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# **OPERATING MANUAL (VP-5X)**

**Revision : 0.3**

**VACOM WIRELESS, INC**

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## IMPORTANT SAFETY INFORMATION

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

- ◆ **Save this manual** : it contains important safety information and operating instructions.
- ◆ Before using this product, please follow and adhere to all warnings, safety and operating instructions located on the product and in this User's Manual.
- ◆ **Do Not** expose the product to water or moisture.
- ◆ **Do Not** expose the product to extreme hot or cold temperatures.
- ◆ **Do Not** expose the product to open flames.
- ◆ **Do Not** allow objects to fall on, or liquids to spill on the product.
- ◆ Use only **Original Accessories**. Damage from use of non-approved accessories will void your phone warranty.
- ◆ Connect the approved charger only to designed power sources as marked on the product.
- ◆ To reduce the risk of damage, remove the electrical cord from an outlet by pulling the charger rather than the cord.
- ◆ Make sure the electric cord is located so that it will not be subjected to damage.
- ◆ To reduce the risk of electric shock, unplug the product from the power source before attempting any cleaning. Once unplugged, use a soft cloth dampened with water.
- ◆ **DANGER** : Never alter the cord or plug. If the plug will not fit into the outlet, have a proper outlet installed by a qualified electrician. Improper connection can result in electric shock.
- ◆ **Do Not** attempt to disassemble the product – doing so will void the warranty. This product

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does not contain consumer-serviceable components. Service should be performed only by Authorized Service Centers.

- ◆ **Do Not** remove the antenna. A detached antenna may be a choking hazard for children.
- ◆ **Do Not** allow battery to be placed in the mouth. Electrolytes could release and may be toxic if swallowed.

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# GETTING TO KNOW YOUR PHONE

## **LED Indicator**

: Flashes to indicate an incoming call or message. Also lights up (flashes) when you turn on the phone.

## **Backlit LCD Screen**

: The LCD screen contains three areas;

- The top line displays indications about your phone's operating mode.
- Two lines in the middle are the display area of numbers and characters.
- The bottom line displays menus.

## **Menu Keys ( ·· / ··· )**

: This key performs several useful functions.

- During incoming calls, press it to answer the incoming call.
- In Standby mode, press it briefly to access Main Menu and Select menus.
- When navigating a menu, press it to select the highlighted selection.

## **SMS Key ( )**

: When in Standby mode, press this key to access Message Menu items.

- During incoming calls, press it to answer the incoming call.
- From Standby mode, press it briefly to access Message Services.

## **Microphone**

: Your typical voice microphone for conversation and you can also mute the microphone during conversation by pressing "MENU" "3".

## **Accessories Connector**

: The location where you connect your charging device. It can also be used to connect a wireless data device or hands-free car kit.

## **CLR Key**

: This key is used to erase numbers or characters you may have entered incorrectly, or to return to a previous screen.

- To erase one character from the display screen, briefly press it once.
- To erase all of them, hold it for one second.
- To back up one menu level, press it once.
- To return to Standby mode, hold it for one second.
- **During a call, press it to control a earpiece volume.**

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**END/☎ Key**

: Press this key to disconnect a call or to return to Standby mode from any menu. Press and hold this key to turn the phone On or Off.

**SEND Key**

: This key performs several useful functions.

- Dial a number and press it to connect.
- Press it once to redial the last outgoing number.

**Numeric Keys**

: These keys are to dial and to input numbers and characters.

**◀ \***

: This key performs several useful functions.

- Change bells to vibration
- Use as navigation keys.

**# ▶**

: This key performs several useful functions.

- Use as instance lock.(Key lock)
- Use as navigation keys..

**Antenna**



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## DISPLAY INDICATORS

Display indicators appear across the bottom of your phone's LCD screen. These display indicators (or icons) will vary based your phone's operating mode.



Signal strength : This icon shows your current signal strength. More lines indicate more signal strength. Four lines indicate maximum strength, and one line indicates least strength.



Digital mode : This icon indicates your phone is operating in digital mode. If you are in analog service area, "D" will be disappeared.



No service indicator : This icon indicates your phone cannot find a signal because you're outside a service area. When this is displayed, you cannot make or receive calls. Wait a little while for a signal or move into an open area.



Roaming : This icon indicates you are "roaming" on to other carrier's service area. But you must resister the roaming service.



Home display



Etiquette mode on : This icon means that an incoming call will vibrate the phone rather than ring it. This feature is good for quiet situations where you don't want your ringer to disturb anyone. Also it indicates a vibrator on.



Message indicator : This icon indicates you have message(s) waiting. Press SMS Menu button to see the message menu, or press and hold to be connected to voicemail.



