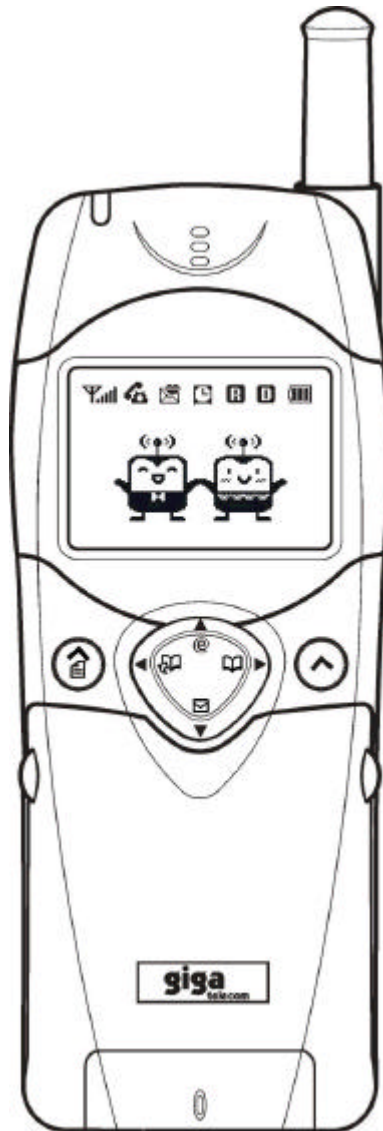


GDM-100

USER MANUAL

This is a draft version printed in Korea. - 2001/4/21 -



5th Floor Sewha Bldg., 156-3 Samsung-Dong, Kangnam-Gu, Seoul, Korea

[Http://www.gigatelecom.com](http://www.gigatelecom.com)

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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 (RF) 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 using the Giga Telecom's belt-clip/holster to provide a separation distance of 0.8 inches from the body. To comply with FCC RF exposure requirements, use only Giga Telecom's approved accessories. When carrying the phone with the power on, use only the specific Giga Telecom's belt-clip that has been tested and approved for compliance. The use of non-Giga Telecom approved accessories may not comply with FCC RF exposure requirements and should be avoided.

For more information about RF exposure, please visit the FCC website at www.fcc.gov

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.

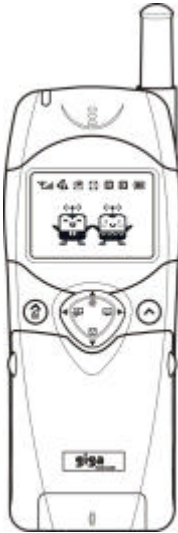
- 1. DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.**
- 2. DO NOT abuse the equipment. Avoid striking, shaking or shocking. When not using the unit, lay down the unit to avoid possible damage due to instability.**
- 3. DO NOT expose this equipment 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 CONFIGURATION

System configuration and the equipment list are as shown below.

