



Hello,

Thank you for purchasing VK cellular phone.

Vk900 is a fabulous sliding type camera MP3 phone only for brilliant people. 2.6 million TFT LCD allows you to enjoy multimedia functions through clear and precise screen. The 40 poly brings you incredible sound that is almost similar to that of the original sound quality and it will be your take-out audio system. Vk900 is embedded with cutting edge camera that features 1.3 mega pixels, 4x digital zoom, self-timer function, and movie clip recording function. Memory card (Mini SD type) is adopted so that still photos and movie clips can be stored in additional memory. Take out your Vk900 to anywhere you go and take as many pictures as you like. You won't have to worry about storing the pictures you have shot ever again. Beautiful and convenient sliding phone with MP3 and perfect digital camera, there is virtually no competitor for Vk900.

Thank you again for choosing VK product and we hope you have greatest success in your business with Vk900.

Please read 'Safety Precaution' prior to use.

The content of this manual and functions of cellular phone are subject to change depending on the software version and conditions in business.

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PRIOR TO USE

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VK900

PRIOR TO USE

■ Safety Precaution



Please read safety precaution before using your cellular phone. Precaution contains contents that prevent users from potential health and financial hazards. Read carefully and use the product accordingly. If the following regulation stated in precautions is not followed, you may be subject to penalties or may cause illegal conditions. For more information, refer to 'Health and Safety Precaution' described in the appendix of this manual.



Traffic Safety

Do not use a hand-held mobile phone while driving a vehicle. Follow traffic related regulations while driving. Using hand-held device while driving can be direct and indirect cause of accidents. If it is necessary to use a hand-held phone, park the vehicle before conversing or use hands-free/ear-microphone.



Potentially Explosive Atmosphere

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions.



Switch Off While Refueling

Users are advised to switch off the phone while at a refueling point (gas station).



Switch Off in Aircraft

Electronic frequency generated from your cellular phone can influence electronic equipments that are not radio frequency shielded on an airplane and cause dangerous conditions.



Switch Off in Hospitals

Follow any regulations or rules in force. Switch off your phone near medical equipment. All wireless phones may be subject to interference that can influence the performance of medical equipment. Consult with the medial equipment manufacturer to assure the equipment is safe from high-frequency energy.



Special Regulations

Meet any special regulations in force in any area and always switch off your cellular phone whenever the use is forbidden such as concert hall, public area, and etc. Also, avoid using your phone where the use of phone can cause serious danger (hospital, potentially explosive area, while driving).

Effective Phone Usage

Please use your cellular phone for proper purpose. Avoid unnecessary contact with the antenna when the phone is switched on. It may deteriorate the conversation quality and may incur extra power usage.

Backup Data from Cellular Phone

Phone numbers, message and data stored in the phone book can be lost due to user's negligence. When cellular phone may be damaged and your data may be lost while repairing. Back up important data in safe medium. We do not take responsibility for damages incurred due to data loss.

Keep Cellular Phone in Dry Place

This cellular phone is not water-proof. Keep it in dry place.

Cellular Phone and Frequency Interference

All cellular phone are subject to radio frequency interruption. Radio frequency interference may influence the performance of your cellular phone.

Accessories and Batteries

Use only VK-approved accessories and batteries. If original accessories are not used, battery can explode or damage your cellular phone.



Approved Service Center

When repairing your cellular phone, use only VK approved service centers.

Emergency Calls

The cellular phone needs to be switched on and had to be in service area. If other functions are in use, finish the other function by pressing END key. Then, press emergency number and press CALL button. Describe your location and the emergency condition. Emergency call does not end until you hang up.

Unpacking



Cellular Phone



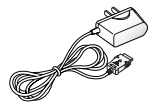
Battery



Desktop Charger



User's Manual



Traveler Kit



Hand Stra



Ear-microphone



PC Sync CD



Data Cable



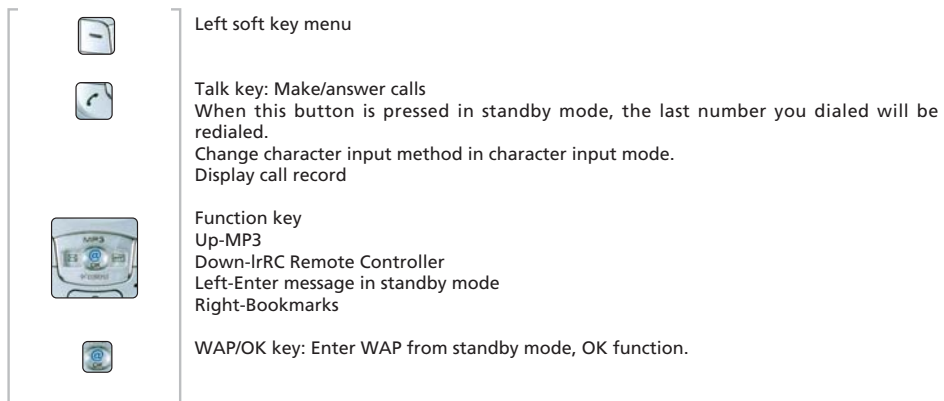
Mini SD Card Holder

Actual product may look different from the above picture

Phone Layout



Phone Description





Camera key: Enter camera mode.



Right soft key: Enter the left-bottom menu on LCD enter Phonebook from standby mode.



End key: Switch on/off, end call function end the selected function and return to the initial screen.



Dial key: Enter number and characters.



* key: Manner mode on/off.



key: Lock mode on/off.






















Cancel key: Delete number or characters return to the previous menu level.



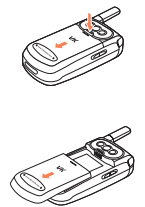
Volume key: Adjust the button volume from standby mode Conversation volume adjustment while speaking on the phone While slide is closed,(Up key-pressing for 2 seconds turns on LCD, Down key-pressing for 2 seconds turns on flash)

LCD and ICON description



-  Shows the received signal strength. [ : Strong  : Weak]
-  Appears when a call is in progress.
-  Appears when you are out of a service area.
-  Appears when call is diverted.
-  Appears when international roaming service is enabled.
-  Appears when your message box is full. [ SIM  Phone]
-  Appears when you have new or unread message.
-  Appears when you set the alert type for incoming calls to Vibration.
-  Appears when you set the alarm(s) to ring at a specific time.
-  Appears in GPRS service.
-  Shows the level of you battery.
[ Full  Deficient  Needs charging]

Inserting SIM Card and Battery



1. Turn off the power of cellular phone
2. Remove battery as shown in the figure below
3. Face the gold color contact point of SIM card towards the cellular phone and push in the SIM card into the slot.
4. Push in the battery as shown in the figure below.
 - 1) Align the battery as shown in the figure.
 - 2) Push in the battery until it makes 'Click' sound.
5. Switch on the cellular phone

Charging Battery



Using Desktop Charger

Align the battery with the charger as shown in the figure

Push in the battery until it makes 'Click' sound



Connect the traveler's kit to the desktop charger.

Plug in the traveler's kit into the power outlet

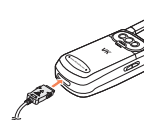


You can confirm the battery charging status with the LED color on the traveler's kit.

Red: In charging

Yellow: Battery may not be properly connected to the battery. Make sure battery is firmly connected to the charger

Green: Charging is complete



Charging with traveler's kit

Battery can be charged without desktop charger, thus, it is easier to take the charger with you.
Charging through traveler's kit may take longer than using the desktop charger.

Connect traveler's kit to the external connector of cellular phone



Connect the traveler's kit to the power outlet

You can confirm the battery charging status with the LED color on the traveler's kit.

Red: In charging

Yellow: Battery may not be properly connected to the battery. Make sure battery is firmly connected to the charger

Green: Charging is complete

BASIC FUNCTIONS

- Basic Operation
- Phone Book
- Writing Message


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BASIC FUNCTIONS

■ Basic Operation

Switching On/Off

Switch On: Hold down  button for 2 seconds or longer.