Alarm on : This icon means that you set the alarm On.



Battery strength : This icon shows the level of your battery charge. The more black bars you see the greater the charge. When the battery becomes very low, an empty box appears and the phone flashes an alert.

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## BATTERY INFORMATION

Your phone comes with a partially charged, rechargeable Li-ion Battery so that you can use the phone immediately after it is activated.

### **Installing the Battery.**

To put the battery into your phone :

1. Remove the battery compartment cover of the phone by sliding it down.
2. Put the battery pack into the battery cradle.
3. Replace the battery compartment cover by sliding it up towards the phone.
4. Before use, charge the battery pack for at least 3 hours.

### **Charging the Battery.**

You can tell whether or not your battery needs to be recharged by checking the upper-right corner of your phone's display.

When the battery charge level gets low, the battery sensor will let you know by blinking the battery icon and sounding a warning tone. If the battery level gets too low, the phone will turn off automatically. Unfortunately, if this happens you'll lose whatever you were just doing, including dropping your call. Watch the battery strength icon and make sure your battery is adequately charged.

### **Charging with the Traveler's Charger.**

Use only Compal Electronics approved traveler's chargers with your phone. Use of any unauthorized accessories may be dangerous and will invalidate the phone warranty if said accessories cause damage or a defect to the phone.

### **To charge the battery using the Traveler's Charger :**

- Plug the power cord of the charger into a wall outlet.
- Insert the connector of the charger at the bottom of the phone.
- Note) Be sure that you put the connector of the charger into the phone correctly. Failure to do so may cause damages to the phone.

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If you charge the battery, a green LED on the charger denotes that the battery has completed its charge cycle.

A completely discharged standard battery recharges fully in approximately tbd hours. The extended battery recharges in approximately tbd hours. Leaving your phone powered on during charging, or charging batteries simultaneously, increases charging time. Leaving the battery in the charger once it is fully charged does not harm the battery.

### **Turning your phone on and off.**

When you're ready to turn your phone on, press and hold "END/📞" until the LED comes on and the phone sounds. When the phone has found a signal, the "📶" icon appears. Once the phone is on, it enters Standby mode, which is the phone's idle state. You can make and receive calls now.

To turn your phone off, press and hold "END/📞" until the LED comes on and the phone sounds, then the display will go blank. When the phone is turned off, nothing is displayed on the screen.

Note : If "END/📞" is pressed for less than one second, the phone will not turn off. This helps your phone from being turned off accidentally.

### **Standby mode.**

Standby is the most basic state of your phone. The phone goes into standby mode soon after you turn it on, or whenever you briefly press "END/📞". When your phone is in Standby mode, you will typically see the banner (that's the message displayed when you turn on your phone). If you enter a phone number, you can press "SEND" to dial it, or press " \*\*\* " to save it in the internal phone book.

### **Power Save mode.**

Your phone comes with a Power Save feature that will automatically be activated if your phone is unable to find a signal after 15 minutes of searching. While this feature is active, the phone's battery charge is conserved.

The phone will automatically recheck for a signal periodically. To manually force the phone to

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recheck for a signal, press any key. A message on the display will let you know when the phone is operating in Power Save mode.

**Conversation Mode.**

You can place and answer calls only when your phone is powered on. During a call, the phone is in Conversation mode.

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## BASIC FUNCTIONS

### Making a Call.

To place a call :

Press and hold “END/” to power on your phone. If you see indicators on the display that means the phone is on.

Enter the phone number (up to 32 digits) by pressing the digit keys. The phone number displays from left to right.

Press “SEND”. The phone places the call to the entered phone number (if service is available).

You can also make calls ;

From your Diary (see “V. My Diary” on page )

From your Call Stack list (see “Using Caller ID” on page )

By using One- or Two-Touch Dialing (see “Speed Dialing” on page ).

### Ending a Call.

To end a call, press “END/”. The call time (length of the call) displays, along with the name or number of the called party (if available). The phone returns to Standby mode automatically.

### Answering a Call.

To answer an incoming call, press any keys. If your phone is registered in Caller ID, a caller’s phone number is displayed on the display. If a caller’s number is stored in Phone Book, the

caller’s name is displayed. (메뉴 중 call 을 받기 위한 키 설정 부분이 따로 있음) –

[menu2 + 4 \(phone setting 중 AnyKeyAns\)](#)

### Correcting Dialing Mistakes.

To correct a misdialed digit, press “CLR” to erase one digit at a time. You can erase all the digits at once by pressing “CLR” and holding it down for at least one second.