Handheld Portable

Telephone



Battery



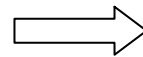
User Manual



Charger



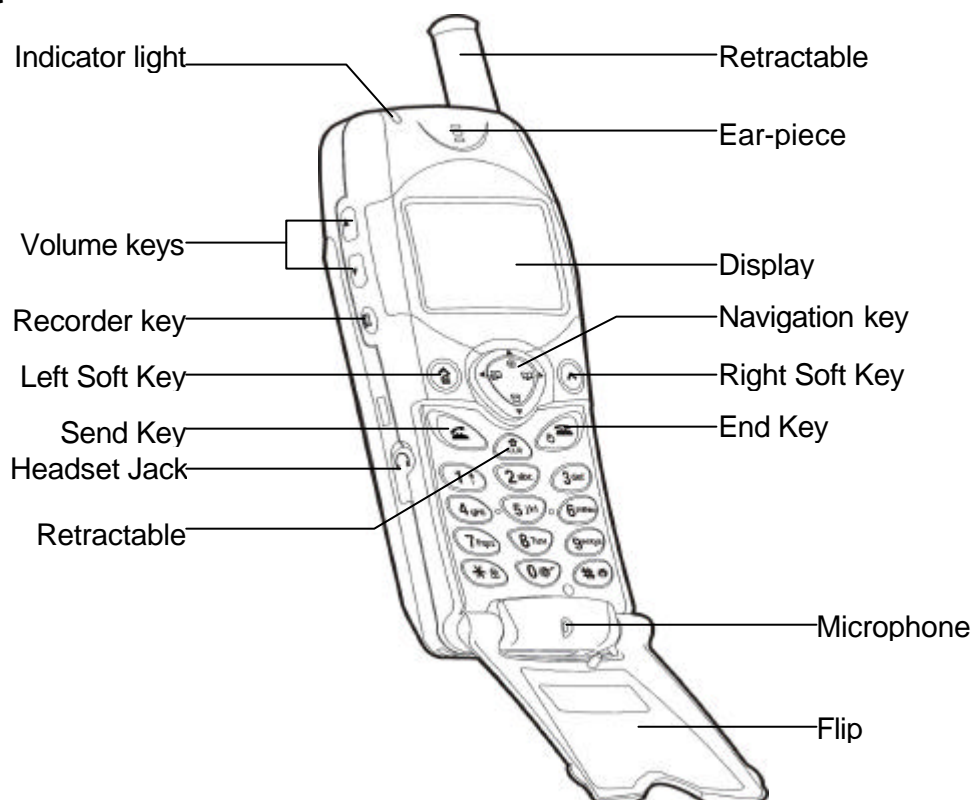
Wrist Strap



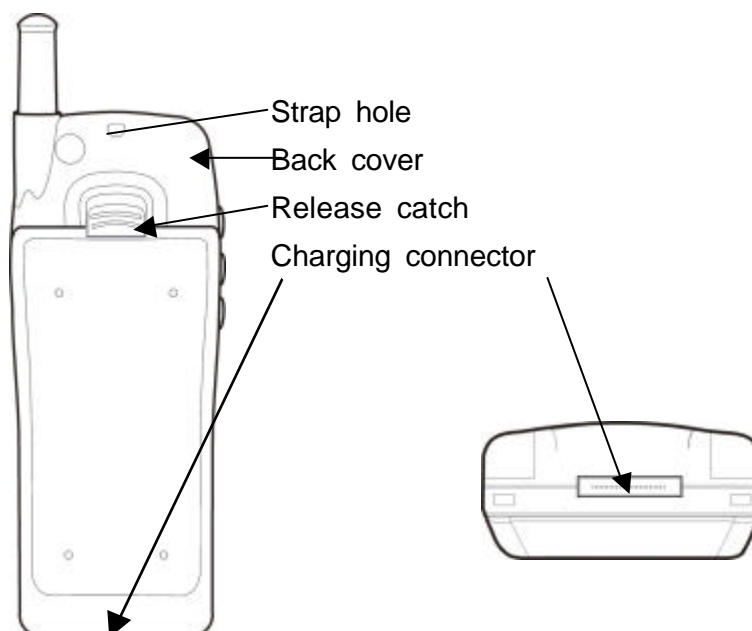
Phone Layout

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

Front



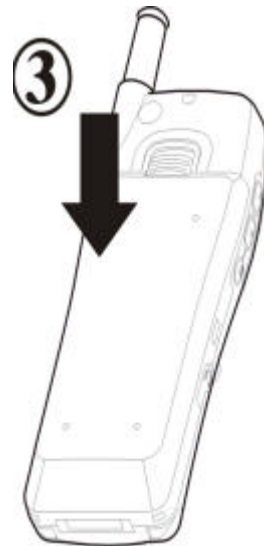
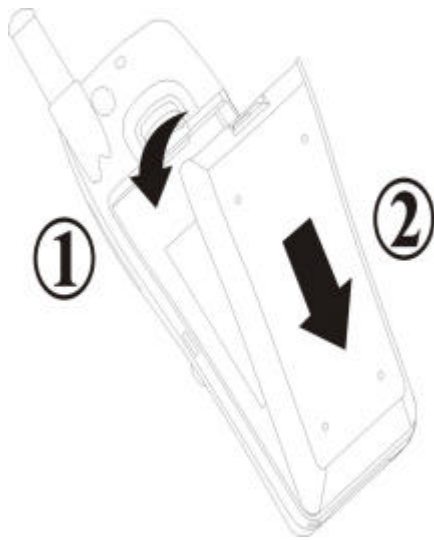
Back



USING THE BATTERY

Installing the Battery Pack

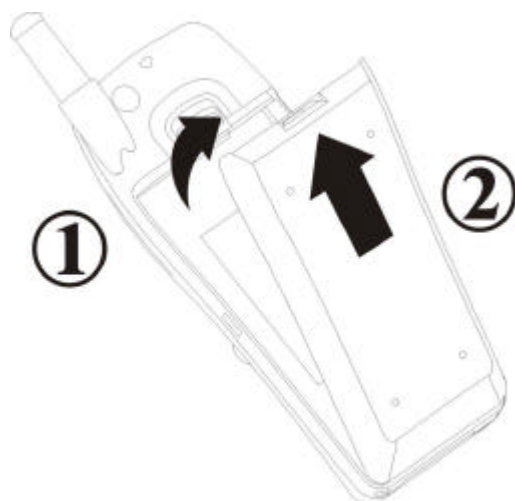
1. Insert the hook at the end of the Battery Pack into the slot at the end of the phone.
2. Press the Battery Pack down to lock the Battery Pack onto the phone.
3. Press the battery down until you hear a click.