If no SIM card is inserted in the cellular phone, a message window that states no SIM card is inserted is displayed.

In this case, only emergency call can be used and the rest of functions cannot be used.

If you are asked with password, enter the password and press 'OK' button.

The default password is set to '0000'.

When your cellular phone is set to manner mode, the cellular phone vibrates as it is switched on.

Switch Off: Hold down  button for 2 seconds.

Making a Call/Answering/Hanging Up

Making Call

[Dialing]

1. Enter area code and phone number in standby mode.

2. Press  button

When you entered a wrong number, press cancel button to erase one number at a time.

Hold down the cancel button for 2 seconds to erase all entered numbers.

When the call receiver is on the line or did not answer your call, the number is automatically redialed.

[Making a Call from Phonebook]

You can make a call without entering phone number. Using phone numbers that are pre-stored, you can make a call.

Press the right soft key to enter the phonebook.


For more details on phonebook, see page 30.

[Latest Call List]

You can make a call using the latest call list.

1. Press TALK button shortly to display the latest call list in order of call time. Or, enter by accessing Menu ► 2.

Calls ► 1. Call History

2. Select desired phone number using up/down button of  key.


3. Press  button.

For more detail, refer to Call History on page 30.

[Speed Dialing]

You can make a call using speed dialing.

Using number keys from 2 to 9, hold down the pre-stored speed dial number for 2 seconds.

If the phone number is stored in your cellular phone, press the speed dial number. If the phone number is store on SIM card, press  first and press the speed dial number.

Speed dial number can be configured from 2 to 99.

For more detail, refer to Phonebook on page 30.



[Making an International Call]

1. Holding down 0 button for 2 seconds displays + symbol.

2. Enter the country code, area code, and phone number after + symbol.


3. Press  button.

Answering a Call

1. When there is an incoming call, either bell tone or vibration is activated depending on the configuration.
2. Open the slide or press  button.
3. To hang up, either close the slide or  button.

You can answer a call by pressing  button even when the slide is closed.

If a caller ID service is activated and if the incoming phone number is already stored in your phonebook, the name you have stored for the phone number is displayed.

If you do not wish to answer an incoming call, hold down  button that is located on the side of your cellular phone while the slide is closed. Silence mode is activated.

When you have equipped the ear-microphone, press a button on the ear-microphone to answer an incoming call. You can use the same button on the ear-microphone to end a call.

Hanging up

Close the slide or press  button to hang up.

Options During a Call

You can use a variety of functions while talking on the phone.

[Call Standby]

This function is available only when a network service is provided. When this function is used, Using this function, you can make a call or answer other calls during any time of call.

During a call, use either the right soft key or option key to enter the call option. Confirm that you have flashed back to the previous call and press OK button to go back to the previous call.

[Ending a Call]

End a call during a Call: this function ends the current call.

End a call on hold: This function ends a call on hold.

End all calls: This function ends both the current call and the call on hold.

Add a call: With this function, you can make a new call during a call.

Making Call

[Flash]

When there is a new incoming call, you can either answer the call or put it on hold. Also, you can switch the current call with the new incoming call.

[DTMF Function]

You can enter numbers and send it during a call.

In case where you need to enter a long sequence of numbers such as paging, ARS, or Telebanking, you can store the frequently used numbers (social security number or bank account number) to send them with greater convenience.

[Switching Microphone Off]

You can turn off the microphone so that the caller on the other side cannot hear you.

Select a call list and select 'Turn Mic Off'

When a call is ended, 'Turn Mic Off' function is automatically released.

[Phonebook]

You can search the phonebook during a call.

[SMS Function]

When this function is used during a call, you can send/receive SMS without hanging up a call.

[Conference Call]

This function is available when a network service is provided.

Up to 6 people can talk at a time.

For more detail, please contact your service provider.

[Private Call]

While using Conference Call function, you can use this function to talk to a specific person.

[Sending Out My Phone Number]

This function comes very convenient when you need to enter your phone number for paging or ARS calls.

[Using Menu Function]

Menu function can be used during a call. However, the available menu function during a call is limited.

For more detail, refer to Menu Tree on page 30.

[Volume Adjustment During a Call]

You can adjust the volume during a call using  button located on the side of your cellular phone.


The volume can be adjusted in five steps.




Missed Calls

Missed calls are displayed with the caller's phone number and how many times the caller had called you.
Press Cancel key to exit Missed Call window.
Missed call phone number can be edited, stored or deleted.
For more detail, refer to Call History on page 30.
Volume Adjustment

You can adjust the conversation volume using  button located on the side of your cellular phone during a call.

Open the slide in standby mode and press  button on the side of the cellular phone to adjust the button volume.

Press UP  key to increase the volume. Press DOWN button to decrease the volume.
For more information on opening/closing slide, power on/off, and volume, refer to Settings Phone on page 30.




Manner Mode

This function puts the cellular phone into manner mode. Bell tone and button sound are changed to vibration, ramp blinking, and silent mode.
In areas where etiquette is required, such as public area, concert hall, lecture hall, and conference room, this function is convenient.

Hold down * key to setup Manner Mode.

Hold down * button again to release Manner Mode.

When Manner Mode is configured,  icons is displayed on the screen.


When Manner Mode is set up, schedule/anniversary/alarm/message are notified through vibration.

When the cellular phone is turned off in Manner Mode, the cellular phone stays in Manner Mode when it is turned on later.

Using Ear-microphone

Ear-microphone frees your hand during a call.

To use ear-microphone, insert the ear-microphone into ear-microphone slot on the side of the cellular phone.

When there is an incoming call, press  located on the side of cellular phone, or press a button on the ear-microphone to answer the call.


Press to hang up.


MP3 Description

Standby Screen Function

Run the standby screen function using  and  keys.



 The left soft key executes function that left-bottom function points.
In standby mode, pressing this key enters menu.

 The right soft key executes fwhat that right-bottom function points.
In standby mode, pressing this button enters menu.

■ Phone Book

You can store phone numbers and name in the phonebook and retrieve to make a call. Data can be stored both in SIM card and your cellular phone, while you can search through one phonebook list for data.

Note that the maximum amount of data stored depends on the type of SIM card.

When you purchase a new cellular phone, the phone numbers stored on SIM card can be inserted into the new cellular phone and retrieved.

Storing Phone Numbers


Phone numbers can be stored using either of two methods


Directly Entering Phone Number


Access Phonebook and store a new phone number

[Directly Entering Phone Number]

1. First, enter the phone number you want to store in the standby screen.
2. 'Save' is displayed on the left-bottom of the screen

3. Confirm the entered phone number and press  key to save.

When you entered incorrect number, press  key to erase.

Press Cancel key once to erase one number at a time. Hold down  Cancel key for longer than 2 seconds to erase all entered number.


4. Select whether to save on your cellular phone or on SIM card.


5. Set up the type of phone number.

Phone number types such as office phone number, cellular phone, house phone number can be saved on the cellular phone.

When the phone number is stored on SIM card, only one representative phone number for the individual can be saved.

6. Enter the name.

Press  key to enter character edit window.

Confirm the entered name and press  key to save.

For more details on character editing, refer to 'Character Input' on page 30.




7. Set up the group type.

8. Two more phone numbers other than the first phone number you have saved, can be stored.







Enter the related phone numbers next to each icon.

Note that only one phone number can be saved for the individual on SIM card.




9. Set up the default phone number.
 10. Configure the speed dial number. The speed dial number can be configured from 2 to 99.
 11. Configure the image to be displayed for the phone number.
- Press  key to enter the gallery.
- Select one of stored images from the gallery and press  to save.
12. Enter e-mail address.
 13. Enter homepage address.
 14. Enter fax number.
 15. Enter house address.
 16. Configure special bell tone.
- When this bell phone is configured, an incoming call from the configured phone number plays the selected number.
17. Enter occupation.
 18. Enter name of company.
 19. Enter note.
 20. Confirm all the entries and press  key to save.
- Functions from 9 to 19 can only be used when the phone number is stored on the cellular phone. Only name, phone number, and group type can be configured on SIM card.
- For more details on character editing, refer to 'character input' on page 30.