### Storing Phone Numbers

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Phone numbers for frequently used services are pre-programmed into your phone. To store a number,

- After dialing a number, press “ \*\*\* ” key. Then you can see “Location ??? / auto=001” on the display.
- Press [NEXT] ( \*\*\* ) to select location numbers or just press [OK] ( . . ).
- Then select “NAME” or “NUMBER EDIT” to store a name.
- If you want to edit a number, press “▶ NUMBER EDIT” and edit.
- Press [SAVE] ( \*\*\* ) to go back to previous menu (“NAME” & “NUMBER EDIT”).
- Press [SAVE] “ \*\*\* ” to save the number and name.
- For more information, see “V. My Diary” on page .

Note ) While you are entering numbers for storing or dialing a phone number, you can enter “Hard Pause”, “Time Pause” and “Hyphen”. To enter “Hard Pause”, “Time Pause” and “Hyphen”,

- Press “MENU ( . . )” when you want to enter them between numbers and select “1-HardPause”, “2-TimePause” or “3-Hyphen”.
- And continue entering numbers.

### **Adjusting Earpiece volume during a call**

To adjust Earpiece volume during a call,

- Press “CLR” to increase or decrease Earpiece volume.
- During a call, press “MENU ( . . )” key.
- Press “6. Call Vol”.
- Press “◀ \*” to decrease or press “# ▶ ” to increase Earpiece volume.

### **Last Number Redial**

You can redial up to 10 last numbers. If you want to redial the last call you made, simply press “SEND” once. Or if you want to redial the last 10 calls you made,

- Press “ \*\*\* ” and “1:Outgoing” on standby mode. Then you can see last 10 numbers on logs.
- Press “VIEW ( . . )” and “TIME ( \*\*\* )” key to see the time you called and the number or “VIEW ( . . )” and “SAVE ( . . )” to save a number in Phone Book.

- 
- Simply press “SEND” key to redial the number you select.
  - Or you can also find 10 last numbers by pressing “\*\*”, “1: Search” and “1: Outgoing” on standby mode.

### **Speed Dialing**

Once you stored phone numbers in your phone by using Phone Book, you can make a call by pressing One- or Two-Touch Dialing.

Press a location number you stored, then your phone automatically connect you to the phone number you want to call.

### **Using Caller ID.**

This feature tells you who is calling you by displaying the caller’s number when the phone rings. If a caller’s name and number are stored in your Phone Book, the corresponding name is also displayed. If you call someone who has this feature, your phone number will be displayed on their phone.

To see the last call numbers you received,

- Press “\*\*\*” and “2: Incoming” on standby mode. Then you can see last 10 numbers you received.
- Press “VIEW (.. )” and “TIME (\*\*\*)” key to see the time you received and a name if possible. If you want to save it, press “VIEW (\*\*)” and “SAVE (\*\*)” to save a number in Phone Book.
- Simply press “SEND” key to call back to the number received.
- Or you can also find 10 last numbers by pressing “\*\*”, “1: Search” and “2: Incoming” on standby mode.

Note :) if you didn’t register Caller ID service at your service provider or there is no calls you received, “No Numbers On The Call Stack” will be displayed when you press “2: Incoming”.

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# MENUS

## I. SEARCH MENU

### Last 10 numbers you dialed

- Press “MENU (.. )”, “1: Search” and select “1: Outgoing”. Then you can see the last 10 numbers you dialed. It is the same function as “Last 10 number redial” on page .
- Select one of them to see the numbers and the time you dialed.
- If you want to store it in Phone Book, press [SAVE] ( \* \* ). How to store a number, see “Phone Number Store” on page .
- Press “SEND” key to redial.

### Last 10 numbers you received

- Press “MENU (.. )”, “1: Search” and select “2: Incoming”. Then you can see the last 10 numbers you received. It is the same function as “Using Caller ID” on page .
- Select one of them to see the numbers and the time you dialed.
- If you want to store it in Phone Book, press [SAVE] ( \* \* ). How to store a number, see “Phone Number Store” on page .
- Press “SEND” key to redial.

### ABC Sequence Menu

You can find a number you stored in Phone Book by ABC sequence.

- Press “MENU (.. )”, “1: Search” and select “3: ABC sequence”. Then you can see the numbers you stored alphabetically.
- Scroll “◀ ” or “▶ ” and place the cursor on the number you want.
- Press “SEND” to dial.
- Or press “VIEW (.. )” to delete or edit.



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## Name Search Menu

You can find a number you stored in Phone Book by names.

- Press “MENU (.. )”, “1: Search” and select “4: Name”.
- Enter the name you want to call.
- If you don’t remember the full name, just enter the first letter of the name, then your phone will show you all similar names.
- Press “SEND” to dial.
- Or press “VIEW (.. )” to delete or edit.

## Location Search Menu

You can find a number you stored in Phone Book by locations.