Removing the Battery Pack

If you want to remove the battery, proceed as follows:

1. Make sure to turn the power off before removing the Battery Pack.
2. Slide Back the Release Latch as shown below.
3. Lift up to remove the Battery Pack from the phone gently.



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.

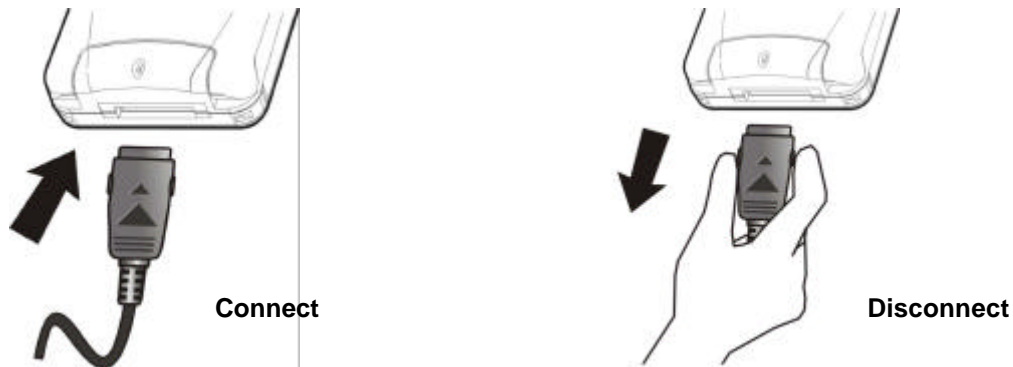
Recharging the Battery

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

: Full out the Connector from Phone with pushing both side buttons on 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 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</p> <p>Search for phonebook with address. [SRCH]</p> <p>In the menu facility, returns to the previous menu level. [PREV], [CANL]</p>
	<p>Soft right key</p> <p>In condition of flip closed, enters the Short Messages menu. (→On the Flip Closed, enters the Messages menu. [MSG])</p> <p>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.</p> <p>Navigation-right key: To scroll through menu, lists and text</p> <p>Navigation-up key: To connect a WAP. To scroll through menu, lists and text.</p> <p>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</p> <p>Makes or answers call.</p>
	<p>Clear key</p> <p>To delete numbers and letters from the display.</p> <p>To delete an item from a list.</p> <p>In the menu facility, returns to the previous menu level.</p>
	<p>End/power key</p> <p>Ends a call.</p> <p>Switches the phone on or off when pressed and held</p> <p>In the menu facility returns to the idle mode and cancels your input</p>
0-9 key	Enters numbers, letters and characters.
	<p>Enters *character.</p> <p>In the idle mode, enters the lock mode when pressed and held.</p>
	<p>Enters number '0</p> <p>Prefix of an international call - speed dial</p>
	<p>Enters # character.</p> <p>In the idle mode, quickly changes to Etiquette mode when pressed and held.</p>
	<p>Side up key and side down key.</p> <p>Adjusts the earpiece volume and the microphone volume during a conversation.</p> <p>Adjusts the key ringer volume in the idle mode.</p> <p>To scroll through menus, lists and text.</p>
	<p>Voice memo key.</p> <p>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 at the same time.


When the system locates services, the greeting message displays along with the date and time. You can now place and receive calls.

If the system cannot locate service, the greeting message displays without the date and time.

In this case, you cannot place and receive calls. You can try later when service is available.

3. When you wish to turn the phone off, hold down  **key** for more than one second.

+Locking or unlocking the your phone:

Lock: In standby mode, press and hold  **key**.

Unlock: Press and hold  **key** and enter secrete number (4 digits).

Initial values are "0000".

When the phone is locked:

+The indicator [] is shown.

+You can answer, end a call in the normal way.

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

+Antenna Position

The antenna can be used in its fully extended or fully retracted position only. It is recommended that the antenna should 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 you can take advantage of any of these network Services, you must subscribe to these service(s) from your home service provider and obtain instructions for their use.

+How to Input characters

Press a number several times until the desired letter appears. (A number ahead of “P” means how many times you should press until the desired letter appears.)

At first, a capital letter appears when a character has been entered. You can 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. If you make a mistake, press  to correct last letter you 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 you can enter as follows.

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

You need to use Navigation up key and Navigation down key to find desired letters.

