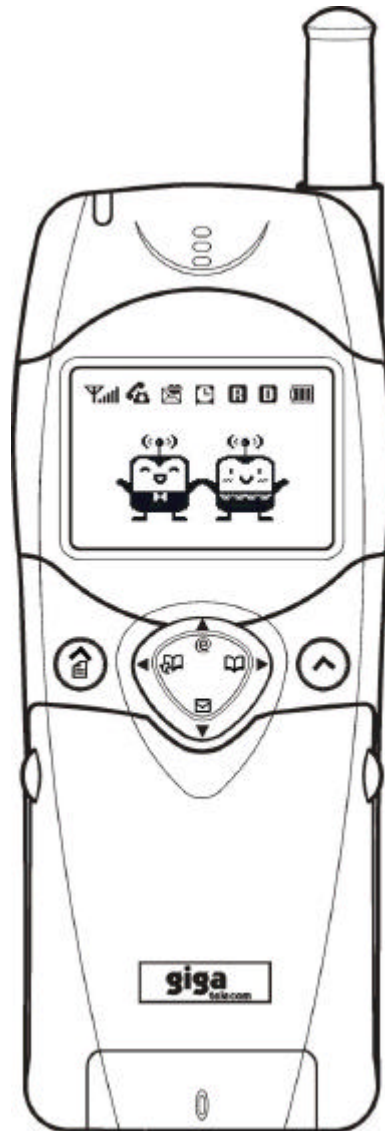


GDM-100

USER MANUAL

This is a draft version printed in Korea. - 2001/8/13 -



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FCC RF EXPOSURE INFORMATION

WARNING! *Read this information before using your phone*



In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.



Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 1.5 cm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 1.5 cm. separation distance between the user's body and the back of the phone, including the antenna, whether extended or retracted. The use of third-party belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

Read this information before using your handheld portable cellular Telephone.

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 that are consistent with the safety standards previously set by both U.S and international standards bodies:

- ANSI C95.1 (1992)
- NCRP Report 88(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).

ANTENNA CARE

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachment 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.

The meanings of the acronyms are:

ANSI: American National Standards Institute

NCRP: National Council on Radiation Protection and Measurements

ICNIRP: International Commission on Non-ionizing Radiation Protection

Tips on Efficient Operation:

For an efficient operation of your phone:

- Extend your antenna fully
- 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:

- Give full attention to driving-driving safety is your first responsibility.
- Use hands-free operation, if available.
- 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 (6") inches 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 (6") 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.

If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

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 the necessary information.

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.

Posted Facilities

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

AIRCRAFT

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

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 marked but not always clearly marked. They include fueling areas such as gasoline stations, below deck on boats, fuel or chemical transfer or storage 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.

For 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.

PRECAUTIONS

Your handheld Portable Telephone is a high quality piece of equipment. Before operating the equipment, read all instructions and cautionary markings on (1) AC Adapter, (2) Battery and (3) Product using Battery.

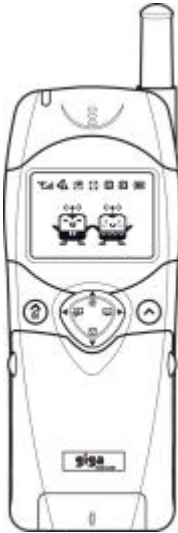
- 1. DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.**
- 2. DO NOT abuse the equipment. Avoid striking, shaking or shocking. When not using the unit, lay down the unit to avoid possible damage due to instability.**
- 3. DO NOT expose this equipment to rain or spilled beverages.**
- 4. DO NOT use unauthorized accessories.**
- 5. DO NOT disassemble the phone or its accessories. If service or repair is required, return it to the service center. If the unit is disassembled, the risk of electronic shock or fire may result.**
- 6. To prevent injury or burns, DO NOT allow metal objects to contact or short circuit the battery terminals.**
- 7. DO NOT open the battery case. If the battery is accidentally broken, avoid skin contact with the internal chemical contents. If there is skin contact, wash the affected area immediately and seek immediate medical advice.**
- 8. DO NOT put the battery close to, nor dispose it into fire.**
- 9. The product that you have purchased contains a rechargeable battery. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for proper disposal procedures in your area.**

SYSTEM CONFIGURATIONS

System configuration and the equipment list are as shown below.

