mail Service

Your phone can receive voice mail notification when it is turned ON. If your service provider transmits the notification and your phone is turned OFF, you will receive notification the next time you turn your phone ON.

Receiving Voice Mail When Your Phone Is in Standby

If your phone is turned ON and is in standby when it receives a voice mail notice, your phone sounds a brief tone. If you have previously stored a home-system access number, a message similar to the one in this illustration is shown in the display.



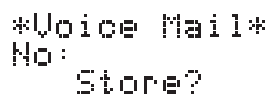
Voice Mail▲▼
Call Mail-1?
990-7070

To call the number shown, press **YES**. (To make a credit card call, press and hold **YES**.) To return to standby mode, press **NO**. To access a non-home system access number (if you have previously stored it), press **↓**, **↶**, or either of the side volume keys (if available on your phone). You will then see a message similar to the one in this illustration.



Voice Mail▲▼
Call Mail-2?
609-2290

If you have not stored an access number, or if you have stored only one access number and attempt to scroll to another number, you will see **Access Number Not Stored** when you receive a voice mail notice. After the **Access Number Not Stored** screen has been displayed for five seconds, your phone displays another screen, similar to the one in this illustration, that gives you the opportunity to store an access number. The number is stored as Mail-1 if no access number had been previously stored, or as Mail-2 if one number had already been stored. After you store the number, your phone displays a screen asking if you want to call that number.



Voice Mail
No:
Store?

Receiving Voice Mail During a Call

If your phone receives a voice mail notice during a call, a brief tone sounds and **Voice Mail Received** is briefly shown in the display.

After you end your call, a number and the voice mail icon are shown in the display.

Listening to Voice Mail When the Icon Is Shown in the Display

If there is a number beside the voice mail icon in the display, you have voice mail messages that you have not heard. To listen to these voice mail messages:

1. Press **↓** to enter Menu mode.
2. Press **↓** until the menu pointer is beside **Messages**.
3. Press **YES** to open the Messages menu.
4. Press **↓** until the menu pointer is beside either **VoiceMsgs1** or **VoiceMsgs2**.
5. To access your home-system access number, move the cursor to **VoiceMsgs1** and press **YES**. To access your non-home system access number, move the cursor to **VoiceMsgs2** and press **YES**. (You can make a credit card call by pressing and holding **YES**.)
6. If you have not stored your voice mail number, enter it now.
7. Press **YES** to call your selected access number.

Storing Your Voice Mail Number

You can store a home-system voice mail access number and a non-home system access number. It is a good idea to store your voice mail access number(s) so that a number automatically displays when you receive a voice mail notice.

1. Press **↓** to enter Menu mode.
2. Press **↓** until the menu pointer is beside **Messages**.
3. Press **YES** to open the Messages menu.
4. To store a home-system access number, move the cursor to **VoiceMsgs1** and press **YES**. To store a non-home system access number, move the cursor to **VoiceMsgs2** and press **YES**.
5. Enter your voice mail phone number on the **No:** line.
6. Press **YES**. **SELECTION STORED!** is shown in the display.
7. Press **NO** twice to exit Menu mode.

Quick Access to Text and Voice Mail Messages

The Quick Message feature lets you quickly read text messages or retrieve voice mail messages. To access the Quick Message feature, press and hold either  or . What happens next depends on which types of messages are available:

- If *only* text messages are waiting, **Read Text Messages?** is shown in the display. Press  to go directly to the Read Text Message menu. Press  to return to standby mode.
- If *only* voice mail messages are waiting, **Get Voice Mail Msgs?** is shown in the display. Press  to call your voice mail access number.
- If both text *and* voice mail messages are waiting, your phone displays a modified

version of the **Read Text Messages?** screen, as

shown in the illustration. In the upper right corner of this screen are two



arrows, which indicate that both voice and text messages are available. From here, you can access the Read Text Message menu by pressing , or you can go to the **Get Voice Mail Msgs?** screen by pressing , , , or either of the side volume keys (if available on your phone). The **Read Text Messages?** and **Get Voice Mail Msgs?** screens are circular—you switch back and forth between the two screens by pressing , , , or either of the side volume keys (if available on your phone).

Menu Descriptions

Press **↵** to access the menus.

Press **↵** or **⬅** (or use your phone's side keys, if available) to scroll through menus, functions in menus, and settings in a function.

Press **YES** to select a menu, function, or setting which is beside the menu pointer (⌵).