++How to input Portuguese/Espanola

To enter **Portuguese/Espanola**, 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	Đ						
Small	3	đ						
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 you can make and receive calls, you need to turn “on” the phone and be within range of a network.


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

If you make a mistake, press  **Key**.

2. Press  **Key** and wait for the answer.

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

TIP: Redialing Last Outgoing Number - In standby mode, press  **Key**.

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

+Receiving Calls

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


To answer an incoming call,


1. Extend the antenna completely for best performance.
2. To receive an incoming call, you can 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 you touch the antenna in the conversation, your phone's call quality is fallen off.



++Ringer Silenced


Before the answer the incoming call, if the flip was closed, press  **key**.

If the flip was opened, press  **key**.

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

++Etiquette Mode

You can switch your phone to etiquette mode by pressing  **key** for a while. Press and hold the  **key** until the vibration icon appears and “Switching to Etiquette Mode” display appears. Your phone is switched to the etiquette mode immediately.

Press and hold  **key** for a whole again to return to terminate the Etiquette Mode.

+Emergency Dialing

Even if your phone is locked, you can place Emergency Dialing.

1. There is (are) different pre-defined emergency number(s) for each country saved in your 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. And you can save and edit 5 emergency numbers in you. (Menu-2-7)
3. Dialing emergency number you saved: #+Emergency call address (1~5)+send.


USING VARIABLE FUNCTIONS


+Making Calls From a Phone Book

You can save the phone numbers called regularly in memory, called the Phone Book. Each memory location allows storing up to four phone numbers and one E-mail address under one person's name. You then simply recall the number to dial. Your phone can store up to 190 names and numbers.






There are several ways to access up to 190 numbers in your Phone Book Menu. Follow the steps outlined in the sections blow.

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

1. In idle mode, enter the phone number you want to store and then press the  [STO] key.

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

The phone book entries are displayed.

2. Enter a memory number (001-190) and  key. If you not assign a memory number, your phone does it automatically.
3. Enter memory number (001-190) and press  key. [OK]
4. You are asked to select a label. The following labels are available: home, work, mobile, and pager label. After selecting the label, press  [SEL] key.
5. Select a group and press  key [SEL].
6. Select whether set a Voice Dial or not then press  key [SEL]. -> Saved.

++Erasing a name and phone number

To clear label: You can clear label that you desire to erase.

After moving the place you want to clear using Navigation key,

Press  key.

To clear memory location: You can clear the memory location that you desire to erase.

After moving the place you want to clear using Navigation key,

Press  key.

To clear whole phone book: Press  key [MENU]+6+5+1.


++Making people groups (MENU-2-5): You can save your persons by grouping.

You can make 8 groups including Secret group. You can't clear secret group but change bell sound. Each group has different sound. (Network Service)

++Adding a stored name and phone number:

Once an entry has been added to your Phone Book, you can enter multiple phone numbers to that entry.

1. Select the memory location you wish to add to your Phone Book (Use search option)
2. Select the label to add ([empty]): Move the Navigation Key to desired label. Then Press


 Key [EDIT].

3. Enter phone number.

4. Press  Key [STO].

++Editing an Existing Phone Book Entry:

1. Select the entry you wish to edit (Use search option)

2. Highlight the feature you want to edit and press  key [EDIT].

3. Follow the phone's intuitive prompts.

4. You can edit name, phone number, E-mail, turbo dial, Voice dial, Group, Ring tone.


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

++Reviewing all memory location

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


2. You can review all numbers stored in your Phone Book in memorial order.

3. Use your **Navigation Key** to scroll through the Phone Book entry list.

4. Press  **key** 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 the  **key+2+7key**.

2. Enter an emergency number if you want to store.


3. Press **soft right key**.

NOTE: You can make an emergency call like this in stand -by mode. (Press # + Emergency

location (1~5)+  **key**.)


++Current Memory Status

You can check the Memory Status in your phone.


In stand-by mode, Enter the  **key+2+8key**


++Storing the International Telephone Number

You can save International Call Service number you liked.

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

2. Enter Number you want to store.

When you are making an international call, press and hold  **key** then you can see the stored prefix of International Call Service number at the LCD, and press rests of the number


(country number, local number, and personal number) and  **key.**

++Indicating My Phone Book Number

You can see your own phone number.


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

++Finding a number using a person' s name



1. Press  **key+2+2 key** in the idle mode.

2. Press the name of the person you are looking for and then the screen shows the number of the name stored in the Phone Book. Even if enter the first letter of the name, 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  **key** to dial the stored number.