- Press “MENU (.. )”, “1: Search” and select “5: Location”.
- Enter the location number you want to find.
- Press “SEND” to dial and/or choose “EDIT (.. )” to edit the phone boom and/or press “DEL (---)” to delete the number.
- If a number is not stored in the location, “Empty Location” is shown on the display.

## Search by Phone number

You can find a number’s information you stored in Phone Book by entering a phone number.

- Press “MENU (.. )”, “1: Search” and select “6: Number”.
- Enter the number you want to see. Then you will see the name and location.
- “FIND (.. )”키를 누르면 찾는 사람의 주소와 이름이 display 된다.
- Press “SEND” to dial.
- Or press “VIEW (.. )” to delete or edit.
- If the number is not stored in the location, a warning tone is sounded and “No Number Matches” is shown on the display.

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## **II. PHONE SETTING**

### **Back Light**

You can set backlighting of LCD display and the keypad to stay on or stay off continuously or automatically turn off in 7, 15 and 30 seconds. To set back light;

- Press “Menu (.. )”, “2. Phone Setting” and “1. Backlight”.
- Select “always off”, “7 seconds”, “15 seconds”, “30 seconds” and “always on”.
- Press “OK (.. )” to set.

### **Auto Answer**

The “Auto Answer” function lets the phone answer the call automatically when a call is incoming. It helps you to answer a call while you are driving. To set “Auto Answer”;

- Press “Menu (.. )”, “2: Phone Setting” and “2: Auto Answer”.
- Select “Release”, “Always” or “Ear-Mic”.
- Press “OK (.. )” to set.

Note ) Release : Auto Answer Off

Always : Auto Answer Always On

Ear-Mic : Auto Answer On when a headset is connected to the phone

### **Auto Redial**

The “Auto Redial” function makes a call be redialed after 5 second automatically if a call is not connected. To set “Auto Redial”;

- Press “Menu (.. )”, “2: Phone Setting” and “3: Auto Redial”.
- Select “Setup” for On or “Release” for Off.
- Press “OK (.. )” to set.

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## Anykey Answer

“Anykey Answer” function makes the phone answer a call by pressing any buttons or makes the phone answer a call by pressing only “SEND” button. To set “Anykey Answer”;

- Press “Menu (.. )”, “2: Phone Setting” and “4: Anykey Answer”.
- Select “Setup” for On or “Release” for Off.
- Press “OK (.. )” to set.

## DTMF Tone

You can set DTMF tone length as normal or long.

- Press “Menu (.. )”, “2: Phone Setting” and “5: DTMF Tone”.
- Select “Normal” or “Long” and press “OK (.. )” to save.

## Language

You can set Language 2 different types. (Spanish, English).

- Press “Menu (.. )”, “2. Phone Setting” and “6. Language”.
- Select “Spanish” or “English” and press “OK (.. )” to save.
- Press “OK (.. )” to set. (중복)

## III. SOUND MENU

### Incoming Calls

You can set incoming call's alert in 5 different types (Bell+Lamp, Vibration+Lamp, Bell→Vibration, Vibration→Bell, Lamp).

- 
- Press “Menu (.. )”, “3: Sound” and “1: Ring/Vib”.
  - Select “Bell+Lamp”, “Vibration+Lamp”, “Bell→Vibration”, “Vibration→Bell” or “Lamp”.
  - Press “OK (.. )” to set.

### **Ring Type**

This option enables you to set a ring type in 10 different bells and 10 different melodies.

- Press “Menu (.. )”, “3: Sound”, “2: Ring Type” and choose “1. Ring Type” or “2. Melody Select”.
- Scroll “◀ ” and “▶ ” to select. While you scroll, you can hear bells and melodies.
- Press “OK (.. )” to set.

### **Volume**

Volume option allows you to set the level of the ring volume, the key volume and the call volume.

- Press “Menu (.. )”, “3: Sound” and “3: Volume”.
- Select “Ring Volume”, “Key Volume” or “Call Volume”.
- Scroll “◀ ” and “▶ ” to increase or decrease the volume level.
- Press “YES (.. )” to set.

### **Alert**

#### 1. Connection

“Connection” option allows you to hear a tone when a call is connected.

- Press “Menu (.. )”, “3: Sound”, “4: Alert Setting” and “1: Connection”.
- Select “CALL CONNECT” on or off.