- [Access Phonebook and store a new phone number]
1. Press  key in standby mode to enter phonebook.
 2. The entire phone list is displayed.
 3. Enter menu screen by pressing  key.
 4. Press 1 to enter 'New Phone Number Input' screen.
 5. Select whether to store phone number on the cellular phone or SIM card.
 6. Enter the name.
- Pressing  key enters the character edit window.
- Confirm the entered name and press  key to save.
- For more details on character editing, see 'Character Editing' on page 30.
7. Configure group type.
 8. Enter phone number and relevant phone number into fields located next to each icon.
- Note that only one phone number can be stored on SIM card.
9. Configure the default phone number.
 10. Configure speed dial number. Speed dial numbers can be configured from 2 to 99.
 11. Configure the image to be displayed for the phone number.
- Press  key to enter the gallery.
- Select one of stored images from the gallery and press  to save.



12. Enter email, homepage URL, fax number, home address.
 13. Configure the bell tone.
 14. Enter occupation, name of company, and etc.
 15. Confirm all the entries and press  keys to save.
- Functions from 0 to 15 can be used only when the phone number is stored on the cellular phone. Only name, phone number, and group type can be configured on SIM card.
For more detail, refer to 'Directly Entering Phone Number' on page 30.
In addition, for more information on character input, refer to 'character input' on page 30.





Search Phone Number





You can search phone number from the entire phonebook list or perform selective search using various methods (name, phone number, speed dial, group, and etc.)

[Search All]

This function displays all phone numbers stored in the phonebook. (The list include both numbers stored in the cellular phone and SIM card)





1. Press  key in standby mode to enter the phonebook.
2. The entire phone book list is displayed.
3. Select a phone number and press  key to make a call to the selected individual.

[Search by Group]



1. Press  key in standby mode to enter the phonebook.
2. Press  key to enter the search option.
3. Select 1 to enter 'Group Search'.
4. Using left and right button on  key to select a group.
5. Search a phone number from the selected group.
6. Press  key to make s call to the selected individual.






[Search by Name]

1. Press  key in standby mode to enter phonebook.
2. Press  key to enter the search option.
3. Select 2 to enter 'Search by Name'
4. When an edit window is displayed, enter the name of individual and press  key.
Entering only one character searches all names that contains the entered character.
For more details, refer to 'Character Input' on page 30.
5. Press  key to make a call to the selected individual.

[Search by Speed Dial Number]




1. Enter  key in standby mode to enter the phonebook.
2. Press  key to enter the search option.
3. Select 3 to enter 'Search by Speed Dial Number'.
4. The entire speed dial number list is searched.

Using the left and right keys() of  key, either select or enter the speed dial number to be searched.

5. Press  key to make a call to the selected individual.








[Search by Phone Number]

1. Press  key in standby mode to enter the phonebook.
2. Press  key to enter the search option.
3. Select 4 to enter 'Search by Phone Number'.
4. Enter the number to search.
Entering only one number searches all phone numbers that contains the entered number.
5. Press  key to make a call to the selected individual.

[Search by SDN]

You can search special service dial number via SDN. You can use this function in emergency paging. You can search items such as address, phone number, and voice mailbox number.
Telephone numbers supplied by your network provider and giving access to special services, such as voice mail, directory inquiries, customer support and emergency services.

1. Press  key in standby mode to enter the phonebook.
2. Press  key to enter the search option.
3. Select 5 to enter 'SDN'.
4. Using the left and right buttons() of  key, select a phone number.
5. Press  key to make a call to the selected phone number.



[Search Area Code]

With this function, you can search for the area code.

1. Press key in standby mode to enter the phonebook.
2. Press key to enter the search option.
3. Select 6 to enter 'Search Area Code'.
4. When the list of area code appears, select an area code using up/down button () of key.



Phonebook Menu Function

You can use variety of phonebook functions.

1. Press key in standby mode to enter the phonebook.
2. Press key to enter the menu.

[Store a New Phone Number]

This function stores a new phone number.

Standby Mode Press 1

For more information, refer to 'Storing Phone Number in Phonebook' on page 30.

[Details]

This function shows details of the selected item.

Standby Mode Press 2

You can also enter this function by pressing key in the entire phone number list of phonebook.

[Delete]

You can either delete an item or the entire phonebook.

Delete selected items

Standby Mode ►  ►  ► Press 3 ► Press 1

Only the selected phone numbers are deleted.

Delete entire phonebook

Standby Mode ►  ►  ► Press 3 ► Press 2 ► Enter Password

All phone numbers in phonebook is deleted.

[Copy]

Selected phone numbers can be copied. When a phone number stored in the cellular phone is copied, the phone number is copied to SIM card and vice versa. When 'copy all' is selected, all phone numbers are copied from the current storage medium to the other.

Copy Selected Items

Standby Mod ►  ►  ► Press 4 ► Press 1

Copy All

Standby Mode ►  ►  ► Press 4 ► Press 2

[Move]

A selected phone number is moved from the cellular phone to SIM card, and vice versa.

Moving Selected Item

Standby ►  ►  ► Press 5 ► Press 1



Move All

Standby Mode ►  ►  ► Press 5 ► Press 2

[Group Configuration]

Phone numbers can be categorized into groups. Selected bell tones can be configured for each group.


1. Standby Mode ►  ►  ► Press 6

2. Select a group using the left and right buttons() of  key.

Group Edit

Group bell tone, image, and group members can be edited.

Selecting image enters gallery.

Select one of stored images from the gallery and press  to save.

Group member can be selected from all phone number list stored in the cellular phone.

Delete

Delete a selected group


Change Name

Change the name of selected group

[Speed Dial Number]

Standby Mode ►  ►  ► Press 7

A list of phone number for speed dial numbers is displayed.

Press  key from a selected item to display 'Delete' and 'Change' menus.

Pressing 'Delete' removes the selected speed dial number item.

Press 'Change' to change the selected speed dial number to other number.

If you have not set up speed dial number, 'No Speed Dial' message is displayed.

[Send My Phone Number]

Enter a desired number to set up speed dial.

Standby Mode ►  ►  ► Press 8

Only name and phone number can be stored using 'Send My Phone Number'.





[Memory Status]

This function displays the currently used memory by numbers.

Standby Mode ►  ►  ► Press 9



This function shows the status of SIM card and the cellular phone separately.

Menu Function of Selected Items

1. Press  in standby mode to enter the phonebook
2. Select a phone number to edit and press  key to see the details.
Or, press  key and press 2 to see the details.
3. Press  key to display the menu for the selected number.

[Edit]

All configured items such as name, group, phone number, default number, image, email address, address, and etc. can be edited.

Standby Mode ►  ► Select a phone number ►  ► Press 1

For more details, refer to 'Save Phone Number' on page 30.

[Send SMS]

You can send SMS message to a selected phone number.

Standby Mode ►  ► Select a phone number ►  ► Press 2 ► Select either SMS message by pressing 1 or Multimedia Message by pressing 2 ► Enter message ► Send

For more details, refer to 'Message' on page 30.



[Send]

[Delete]

This function deletes the selected item.

Standby Mode ► Select a phone number ► Press 4

[Copy]

This function copies a selected item. A phone number stored in a cellular phone is copied to SIM card, and vice versa.

Standby Mode ► Select a phone number ► Press 5

[Move]

This function moves a selected phone number from the cellular phone to SIM card, and vice versa.

Standby Mode ► Select a phone number ► Press 6



Character Input Method

eZi English Mode

This mode allows you to enter English words with only one keypress per letter. Each key on a keypad has more than one letter-a single press on the 5 key could be J, K, or L. The eZi English mode automatically compares your key presses to an internal linguistic database to determine the correct word.