++Finding the name using Navigation Key


1. Press  **key +2+3 key** in the idle mode then enter memory location and press  **[OK]** key.

2. The screen shows the entries stored in the Phone Book in memorial order.

3. Use the **navigation key** to find the desired memory and press  **key.**


4. Press  **key** to dial the stored number.


++Finding a number using phone number (if you know at least one digit)

1. Press  **key + 2+4 key** in the idle mode, and then enter phone number and press

 **key.**

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  **key.**

5. Press  **key** 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 you have stored phone numbers in the phone book memory, you can dial them easily whenever you want. This feature gives you just one-touch access to numbers stored in the first nine memory locations, 01-09. (Two-touch access to memory location, 10-99: Three touch access to memory location, 100-190)

For example, press and hold a key, 01 through 09, and your call is placed.

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

++Abbreviated Dialing (One -Touch Dial)

Memory locations 01 through 09 are special one-touch locations. You can dial the phone numbers stored in the Phone Book memory from 01 through 09 simply by pressing the corresponding button.

For example: Location no. 008

Press and hold **8key**.

Or **Press 8key** and **send key**.

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

++Two – Touch Dial

You can dial the phone numbers stored in the Phone Book memory from 10 through 99 simply by pressing on two buttons.

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

For example: Location no. 018

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

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

++Three – Touch Dial

You can dial the phone numbers stored in the Phone Book memory from 100 through 199 simply by pressing on three buttons.

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 key** and **2 key** briefly and then hold down **3 key**.

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

+Voice Dialing

You can call up to 20 stored entries by calling the name. Using the voice dial option requires that you first make the phone to recognize the name of the person who you are calling.

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

1. First, flip open

2. Press  **key**.

3. After prompt, say a saved voice tag that you want to call.

For more information, see menu-7 Voice service.


++Note:

1. Avoid recording similar names
2. Avoid recording in the noisy place
3. Speak to the phone clearly and naturally
4. Avoid very long name and short name
5. Record the name again if a voice dial entry is not connected properly.

+Missed Call Notification:


If you are unable to answer a call for any reason, you can find out who was calling you by viewing Missed Call service. This way, you can call the person back simply by pressing


 **key.**

The number of time missed calls is displayed on the idle screen immediately after the call was missed. Press  [OK] key back to the stand-by state.

When this network service is activated, you can see the missed call number in the incoming call list

+Auto Machine (Automatic Answering Mode)

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

 **key**, Automatic Answering is set.


IN-CALL OPTIONS

Your phone provides a number of functions that you can use during a call. You may not utilize all of these functions 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

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

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

+Number Memo

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

After call, you can see the number memo 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 press **4key**.

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

You can access the **Phone Book** menu.

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


+Indicating My Phone Number


During a conversation, you can see your own phone number by pressing  [MENU]

key+  **key**.

+Voice Recording

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


To record voice recording, press  **key**. The message "Recording" displays, along with the timer display.

To stop recording, press  **key** again.

+Adjusting the Volume during conversation

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



Press  **key** to increase decrease the volume.

In the idle mode, you can adjust the ringer volume using the same keys.

USING NETWORK SERVICE FEATURES

+Call Waiting

You can answer an incoming call while you have a call 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: You need to ask how to use Call Waiting Service because it depends on each individual carrier.

+Three-Way Calling

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

You are billed airtime for each outgoing call separately.

Contact your service provider to activate Three-Way Calling.

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

+Using Caller ID

Caller ID makes you know who's calling through displaying the number that the person is calling when your phone rings. If the caller's name and number are already stored in your Phone Book, the corresponding name appears with the number.

Contact your service provider to activate Using Caller ID

VOICE MAIL AND SHORT MESSAGE SERVICES (SMS)

+About Short Message indicators

You can see these indicators in Short message menu. (Navigation-down key-2)



: Appears after you check your message.



: Appears when you received it by pagers.



: Appears when your message is locked. If the message is locked, you can't

clear it.

+Knowing When You Have Messages

If your system supplier provides this service, your phone has the function to receive voicemail notification and text messaging service, which is displayed in your 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, you have to clear existing messages to receive new messages.

Or

If you don't want to receive additional new messages, you can 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. And you will see  icon.


You can choose your phone's alert. For Incoming Alert option, press **Navigation-down key+5+1**.

If you set the contents mode in the display mode option (**Navigation-down key+5+2**), you can check a new message with **Navigation-down key** at once.

+Checking Voice Messages

When you receive a voice message, the screen displays the time, date and the number of new, unheard messages. And you will see  icon.

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

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

You can connect your VMS (Voice mail Server) Access Number just pressing **Navigation-down key** for a while. However, you need to check 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

Your phone can receive text messages just like a pager.