- 
- Press “OK (.. )” to set.
2. Call Drop
- “Call Drop” option allows you to hear a warning tone when a call is disconnected occasionally or when the caller hangs up the phone.
- Press “Menu (.. )”, “3: Sound”, “4: Alert Setting” and “2: Call Drop”.
  - Select “**CALL DROP**” on or off.
  - Press “OK (.. )” to set.
3. 1 Min. Alert
- “1 Min. Alert” option allows you to hear a tone every 1 minute while you are calling.
- Press “Menu (.. )”, “3: Sound”, “4: Alert Setting” and “3: 1 Min. Alert”.
  - Select “MINUTE ALERT” on or off.
  - Press “OK (.. )” to set.
4. Roaming
- “Roaming” option allows you to hear a warning tone when you move to other carriers’ service area, which you registered for roaming service.
- Press “Menu (.. )”, “3: Sound”, “4: Alert Setting” and “4: Roaming Alert”.
  - Select “**ROAM. ALERT**” on or off.
  - Press “OK (.. )” to set.
5. RoamRinger
- “RoamRinger” option allows you to hear a different ringer when you move to other carriers’ service area, which you registered for roaming service.
- Press “Menu (.. )”, “3: Sound”, “4: Alert Setting” and “5: RoamRinger”.
  - Select “**ROAM RINGER**” on or off.
  - Press “OK (.. )” to set.

#### IV. SECURITY FUNCTION

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Your phone provides many security options, including a user-programmable lock code and call restriction features. To access the Security menu in Standby mode, press “Menu (.. )” and “4: Security”. And enter the four-digit password.

Note : The password is “0000” if you don’t have your phone number yet or the last 4 digits of your number if you already have you phone number. If you want to change the password, see “Changing Password” on page .

### **Auto Lock**

Locking the phone limits all outgoing calls except calls to the three hard-coded emergency numbers (\*\*\*) .

You can lock the phone manually during use, or set the phone to lock automatically when it is turned on. When the phone is in Lock mode, you can answer incoming calls, but you must unlock the phone to place outgoing calls (except to emergency).

- Press “Menu (.. )” and “4: Security” and enter the password.
- Press “1: Auto Lock”.
- Select “SET AUTOLOCK” as “never”, “on power up” or “now”.
- Press “OK (.. )” to set.

Notes 1) “now” – you must unlock the phone to place outgoing calls.

“on power up” – the phone is locked automatically when it is turned on.

“never” – the phone is unlocked.

Note 2) Or you can simply lock your phone by pressing and holding “#” on standby mode. **It is a KEY LOCKED.**

### **Changing Password**

If you want to change the password,

- Press “Menu (.. )” and “4: Security” and enter the password.
- Press “2: New Code” and enter the new 4-digit password.

- 
- Press “OK (.. )”, then you can see “CONFIRM \_ \_ \_ \_”.
  - Enter the new password again and press “OK (.. )” to set.

### **Memory Clear**

Memory Clear option allows you to clear call lists, which you called, received and stored or all information in memory.

- Press “Menu (.. )” and “4: Security” and enter the password.
- Press “3: Memory Clear” and choose “Outgoing”, “Incoming”, “Stored #” or “Clear All”.
- Press “OK (.. )” to erase the memory.

### **Initialization**

“Initialization” let you initialize your phone. If you want to initialize your phone,

- Press “Menu (.. )” and “4: Security” and enter the password.
- Press “4: Initialize”.
- Chose “INITIALIZE **Yes**”.
- Press “OK (.. )”, then your phone display “– Initializing –”.
- And your phone will turn off and turn on automatically.

### **Voice Privacy**

“Voice Privacy” You can set “Voice Privacy” on or off.

- Press “Menu (.. )” and “4: Security” and enter the password.
- Press “5: VoicePriv.”.
- Choose “VoicePrivacy ▶ Enhanced” or “▶ Standard”.

- 
- Press “OK (.. )” to set.

### **Sending Calls**

“Sending Calls” You can set your phone to restrict outgoing calls.

- Press “Menu (.. )” and “4: Security” and enter the password.
- Press “6: Send”.
- Choose “OUTGOING ▶ release” or “▶ setup”
- Press “OK (.. )” to set.

Note ) Once you use this function, your phone would not work properly. Leave your phone as initially set.

### **Network(삭제)**

You can choose the network CDMA or Analog.

- Press “Menu (.. )” and “4: Security” and enter the password.
- Press “7: Network”.
- Scroll “◀ ” and “▶ ” to chose “Automatic”, “Only CDMA”, “Only Analog” or “Temp Analog”.
- Press “OK (.. )” to set.

Note ) Once you use this function, your phone would not work properly. Leave your phone as initially set.

### **System Change**

You can choose the systems.



- 
- Press “Menu (.. )” and “4: Security” and enter the password.
  - Press “8: System Select”.
  - Scroll “◀ ” and “▶ ” to chose “Standard”, “A only”, “B only”, “C only”, “D only”, “E only”, “F only” or “home only”.
  - Press “OK (.. )” to set.