This mode requires far fewer keystrokes than the traditional multi-tap method (eZi mode).

Typing English Words

To type a word, press keys corresponding to the letters you need. Remember the following as you are typing :

- 1.Press keys on the phone just once per desired letter. For example, to enter 'hello', press the following keystrokes : 4, 3, 5, 5, 6.
- 2.The word you are typing appears in the display. It may change with each key you press.
- 3.Type to the end of the word before editing or deleting any keystrokes.

- 4.Complete each word with a space by pressing the 0 key.

If the word that appears in the display is not the word that you desire, press the  key one or more times to display alternate word choices for the keys you have typed. (For example, 'of ' and 'me' both shares the sequence 6, 3) The phone displays the most commonly used choice first.



The phone displays all the words which is containing the letters you have entered. By doing this, the eZi mode saves you typing extra keypress.





Smart Punctuations

Full stop, hyphen, and apostrophe are available on the 1 key. The eZi mode applies rules of grammar to insert the correct punctuation.

Notice that the 1 key is used twice in this example to display two punctuation marks:







Shifting a Case


To change the case of the word, press the  or  key repeatedly when the word is highlighted. Lower Case, Capital Lock and Initial Capital are available. Also, you can insert periods between the alphabets for abbreviations.



Scrolling

- The  or  key scrolls to the alternative characters corresponding the keypress.
- To view your message without moving the cursor, press the volume keys on the left side of the phone.
- To move the cursor left or right through your text message, press the  or  key. Note that pressing the key without completing a word by the 0 key displays the alternative word.

Clearing Characters

Press the  CLR soft key one or more times to remove characters from the text area.



ABC Mode

When typing in ABC mode, you should press key labeled with the required character:

- Once for the first character.
- Twice for the second character and so on.

For example, you press the 2 key three times quickly to display the character “C”, the 5 key three times quickly to display the character “L”.
So, this method is called Multi-tap typing.

The cursor moves to the right when you press a different key. When entering the same character twice (or a different character on the same key), just wait for a few seconds for the cursor to move right automatically, and then select the next character.

Refer to the table on page 84 for the list of charaters assigned on each key.



Shifting a Case

To shift the case of the next characters that you type, press the key one or more times.

There are two shift states:

Lower Case is indicated by abc in the display, and Capitals Lock is indicated by ABC.

Scrolling

- To view your message without moving the cursor, press the volume keys on the left side of the phone.
- To move the cursor left or right through your text message, press the ⬅️ or ➡️ key.



Key	Characters in the Order Displayed	
	ABC	abc
1 QW	::; ' " =	. , ? ! ! — / @
2 ABC	A B C 2	a b c 2
3 DEF	D E F 3	d e f 3
4 GHI	G H I 4	g h i 4
5 JKL	J K L 5	j k l 5
6 MNO	M N O 6	m n o 6
7 PQRS	P Q R S 7	p q r s 7
8 TUV	T U V 8	t u v 8
9 WXYZ	W X Y Z 9	w x y z 9
0 +	□ 0 * < > % # &	□ 0 + () & _ \$

Clearing Strokes and Characters

Press the CLR key one or more times to remove characters from the Text Area.

List of characters available see table.

Changing Text Input Mode

When you are in a field that allows characters entry, you should notice the text input mode indicator in the display.

To change to another text input mode:

- 1. Press the key to access the eZi SubMenu screen.
- 2. Press the or key repeatedly until you find the desired input mode from the list.(Press the soft key)
- 3. Press the B soft key. You will see the text input mode indicator in the top line of the display:
 - eZi English > English
 - ABC > ABC or abc
 - Numeric > 123
 - Symbol > Symbol

Directions for using each of the text input modes appear later in this chapter.

You can also change the text input mode by pressing the key repeatedly in text entry screen. Each time you press the key, the mode is changed in the following order: Pinyin > Stroke > English > ABC > abc > Numeric.



Numeric Mode

Numeric mode is indicated by 123. It enables you to enter numbers into a text message. Press keys corresponding to the desired digits, and manually switch back to the text entry mode of choice.

Symbol Mode

Symbolic mode enables you to enter symbols into a text message.

To scroll through the available symbol categories, press the **or** key. When you see the desired symbol on the display, press the appropriate number key (1 to 9) to insert the symbol. The phone automatically switches back to the text entry mode used just prior to selecting Symbolic mode.



Using User's Dictionary

While entering a SMS message, you can use your own dictionary which allows you to add a new word and then the word has a high priority in eZi English mode.





Adding a Word to the Dictionary

1. Press the **⊕** key.
2. Press the **or** key to scroll to Dictionary and press the soft key.
3. Enter the word you want to add, and press the **options** soft key.
4. Press the **or** key to scroll to **Add to UPD** and press the soft key to add the word.

Now, the added word becomes the first candidate for the associated keypress. You can check the added words on the List Dictionary menu.



Deleting the Words from the Dictionary

1. Press the  key.
2. Press the  or key to scroll to List Dictionary and press the soft key. You can see the list of the words you have added.
3. Press the  or key to find the word you want to delete, and press the Options soft key.
4. Press the  or key to scroll to Del from UPD and press the soft key to delete the selected word.



When you use the user's dictionary, only the ABC mode is available.



eZi Punctuation Input Method

This method enters characters based on pronunciation.

eZi Written Stroke Input Method

This method enters characters based on written stroke order.

eZi English Input Method

Press each key once when entering English words.

For example, enter "hello" like the following:

Select   3"4,3,5,6"3

ABC Input Method

Press a key in the table once or several times to enter a needed alphabet.

Number Input Method

This method is used when entering numbers.

Symbol Input Method

This method is used when entering symbols or special characters.

Dictionary Input Method

This method is used when saving a new word in eZi English input method.

Delete Character and Symbols:

This function deletes character or symbols.

Hold down the key to delete all entered characters.

USING MENU

- Menu Tree
- Message
- Calls
- Gallery
- Camera
- Settings
- Organizer
- MP3 Player
- Joy World

VK900
Camera & MP3

PRIOR TO USE

■ Menu Tree

1 Messages

Short message

Multimedia message

Inbox

- Delete
- Delete all

Outbox

- Unsent items
- Sent items
- Templates

Voice Message

- Listen to Voice MSG
(→Mailbox)
- Set Voice MSG
(→Mailbox) No.

Info. Message

- Read
- Receive
- Topics
- Language

Settings

- Short Message
- Multimedia MSG
- Voice MSG
- Alert

Memory status

VK900

Menu Tree

2 Calls

Call history

- Missed calls(No.)
- Received calls(No.)
- Dialled calls(No.)
- Delete All Calls(Call Time)
- Call Duration
- Call Costs

Network services

- Call Diverting
- Call Barring
- Call Waiting
- Send My No.
- Network Select

3 Gallery

Photo

- Send via MMS
- Wallpaper
- Edit Photo
- Copy
- Move
- Delete
- Rename
- Lock
- Details

Video-clip

- Copy
- Move

- Delete
- Rename
- Lock
- Details

Image

- Send via MMS
- Wallpaper
- Copy
- Move
- Delete
- Rename
- Details

Animation

- Send via MMS
- Wallpaper
- Copy
- Move
- Delete
- Rename
- Details

Music

- Copy
- Move
- Delete
- Rename

Sound

- Details
- Go to Play(Go To MP3Player)
- Send via MMS
- Set as Ringtone
- Copy
- Move
- Delete
- Rename
- Details

SD card

- Copy
- Move

- Delete
- Rename
- Details
- Memory status

M-Flash

Memory Status

■ Menu Tree

4 Camera

Photo

- Zoom
- Brightness
- Flash
- Rotate
- Self-timer
- Effect
- Frame
- Serial-shot
- Mode change
- Go to gallery