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


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


If the message includes a call back number, you can call that number by pressing the



key to dial the call back number.

++Lock a Short Message

When a Short Message is opened, you can lock it. Press  key then you will see

that the indicator is changed from  to .

+Sending messages

You can transmit text messages, pages and store the messages you have transmitted.

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

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 number you want to be called back.

Or

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

You can also forward messages you received by using the **Navigation-down key+3+3key**.

++Numeric Paging


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

Enter the desired destination address number and the number you want to be called back.


++Phone book


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

You can transmit a saved number in your phone book to a third party.

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

If you want to send all information of it, press  [DONE] when the cursor is at the name field.

If you want to select some part of label, move with Navigation key and press  [SEL].

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

Enter the desired destination phone number and the number you want to be called back.

++Note

Press **Navigation-down key+3+6key** in the stand-by mode.

You can transmit a saved Personal note in your phone.

You can add new contents on your Personal note (Menu key+ 5+4key).

After highlighting Memo you want to send, enter the desired destination phone number and the number you want to be called back.

++Clearing Messages

You can erase selected messages (Text Msg / Send Msg / Mailbox) you have transmitted.

Press **Navigation-down key +4key**.

Select Item you want to clear using Navigation key and Press  Key.

++Message Setup

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

+++Incoming Alert

You can adjust alert tone sounds (Once / Once every 2 minutes / Lamp) by pressing the **Navigation-down key+5+1key**.

+++Display Mode

If you set the Contents mode, you can check a new message with **Navigation-down key** at once when you received new message.

Pressing the **Navigation-down key+5+2key** to this option.

+++How to Send

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

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

+++Memory Full

Press **Navigation-Down key+5+4key** in stand-by mode.

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

Or

Rej received: If you want to reject every incoming new message, you can set this option.

+++UP Browser

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

Press **Navigation-Down key+6**

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

When you turn your phone on, you are asked if you wish to use the phone or access the Internet. The soft keys may vary, depending on your service provider

+Managing Calls History

You will find your recent call history list. This is a list of last 20 phone numbers for call you placed and 20 phone calls you received. 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 lets you view the received calls.

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

Press  [MENU] **key+1+1key**

++Outgoing (Indicates a call you placed)

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

Press  [MENU] **key+1+2key**


++Air Time

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

Press  [MENU] **key+1+3key**

1. Last Call (time): duration of the last call
2. Home Calls: Number of all home calls and its duration of times
3. Roam Calls: Number of all roam calls and its duration of times
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 when you need to handle your busy schedule. Press  [MENU] **key+3key**.


Schedule menu enables you to manage personal information such as Appointments, Alarm, Anniversary, Schedule, To Do List, and D-Day

+Appointed Time

You can set the alarm to ring at an appointed time within 24hours. After setting the alarm, you can check the left time (menu key+3+1key-see left time-ok).

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

To set the alarm, proceed as follows,

 [MENU] **key+3+1key**

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

Press  **key**


+Alarm

You can set the Alarm to ring at a specific time. Proceed as follows.

Press  [MENU] **key+3+2key**

Select alarm **Yes**.

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

Enter the desired time, and then press  **key**.

[ALARM] displays on the screen when it is alarming and your phone rings for a minute.

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

++Selecting alarm sound

You can select a unique alarm sound from 7 different melodies.


Press  [MENU] **key+3+0 key**


+Anniversary

You can save up to 10 anniversaries.

++Setting the Anniversary

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

1. Enter an Anniversary name and then press  **key**.


2. Enter an Anniversary Time and then press  **key**.


3. Enter a Schedule Alarm and then  **key**.

++Editing the Anniversary

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


+Schedule


You can save up to 10 schedules. Press  [Menu] key **+3+8 key** at first.


Highlight the date you desire to schedule. Next, Press  key and enter Schedule Contents.


++Entering the Schedule 1

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

Enter Schedule Content and then press  [OK] key.

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

Enter a Schedule Term and then press  [OK] key.

Enter a Schedule Alarm and then press  [SEL] key.

++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


You can save up to 10 To Do Lists.


++Creating the To Do List

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

1. Enter a "To do Content" and then press  [OK] key.

2. Enter a "To do Term" and then press  [OK] key.

3. Enter a "To do Condition" and then press  [OK] key.

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

++Editing the To Do List

If a task is already defined in the To Do List, it is displayed when you select the To Do List


menu option. Press  **key** to edit the content.


+D-Day

++Setting the D-Day


Press  **key + 3+ 6 key.**


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] key.**

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

++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. Press  **[SEL] key** to edit the content.

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

+Time Signal

If you want to set the Time Signal,

Press  **[MENU] key + 3+7 key.**

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

+Calendar

Press  **[MENU] key +3+8key.**

You can see the monthly calendar from year1980 to year 2099.