Note : Once you use this function, your phone would not work properly. Leave your phone as initially set.

### **LCD contrast**

You can adjust LCD contrast.

- Press “Menu (.. )” and “4: Security” and enter the password.
- Press “9: Contrast”.
- Scroll “◀ ” and “▶ ” to chose 10 steps of LCD contrast.
- Press “OK (.. )” to set.

## **V. MY DIALY**

Your phone support you various additional functions, such as “Alarm”, “Number Storing”, “World Time View” and “Call Time”.

### **Alarm**

You can set the 24-hour alarm to sound an alert at the set time, when your phone is on. If the phone is off at the alarm set time, the alarm will not sound. To set the alarm;

- Press “Menu (.. )” and “5: Phone Book”.
- Select “1: Alarm Setting”.

- 
1. Daily Alarm : Once you set the alarm using “Daily Alarm” option, your phone will sound an alert at the set time everyday.
    - Once you select “1: Alarm Set”, press “1: Daily”. Then “DAILY ALARM” will be shown on the display.
    - Select “SETUP” and press [OK] ( · · )”.
    - Enter the time and AM/PM.
    - Press [YES] ( . ) to set.

Note ) If you don't want your phone alert you on weekend, see “Weekend?” below. And if you want to release the alarm setting, press “Menu(.. )”, “5”, “1”, “1”. Choose “release” and press [OK] ( . ) .

2. Once Alarm : Once you set the alarm using “Once Alarm” option, your phone will sound an alert at the set time once.
  - Once you select “1: Alarm Set”, press “2: ONCE”. Then “ONCE ALARM” will be shown on the display.
  - Select “SETUP” and press [OK] ( · · )”.
  - Enter Date, Month, Year, Time and AM/PM.
  - Press “YES ( . )” to set.

Note ) If you want to release the alarm setting, press “Menu(.. )”, “5”, “1”, “2”. Choose “release” and press [OK] ( . ) .

3. Weekend? : Once you set this option, your phone won't sound an alert on weekend.
  - Once you select “1: Alarm Setting”, press “3: Weekend?”. Then “WEEKEND SEL.” will be shown on the display.
  - Select “NO” and press [OK] ( · · )”.

Note ) If you want your phone alert you on weekend, select “WEEKEND SEL.” “YES”.

---

## Storing a Number and Name

You can store phone numbers and associated names in your phone's memory up to 100 numbers to use for Speed Dialing. Each number you store can be up to 32 digits in length, and names you store can be up to 12 characters in length.

A number and a name you want to store is stored in specific memory location together. And you can use Speed Dialing to press and hold the location number.

To store phone numbers and a name ;

- Press "Menu (..)", "5: My Diary" and "2: Number Store". Then you can see "Location ??? / auto=001" on the display.
  - Press [NEXT] (\*\*\* ) to select location numbers or just press [OK] (..).
  - Then select "► NAME" or "► NUMBER EDIT" to store a name or numbers. Press [YES] (..).
  - Enter a name and edit a phone number.
  - Press [SAVE] " \*\*\* " to save the number or press [OK] " .. " to save the name.
  - Then your phone will show you the result of storing and the total number of stored locations and empty locations.
1. NAME :
    - After you choose a location number, select "► NAME" on the display and press [YES] (..).
    - Enter the name and press [OK] (.. ) to store.
  2. NUMBER EDIT
    - After you choose a location number, select "► NUMBER EDIT" on the display and press [YES] (..).
    - Enter the phone number and press [SAVE] " \*\*\* " to store.

Note ) While you are entering numbers for storing or dialing a phone number, you can enter "Hard Pause", "Time Pause" and "Hyphen". To enter "Hard Pause", "Time Pause" and "Hyphen",

- 
- Press “MENU ( \* )” when you want to enter them between numbers and select “1-HardPause”, “2-TimePause” or “3-Hyphen”.
  - And continue entering numbers.

### **World Time View**

Your phone shows you world 77 cities’ current time. To access the world time view;

- Press “Menu (.. )”, “5: Phone Book” and “3: World Time”.
- [VIEW] “.. ”를 누르면 그 도시의 시각을 볼 수 있다.
- Use “◀ ▶ ” or [NEXT] “\*\*\*” to scroll cities.

### **Call Time**

The Call Time function shows the approximate duration of last call and total time in hours and minutes that the phone has been in used and the total number of calls made under the current phone number in the display.

- Last Call : Press “Menu (.. )”, “5: Phone Book”, “4: Call Time” and “1: Last Call”.

Then your phone indicates the approximate duration of last call you made in minutes and seconds.