Handheld Portable

Telephone



Battery



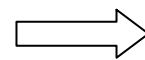
User Manual



Charger



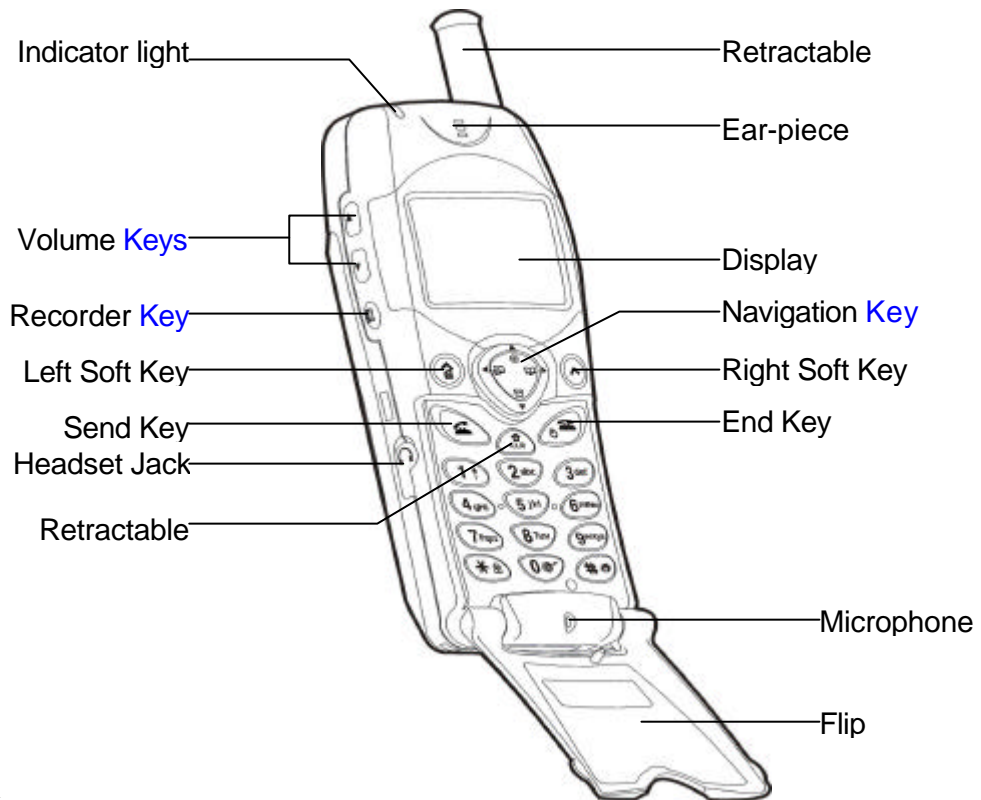
Hand Strap



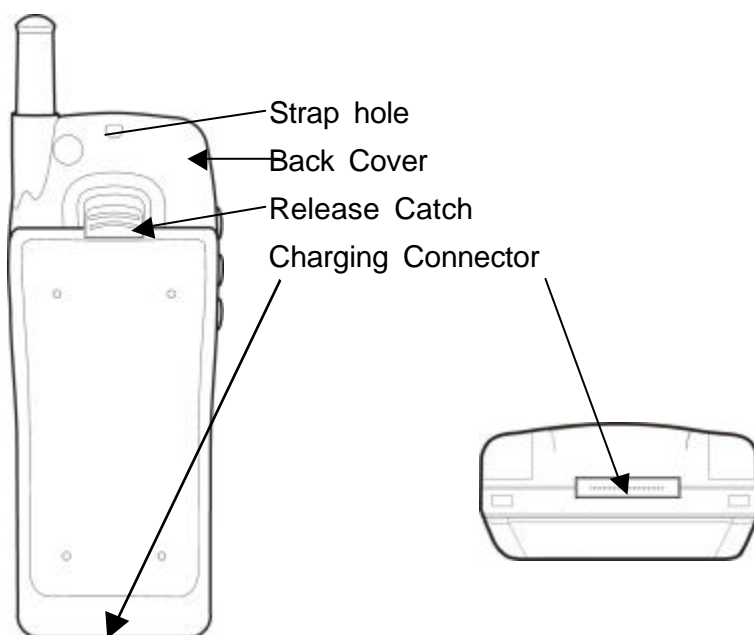
Phone Layout

In the menu layout, scroll through the menu options and phonebook memory. The following illustrations show the main elements of your phone.

Front



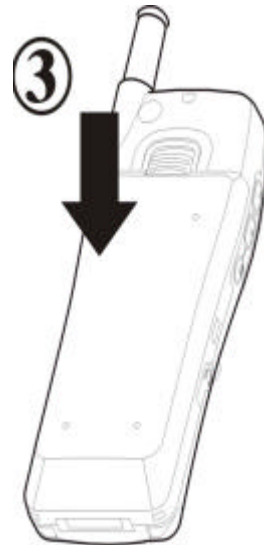
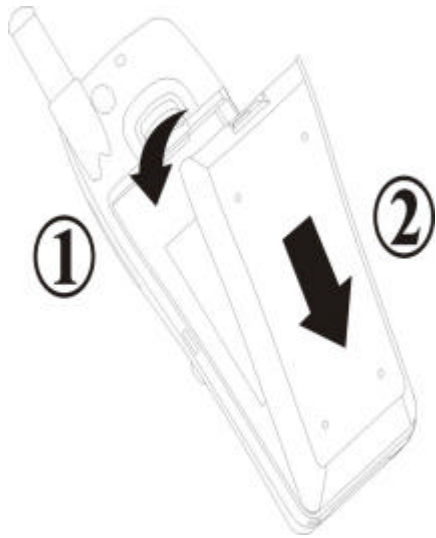
Back



USING THE BATTERY

Installing the Battery Pack

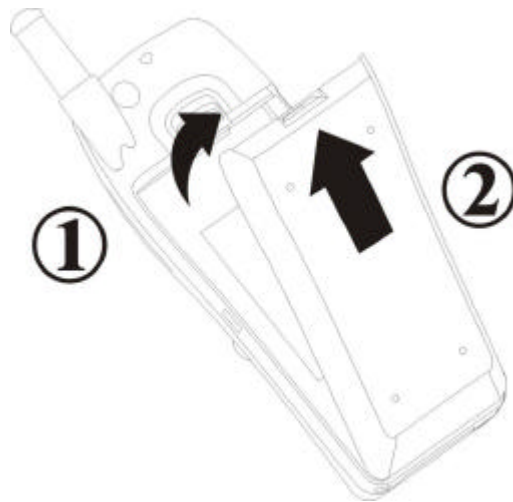
1. Insert the hook at the end of the Battery Pack into the slot at the end of the phone.
2. Press the Battery Pack down to lock the Battery Pack onto the phone.
3. Press the battery down until it clicks.



Removing the Battery Pack

To remove the battery, proceed as follows:

1. Turn the power off.
2. Slide Back the Release Latch as shown below.
3. Gently lift to remove the Battery Pack.



Note: The battery must be correctly placed in the battery compartment.

If battery is incorrectly inserted, the handset will not turn on or the battery may slip out during use.

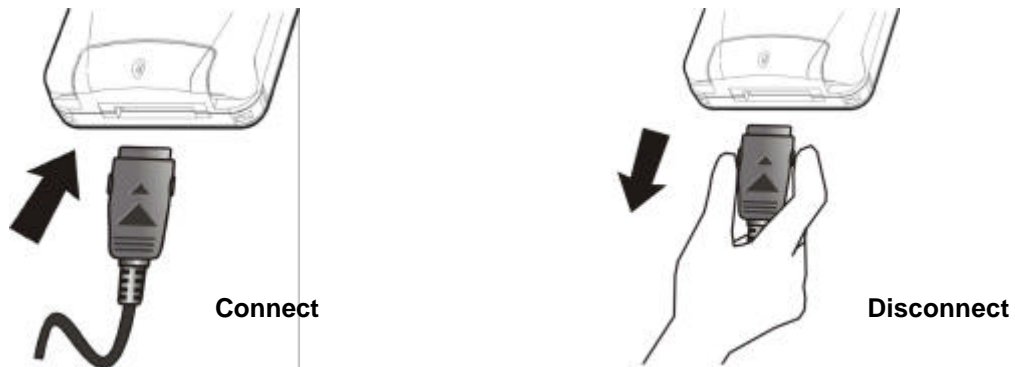
Recharging the Battery

A rechargeable Li-ion battery powers your GDM-100.

To recharge the Battery, always install the Battery to the phone

The phone can be used while charging if it is switched on.

1. Insert the Connector from the charger to the base of the Phone.



2. Connect the charger to an AC wall outlet.

: The lamp marked on the front of the charger turns red, during charging. When the battery is fully charged, the lamp turns green.

3. Disconnect the charger

: Pull out the Connector from Phone while pushing both side buttons on the Connector.

The Battery is not charged fully when you buy the Phone, but there may be enough power to turn the Phone on.

It is normal that the Battery may become a little warmer during recharging.

We recommend that you charge the Battery until the indicator on the phone shows a green light.

The recharging time, from empty to full, depends on the environmental temperature, 0 to +35 °C.

Battery Type	Recharging Time
Standard lithium Ion	2.5 to 3.0h

Note 1. Do not feed the power to the Phone without Battery Pack.

IMPORTANT BATTERY INFORMATION

The Battery Indicator

In the upper right corner of your phone's display, there is a battery indicator filled with three segments. The more segments you see, the greater the charge.




High



Low



When the battery is weak and only a few minutes of talk time remain, the battery icon  will blink. You will also hear a warning tone. When the battery becomes too weak for the phone to operate, it turns off automatically.

Power Management

Battery	Type	Talk Time	Standby Time
Standard Battery	1000mAH(Li-Ion)	Up to 220min	Up to 1Week

(*The test result above is from Giga Telecom's Lab.)

Use only batteries and charges approved by the phone manufacturer.

When a charger is not in use, disconnected it from the power source. Do not leave the battery connected to a charger for longer than a week; overcharging may shorten its life. If left unused, a fully charged battery may completely drain (discharge) in 1-4 weeks.

Never use any charger or battery that is damaged or worn out.

Use the battery only for its intended purpose.

Do not short circuit the battery. Accidental short-circuiting can occur when a metallic object (e.g. coin, dip or pen) causes direct connection of the two terminals of the battery (metal strips on the back of the battery)

For example, when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.

Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, reduces the capacity and lifetime of the battery. Always try to keep the battery between 41 ° F and 95 ° F (5 ° C and 35 ° C).