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] key +3+9key.

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

+Alarm Sound

Press  [MENU] key+3+0 key.

You can choose 1 melody among 7 melodies. It is convenient to distinguish your Alarm Sound from bell sound because it is different from bell sound.

SOUND

Press  [MENU] key + 4key.


You can use the **Sounds** menu to customize various sound settings.

+Ring Tone

Press  [MENU] Key + 4+1key.

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

Press  [MENU] **key+4+2key**.

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

Press  [MENU] **key+4+3key**.

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

This option allows you to adjust the ringer volume from one to nine levels. You can also turn the ringer off.

The higher the graph, the louder the volume is.

+Key Volume

Press  [MENU] **ht key +4+4key**.

This option allows you to adjust the tone volume that the keypad generates when you press a key.

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

You can adjust the key volume from one to nine levels. You can also turn the ringer off.

The higher the graph, the louder the volume is.

+Tone Length

Press  [MENU] **key+4+5 key**.

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

+Voice Volume

Press  [MENU] **key+4+6key**.

You can adjust the voice volume from one to nine levels. The higher the graph, the louder the volume is.


+Microphone Volume

Press  [MENU] **key+4+7key**.

You can adjust the microphone volume from one of nine levels. The higher the graph, the louder the volume is.

+Alert

++Connect Tone

Press  [MENU] **key+4+8+1key**.

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

++Fade Alert

Press  [MENU] **key+4+8+2key**.

You can set your phone to sound the fade alert when a call is disconnected or dropped.

++Minute Beep

Press  [MENU] **key+4+8+3key**.

With this menu option set to **check**, the phone sounds an alert 10 seconds before each elapsed minute to remind you of the length of the current call.

++Roam Alert

Press  [MENU] **key+4+8+4key**.

You can set your phone to sound the roam alert when your call is roam status to the system.

++SVC Alert

Press  [MENU] key + **4+8+5** key.

With this menu option set to **check**, the phone beeps when you exit service area or when you return to a service area.

You can adjust a SVC Alert volume

UTILITIES

+Calculator

Press  [MENU] key + **5+1** key.

You can use the phone as a calculator. 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 $A[+, -, \times, /]B \rightarrow A$ to $B[+, -, \times, /]A \rightarrow B$. And then you can continue calculate with that result of calculation.

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

+World Time

Press  [MENU] key + **5+2** key.

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

The screen shows the:

- City name
- Current date and time


+Convert Unit

Press  [MENU] key + 5+3key.

You can use the phone as a unit converter.


You can use the **Convert Units** such as **Length, Area, Volume, Weight, Speed,** and **Temperature.**



++How to make a Unit Conversion

1. You can select the desired unit through  [UNIT] key.
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] key + 5+4 key+(Select [Empty]) press  [SEL].



1. Input the item name, press  [OK] soft right key.
2. Enter the data, press  [OK] key.

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


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


+Stop Watch

You can use the phone as a stopwatch.


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

On operating the stopwatch,

3-1. To stop, Press the  [STOP] **Key**.

3-1-1. If you press  [STRT] **key** again, you can check the cumulative time.

3-1-1-1. If you press  [SPLT] **key**, you can check the split time.

3-1-2. If you press  [INIT] **key**, you can return to the initial situation.

SECURITY

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

+Lock

When your phone is locked, you can only make emergency calls or receive incoming calls.

All other functions of the phone are disabled.


If you forget your lock code, take your phone to the nearest Service Center

Press  [MENU] **key +6+1key**.

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

Off: the phone remains unlocked.

Always: the phone always locks.

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

Press  key + Security Code, and your phone is unlocked.

+Restrict

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

For your protection, you must choose the restriction option to restrict International Phone and Phone Book.

Press  [MENU] **key +6+2+1key**.


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

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

International call: international calls cannot be connected.

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

+Hide Data


Press  [MENU] key +6+3key.

You can secure your 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.

+Lock Code

Press  [MENU] key +6+4key.

You can change your current lock code to a new one. The lock code is preset to 0000 at factory.

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

+Clear Memory

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

Press  [MENU] key +6+5key.

+Reset Phone

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

Press  [MENU] key +6+6key.

Place the scroll bar at OK Enter  [OK] key.

VOICE SERVICE


You can make phone calls up to 20 stored entries by saying a voice tag that has been 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, you have to register Record User Command menu

(You can enter  [MENU] **key +7+6key**) by saying your own voice command.

This option allows you to register voice on your phone book menu (You can enter

 [MENU] **key+2key** for subsequent voice dialing. The phone provides voice prompts and screen displays to guide you through the recording process.