- Home Calls : Press “Menu (.. )”, “5: Phone Book”, “4: Call Time” and “2: Home Calls”. Then your phone indicates the approximate total time in hours and minutes that the phone has been used in your provider’s service area.
- Roam Calls : Press “Menu (.. )”, “5: Phone Book”, “4: Call Time” and “3: Roam Calls”. Then your phone indicates the approximate total time in hours and minutes that the phone has been used in roaming area.
- All Calls : Press “Menu (.. )”, “5: Phone Book”, “4: Call Time” and “4: All Calls”.

Then your phone indicates the approximate total time in hours and minutes that the phone has been used in home and roam area.

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## **VI. MY NUMBER**

This option allows you to see your phone number and S/W version.

### **My Phone Number**

To see your phone number, press “Memu (.. )”, “6: My Phone Number” and “1: My Number”.

Then your phone number will appear on the display.

### **S/W version**

To see your phone number, press “Memu (.. )”, “6: My Phone Number” and “2: S/W version”.

Then your phone number will appear on the display.



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## MESSAGE SERVICES

Your phone can receive two types of message service – text messages and voice mail – and you can send a text message (SMS : Short Messaging Service) if these services are available from your service provider. If you subscribe to either or both services, callers can leave you text messages or voice mail. Your service provider then transmits the text messages and voice mail notifications to your phone.



### I. Text Message Services (SMS : Short Messaging Service)



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

When a new text message is received, your phone sounds an alert or vibrates and  is shown on the display. Once you read a new message,  is disappeared.

Note ) Your phone holds up to TBD messages or a maximum of TBD KB of message text.

#### Read Text Messages


If your phone is turned ON when it receives a text message, your phone sounds an alert or vibrates and  is shown on the display. You have a choice of reading the message immediately by pressing “” key or reading it later. To read a new message;

- Press “” key and “1: View MSG”.
- Select “▶ 1 Page/Msg” and press [YES] ( · · )” to see. Then the time you received, a sender, sender’s phone number and a new text message appear on the display.
- You can read the text message by scrolling “◀ ▶ ” keys.
- If you want to see a message which you already read, press “” key, “1: View MSG” and select “▶ 1 Old Msg”. Then you can see the message list on the display. Select a message what you want to see again and press [YES] ( . . ).
- If you want to call to a sender back, press “SEND ” while you are reading a message. Then “Call back #” appears on the display.

- 
- If you want to call, press “SEND” again. Or if you want to save sender’s number, press “SAVE (.. )”.


### **Send Text Message (SMS : Short Messaging Service)**

You can send a text message through your phone. To edit and send a text message;

- Press “” key and “2: Send MSG”. Then old message lists appear on the display below “▶ New MSG”.
- Select “▶ New MSG” to create a new message or old messages you sent before. In addition, there are 10 messages stored in your phone as “Yes”, “No”, “Call me”, “Need directions”, “Where are you?”, “Will call later”, “Busy”, “On my way”, “Will arrive 15 minutes” and “Thank you”.
- Write a new message or edit old and canned messages.
- Once you finish to write a message, press [OK] (.. ).
- Select “▶ New NUM” for a new number or the other phone numbers you have sent before.
- If you choose “▶ New NUM”, enter the dial number and press [OK] (.. ).
- Enter the receive number, which you wish a receiver to call to, and press [OK] (.. ).  
(There is your phone number displayed for the receive number)
- Choose “Priority” as “Normal”, “Interactive”, “Urgent” or “Emergency”.
- Choose “Delivery Ack” as “Yes” or “No”. (Delivery Ack 부분을 없애버렸음)
- Then your phone displays that a message is being sent.

### **Delete Messages**

You can delete a message one by one or delete all messages at once. To delete a message;



- Press [DEL] (...) key while you are reading a message or on the message list display.
- Or press “” key and “5: Erase All”.


- 
- Choose “1. Inbox” to erase all messages you received or “2. Outbox” to erase all messages you sent.
  - Then “Erase ?” appears on the display. Press [OK] (.. ) to erase the messages.

Note ) If you use “Erase All” option, it also erases voice mails.


## II. Voice Mail Service



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

If your phone is turned on when it receives a voice mail notice, your phone sounds an alert or vibrates and  is shown on the display. Once you listen a new voice message,  is disappeared.

Note ) Sometime  wouldn't be disappeared although you check the message already. It depends on service providers' system conditions.