A phone with a hot or cold battery may temporarily not work (or change) even if the battery is fully charged

Temperature extremes affect the ability of your battery to charge; allow it to cool down or

warm up first.

When the battery is not use, store it unchanged in a cool, dark and dry place.

The battery is a sealed unit with no serviceable parts. Do not attempt to open the case.

It is recommended that you allow your battery to fully discharge before you recharge it.

The battery can be charged and discharged hundreds of times but will eventually wear out.












When the operating time is shorter than normal, it is time to buy a new battery.

Do not dispose of a battery in a fire!

Dispose of used batteries in accordance with local regulations.

Recycle.

FUNCTION KEYS

	<p>Soft left key Search for phonebook with address. [SRCH] In the menu facility, returns to the previous menu level. [PREV], [CANL]</p>
	<p>Soft right key In condition of flip closed, enters the Short Messages menu. (→On the Flip Closed, enters the Messages menu. [MSG]) In the menu facility, selects menu function or stores information that you have entered. (→In the menu, selects a function [SEL] and store a information [STO] and confirm a information [OK])</p>
	<p>Navigation-left key: To scroll through menu, lists and text. Navigation-right key: To scroll through menu, lists and text. Navigation-up key: To connect a WAP. To scroll through menu, lists and text. Navigation-down key: To search a list. To enter the message menu. To scroll through menu, lists and text. To switch a capital/small letter in putting letters</p>
	<p>Send key Makes or answers call.</p>
	<p>Clear key To delete numbers and letters from the display. To delete an item from a list. In the menu facility, returns to the previous menu level.</p>
	<p>End/power key Ends a call. Switches the phone on or off when pressed and held In the menu facility returns to the idle mode and cancels your input</p>
<p>0-9 key</p>	<p>Enters numbers, letters and characters.</p>
	<p>Enters *character. In the idle mode, enters the lock mode when pressed and held.</p>
	<p>Enters number ' 0 Prefix of an international call - speed dial</p>
	<p>Enters # character. In the idle mode, quickly changes to Etiquette mode when pressed and held.</p>
	<p>Side up key and side down key. Adjusts the earpiece volume and the microphone volume during a conversation. Adjusts the key ringer volume in the idle mode. To scroll through menus, lists and text.</p>
	<p>Voice memo key. To record the voice of the other party to enter the voice memo and voice dialing in calling.</p>

LCD DISPLAY INDICATORS

The display is comprised of two areas: an upper line of static icons and the lower text and graphic area. The following icons display at power-on.




Items	Descriptions
	Displays your current signal strength. The more lines you have, the stronger your signal.
	Appears when a call or short message service is in progress.
	Indicates when the vibration mode or etiquette is set to ON.
	Indicates when the lamp feature is set to ON or the ringer volume is set to 0.
	Indicates when you have messages waiting. (It will disappear after you have viewed the message.) Short message Voice message Short + Voice message
	Indicates when the alarm or promises is set to ON.
	Indicates when you are on another service provider's network.
	Indicates when using the phone is on a Digital/Analog cellular network.
	Shows the level of your battery charge. The more bars you see, the more power you have left. When the charge is low, this icon blinks and an alert tone is sounded.
	Indicates when you use WAP without security lock.
	Indicates when you use WAP with security lock. Your information is safe in this case.

GETTING STARTED

+Turning The Phone On And Off

When you're ready to turn your phone on, check to see that the charged battery has been installed on the back of the phone.

1. Open the flip cover.

2. Hold down the  **key** for more than one second to switch the phone on.


The red light flashes and an alert sounds simultaneously.

When the system locates services, the greeting message displays along with the date and time. Calls can now be placed and received.

If the system cannot locate service, the greeting message displays without the date and time. In this case, calls cannot be placed nor received. Try again later when service is available.

3. To turn the phone off, hold down  **key** for more than one second.

+Locking or unlocking the phone:

Lock: In standby mode, press and hold  .

Unlock: Press and hold  and enter the lock code (4 digits).

Initial values are "0000".

When the phone is locked:

+The indicator [] is shown.

+Calls can be answered and ended as normal.

+Calls may be possible to the emergency numbers programmed into the phone.

+Antenna Position

The antenna can be used in its fully extended or fully retracted position only. It is recommended that the antenna be fully extended for optimum performance and signal strength or while operating in poor signal areas.


+Network services

A number of features included in this guide are called Network Services. They are special services provided by wireless service providers. Before being able to take advantage of any of these network services, subscription to these service(s) from your home service provider is required. Then obtain instructions for their use.

+How to Input characters

Press a number several times until the desired letter appears. (A number followed by “P” means how many times the number should be pressed until the desired letter appears.)

At first, a capital letter appears when a character has been entered. Change a capital letter into a small letter or a small letter into a capital letter using Navigation down key.

After two seconds, the cursor will automatically advance to the next space once character has been entered. To edit a mistake, press  to correct the last letter entered.

Frequency Key	Capital Letter					Small Letter				
	1P	2P	3P	4P	5P	1P	2P	3P	4P	5P
1	1	Space				1	Space			
2	A	B	C	2		a	B	c	2	
3	D	E	F	3		d	e	f	3	
4	G	H	I	4		g	h	i	4	
5	J	K	L	5		j	k	l	5	
6	M	N	O	6		m	n	o	6	
7	P	Q	R	S	7	p	q	r	s	7
8	T	U	V	8		t	u	v	8	
9	W	X	Y	Z	9	w	x	y	z	9
0	0					0				

++How to input special characters

To input the special character, use the navigation up key. There are special characters that can be used as follows.

! @ # \$ % ^ & * () ? + - / \ = ~ _ | “ < > [] { } ; : , . ‘ ’

Use the Navigation up and down keys to find desired letters.

++How to input Portuguese/Espanol

To enter **Portuguese/Espanol**, press and hold the desired key among 2key~9key. For example, press and hold 2key to find letter .

2key	1	2	3	4	5	6	7	8
Capital	2							
Small	2							
3key	1	2	3	4	5	6		
Capital	3	Ɔ						
Small	3	õ						
4key	1	2	3	4	5			
Capital	4							
Small	4							
6key	1	2	3	4	5	6	7	
Capital	6							
Small	6							
8key	1	2	3	4	5			
Capital	8							
Small	8							
9key	1	2						
Capital	9							
Small	9							

++How to move cursor using Keys

Navigation-up key: To enter special characters

Navigation-down key : A capital letter A small letter



Or Navigation-right key: Moves cursor forward

Navigation-left key: Moves cursor backward



, : Moves cursor up




, : Moves cursor down


BASIC OPERATIONS


+Making And Ending Calls


Before being able to make or receive calls, the phone must be turned “on” and be within range of a network.


1. In standby mode, key in the area code and phone number.

To fix an error, press .

2. Press  and wait for the answer.

3. Press  key to finish the call (or close the flip).

TIP: To redial the Last Outgoing Number - In standby mode, press .

Note: If the **Auto Retry** option is “On” ( key (MENU)+9 key +1key) and if the call does not connect, then the phone automatically retries to make the call.

+Receiving Calls

When somebody is calling, the phone rings and flashes its light, and a related text is displayed.


To answer an incoming call,


1. Extend the antenna completely for best performance.
2. Either flip open the phone or press the side scroll up and down key, voice memo key to receive the call.

If the phone is already open, press any key (except for the soft right key, soft left key, navigation key, end/power key) to receive calls.

3. If contact is made with the antenna during the conversation, call quality will decrease.



++Ringer Silenced


Before answering the incoming call, if the flip is closed, press .