Press **NO** to go back one level in the menu structure.

Press **CLR** to exit the menus completely.

Memory Menu

The Memory Menu contains the following choices for storing and recalling numbers.

Store Mem

Use Store Mem to store a phone number and an accompanying name.

RCL Mem

RCL Mem lets you recall a phone number by the name stored with the number or by the memory location number. You can also access RCL Mem by pressing **⬅**.

StoreScrpd

Use StoreScrpd to store, in the scratch pad memory, a number shown in the display.

RCL ScrPad

RCL ScrPad lets you recall a number stored in the scratch pad memory. You can also view the numbers in the scratch pad memory by pressing **⬅**, then **#**.

RCL LastNo

Use RCL LastNo to view the list of numbers you previously called. You can also view the last numbers called by pressing **⬅** twice.

MemoryUsed

MemoryUsed shows you the percentage of the phone's memory that is occupied.

Messages Menu

The Messages Menu contains the following choices for accessing services that may be available from your provider.

UnreadText

If you have text message service from your provider, this menu feature lets you read your unread text messages.

Old Text

If you have text message service from your provider, this menu feature lets you read your old text messages.

Delete All

This function lets you delete all text messages, both old and new, at once.

VoiceMsgs1

If you have voice mail service from your provider, this menu feature lets you access your home-system access number.

VoiceMsgs2

If you have voice mail service from your provider, this menu feature lets you access your non-home system access number.

System Options Menu

The System Opt Menu contains the following choices for selecting system preferences. (Selections available are dependent on your provider.)

Sys Select

This feature allows you to manually select a system from which to obtain service, instead of having the phone automatically select an available system. This can include your public “home” system as well as Private System Identifiers (PSIDs) that have been programmed into your phone. This function is particularly useful if you have access to more than one system. Only systems that are currently available can be selected. This varies depending on your geographic location. Once a system is selected, the phone remains locked onto that system until:

- Signal strength no longer permits.
- The phone is turned off.
- You select Normal in this menu.
- You receive or make a call.

Home Only

The availability of the Home Only menu item is dependent on your provider's phone setup. Home Only lets you have your phone look only for your home system when you turn on the phone. The phone does not search for other systems if your home system is not available.

Phone No.

The Phone No. function shows you the phone number programmed into your phone.

SystemInfo

This feature displays the available digital channel services. If no services are available, the information fields are blank. If the phone is locked in analog mode, or if the information cannot be obtained, the message `System Info Not Available` is shown. Y indicates feature capability; N means the feature is not available.

Privacy

If your service provider offers digital voice encryption, use this function to request voice privacy service.

Voice Privacy service is not available in all areas. If voice privacy is active, the digital voice privacy indicator text, a reverse text `P`, is shown in the display.

If voice privacy is requested but not granted, your phone sounds a Voice Privacy Not Active Tone. The tone sounds at the beginning of the call, and then every 30 seconds during the call, as a reminder. You can turn the tone feature off through the Sounds menu (see page 25).

Time/Date

This function lets you retrieve the time and date from the system, if available from the service provider.

General Setup Menu

The Gen. Setup Menu lets you customize your phone to suit your personal preferences.

KeypadLock

You can lock the keypad so that pressing keys has no effect. This feature is useful in circumstances when the keys may be accidentally pressed—such as when you are carrying your phone in a briefcase or purse. You can also activate the keypad lock by pressing **⏏** and then *****.

The keypad remains locked until you do one of the following:

- Replace the battery.
- Turn the phone off by pressing and holding **⏏**, and then turn the phone back on by again pressing and holding **⏏**.
- Press **⏏**, then *****.

Back Light

You can set the display and keypad backlighting to stay on continuously or automatically turn off when the phone is in standby mode.

Contrast

You can change the phone display contrast setting. The contrast settings range from 1 to 5, with 5 being the highest contrast level.

Greeting

Each time the phone is turned on, you can have the phone display a welcome greeting that you enter yourself.

The alphanumeric keypad displays both letters and numbers. See page 14 for more information on entering text.

You can enter a three-line, 36-character message (12 characters per line). The message displays when you turn on the phone. The greeting function is automatically turned off if no characters are entered.

Language

You can choose between four different languages (English, French, Spanish, and Portuguese) for text shown in the display. You are prompted for the security code to gain access to this function.