Video-clip

- Zoom

- Brightness
- Flash
- Rotate
- Effect
- Mode change
- Go to gallery

Settings

- Image quality
- Motion length
- Resolution
- Shutter sound
- Ready sound
- Auto Save

5 Settings

Display

- Standby(Main LCD)
- Lighting

Display

- Incoming calls
- Message
- Key tone
- Slide
- Other Tones Volume (Power Off)
- Power On

VK900

6 Organiser

Calender

- New
- Delete All
- Schedule list
- Go to Date

Alarm

- Morning call
- Reminder

Memo

- New
- Delete
- Delete All

Phone(Phone Set)

- Date & time
- Language
- Answer key
- Auto answer
- Auto redial
- Factory set
- My favorite(Favorite)

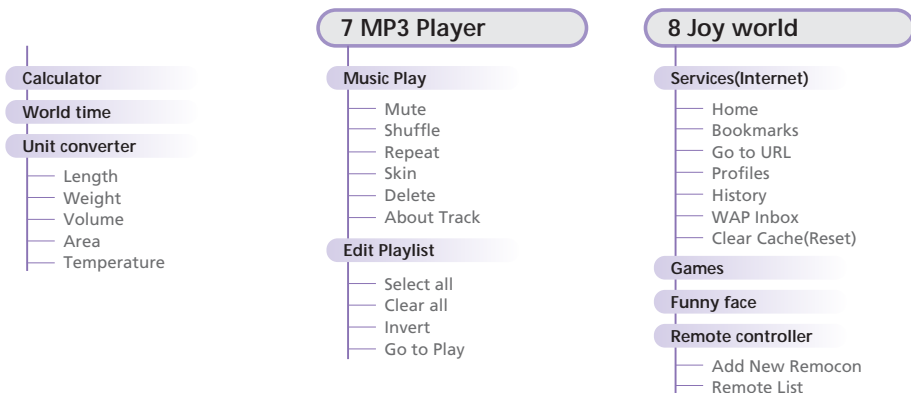
Security

- FDN
- PIN
- Change PIN2
- Lock


Infrared Receive

- Off
- 1 min
- 5 min
- 10 min
- 30 min
- Always

■ Menu Tree





■ Messages

Messaging is a network service.
Using this function, you can input, send, receive, check, and edit messages.
VK900 model supports sending and receiving both Short Messaging Service (SMS) and Multimedia Message (MMS).
A new message notification is displayed on the screen when a message arrives.
In Standby mode, press the left key of  to enter Messages mode promptly.



Writing a New Message

This function enables a user to write and send a new message.

1. In Standby mode, press the  key to display menu screen.
2. Press number 2 to enter Messages.
3. Press the  key to enter New Message mode.




[Short Msg.]

Standby mode ►  ► Number 2 ►  ► Number 1


1. Write a message to send.

For character input method, please refer to "Entering Text" on page 30.

2. After finishing message input, press  key to enter Options menu.

Add Media: Using this function, you can add a simple image, animation and sound from the gallery to your message.

Add Template: Using this function, you can add a stored message from Templates in your Outbox to your message.

Send: To send the message, enter the phone number and then press  key.

Save: You can save the message you were editing for later sending. The message will be saved in the Unsent Items of your Outbox. You can edit and send the message later.

Exit: Returns to Standby Mode.





[Multimedia Msg.]

Multimedia message is a service that enables sending messages with images, pictures and sound clips with the text message.

Using this function, you can send a message to a mobile phone and e-mail recipients.


And, you can save multimedia resources such as images, pictures and sound files attached to a received multimedia message into your gallery.

Multimedia message service is available only when the service provider supports the service, and can be displayed only on a mobile phone that supports the service.

Standby Mode ►  ► Number 2 ►  ► Number 2

1. Write a message to send.

For character input method, please refer to "Entering Text" on page 30.

2. After finishing message input, press the  key to enter Options menu.

Add Media: Using this function, you can add a simple image, animation and sound from the gallery to your message.


Add Template: Using this function, you can add a stored message from Templates in your Outbox to your message.



Slide: Slide function enables you to send multiple images, Ring Tones and others in a row, not to break them into pieces.

One Slide can have one picture and one sound attachment, you can send multiple slides in a row.

- Insert Before: Inserts a new slide in front of the current window.
- Insert After: Appends a new slide after the current window.
- Next Slide: You can move a slide to where you wish to place among multiple slides.
- Prev Slide: You can check completed slides before sending them.
- Slide Duration

Send: To send the message, enter the phone number and then press the  key.

Save: You can save the message you were editing for later sending.


The message will be saved in the 'Unsent Items' of your Outbox. You can edit and send the message later.

Preview: You can check your completed message before sending.

Exit: Returns to Standby Mode.

Inbox

You can check received EMS and MMS messages.

1. In Standby mode, press the  key to display menu screen.
2. Press number 2 to enter Messages.
3. Press number 1 to enter Inbox.


[Delete]

Deletes messages stored in your inbox.

Deleting a selected message

Inbox ►  ► Number 1 ► 

Deleting all received messages

Inbox ►  ► Number 2 ► Select an item among Number 1: mobile phone, Number 2: SIM Card, Number 3: All Messages ► Enter password






[Reply]

Sends a reply to the message sender.

Inbox ► Select a message and then  ►  ► Number 2 ► Input message ►  ► 




[Forward]

Forwards a received message to another recipient.

Inbox ► Select a message and then  ►  ► Number 3 ► Edit message ► Input recipient's phone number ► 

[Call Back]

Calls back the message sender.

Inbox ► Select a message and then  ►  ► Number 4 ► 



[Extract]

Extracts and saves message sender's phone number, emoticon, video-clip, ring tone and others into your gallery.



Inbox ► Select a message and then  ►  ► Number 5

Image: Extracts and saves an image that is included in the received message into your gallery.


Inbox ► Select a message and then  ►  ► Number 5 ► Number 1 ► 

Animation: Extracts and saves an animation that is included in the received message into your gallery.

Inbox ► Select a message and then  ►  ► Number 5 ► Number 2 ► 

Number: Extracts and saves the sender's phone number (or included in the message content) into your Contacts.

Inbox ► Select a message and then  ►  ► Number 5 ► Number 3 ► Select an item among

Number 1: mobile phone, Number 2: SIM Card ► 

E-mail: Extracts and saves the sender's E-mail address (or included in the message content) into your Contacts.

Inbox ► Select a message and then  ►  ► Number 5 ► Number 4 ► 

URL: Extracts and saves the sender's URL (or included in the message content) into My Favorite of the Services.



Inbox ► Select a message and then  ►  ► Number 5 ► Number 5 ► 



[Copy]

Copies a selected message item.



It copies messages stored in the handset's memory into SIM Card, and vice versa.

Inbox ► Select a message and then  ►  ► Number 6

[Move]

Moves a selected message item from/to handset's memory and SIM Card.


It moves messages stored in the handset's memory into SIM Card, and vice versa.

Inbox ► Select a message and then  ►  ► Number 7




Outbox

Outbox can store sent messages and messages to be sent.

1. In Standby mode, press the  key to display menu screen.
2. Press number 2 to enter Messages.
3. Press number 2 to enter Outbox.

[Unsent Items]

Unsent messages by sending failure or explicitly saved messages before sending are stored.


Delete: Outbox ► Number 1 ►  ► Select an item among Number 1: Selected only, Number 2: Delete All

Using the Unsent Items Menu: Outbox ► Number 1 ►  ► 

- Delete: Deletes a selected message.
- Edit and Send: Sends a selected message after editing.
- Save on SIM: Saves a selected message on the SIM Card.
- Delete All: Deletes all messages saved in Unsent Items.

[Sent Items]

Stores sent message items.

Delete: Outbox ► Number 2 ►  ► Select an item among Number 1: Selected only, Number 2: Delete All


Using the Sent Items Menu: Outbox ► Number 2 ►  ► 

- Delete: Deletes a selected message.
- Edit and Send: Sends a selected message after editing.
- Save on SIM: Saves a selected message on the SIM Card.
- Delete All: Deletes all messages saved in Sent Items.