Respond to the prompt by saying the name you want 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 Phone Book, the number is displayed along with the record notification.

+Voice Dial List

Press  [MENU] **key +7+1key**.

You can check the desired voice dial list, already stored Voice dialing.

You can have 20 Voice tags.


+Voice Memo

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

++How to Record Voice Memo

Press  [MENU] **+7+2+2key**.

The screen displays the:

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

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] **key +7+2+1key.**

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

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


+Set Up Voice Dial

Voice Dialing is always active once you have recorded a name and have entered the

associated phone number. To place a call using Voice Dialing, simply press  **key.**

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  **key.**

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 allows you to erase all voice dialing entries.

Press  [MENU] **key+7+4key.**

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.



If you clear your messages one by one, press **Menu key+ 7+1key**. Highlight the voice dial and  **key** 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, you can set the Speaker “on” to “call screen menu”. Press

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

Press  **[MENU] key+9+7key** and select the time of “the phone automatically answers calls” option, then press  **[SEL] key**.

While the message is being played, you can take an incoming call by pressing the  **key** or  **key**.

Tip: Press  **key** 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] key+7+5+2key**.

However, if full voice memories, Auto Answer doesn't 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

You can hear formerly saved Greeting Messages.

Press  [MENU] **key+7+5+1key**.

+++The screen displays

Playing Greeting Message

And then, you can hear the recording message.

++Call Screen

If you set up speaker on 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+3key**.

+Record User Command

If you want to use the voice dial, you have to register **Record User Command** menu by saying your own voice command.

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

How to record user command

Press  [MENU] **key+7+6key**.

++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 saying the word you heard. 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 your voice was recorded successfully, you will hear the following message.

Training was successful.

You can use the Voice menu after completing the above procedures.

DATA SERVICES

You must buy Data Service Cable for Data Service at the place where you bought your GDM-100 mobile phone.

Press  [MENU] **key+8key**.

To send or receive data through the phone,

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

Voice: receives a call.

Modem: receives or sends data

Fax: receives or sends fax.

++NOTE: You must ask your carrier in your county how to use Data Service because Data Service depends on countries.

SET UP

+Auto Retry

Press  [MENU] **key 9+1key+“ 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] **key 9+2 key**.

If you set to “**Yes**” then, when you place a call the phone automatically makes prefix dialing.

+Back Light

Press  [MENU] **key+9+3key**.

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

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


Set up Seconds: The backlight comes on when you press a key or receives a call 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] **key+9+4key**.

You can set a greeting message (press  [MENU] **key+9+4+ 1**) to be displayed in the idle mode. It is preset to Giga.

You can change the greeting display type (press  [MENU] **key+9+4+2**) 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] **key+9+5key** 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 key.

If you set to "on" then, your 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 you press the  key 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 the  key only, if it is hard pause.

1. Press **Navigation-right and down key** you can 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 the  key

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

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

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

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

++ Prefix Dialing

Prefix Dialing allows you to alter a phone number in your phonebook by adding additional numbers. For example, if your 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  key.

Also, you can use this prefix dialing option while you check your SMS.

+Auto Answer Setting

Press  [MENU] **key+9 +7key.**

To set “automation answering” option

-Disable: Not use this option

-1ring after (5sec. After): You can answer an incoming call automatically after 1ring sounded.

-3rings after (10sec. After): You can answer an incoming call automatically after 3ring sounded.

-5rings after (15sec. After): You can answer an incoming call automatically after 5ring sounded.

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

Press  [MENU] **key+9+8 key.**

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

English

Portuguêse

Español

+Contrast

Press  [MENU] **key+9+9key.**

You can adjust the brightness of the LCD by using level 9 indicators.

+Select System

Press  [MENU] **key+9+#key.**

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

++Force mode

Press  [MENU] **key+9+#+1key.**

You can select the system service mode between CDMA and Analog. Each service mode allows you to select 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 you to register your phone on one of the networks, but use the facilities of the other if your own network is not available. This system priority feature allows you to program your phone for optimum operation when within your home service area or when outside your 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] **key+9+#+2key.**

There are four different roaming options:

Home Only: the phone uses your 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] **key+9+#+3key.**

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

Press  [MENU] **key+9+#+4key.**

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

You set the phone to the network you want to use. You can select a NAM from two NAMs.

GAMES

The phone allows you to take time out to enjoy a game.


Press  + * **key.**

+Game Start

Allow you to start game.

Press  [MENU] key+ *+1key.

+Game Level

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

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

And press the  [SEL] **key** to select.

+How to Play

Press  [MENU] key+*+3key.

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.