Accessing Your Native Language

- Press **⏏** 4 5 to access the Languages submenu.
- Enter your security code at the prompt (default is 0000).
- Use **⏏** or **⏏** to scroll through the list of available languages until the cursor (⌘) is next to the appropriate language.
- Press **⏏** to store your selection.
- Press **CLR** to exit menu mode.

Menu Reset

Menu Reset allows you to quickly return your phone to its factory settings for Sound and Setup functions. You are prompted for the security code to gain access to this function. Press **⏏** to return the phone to its factory settings.

Remember that the security code also changes back to the original factory setting (0000).

Call Setup Menu

The Call Setup Menu contains the following choices for enhancing the use of your phone.

Super Dial

Turning ON Super Dial allows you to dial a number stored in memory locations 1 through 9 by pressing and holding the numeric key corresponding to the memory location.

Speed Dial

Turning ON Speed Dial allows you to dial a number stored in a memory location by entering the one or two-digit location number and pressing **YES**.

Answer Opt

The Answer Opt function lets you select to answer calls by pressing either **YES** or pressing any key except **NO**. If you are using your phone in a Vehicle Handsfree cradle, you can set your phone to let you press any key to answer the phone, or you can set your phone to automatically answer after two rings.

The KF 688 allows you to answer the phone in the following ways:

- Open the flip or press **YES**, or
- Open the flip or press any key.

If you are using the KF 688 in a Vehicle Handsfree cradle, you can set your phone to answer in the following ways:

- When you open the flip or press any key, or to auto answer after two rings.

Call Timer

Call Timer, when turned ON, shows the approximate duration of the current call. The timer shows minutes and seconds, and resets after 99 minutes.

Minute Mind

Minute Mind, when turned ON, times your calls by sounding a short beep in the ear piece or handsfree loudspeaker about ten seconds before each full minute during a call.

Auto Area

You can store an area code which Auto Area automatically adds to the 7-digit number you dialed. Enter the area code on the display, then select On to activate the feature. Note: Auto Area does not add the area code to numbers shown in the display by Caller ID.

Auto Prefix

You can store a 1- to 12-digit prefix which the AutoPrefix function automatically adds to a dialed number. When you dial a 4- or 5-digit phone number, the prefix is automatically added to the number. To send a number to office extensions, store the 3-digit prefix in the Auto Prefix function. You need only to dial the last four or five digits of the number.

For example, if you save 123 as the auto prefix and the function is turned on, to call 123-7654 just dial 7654. The prefix 123 is automatically added. The auto prefix is not added for numbers longer than five digits or to numbers that start with *.

Auto Retry

When enabled, the Auto Retry function repeats a call attempt every fifteen seconds for up to three minutes if the call cannot be delivered through the system.

Tone Send

When enabled, the Tone Send function allows your phone to send DTMF tones during a call. This allows operations like electronic banking and other DTMF tone operated activities. When Tone Send is turned OFF, your phone *does not* send DTMF tones.

Access Tone

When enabled, AccessTone sounds three short beeps to indicate your outgoing call has connected to the system.

Sounds Menu

The Sounds Menu contains the following choices for setting the different volumes and sounds for ringing, keypad, earpiece, and handsfree kits.

SilentMode

When SilentMode is enabled, your phone does not make any keypad or ringing sounds. You can quickly activate SilentMode by pressing **⏏**, then **#**. Press **⏏**, then **#** again to disable SilentMode. The word **Silent** is shown in the display when the phone is in Silent Mode.

Msg Tone

This feature allows you to turn on or off the tone that sounds when an incoming text message is received or a message waiting signal is received.

Key Sound

Key Sound allows you to choose the sound made when you press keys—a click, a continuous tone, a quick tone burst, or no sound at all.

Key Volume

Key Volume allows you to select the volume level of the sounds made when you press keys.

Ear Volume

Ear Volume allows you to adjust the volume of the earpiece using the menu setting. You can also adjust the volume during a call by pressing **⏏** or **⏏**, or by using the side volume keys (if available on your phone).

SpeakerVol

SpeakerVol allows you to select the speaker volume of handsfree accessories.

Ring Pulse

Ring Pulse allows you to choose the type of tone or song for the ring pulse. Each tone or song is demonstrated as you scroll through the selections. There is also a System Set selection, which is controlled by the system.

Ring Pitch

Ring Pitch allows you to adjust the ring pitch from Low, Medium, High, or Mixed, and demonstrates those tones as you scroll through the selections. There is also a System Set selection, which is controlled by the system.