If the flip is opened, press .

After “Ringer Silenced”, answer an incoming call as normal.

++Etiquette Mode

To switch to etiquette mode press  for a while. Press and hold  until the vibration icon appears and “Switching to Etiquette Mode” display appears. The phone will switch to etiquette mode immediately.

Press and hold  for a while again to terminate the Etiquette Mode.

+Emergency Dialing

Even if the phone is locked, emergency numbers can be dialed.

1. There is (are) different pre-defined emergency number(s) for each country saved in the phone.

Country / Carrier	Brazil / Telefonica	Peru/ Telefonica	Brazil / Telesp	Venezuela/ Telcel
Emergency Number	190,192,193,199	105,116	190,192,193,199	911

2. 5 personal emergency numbers can be stored and edited as well. (Menu-2-7)

3. To dial personal emergency numbers: #+Emergency call address (1~5)+send.

USING VARIABLE FUNCTIONS

+Making Calls From a Phone Book






Regularly dialed numbers can be saved in the phonebook memory. Each memory location allows storage of up to four phone numbers and one E-mail address under one person's name. Simply recall the number to dial. The phone can store up to 190 names and numbers. There are several ways to access up to 190 numbers in the Phonebook Menu. Follow the steps outlined in the sections below.

++Creating an Add entry; To Save Numbers To Your Phone Book

1. In idle mode, enter the desired phone number and then  [STO] to store the number.


OR Press  key+2+6, to enter a “creating add entry” menu.

The phone book entries are displayed.

2. Enter a memory number (001-190) and . If a memory number is not assigned, the phone will do it automatically.
3. Enter memory number (001-190) and press  [OK]
4. Select a label. The following labels are available: home, work, mobile, and pager label.
After selecting the label, press  [SEL].
5. Select a group and press  [SEL].
6. Select whether set a Voice Dial or not then press  [SEL]. -> Saved.

++Erasing a name and phone number

To clear label: Move to the desired label using the Navigation key then

Press. 

To clear memory location: Move to the desired location using the Navigation key then

Press 

To clear entire phonebook: Press  [MENU]+6+5+1.

++Making people groups (MENU-2-5): Persons can be saved in groups.

There can be 8 groups including a Secret group. The secret group cannot be erased, but its ring tone can be changed. Each group has a different ring tone. (Network Service)

++Adding a stored name and phone number:

Once an entry has been added to the phonebook, multiple phone numbers can be put into that entry.

1. Select the desired memory location (Use the search option)
2. Select the label to add ([empty]): Move the Navigation Key to desired label.

Then Press  [EDIT].

3. Enter phone number.

4. Press  [STO].

++Editing an Existing Phonebook Entry:

1. Select the desired entry (Use search option)

2. Highlight the desired feature and press  [EDIT].

3. Follow the phone's intuitive prompts.

4. Name, phone number, E-mail, turbo dial, Voice dial, Group, Ring tone can all be edited.


NOTE: Ring tone – Each Entry can have a different ring tone if Network supports Caller ID.

++Reviewing all memory location

1. In stand-by mode, Press  **+2+1 key** in the idle mode.


2. All numbers in the Phonebook can be reviewed in memorial order.

3. Use the **Navigation Key** to scroll through the Phonebook entry list.

4. Press  to dial the stored number.

++Storing an Emergency Number


This menu provides the option of storing five emergency numbers.

1. In stand-by mode, Press  **+2+7.**


2. Enter a desired emergency number.

3. Press **soft right key**.


NOTE: An emergency call like this can be made in stand -by mode. (Press # + Emergency

location (1~5)+  .)


++Current Memory Status


In stand-by mode, Enter  **+2+8.**

++Storing the International Telephone Number

1. In stand-by mode, Press  **+ 2 + 9.**

2. Enter the desired number.

When making an international call, press and hold  then the stored prefix of the International Call Service number will be displayed on the LCD, and press the rest of the



number (country number, local number, and personal number) then  .

++Indicating My Phone Number





You can see your own phone number.

In stand-by mode, Press  +2+# or soft left key+ #.





++Finding a number using a person's name

1. In the idle mode Press  +2+2.
2. Press the name of the desired person and then the screen shows the number of the name stored in the Phonebook. Even if only the first letter of the name is entered, the screen shows the name such as "Gi" for "Giga", "G T" for "Giga Telecom" and "G T I" for "Giga Telecom Inc".
3. Enter the desired name.
4. Press  to dial the stored number.

++Finding the name using the Navigation Key

1. In the idle mode press  +2+3 then enter memory location and press  [OK].
2. The screen shows the entries stored in the Phonebook in memorial order.
3. Use the **navigation key** to find the desired memory and press .
4. Press  to dial the stored number.

++Finding a number using phone number (if at least one digit one digit is known)

1. Press  + 2+4 in the idle mode, and then enter phone number and press .
2. The screen shows the entries stored in the Phone Book in numerical order if press one digit you know and then press ok.
3. Enter the desired number and press .
5. Press  to dial the stored number.

++Tip: Quick search

In stand-by mode,

1. Searching by Memory location: Press the desired memory location address (1~190)

+  [ADDR].

2. Searching by Phone number: Press the phone numbers (more than 191) and

press  [SRCH].

+Using Speed Dialing

Once phone numbers are stored in the phonebook memory, they can be easily dialed. This feature allows one-touch access to numbers stored in the first nine memory locations, 001-009. (Two-touch access to memory locations, 010-099: Three touch access to memory locations, 100-190)

For example, press and hold a key, 1 through 9, and the call is placed.


Note: If two or more telephone numbers are stored in the same address, the **Turbo Number** will be dialed first.

++Abbreviated Dialing (One -Touch Dial)

Memory locations 001 through 009 are special one-touch locations. The phone numbers stored in the Phonebook from 001 through 09 can be dialed simply by pressing the corresponding button numbers 1 through 9.

For example: Location no. 008

Press and hold **8**.

Or **Press 8** and then .

The number (and name) stored is displayed and then dialed.

++Two – Touch Dial

Phone numbers stored in the phone book locations 010 through 099 can be dialed simply by pressing the corresponding two buttons, 10-99.

Press the first digit briefly and then hold down the second digit of the phone book memory.

For example: Location no. 018

Press **1** briefly and hold down **8**. Or Press **1 + 8 +** .

The stored number (and name) is displayed and then dialed.

++Three – Touch Dial

Phone numbers stored in the phone book locations 100 through 199 simply by pressing the three corresponding digits.

Press the first and the second digit briefly, then hold down the third digit of the phone book.

For example: Location no. 123

Press **1** and **2** briefly and then hold down **3**.

The number (and name) stored is displayed and then dialed.

+Voice Dialing

The phone can store up to 20 different numbers for voice dialing. Using the voice dial option requires that the names be programmed into the phone.

( [Menu]-7-6). For more information, see menu-7 Voice service.

1. First, flip open

2. Press .

3. After the prompt, say a desired voice tag that is saved on the phone.


For more information, see menu-7 Voice service.

++Note:


1. Avoid recording similar names
2. Avoid recording in noisy places.
3. Speak to the phone clearly and naturally
4. Avoid very long and very short names.
5. Record the name again if a voice dialed call does not connect properly.

+Missed Call Notification:

If you are unable to answer a call for any reason, you can find out who called by viewing the number through the Missed Call service. If for any reason a call is missed, simply call back



the person by pressing .