[Templates]

You can select a stored text template in your Outbox to edit your message.

It is convenient to recall a frequently used text from templates when you edit a new message.

Using the Templates Menu: Outbox ► Number 3 ► 

New: Stores a new template after editing.

- Edit: Edits a selected template.
- Delete: Deletes a selected template.
- Send: Recalls a selected template and appends to the message you are currently editing.


Voice Mail

When a new voice mail arrives, an indicator image is displayed on the screen.

You can listen to the voice mail using this function.

Press the voice mailbox number if the number is stored in the handset's memory, or input the number first. Voice mail is a network service.

For further details, consult your nearest service center.

1. In Standby mode, press the  key to display menu screen.
2. Press number 2 to enter Messages.
3. Press number 3 to enter Voice Mail.


[Listen to Voice Mail]

Listens to a Voice Mail arrived in the Voice Mailbox.

Voice Mail ► Number 1 ► Enter a Voice Mailbox Number ► 

[Set Voice Mailbox No.]


Saves the Voice Mailbox Number.

Voice Mail ► Number 2 ► Enter a Voice Mailbox Number ► 



Information Msg.

Information Msg. is a network service that provides Information Msg. to many GSM mobile phone users. For example, it provides information on weather forecast, traffic and stock prices.

- 1. In Standby mode, press the  key to display menu screen.
- 2. Press number 2 to enter Messages.
- 3. Press number 4 to enter Information Msg.

[Read]

You can search and read a message you want.

Information Msg. ▶ Number 1 ▶  ▶ Select a desired message

[Receive]

Decides whether to receive informational messages or not.

Information Msg. ▶ Number 2 ▶ Select an item among Number 1: On, Number 2: Off

[Topics]

Decides the topic of messages allowed.

Information Msg. ▶ Number 3 ▶ Select a topic of messages (for example: Weather, Traffic, etc.)




[Language]

Selects the language of messages to be received.

Information Msg. ▶ Number 4 ▶ Select a language of messages

Settings

Using this function, you can set various options for SMS, MMS, Voice Mail and Alert.

1. In Standby mode, press the  key to display menu screen.
2. Press number 2 to enter Messages.
3. Press number 5 to enter Settings.

[Short Msg.]

Standby Mode ►  ► Number 2 ► Number ► Number 1

SMS Center No.: Sets the SMS Center's number.

Delivery Report: Reports the message's successful arrival at the SMS Center.


- On is selected: Reports whether the sent message was delivered or not.
- Off is selected: Does not report whether the sent message was delivered or not.

Validity Period: Sets the valid storing period of a message.

If this function is set, received messages are expired and automatically deleted after the period set. Important pictures, sound clips and messages should be saved in the gallery before they expire.

Set DCS

[Multimedia Msg.]

Standby Mode ►  ► Number 2 ► Number 5 ► Number 2 ► select a service provider

Activate: Shows the name of the Internet Service Provider. New service providers may be added if required.

At the beginning, several service providers are listed.

Delete: Deletes the selected service provider.

Profile name: Shows the profile of the selected service provider.

Homepage: Shows the homepage of the selected service provider.

APN

IP Address: Shows the IP address of the selected service provider.

Log-in name: Shows the Log-in name given by the service provider.

Password: Shows the password given by the service provider.

Packet size: Shows the size of the packet to be sent.




[Voice Msg.]

Standby Mode ►  ► Number 2 ► Number 5 ► Number 3

[Alert]

Sets the message alert interval that notifies the arrival of a new message.

Standby Mode ►  ► Number 2 ► Number 5 ► Number 4 ► Select an item among One Time/Periodic/Off.



Memory Status

You can check Memory Status of your SMS and MMS stored in your handset's memory and the SIM card. Memory usage sums up both sent and received messages.


Standby Mode ►  ► Number 2 ► Number 6


■ Calls

You can check your call history and utilize various network services in Calls.


Call History



Using this function, you can check recent calls you made, calls received and missed calls. Also, you can check the time and cost of each call.

1. In Standby mode, press the  key to display menu screen.
2. Press number 3 to enter Calls.
3. Press number 1 to enter Call History.

Or you can enter Call History by pressing the  key in Standby mode.

4. Full list of the Call History is displayed.

Pressing the  key displays currently selected call's information such as phone number, name and time spent.

Press the   keys to enter menu screen and following menu items will be displayed:

Save: Saves the phone number in your Contacts.

Delete: Deletes the phone number.



Delete All: Deletes all phone numbers in the Call History.


Edit: Edits phone number and saves it on the SIM Card or your Contacts.


5. When the full list of Call History is displayed, press the  key to enter menu screen.

[Missed Calls]

Displays phone numbers of calls you missed.

Standby mode ►  ► Number 3 ► Number 1 ►  ► Number 1

Pressing the  key displays information of caller's phone number, name and calling time.

Press the  key to enter menu screen and following menu items will be displayed:

Save: Saves the phone number in your Contacts.

Delete: Deletes the phone number.



Delete All: Deletes all phone numbers in the Missed Calls.

Edit: Edits phone number and saves it on the SIM Card or your Contacts.




[Received Calls]

Displays phone numbers of received calls.

Standby mode ►  ► Number 3 ► Number 1 ►  ► Number 2

Pressing the  key displays currently selected call's information such as phone number, name and time spent.

Press the  key to enter menu screen and following menu items will be displayed:

Save: Saves the phone number in your Contacts.

Delete: Deletes the phone number.



Delete All: Deletes all phone numbers in the Received Calls.

Edit: Edits phone number and saves it on the SIM Card or your Contacts.




[Diald Calls]

Displays phone numbers of diald calls you made.

Standby mode ►  ► Number 3 ► Number 1 ►  ► Number 3

Pressing the  key displays currently selected call's information such as phone number, name and call time.

Press the  key to enter menu screen and following menu items will be displayed:

Save: Saves the phone number in your Contacts.



Delete: Deletes the phone number.


Delete All: Deletes all phone numbers in the Received Calls.

Edit: Edits phone number and saves it on the SIM Card or your Contacts.

[Delete All Calls]

Deletes all Call History information in the SIM Card and your handset memory.



Standby mode ►  ► Number 3 ► Number 1 ►  ► Number 4

When a confirming message appears, press the  key to confirm the deletion.



[Call Duration]

Displays the duration of selected calls including received and dialed.
Call Duration time displayed on your handset may differ from the actual time recorded by the service provider according to network performance, calculation formula and other reasons.

Standby mode ►  ► Number 3 ► Number 1 ►  ► Number 5

Last Call: Displays last call's duration.

All Calls: Displays the sum of all received and dialed calls' duration.

Received Calls: Displays the sum of all received calls' duration up to now.

Dialed Calls: Displays the sum of all dialed calls' duration up to now.



Reset: Resets recorded call duration.

It deletes selected call duration among Last Call/ All Calls/ Received Calls/ Dialed Calls.



[Call Costs]

Using this function, you can check the cost of all calls including last call's cost and total cost.

Standby mode ►  ► Number 3 §→ Number 1 ►  ► Number 6

Show Cost In.

Last Call Cost: Using this function, you can check last call's cost.

Total Cost: Displays total cost of calls made up to now. If the total cost exceeds the Max Cost specified, no calls will be made and the cost will become 0.

Reset Counters: Resets the total cost of calls made up to now. To use this menu, entering PIN2 number is required.


Set Max Cost: Limits the maximum call cost. To use this menu, entering PIN2 number is required.

Price / Unit: This function is used for setting the currency unit for the displayed call cost. To use this menu, entering PIN2 number is required.

Network Services

Using this function, you can configure various network services.


Before using this service, check available services from your service provider.

1. In Standby mode, press the  key to display menu screen.
2. Press number 3 to enter Calls.
3. Press number 2 to enter Network Services.