Ring Volume

Ring Volume allows you to set the level of the ring volume from Extra Low, Low, Medium, High, Escalating, or Off. The Escalating volume setting rises in steps from the lowest to the highest level as the phone continues to ring.

Call Data Menu

The Call Data Menu contains the following choices for providing information on calls that have been made from the phone.

ReceiveLog

If you have Caller ID service from your service provider, this menu lists the last 10 (KH 618), 20 (KH 668), or 40 (KF 688) calls received with caller ID (the latest call appears first). Press **YES** to dial a number shown in the display.

Note: The Auto Area feature *does not* insert the area code in a phone number shown in the display by ReceiveLog.

Use the arrow keys to scroll through the list of received calls. If the received number is stored in memory with a name, the name is also shown in the display.

Last Time

The Last Time function indicates the approximate duration of the last call, in minutes and seconds.

Elapsed

Elapsed time meter shows the hours and minutes that have been used. The elapsed time cannot be reset. Press **NO** to exit.

Call Count

The Call Count function indicates the total number of calls made under the current phone number is shown in the display. Press **↵** to display the home count. Press **↵** again to return to the total count display. To reset from standby mode, press **↵ 74 ↵ ↵**, and then press **YES** to Reset.

Time Count

The Time Count function shows the approximate total time that the phone has been in use. Press **↵** to display the home count. Press **↵** again to return to the total count display. To reset from standby mode, press **↵ 75 ↵ ↵**, and then press **YES** to Reset.

Locks Menu

The Locks Menu contains the following choices for enabling protection services in the phone to limit its use. You can select the lock options most useful for your desired level of phone security. You must enter your security code before you can open the Locks menu.

Auto Lock

When selected, the phone is automatically locked from making calls each time you turn the phone on. To unlock the phone, enter the security code.

Dialing

You can use this option to restrict outgoing calls. Selections for this function include:

- Allow all
No outgoing call restrictions.
- Restrict all
Allows dialing of emergency numbers only.
- Local + 800 # only
Only numbers with up to 7 digits and 10-11 digit 800 (or 888) numbers. No operator access.
- Memory only
Allows calls only to numbers stored in memory. Numbers cannot be stored in memory while this restriction is enabled.

- Local + 800 # + mem only
Only the combination of the two preceding options can be dialed.
- Restrict Internat.
Only 11 digits or fewer can be dialed, and operator access is restricted.
- Restrict 900 #
No calls allowed with the area codes 900. No operator access.
- Restrict Operator
Allows all calls except for operator access (dialing 0).

Call Cards

You can Allow or Restrict the use of calls using a calling card or calling card features. See page 28 for information on programming calling card numbers.

Receiving

You can allow or restrict incoming phone calls. If selected, the phone does not ring incoming calls.

Sec. Code

You can change your four-digit security code. The factory-set code is 0000. You are prompted to repeat the code for verification.

Call Cards Menu

The Call Cards Menu contains the following choices for storing two calling card numbers to use for making long distance phone calls.

Calling Card Setup

Make sure you have the following:

Calling Card Access Number (a number provided by your long distance service provider)

Verification Number (a number you must enter to allow the calling card call to be completed)

To set up a calling card, complete the following steps.

1. Press **▼** to enter menu mode.
2. Press **⬅** or **▼** until the menu pointer is beside **Call Cards**.
3. Press **YES** to open the Call Cards menu. You are prompted to enter your security code.
4. Press **⬅** or **▼** until the menu pointer is beside **Card1Setup** or **Card2Setup**.
5. Press **YES** to enter card setup.
6. Press **⬅** or **▼** until the menu pointer is beside **Access No.**
7. Press **YES**.
8. Enter the calling card access number.
9. Press **YES** to store the number.
10. Press **▼** to move to **Ver. no.**
11. Enter the verification number.
12. Press **YES** to store the number.

Changing the Flow Order

If your long distance service provider requires a different dialing, you may need to change the *Flow Order*. Flow order determines when the numbers are transmitted by your phone. The default flow is:

- Access number
- Stop
- Number you are calling
- Stop
- Verification number

To change the flow order:

1. From the previous Step 12, press **▼** until the menu pointer is beside **Flow dom.** (domestic) or **Flow int.** (international).
2. Press **YES**.
3. Press **▼** to scroll through the flow order.
4. To change a flow setting, press **▼** until the menu pointer is beside the setting you want to change.
5. Press **1** to scroll through the options for that setting.
6. When you have the flow order you want, press **YES** to store the selection.