The number of times a call is missed is displayed on the idle screen immediately after the

call is missed. Press  [OK] to return to the stand-by state.

When this network service is activated, missed call numbers can be seen in the incoming call list

+Auto Machine (Automatic Answering Mode)


If you have set Automatic Answering option to “On” ( [MENU] +9+7-Auto machine) and the call connects automatic answering mode. Also, if you press and hold  key, Automatic Answering is set.

IN-CALL OPTIONS



The phone provides a number of functions that can be used during a call. These functions may not be utilized at all times. Many of the in-call options depend on network services. Press key during a call to access the following

+Sending My Phone Number

This Phone can send DTMF tones of its number to communicate with answering machines, computerized telephony service etc.

Make a call in the normal way. Press  [MENU] and Press 1.


+Number Memo

1. During a call  [MENU] and 2.
2. Press the number to be stored and press  [ADD]

After the call, the number memo can be viewed at the outgoing call list (MENU-1-2)

+Mute / Un-mute

It is sometimes necessary to mute a call so that the other party cannot hear you. If you can switch your phone's microphone off, the other party cannot hear you.

Press  [MENU] and then press 4.

Example: If you wish to say something to another person in the room but do not want the calling party to hear you.


Tip: Press Navigation up key to Quick Mute/Un-mute

+Phone Book

To access the **Phonebook** menu.


Press  [MENU] + 2.


+Indicating My Phone Number

During a conversation, to see your own phone number press  [MENU] + .

+Voice Recording

During a conversation, the phone can make voice recording of the other party.


To turn on voice recording, press . The message “Recording” displays, along with the timer display.

To stop recording, press  again.

+Adjusting the Volume during conversation

During a call, to adjust the earpiece volume, use the volume keys on the left side of the phone.



Press  to increase/decrease the volume.

In the idle mode, adjust the volume using the same keys.

USING NETWORK SERVICE FEATURES

+Call Waiting

Incoming calls can be answered while a call is in progress, as long as the network supports this service. Contact your service provider to activate Call Waiting.

When a waiting call is detected, the incoming calls alert sounds (network dependent) and a text notification is displayed.

NOTE: Ask how to use Call Waiting Service because it depends on each individual carrier.

+Three-Way Calling

This feature enables conference calls with two separate parties at the same time.

Airtime is billed for each outgoing call separately.

Contact the service provider to activate Three-Way Calling.

NOTE: Ask how to use Call Waiting Service because it depends on each individual carrier.

+Using Caller ID

Caller ID identifies who is calling through displaying the number that the person is calling from when the phone rings. If the caller's name and number are already stored in the Phonebook, the corresponding name will appear with the number.

Contact the service provider to activate Using Caller ID

VOICE MAIL AND SHORT MESSAGE SERVICES (SMS)

+About Short Message indicators

These indicators appear in the Short message menu. (Navigation-down key-2)



: Appears when the messages are checked.



: Appears when the pages are received.



: Appears when the message is locked. If the message is locked, it cannot be cleared.

+Knowing When the Phone has Messages

If the system supplier provides this service, the phone has the function to receive voicemail notification and text messaging service, which is displayed on the LCD.

When the phone receives a message, an alert tone sounds and a text notification is displayed on the LCD.

If the message memory is full, existing messages must be cleared to receive new messages.


Or

If you don't want to receive additional new messages, set this option to instantly delete all incoming messages:

Press **Navigation-Down key+5+4**.


+Receiving Messages

Either an alert tone will sound once, once every 2 minutes, or the lamp will blink when a


message is incoming. A  icon will display.

The phone's alert can be selected. For Incoming Alert option, press **Navigation-down+5+1**. To set the contents mode in the display mode option (**Navigation-down+5+2**), a new message can be checked immediately with **Navigation-down**.

+Checking Voice Messages

When a voice message is received, the screen displays the time, date and the number of new, unheard messages. A  icon will display.

If you want to listen to your messages, dial the access number.

Press **Navigation-down** +1+  to call the voice message box. If the message includes a call back number, the number can be called back in this menu. And then follow the voice guidance of the service center.

Connection to the VMS (Voice mail Server) Access Number can be done just by pressing **Navigation-down** for a while. However, check the VMS Access Number because each individual carrier may change it.

Country / Carrier	Brazil / Telefonica	Peru/ Telefonica	Brazil / Telesp	Venezuela/ Telcel
VMS Access Number	*555	*169	*1234	*2

+Checking Short Messages


The phone can receive text messages just like a pager.

Press **Navigation-down** to open the messaging menu and Press **2**.

Scroll up or down using **Navigation** to check messages and select a message.

If the message includes a call back number, to call that number press .

++Lock a Short Message

When a Short Message is opened, it can be locked. Press  then the indicator will

change from  to . The message is locked.

+Sending messages

The phone can transmit text messages, pages and store the transmitted messages.

Press **Navigation-down** to open the messaging menu and Press **3**.

You can select the following message menu.

++Send Messages

Press **Navigation-down key+3+1key** in order to send a new message in stand-by mode.

Write the new message and enter its destination phone number, then the desired call back number.

Or

Press the **Navigation-down key+3+2key** in order to edit and send a previously written message.

Received messages can be forwarded. To forward, press **Navigation-down +3+3**.

++Numeric Paging


In stand-by mode, press **Navigation-down+3+4**.

Enter the desired destination address number and the desired callback number.


++Phone book


In stand-by mode, press **Navigation-down +3+5**.

A saved number in the phonebook can be transmitted to a third party.

After searching a desired phonebook memory location, press  [SEL].

To send all information, press  [DONE] when the cursor is at the name field.

To select some part of label, move with Navigation and press  [SEL].

After check the label(s), press  [DONE].

Enter the desired destination phone number and the desired callback number.

++Note

In the stand-by mode press **Navigation-down+3+6**.

You can transmit a saved Personal note in your phone.


To add new contents to Personal note, press Menu + 5+4.

After highlighting desired Memo, enter the desired destination phone number and the desired callback number.

++Clearing Messages

To erase selected messages (Text Msg / Send Msg / Mailbox) that have been transmitted.

Press **Navigation-down+4**.

Select Items to be cleared using Navigation and Press  .

++Message Setup

In stand-by mode, press **Navigation-down+5**.

+++Incoming Alert

To adjust alert tone sounds (Once / Once every 2 minutes / Lamp) press **Navigation-down +5+1**.

+++Display Mode

If the Contents mode is set, new messages can be checked immediately after they are received with **Navigation-down**.

Press **Navigation-down +5+2** to execute this option.

+++How to Send

When prompted, set the priority of text message. Priority options are available Normal /Urgent/ Emergency/when sending.

In stand-by mode, Press **Navigation-down+5+3**.

+++Memory Full

In stand-by mode, press **Navigation-Down+5+4**.

Clr received: Set it to clear the oldest message, when the new message arriving time, if the message memory is full can be set.

Or

Rej received: To reject every incoming new message, this option can be set.

+++UP Browser

The phone comes equipped with a WAP (Wireless Application Protocol) Browser, making it possible to access the Wireless Web.

Press **Navigation-Down key+6**

Before using the WAP Browser, the parameters for the proxy server used by the service provider must be set.

When the phone is turned on, it will ask if you wish to use the phone or access the Internet.

The soft keys may vary, depending on the service provider

+Managing Calls History

You will find your recent call history list. This is a list of the last 20 phone numbers dialed and last 20 received phone calls. The call history list makes redialing a number fast and easy. It is continually updated as new numbers are added to the beginning of the list and the oldest entries are removed from bottom of the list.