### Listen Voice Mails

If your phone is turned ON when it receives a voice message, your phone sounds an alert or vibrates and  is shown on the display. You have a choice of listening the message immediately by pressing [SEL] “...” key or listening it later. To listen a new voice message;

- Press “” key and “1: View MSG”.
- Select “▶ 1 Voice” and press [YES] (.. ). Then the time you received, a sender and sender's phone number appear on the display.
- If you want to listen a voice message, dial “ X X X ”. Then you can listen the voice messages.
- If you want to see messages again, press “” key, “1: View MSG” and select “▶ 1 Voice”. Then you can see the voice mail list on the display. Select a message and press [YES] (.. ).
- If you want delete a message, press [DEL] ( \*\*\* ) while you are reading a voice mail list.
- If you want to call to a sender back, simply press “SEND” while you are reading or listening a voice mail.



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## Delete Messages

You can delete a message one by one or delete all messages at once. To delete a message;

- Press [DEL] ( \*\* ) key while you are reading a message or on the message list display.
- Or press “☒” key and “5: Erase All”.
- Choose “1. Inbox” to erase all messages you received including text messages.
- Then “Erase ?” appears on the display. Press [OK] (.. ) to erase all messages.

## III. Message Alerts

You can set message alerts in 5 different types (Bell, Lamp, Vibrator+Lamp, Bell+Vibrator, Bell+Lamp, Vibrator).

- Press “☒” key and “3: Message Alert”.
- Select “Bell”, “Lamp”, “Vib.+Lamp”, “Bell+Vib.”, “Bell+Lamp” or “Vib.”.
- Press “YES (.. )” to set.

Note ) “Vib. = vibrator”

## IV. Message Save

You can save message in 3 different types (Auto Save, Prompt, Not Save).

- Press “☒” key and “4: Message Save”.
- Select “Auto Save”, “Prompt” or “Not Save”.
- Press “YES (.. )” to set.

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## USING MEMU During a Call

### Sending My Phone Number

You can send your phone number during a call. To send your phone number;

- Press “Menu (.. )” and “1: Send My #”.
- Then your phone will dial your phone number automatically and you can hear the dial tone.

### Storing a Phone Number

You can store a phone number and a name during a call. To store a phone number;

- Press “Menu (.. )” and “2: Phone # Memo”. → “2: # Memo”로 수정

Note ) How to store a phone number and a name, see “Number Store” in “Phone Book” on page .

### Mute

To mute the microphone, press “Menu (.. )” and “3: Voice Mute”. And to release muting the microphone, press “Menu (.. )” and “3: Voice Mute” again.

### DTMF Mute

To mute the DTMF, press “Menu (.. )” and “4: DTMF Mute”. And to release muting the DTMF, press “Menu (.. )” and “4: DTMF Mute” again.

### My Phone Number View

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To see my phone number, press “Menu (.. )” and “5: My number”. And press “PREV ( -> )” to go back to previous display.

### **Earpiece Volume Control**

To increase or decrease Earpiece volume, press “Menu (.. )” and “6: Call Vol.”. Then you can increase and decrease by scrolling “◀ ▶ ”

### **Voice Privacy**

To set “Voice Privacy”, press “Menu (.. )” and “7: Voice Privacy”. Choose “Voice Privacy” as “Enhanced” or “Standard”.

### **DTMF Tone**

To set DTMF tone length as normal or long, press “Menu (.. )”, “8: DTMF Tone” Select “Normal” or “Long”

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## ENTERING LETTERS & NUMBERS

You can enter letters, as well as numbers, when storing numbers and names into your phone or sending a text message (SMS : Short Messaging Service) by using your phone's keypad. To enter letters, press the key associated with the letter you wish to enter until it appears on the screen (numbers also appear).

When you need to enter letters into your phone, it automatically switches to ABC mode. Once you enter letters, you enter a capital letter.

1. To enter a small letter, press [X → x] ( ··· ). Then [X → x] changes to [x → X]. Now you can enter a small letter.
2. To enter a number, press [x → X] ( ··· ). Then [x → X] changes to [NUM]. Now you can enter a number.
3. Inserting Punctuation Symbols & Special Characters : When in ABC mode, you can press “0 (OPR)” key and the following special characters appear. You can use these characters when storing names in your phone book or sending a text message.

! @ # % & \* < > - \_ + = : ” ’ ( ) / \ ? . , { }  
\$ [ ] ; ¡ ¢ << >>

4. While you are entering numbers for storing or dialing a phone number, you can enter “Hard Pause”, “Time Pause” and “Hyphen”. To enter “Hard Pause”, “Time Pause” and “Hyphen”,
  - Press “MENU ( · · )” when you want to enter them between numbers and select “1-HardPause”, “2-TimePause” or “3-Hyphen”.
  - And continue entering numbers.

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## FCC RF EXPOSURE INFORMATION

### ***Read this information before using your handset***

In August 1996 the Federal Communication 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. To comply with FCC RF exposure requirements, a minimum separation distance of 0.6 inches (1.5 cm) must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements 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](http://www.fcc.gov)*