Selecting a Calling Card

You can store two calling card numbers. You select which number your phone uses through the Calling Card menu.

1. Press **▼** to enter menu mode.
2. Press **⬅** or **▼** until the menu pointer is beside **Call Cards**.
3. Press **YES** to open the Call Cards menu.
4. Press **⬅** or **▼** until the menu pointer is beside **CardSelect**.
5. Press **YES**.
6. Press **⬅** or **▼** to select the card you want to use (**Card One** or **Card Two**) is enclosed in brackets.
7. Press **YES** to store your selection.

Using a Calling Card

To place a call using a calling card:

1. Enter or recall the number you want to call.
2. Press and hold **YES**. The calling card number is shown in the display.
3. Release the key after the number has been displayed.
4. If you are using stops between numbers, you must press **YES** or any number key to send the next sequence of numbers. If you use pauses, the numbers are sent automatically after the specified length of time chosen in the Flow function.

Problems You Can Solve

Displayed Messages and Explanations

Unable to
Place Call!

.....

The signal is too weak to make a call. Try again when the signal strength is one bar or stronger.

System Busy!
555-5555

... [signal bars]

The system is busy with other calls. Wait a while and try your call again.

Call is
Restricted!

... [signal bars]

You called a number for which you have set call restrictions. See the Locks menu for changing call restrictions.

Wrong
Security
Code!

You entered an incorrect security code. Enter the correct security code.

Low Battery!

... [signal bars]

The battery power is low. When the phone shuts itself off, replace the battery with a fully charged one, or use an alternate power source, such as a travel charger.

Mss Mem Full
No Msses Can
Be Received!

Your text message memory is full. Erase some stored messages before you can receive more messages.

Problems and Possible Solutions

The phone does not turn ON.

- Recharge or replace the battery.
- If you are using a battery eliminator, make sure that the battery eliminator is fully inserted into the vehicle cigarette lighter. Make sure the vehicle is supplying power to the cigarette lighter.

The phone is not ringing when a call is received.

- Check the Sounds menu to make sure the phone is not set for Silent Mode.

The phone becomes warm during long calls.

- This is not a problem. Because of its size, the phone may feel slightly warm during extended calls.

The battery does not seem to charge to full capacity.

- Condition the battery by fully discharging and charging it three times. Or, if your phone came with a multicharger, use the conditioning function on the multicharger to condition the battery.

Calls are being dropped.

- You are probably in a geographic area with minimal service. Wait until the signal strength indicator in your phone's display shows a high relative signal strength (more bars) before trying a call. Make note of geographic locations where calls are dropped and contact your service provider.

The signal strength varies.

- This is a common occurrence. Transmitter sites are set in geographic areas, and coverage is not 100% all of the time. Signal strength varies as you travel between cells.

If you need additional information or assistance, or would like to purchase Original Ericsson Accessories:

- In the U.S.A., call 1-800-ERICSSON (374-2776). Outside of the U.S.A. call 919-472-7908.

A

Answering
options 24

Antenna

attaching 1
care ii

B

Backlight 23

Basic Operations
table 10

Battery

attaching to phone 1
charging 1
conditioning 3
recycling iv

Belt Clip

attaching 1

C

Call Counter 26

Call Timer 24

Call Waiting 8

Caller ID 9

Calling Cards 28
Lock 27

Calls

answering 7
emergency 9
international 9
making 7
muting 7
unanswered 8

Charger

multi 3
overnight 2
rapid 2
travel 2

Charging

battery attached to phone 3

separate battery 3

Contrast 23

D

Display

indicators/icons 5

Display Messages

table 9

E

Elapsed Time Counter 26

Emergency Calls 9

Emergency Messages 17

G

Greeting 23

I

Indicator Light 5

International Calls 9

K

Key

sound 25

volume 25

Key Functions 5

L

Language

changing 23

M

Menus

accessing/entering 5

call data 26

call setup 24

descriptions 21

general setup 23

locks 27

memory 21

- messages 21
- opening 11
- overview 13
- reset 23
- sounds 25
- system options 22
- using 11