++Incoming

This function depends on Caller ID service by your network provider.

This option views the received calls.

When accessing this menu, the most recent incoming calls are displayed.

Press  [MENU] +1+1.

++Outgoing (Indicates a call you placed)

The phone stores up to 20 dialed calls. When accessing this menu, the list of outgoing calls is displayed.

Press  [MENU]+1+2.


++Air Time

Using this option, view the call time of the last call, as well as total airtime for all calls since the timer was last reset.

Press  [MENU]+1+3.

1. Last Call (time): duration of the last call
2. Home Calls: Number of all home calls and their duration of time
3. Roam Calls: Number of all roam calls and their duration of time
4. All Calls: total duration of all calls made since the timer was last reset
5. Reset Air Time: resets the call times

SCHEDULE

It is useful menu to handle a busy schedule. Press  [MENU] +3.

Schedule menu enables management of personal information such as Appointments, Alarm, Anniversary, Schedule, To Do List, and D-Day

+Appointed Time

Sets the alarm to ring at an appointed time within 24hours. After setting the alarm, to check

the left time (menu  +3+1-see left time-ok).

The Appointed time sets the phone to alarm after a certain time. For example, the phone can be set to alarm after 5, 10,15, 30, 45minutes, 1 hour ~ 10, 12, 14, 16,18, 20, 22, 24 hours.

To set the alarm.

Press  [MENU]+3+1

Use scroll up and down using **Navigation-key** to select the desired time.

Press 


+Alarm

To set the Alarm to ring at a specific time.

Press  [MENU] +3+2

Select alarm **Yes**.

And then select AM or PM by using **scroll up or down key**.

Enter the desired time, and then press .

When the alarm goes off [ALARM] displays on the screen and the phone will ring for a minute.

To stop the alarm when it rings simply, Open/Close the phone Or Press any key

++Selecting alarm sound



To select a unique alarm sound from 7 different melodies.




Press  [MENU] +3+0

+Anniversary

The phone can save up to 10 anniversaries.

++Setting the Anniversary


Press  [MENU] +3+3+  (select [Empty]).


1. Enter an Anniversary name and then press .
2. Enter an Anniversary Time and then press .
3. Enter a Schedule Alarm and then press .

++Editing the Anniversary

If a task is already defined in the Anniversary, it is displayed selecting the Anniversary menu option. Press **soft right key** to edit the content.


+Schedule


Up to 10 schedules can be saved. First press  [Menu] +3+8 key.


Highlight the desired date to schedule. Next, Press  and enter Schedule Contents.


++Entering the Schedule 1

Press  [MENU] +3+4+  [SET] (Select [Empty])

Enter Schedule Content and then press  [OK].

Enter a Schedule Time (date, time) and then press  [OK].

Enter a Schedule Term and then press  [OK].

Enter a Schedule Alarm and then press  [SEL].

++Editing the Schedule 2


If a task is already defined in the Schedule, it is displayed when you select the Schedule menu option. Press **soft right key** to edit the content.


+To Do List


Up to 10 To Do Lists can be saved.

++Creating the To Do List

Press  + 3 + 5 + (Select [Empty])  [SET].


1. Enter a “To do Content” and then press  [OK].

2. Enter a “To do Term” and then press  [OK].

3. Enter a “To do Condition” and then press  [OK].

4. Finish / Process (Saved), press  [SEL].

++Editing the To Do List


If a task is already defined in the To Do List, it is displayed when the To Do List menu option is selected. Press  to edit the content.


+D-Day

++Setting the D-Day


Press  + 3 + 6.


The phone counts how many days, hours and minutes are left for the day on which an important action is planned to happen or begin.

1. Enter D-Day name and then press  [SEL].

2. Enter D-Day, year, date and then press  [SEL].

++Editing the D-Day


If a task is already defined in the D-Day, it is displayed when you select the D-Day menu option is selected. Press  [SEL] to edit the content.

TIP: Press  + * to check today's schedule, anniversary, To-do-list, D-day in the stand-by mode. And then Press * or Navigation key if you want to scroll its contents.

+Time Signal

To set the Time Signal,


Press  [MENU] + 3+7.


And select the Time Signal "Set" and then press  [SEL].

+Calendar

Press  [MENU] +3+8.

The monthly calendar from year1980 to year 2099 can be viewed.

 Moves to the last year


 Moves to the next year


Navigation-left key: Moves to the last day

Navigation-right key: Moves to the next day

Navigation-up key: Moves to the last week

Navigation-down key: Moves to the next week

 Forward to the next month

 Back to the last month

+Set Time

Press  [MENU] +3+9.

The phone notifies you with time by Network. However, the intentional user time can be set based on time by Network. If set to **Disable** option, it will return to time by Network.

+Alarm Sound

To choose 1 melody among 7 melodies, it is convenient to distinguish the Alarm Sound from bell sound because it is different from bell sounds.

Press  [MENU]+3+0.

SOUND

To use the **Sounds** menu to customize various sound settings.


Press  [MENU] key + 4key.

+Ring Tone

Press  [MENU]+ 4+1.

Sets the ringing tone for voice calls.

This option allows you to select the desired ringing tone. You can choose among 11(4 Bells,

7 Melodies) different bells or melodies. Scroll to the desired tone and press  [SEL]

+Ring Type

To adjust ring type

Press  [MENU]+4+2.

This option provides 3 types of incoming call alert modes. The following options are available.

Bell: The phone sounds selected bell.

Vibrator: The phone does not ring but vibrates only.

Vibrator + Bell: The phone vibrates first, and then rings.

Lamp: The backlight is switched on and the lamp blinks; the phone neither rings nor vibrates.

+Ring Volume

To adjust the ring volume

Press  [MENU]+4+3.

Or press the **scroll side up or side down key**.

This option adjusts the ringer volume from one to nine levels. The ringer can also be turned off. The higher the graph, the louder the volume is.

+Key Volume

To adjust key volume

Press  [MENU]+4+4.

This option allows adjustment of the tone volume that the keypad generates when a key is pressed.

Also in the idle mode, use **scroll side up or side down key** on the left side of the phone to adjust key volume.

Adjust the key volume from one to nine levels. Also turn the ringer off.

The higher the graph, the louder the volume is.

+Tone Length

To adjust tone length

Press  [MENU]+4+5.

Some phones can recognize only longer tones. Tone length may have to be changed to long for some calls. When calling a paging system, the phone should be in the Normal mode.

+Voice Volume

To adjust voice volume

Press  [MENU]+4+6.

This adjusts voice volume from levels one to nine. The higher the graph, the louder the volume is.

+Microphone Volume

To adjust microphone volume

Press  [MENU]+4+7.

This adjusts microphone volume from levels one to nine. The higher the graph, the louder the volume is.

+Alert

++Connect Tone

To set the phone to sound the connect tone when your call is connected to the system.

Press  [MENU]+4+8+1.

++Fade Alert

To set the phone to sound the fade alert when a call is disconnected or dropped.

Press  [MENU]+4+8+2.

++Minute Beep

With this menu option set to **check**, the phone sounds an alert 10 seconds before each

elapsed minute as a reminder of the length of the current call.

Press  [MENU]+4+8+3.

++Roam Alert

To set the phone to sound the roam alert when the call is roam status to the system.

Press  [MENU]+4+8+4.

++SVC Alert

With this menu option set to **check**, the phone beeps when leaving service area or when returning to a service area.