[Call Divert]

Using this function, you can divert incoming calls to a specified phone number.

For example, if you are off business and enjoying a movie in a theatre, you can divert incoming calls to your *(kidding-) HATRED* colleague's phone number.

Standby mode ►  ► Number 3 ► Number 2 ► Number 1

Always: Diverts all incoming calls to the specified number.

If Busy: Diverts incoming calls to the specified number if your line is busy.

If Out of Reach: Diverts incoming calls to the specified number if your handset is turned off, not in a service area or unreachable for other reason.

f No Reply: Diverts incoming calls to the specified number if you don't reply to the call.

Cancel All: Releases the all Call Diverting settings.

Each Call Diverting setting may have following options:

All Calls: Configures Call Diverting to apply to all calls including **Voice**, **Data** and **Fax Calls**.

Voice Call Only : Configures Call Diverting to apply to **Voice Calls** only.

Data Call Only: Configures Call Diverting to apply to **Data Calls** only.

Fax Call only: Configures Call Diverting to apply to **Fax Calls** only.

After choosing an option, select Set Divert.

If number 1 **To Voice Message** was selected in Set Divert options, incoming calls will be diverted to your Voice Message previously specified. If number 2 **To Another No.** was selected, incoming calls will be diverted to another number you enter.



[Call Barring]

Using this network service, you can limit incoming and outgoing calls from your handset.

You can limit following calls:

Standby mode ►  ► Number 3 ► Number 2 ► Number 2

Outgoing Calls: You cannot make an outgoing call from your handset.

International Calls: You cannot make an international call from your handset.

Int. Calls Except to Home: You can make an international call to only a domestic phone number or the number serviced by a domestic service provider.

Incoming Calls: You cannot receive an incoming call.


When Roaming: You cannot receive an incoming call when you are not in a serviced area.

Cancel All: Cancels all Call Barring settings and all incoming / outgoing calls are made properly.

Change password: You can set and change the password given by the service provider.

[Call Waiting]

Using this network service, you are notified with an incoming call when you are on another call.

Standby mode ►  ► Number 3 ► Number 2 ► Number 3

All Calls: Configures Call Waiting to apply to all calls including Voice, Data and Fax Calls.

Voice Call Only: Configures Call Waiting to apply to Voice Calls only.

Data Call Only: Configures Call Waiting to apply to Data Calls only.


Fax Call only: Configures Call Waiting to apply to Fax Calls only.



[Send My No.]

This function sends your previously specified phone number automatically.

It is convenient to use this function when you need to send your phone number for a call, ARS, phone banking and other services not to press your phone number by manual.

Standby mode ►  ► Number 3 ► Number 2 ► Number 4

Default: Sends the default number specified.

Send Number: Sends your phone number.

Hide Number: Does not send any number.

[Network Select]

Network Select is a function to choose a network when you are using an international roaming service whether by manual or by automatic selection.

However, a roaming network is available to choose when your network provider has an agreement on roaming service with the roaming network provider.

Standby mode ►  ► Number 3 ► Number 2 ► Number 5 ► Select an option among Number 1: Auto, Number 2: Manual

■ Gallery

Using gallery function, you can manage various contents such as still photo, movie clip, wallpaper, ring tone, and MP3. Also, contents stored on Mini SD can be also managed.

Still Photo Management

This function manages digital still photos stored on your cellular phone. Using this function, selected still photos can be sent to your friends, and it can be assigned as a wallpaper.

1. Press **in** standby mode to enter the menu screen.
 2. Select 4 to enter Gallery.
 3. Select 1 to enter photo management screen.
 4. When a list of stored photos appears, press **key** to enter the menu screen.
- For more details, refer to 'Camera' on page 30.

[Send to Friends]

One of the stored photo can be selected and sent to your fiends.

Standby Mode ▶ Press 4 ▶ Press 1 ▶ Press 1 ▶ Enter Message ▶ Send

For more details, refer to 'Message' on page 30.

[Set as Wallpaper]

You can assign a selected photo as a wallpaper.

Standby Mode ▶ Press 4 ▶ Press 1 ▶ Press 2 ▶

[Edit]

Selected photo can be edited by applying various effects.

Standby Mode ▶ Press 4 ▶ Press 1 ▶ Press 3 ▶ Edit using **key** ▶ either press 1 for overwrite or press 2 for save as other filename ▶ (enter a new filename when 2 is selected.)

[Copy]

Selected photos or all stored photos can be copied.

Standby Mode ▶ Press 4 ▶ Press 1 ▶ Press 4 ▶ select either 1 for selected photos or 2 for all ▶

[Move]

Selected photos among saved photos can be moved to Mini SD.

Standby Mode ▶ Press 4 ▶ Press 1 ▶ Press 5



Search

[Delete]
Either selected or all stored photos can be deleted.
Standby Mode ▶ Press 4 ▶ Press 1 ▶ Press 6 ▶ either select 1 for selected photos or select 2 for all (enter password when you selected 2)

[Rename]
Selected photo can be renamed.
Standby Mode ▶ Press 4 ▶ Press 1 ▶ Press 7 ▶ enter a new name ▶
For more detail, refer to 'Character Input' on page 30.

[Private]
You can hide selected photos so that others cannot view the selected photos.
Private set up
Standby Mode ▶ Press 4 ▶ Press 1 ▶ Press 8 ▶ enter password ▶



Private release

Release only selected photos
Select a private configured folder ▶ enter password ▶ select a photo to release ▶ Press 8

Release entire private folder
Select a private folder ▶ Press 8 ▶ enter password ▶

[View Detail]
You can view details such as title, data, and size of selected photo.
Standby Mode ▶ Press 4 ▶ Press 1 ▶ Press 9

[Go Back to Gallery]
Return to Gallery main screen.
Standby Mode ▶ Press 4 ▶ Press 1 ▶ Press 10

Movie Clip Management

This function manages movie clips filmed with your cellular phone.
For more detail, refer to 'Camera' on page 30.

[Replay]

1. Press key in standby mode to enter the menu screen.
2. Select 4 to enter Gallery.
3. Select 2 to enter the movie clip management screen.
4. When a movie clip list appears, select a file to replay and press key.
5. Press key to pause.
6. Press to go back to the previous screen.

[Copy]

Selected movie clips or all stored movie clip files can be copied.

Standby Mode ► Press 4 ► Press 2 ► Press 1 ► Select either 1 for selected file or 2 for all ►

[Move]

Selected files among stored movie clips can be moved to Mini SD.

Standby Mode ► Press 4 ► Press 2 ► Press 2

[Delete]

Selected movie clip files or all stored movie files can be deleted.

Standby Mode ► Press 4 ► Press 2 ► Press 3 ► Select either 1 for selected file or 2 for all ► (enter password and press key when 2 is selected)

[Rename]

Selected movie clips can be renamed.

Standby Mode ► Press 4 ► Press 2 ► Press 4 ► enter a new filename ►

For more detail, refer to 'Character Input' on page 30.

[Private]

You can hide selected photos so that others cannot view the selected photos.

Private Set up

Standby Mode ► Press 4 ► Press 2 ► Press 5 ► enter password ►

Release Private Setup

Release Only Selected Photos

Select a private folder ► enter password ► select a photo to release private configuration ► Press 5

Release private folder

Select a private folder ► Press 5 ► enter password ►

[View Detail]

You can view details such as title, data, and size of selected movie clip.

Standby Mode ► press 4 ► press 2 ► press 6

[Go back to Gallery]

Move back to Gallery main screen.

Standby Mode ► press 4 ► press 2 ► press 7

Image Management

You can manage image files stored on your cellular phone. Using this function, selected image files can be sent to your friends or can be configured as a wallpaper.

1. Press key in standby mode to enter the menu screen.

2. Select 4 to enter Gallery.

3. Select 3 to enter image management screen.

4. When a list of stored images appears, press key to enter the menu screen.

[Send to Friends]

Selected files among stored images can be sent to your friends.