Message Service 17

Minute Mind 24

N

Native Language

- accessing 5, 23

Numbers

- erasing from memory 16
- recalling 15
- storing 14

P

Phone

- illustration 4
- number 22
- turning on/off 7

Phone Models

- table 6

R

Receive Log 26

Redial

- automatic 7
- last number called 8

Ring

- pitch 25
- pulse 25
- volume 25

S

Safety Information i

- Exposure to RF ii
- airbags iii
- aircraft iii
- blasting areas iii
- Driving ii
- electronic devices ii

Security Code 9

Short Message Service (SMS) 17

Silent Mode 25

Speaker Volume

- adjusting 7

Speed Dial 24

Super Dial 24

System Information 22

system options menu

- phone number 22
- system information 22

T

Text Message Service 17

Text Messages

- quick access 20

Time Count 26

Troubleshooting 29

V

Voice Mail Service 19

- quick access 20

Volume

- ear 25
- key 25
- ring 25
- speaker 7

W

Warranty Notification iii

Third edition (July 1998)

This manual is published by Ericsson Inc. without any warranty. Improvements and changes to this manual necessitated by typographical errors, inaccuracies of current information, or improvements to programs and/or equipment, may be made by Ericsson Inc. at any time and without notice. Such changes will, however, be incorporated into new editions of this manual.

© 1998, Ericsson Inc.

All Rights Reserved

Publication number: AE/LZT 123 3960 R3

Printed in the U.S.A.

KH 618, KH 668, KF 688 Quick Reference Card



Turn Phone ON/OFF Press and hold
 Enter Menu Mode or lower side key

Calling

Answer a Call *Open the flip or
 Press
 End a Call *Close the flip or
 Press
 *(Flip must be enabled: 5 3)

Recall Last Dialed No. or upper side key
 to exit

Recall a No. from Memory or upper side key (enter
 name or to scroll list)
 Speed Dial No. from Enter memory location No.
 Memory and press
 (Activate Speed Dial: 5 2 [On])

Super Dial No. from Press and hold memory
 Memory location No.
 (Activate Super Dial: 5 1 [On])

Store Displayed No. to 1 3

Scratch Pad

Recall No. from Scratch 1 4

Pad

Indicators

Call Timer 5 4 [On] or [Off]
 Minute Minder 5 5 [On] or [Off]
 Access Tone 5 0 [On] or [Off]

Display

Contrast 4 3
 Back Light 4 2
 Language 4 5
 (requires security code,
 default code is 0000)

Sounds

Mute Microphone On/Off Press and hold **CLR**
 Mute Ringer Press a side key or
 Ring Pulse 6 7
 Ring Pitch 6 8
 Ring Volume 6 9
 Silent Mode On/Off #
 Earpiece Volume 6 5
 (during a call) Press upper side key to
 increase or lower side key
 to decrease
 Speaker Volume 6 6
 Message Tone 6 2

Dialing Codes

Pause Dialing Press and hold *
 Stop Dialing Press and hold #

Message Services

Quick Access to Voice Press and hold
 Mail and Text Messages to switch between voice
 mail and text message
 displays
 Press to call

Security

Lock/Unlock Keypad *
 Locks Settings 8

<http://mobile.ericsson.com>

AE/LZT 123 3960 R3

KH 618, KH 668, KF 688 Quick Reference Card



Using a Calling Card

1. Enter or recall the No. being called
2. Press and hold **YES** until your calling card No. appears in the display.
3. If you are using stops (**S**) between numbers, press **YES** to send the next sequence of numbers.

Calling Card (requires a security code)

- Select Calling Card **↘ 9 1**
- Set Up Calling Card 1 **↘ 9 2**
- Set Up Calling Card 2 **↘ 9 3**

Memory	Name	Number	Memory	Name	Number
Location			Location		
1.			21.		
2.			22.		
3.			23.		
4.			24.		
5.			25.		
6.			26.		
7.			27.		
8.			28.		
9.			29.		
10.			30.		
11.			31.		
12.			32.		
13.			33.		
14.			34.		
15.			35.		
16.			36.		
17.			37.		
18.			38.		
19.			39.		
20.			40.		

AE/LZT 123 3960 R3

The Menu at a Glance

Quick Access to Menus

You can quickly access several commonly used menus by pressing . The menus are organized in a circle. Quickly access menus and settings using the numbers that appear next to each menu and setting. For example, access the Ring Pitch menu settings by pressing and then entering 68.

- Press **CLR** to exit Menus

Press to store selection

Press to move back one menu level