To adjust a SVC Alert volume

Press  [MENU]+ 4+8+5.

UTILITIES

+Calculator

To use the phone as a calculator

Press  [MENU]+ 5+1.

The calculator provides the basic arithmetic functions:

Addition(+), Subtraction(-), Multiplication(×) and Division(/).

++How to use the Calculator

1. Input the first number using the numeric keys.
2. Press a navigation key until the required arithmetic symbol appears by pressing Navigation Key Add(+), subtract(-), multiply(×) and divide(/).
3. Input the second number.
4. To calculate the result, press soft right key (=).

+++Tip: If you want to hold the result of calculation, press # key. For example, if you press # key during calculation, it will change A[+, -, ×, /]B ->A to B[+, -, ×, /]A ->B. And then you can continue calculate with that result of calculation.

Ex) 5(A)+3(B)=8(A) and press #key → 2(B)+8(A)=10(B), 5(B)+8(A)=13(B),
13(B)+8(A)=21(A) ...

+World Time

To check the current time for 64 major cities around the world in alphabetical order, by using **the navigation keys -Up, Down, Left, Right keys**.

Press  [MENU]+5+2.

The screen shows the:


- City name
- Current date and time

+Convert Unit

To use the unit converter Press  [MENU]+5+3.

The converter changes **Units** such as **Length, Area, Volume, Weight, Speed, and Temperature**.

++How to make a Unit Conversion


1. Select the desired unit through  [UNIT].
2. Input the number using the numeric keys.
3. The conversion is done automatically.

+Personal Note

To write or edit a personal note (up to 16 personal notes), proceed as follows.

Press  [MENU]+5+4+(Select [Empty]) press  [SEL].

1. Input the item name, press  [OK] **soft right key**.



2. Enter the data, press  [OK].

If a task is already defined in the Personal Note, it is displayed when selecting the Personal





Note menu option. Presses  [SEL] to edit the content.

+Stop Watch

The phone can be used as a stopwatch. To use the stopwatch,

1. Press  [MENU]+5+5.
2. Press the  [STRT] to start.

On operating the stopwatch,

- 3-1. To stop, Press  [STOP].
 - 3-1-1. If you press  [STRT] again, you can check the cumulative time.
 - 3-1-1-1. If you press  [SPLT], you can check the split time.
 - 3-1-2. If you press  [INIT], you can return to the initial situation.

SECURITY

To access the security menu, enter a four-digit lock code. The lock code is preset to “0000” at the factory.

+Lock

When the phone is locked, only emergency calls can be made or calls can be received. All other functions of the phone are disabled.

If the lock code is forgotten, take the phone to the nearest Service Center


To lock the phone Press  [MENU]+6+1.

On Power up: the phone locks automatically at the next power on.

Off: the phone remains unlocked.

Always: the phone always locks.

++Tip: Press  for a while, and the phone is locked.

Press  + Security Code, and the phone is unlocked.

+Restrict

Press  [MENU]+6+2.

For your protection, choose the restriction option to restrict International Phone and Phonebook.

Press  [MENU]+6+2+1.

Phonebook: The Use of the Phonebook can be restricted by this option.

Press  [MENU] key +6+2+2.

International call: international calls cannot be connected.

The phone can be restricted or unrestricted by each option individually.

+Hide Data

To secure data, Hide Data can be set up in Phonebook, Message, Note, Outgoing, and Incoming. If it is hidden, you should enter the security code to view.

Press  [MENU]+6+3.

+Lock Code

To change the current lock code to a new one.

Press  [MENU]+6+4.

The lock code is preset to 0000 at factory.

Enter a new, four-digit lock code twice, then press  [OK].

+Clear Memory


To erase all phone memories such as user-input in the phonebook, outgoing, incoming, and schedule to do list respectively.

Press  [MENU]+6+5.

+Reset Phone

Resetting the Phone will restore all the factory defaults. Once this feature is selected, the reset process cannot be canceled or reversed.


Press  [MENU]+6+6.


Place the scroll bar at OK Enter  [OK].

VOICE SERVICE

Up to 20 stored voice tag entries can be added to a desired name and phone number. Any spoken word, for example a name, can be a voice tag.

Before using the voice service menu, the Record User Command menu must be registered.

(To do so, enter  [MENU]+7+6) by saying the desired voice command.

This option registers voice on the phonebook menu. Enter  [MENU]+2 for subsequent voice dialing. The phone provides voice prompts and screen displays to guide through the recording process.

Respond to the prompt by saying the desired name to save. The phone stores the name as a first sample, and then prompts for the name again.

Respond to the prompt by repeating the name after the beep.

The phone stores the name as a second sample, and then requests the phone number.

Enter the phone number by pressing the digit keys.

To store the phone number, press the record key. If the name matches with the Phonebook, the number is displayed along with the record notification.

+Voice Dial List

Press  [MENU] key +7+1key.

Check the desired voice dial list, already stored Voice dialing.

To have 20 Voice tags that can be stored.


+Voice Memo

To use the voice memo and record up to 3 minutes (30 memos) regardless of frequency.

++How to Record Voice Memo

Press  [MENU] +7+2+2.

The screen displays the:

“Record Voice Memo?” prompt. Press  [OK].

And then you can start to record. Press any key to stop recording.

++How to Replay Voice Memo

You can play back all memos recorded, starting with the most recent memo.

You can choose the voice memo you want to replay using Navigation key.


Press  [MENU]+7+2+1.

The screen displays the Memo location, Date and Time when the memo is recorded.

NOTE: The phone cannot automatically answer incoming call when it is filled with memories.

+Set Up Voice Dial

Voice Dialing is always active once the names have been recorded and the associated

phone number that has been entered. To place a call using Voice Dialing, simply press .

You can initiate a Voice Dialing call by opening the flip cover and then by selecting this option.

Press  [MENU] key +7+3key.

Manual: Enables Voice Dialing only by pressing .

Auto: Simply enables Voice Dialing by opening the flip cover.

Always off: Voice Dialing is not used.

This menu allows you to get quick access to the frequently used menus by saying your own voice command.

+Clear Voice Dial


This option erases all voice dialing entries.

Press  [MENU]+7+4.

Enter the security code.


++The screen displays the:

Remove all voice tags proceeds.

Press  [OK], to confirm the deletion of all voice dials.

++The screen displays:


All message tags were deleted successfully.


To clear messages one by one, press **Menu+7+1**. Highlight the voice dial and  to delete you want to erase.


+Automatic Answer



This function answers an incoming call automatically after a number of rings that the user sets.

Before using this option, set the Speaker "on" to "call screen menu". Press

 [MENU]+7+5+3 for Call Screening. After setting up the "call screen" menu, hear the voice of the counter party simultaneously, during the recording of the voice memo

Press  [MENU]+9+7 and select the time of "the phone automatically answers calls"

option, then press  [SEL].

While the message is being played, to answer an incoming call press  or .

Tip: Press  for a while, Automatic Answer will be On/Off instantly.

++Recording Greeting Message

You must record your own greeting message.

If you always want to use the greeting message of Auto Answer option, you have to record the greeting message three times, each one of Record-8K, Record-EVRC and Record-13K.

Press  [MENU]+7+5+2.

However, if the voice memory is full, Auto Answer does not work.

+++The screen displays the:

Recording Greeting Message

+++You can hear the following instructions:

Please record at tone

After hearing the beep, start recording the message. When the recording message is finished, then press **any key** to terminate.

+++The screen displays:

Greeting Saved successfully.

++Greeting Message Play

To hear previously saved Greeting Messages.

Press  [MENU]+7+5+1.

+++The screen displays

Playing Greeting Message

And then, you can hear the recording message.

++Call Screen

If speaker on is set in the call screen menu, you can hear the voice of the counter party at the same time, when he is recording the voice memo.

If you set up speaker off the call screen menu, you cannot hear the voice of the counter party, when he is recording the voice memo.

Press  [MENU] +7+5+3.

+Record User Command

To use the voice dial, register the **Record User Command** menu by saying your own voice command.

The phone provides voice prompts and screen displays to guide you through the recording process.

How to record user command

Press  [MENU]+7+6.

++The screen displays the

Please hold phone to ear and wait.

++You can hear the following instructions:

“Now training control word. Please say the word. Yes.”

Respond to the prompt by repeating the words. The phone stores the voice as the first sample, and then prompts for the word again.

Please say the word, YES

Again

Please say the word, NO

Again

If voice was successfully recorded, the following message will play.

“Training was successful.”

The Voice menu can be used after completing the above procedures.

DATA SERVICES

For Data Service, the Data Service Cable must be purchased at the place of purchase of the phone.

To send or receive data through the phone,

Press  [MENU]+8.

1. Service Type: High Internet, Normal Internet, Normal Data,
2. Termination Type: This receive call option can be set to voice, modem or fax.

Voice: receives a call.

Modem: receives or sends data

Fax: receives or sends fax.

++NOTE: Ask the carrier in your country how to use Data Service because Data Service differ from country to country.

SET UP

+Auto Retry

Press  [MENU] 9+1+ “Yes”.

When the call is not connected, this function retries the call automatically at a set interval or amount or retries.

+Prefix Dial

Press  [MENU] 9+2.

If you set to “Yes” then, a call is placed the phone automatically makes prefix dialing.

+Back Light

To select whether or not the phone uses the LCD backlight. The following options are available.

Press  [MENU] +9+3.

Flip open: The backlight comes on during you open the flip cover.

Set up Seconds: The backlight comes on when a key is pressed or a call is received and switches off 5, 10, 20, 30 seconds after the last key is pressed.

Always off: The backlight is not used.


+Idle Display

Press  [MENU] +9+4.

To set a greeting message to be displayed in the idle mode.

Press  [MENU] +9+4+1


It is preset to Giga.

To change the greeting display type press  [MENU] +9+4+2

It can be changed to displays such as Basic, Digital Watch, Giga Logo, World Time- Present Time and D-Day in your preference.

+Animation

Plays during power are on/ off.

Press  [MENU]+9+5 and select the animation option, then press soft right key. It is shown when the power is on or off.


+Auto Hyphen

Press  [MENU] +9+6.

If you set to "on" then, the phone automatically hyphenates numbers as follows: (area code)-(number).


Digits following a **pause** are not hyphenated.

Time Pause: Wait two seconds before sending the next string of digits.


Hard Pause: Cause the Phone to stop dialing until  is pressed after selecting send tone.

++Pause Dialing

This function is to dial in the electronic system for using the Audio Response System (ARS) provided by bank or Beep Call. The pausing character (**P** for hard Pause or **T** for time pause) is inserted in the middle of the appropriated phone number enabling transmission after one

second for the number following the time pausing character or by pressing  only, if it is a hard pause.

1. Press **Navigation-right and down** to select P. for the use of P (Pause). The "P" is displayed on the screen.

Pause: For the number following P, transmission is possible by pressing 

2. For the use of the Time pause (T), press **Navigation-left and up** to see the "T"

Time pause: It takes 3 seconds for each "T" to transmission following numbers

3. Press **Navigation-right and down** two times, to select H (Hyphen: -)

4. Press **Navigation-right and down** three times, to select N. My phone number is displayed on the screen.

++ Prefix Dialing

Prefix Dialing allows you to alter a phone number in the phonebook by adding additional numbers. For example, if the phonebook entry was entered without an area code and you

are out of town, you can prefix that entry with the appropriate area code.

1. Select the phonebook entry or call history using one of the previously described methods.
2. Select the phone number label of the person you want to call.
3. Add additional numbers.

4. Press .

Also, use this prefix dialing option while checking SMS.

+Auto Answer Setting

Press  [MENU]+9+7.

To set “automation answering” option

-Disable: Not use this option

-1ring after (5sec. After): To answer an incoming call automatically after 1 ring sounds.

-3rings after (10sec. After): To answer an incoming call automatically after 3 rings sound.

-5rings after (15sec. After): To answer an incoming call automatically after 5 rings sound.

Auto Machine: You can use Auto Answering Machine

Tip: The time in the round brackets above means when vibration mode or lamp mode is set to on.

+Language

To select the language of voice prompts, menus and key-input.

Press  [MENU]+9+8.

English

Portuguêse

Español

+Contrast

To adjust the brightness of the LCD by using level 9 indicators.

Press  [MENU]+9+9.

+Select System

In this option, to select the system service mode and NAM.

Press  [MENU]+9+#.

++Force mode

Press  [MENU]+9+#+1.

You can select the system service mode between CDMA and Analog. Each service mode allows selection of a roaming option. Roaming is a feature, which is only applicable in areas where there are at least two cellular service providers having valid roaming agreements.

Roaming, when available, allows the phone to register on one of the networks, but use the facilities of the other if the phone's network is not available. This system priority feature allows you to program the phone for optimum operation when within the home service area or when outside the home service area.

Contact your home cellular service provider for information on the availability of this feature and roaming agreements they have with other cellular service providers.

++Select system

Press  [MENU]+9+#+2.

There are four different roaming options:

Home Only: the phone uses the home network only.

Standard: the phone uses Standard network.

A Only: the phone uses A system only.

B Only: the phone uses B system only.

++Set Auto NAM

Press  [MENU]+9+#+3.

If you set to **On** this option, the phone selects the networks automatically based on system information for the area you are in.

++Select NAM

The NAM (Number Assignment Module) enables you to subscribe to one or more service networks.

To set the phone to the desired network. To select a NAM from two NAMs.

Press  [MENU]+9+#+4.

GAMES

The phone allows time out to enjoy a game.


Press  + *.

+Game Start

Allow you to start game.

Press  [MENU]+*+1.

+Game Level

Allows you to select the level of difficulty. Press  [MENU]+*+2

Select the required level among 10 levels using the **up and down keys**.

And press the  [SEL] to select.

+How to Play

Press  [MENU]+*+3.

The object of the game is to change the opponent's pieces into my pieces. (→ If you have more pieces than opponent's pieces, you win the game.)

Blocking each end of the opponent's pieces (→ **White**) can do this (vertically, horizontally, or diagonally), which will change all the opponent's pieces (→ **White**) blocked inside into your pieces (→ **black**). Your game will continue until there is no place to change the opponent's pieces into my pieces.

++Keys used in the game:

- | | |
|------------------|---|
| Up | - Number Key '2' or Soft Navigation Key 'Up' |
| Down | - Number Key '8' or Soft Navigation Key 'Down' |
| Left | - Number Key '4' or Soft Navigation Key 'Left' |
| Right | - Number Key '6' or Soft Navigation Key 'Right' |
| To place a piece | - Number Key '5' or Soft Right Key |
| To end the game | - Asterisk Key '*' + End Key or just End Key |

++How to calculate the score:

Each piece is counted as a point. Therefore, the total numbers of my pieces are my total score.