Standby Mode ► Press 4 ► Press 3 ► Press 1 ► enter message ► Send

For more detail, refer to 'Message' on page 30.

[Wallpaper]

Selected files among stored images can be assigned as a wallpaper.

Standby Mode ► press 4 ► press 3 ► press 2 ►



[Copy]

Selected files or all stored images can be copied.

Standby Mode ▶ Press 4 ▶ Press 3 ▶ Press 3 ▶ select either 1 for selected photo or 2 for all ▶

[Move]

Selected files among stored images can be moved to Mini SD.

Standby Mode ▶ Press 4 ▶ Press 3 ▶ Press 4

[Delete]

Selected files or all stored image files can be deleted.

Standby Mode ▶ press 4 ▶ press 3 ▶ press 5 ▶ select either 1 for selected images or 2 for all ▶ (enter password and press key when 2 is selected)

[Rename]

Selected file among store images can be renamed.

Standby Mode ▶ press 4 ▶ press 3 ▶ press 6 ▶ enter a new name ▶

For more detail, refer 'Character Input' on page 30.



[View Detail]

You can view details such as title, data, and size of selected image.

Standby Mode ▶ Press 4 ▶ press 3 ▶ press 7

[Go Back to Gallery]

Go back to Gallery main screen.

Standby Mode ▶ press 4 ▶ press 3 ▶ press 8

Animation Management

This function manages animation files stored in your cellular phone.

1. Press **key** in standby mode to enter the menu screen.
2. Select **4** to enter Gallery.
3. Select **4** to enter Animation management screen.
4. When a list of stored animations appears, press **key** to enter the menu screen.

[Send to Friends]

Selected files among stored animation can be sent to your friends.

Standby Mode ▶ press **4** ▶ press **4** ▶ press **1** ▶ enter message ▶ end

For more details, refer 'Message' on page 30.

[Wallpaper]

Selected animation file among stored animations can be assigned as a wallpaper.

Standby Mode ▶ Press **4** ▶ Press **4** ▶ Press **2** ▶

[Copy]

Selected animation file among stored animations can be copied.

Standby Mode ▶ Press **4** ▶ Press **4** ▶ Press **3** ▶ select either **1** for selected animation or **2** for all ▶

[Move]

Selected file among stored animations can be moved to Mini SD.

Standby Mode ▶ Press **4** ▶ Press **4** ▶ Press **4**

[Delete]

Selected files or all stored animations can be deleted.

Standby Mode ▶ Press **4** ▶ Press **4** ▶ Press **5** ▶ Select either **1** for selected animation file or **2** for all ▶ (enter password and press **key** when **2** is selected)

[Rename]

Selected files among stored animations can be renamed.

Standby Mode ▶ Press **4** ▶ Press **4** ▶ Press **6** ▶ Enter a new name ▶

For more details, refer to 'Character Input' in page 30.

[View Detail]

You can view details such as title, data, and size of selected animation.

Standby Mode ▶ Press **4** ▶ Press **4** ▶ Press **7**

[Go Back to Gallery]
Go back to Gallery main screen.
Standby Mode ► Press 4 ► Press 4 ► Press 8

Ring Tone Management

This function manages ring tones stored in your cellular phone. Using this function, a selected ring tone can be assigned.

1. Press in standby mode to enter menu screen.
2. Select 4 to enter Gallery.
3. Select 5 to enter Ring Tone management screen.
4. When a list of stored ring tone appears, press key to enter menu screen.

[Ring Tone Setup]

Selected ring tone among stored ring tones can be assigned as bell sound.

Standby Mode ► Press 4 ► Press 5 ► press 1 (press 2) ►

[Delete]

Selected photos or all stored photos can be deleted.

Standby Mode ► Press 4 ► Press 5 ► Press 2 (Press 5) ► Select either 1 for selected ring tone or 2 for all ► (enter password and press key when 2 is selected)



[Rename]

Selected ring tone among stored ring tone can be renamed.

Standby Mode ▶ Press 4 ▶ Press 5 ▶ press 3 (press 6) ▶ enter a new name ▶

For more details, refer to 'Character Input' on page 30.

[View Detail]

You can view details such as title, data, and size of selected ring tones.

Standby Mode ▶ Press 4 ▶ Press 5 ▶ Press 4(Press 7)

[Go Back to Gallery]

Go back to Gallery main screen.

Standby Mode ▶ Press 4 ▶ Press 5 ▶ press 5



Music File Management

This function manages music files stored in your cellular phone. You can manage MP3 files in Gallery music folder and assign a music file as your ring tone.

1. Press key in standby mode to enter the menu screen.
2. Select 4 to enter Gallery.
3. Select 6 to enter the music management screen.
4. When a list of stored music files appears, press key to enter the menu screen.

[Ring Tone Setup]

Selected music file among stored MP3 can be assigned as a ring tone.

Standby Mode ▶ Press 4 ▶ Press 6 ▶ Press 1 ▶

[Delete]

Selected file or all stored files can be deleted.

Standby Mode ▶ Press 4 ▶ Press 6 ▶ Press 2 (Press 3) ▶ Select either 1 for selected ring tone or 2 for all ▶ (enter password and press key when 2 is selected)



[Rename]

Selected files among stored MP3 files can be renamed.

Standby Mode ▶ Press 4 ▶ Press 6 ▶ Press 3 (Press 4) ▶ enter a new name ▶
For more details, refer to 'Character Input' on page 30.

[View Detail]

You can view details such as title, data, and size of selected MP3.

Standby Mode ▶ Press 4 ▶ Press 6 ▶ Press 4 (Press 5)

[Go Back to Gallery]

Go back to Gallery main screen

Standby Mode ▶ Press 4 ▶ Press 6 ▶ press 5



Mini SD Management

Memory card (Mini SD type) can be added to increase memory capacity for photos, movie clips and MP3s.

If Mini SD card is removed from the cellular phone while Mini SD card is in operation, it may cause critical error. Repair for critical error is not available.

1. Press key in standby screen to enter menu screen.
2. Select 4 to enter Gallery.
3. Select 7 to enter Mini SD management screen.
4. When a list of store files appear, press key to enter the menu screen.

[Copy]

Selected files or all stored files can be copied to the cellular phone.

Standby Mode ▶ Press 4 ▶ Press 7 ▶ Press 1 ▶ Select either 1 for selected files or 2 for all ▶ Copy function is disabled depending on the file type.

Files with file types that your cellular phone does not support is displayed with.



[Move]

Supported files among stored files can be move to the cellular phone.

Standby Mode ▶ Press 4 ▶ Press 7 ▶ press 2

Move function is disabled depending on the file type.

Files with file types that your cellular phone does not support is displayed with.

[Delete]

Selected file or all stored file can be deleted.

Standby Mode ▶ Press 4 ▶ Press 7 ▶ Press 3 ▶ Select either 1 for selected file or 2 for all ▶ (enter password and press key when 2 is selected)

[Rename]

Selected files among stored files can be renamed.

Standby Mode ▶ Press 4 ▶ Press 7 ▶ Press 4 ▶ Enter a new name ▶

For more details, refer to 'Character Input' on page 30.

[View Detail]

You can view details such as title, data, and size of selected file.

Standby Mode ▶ Press 4 ▶ Press 7 ▶ press 5



[View Memory Status]

This function displays the used Mini SD card space and unused space.

Standby Mode ▶ Press 4 ▶ Press 7 ▶ Press 6

■ Camera

Operation Method

You can take pictures, using the camera module embedded in your phone.
You can send photos to other people and use them as the background images.







Reverse effect: Allows you to rotate photos 180°.
Brightness: Allows you to adjust the brightness of photos.
Zoom: Allows you to adjust the zoom of photos.

Press this icon  to take a picture.

Photo Shot

You can take a picture to capture the image on the display.
You can take a photo by using WAP key.


Normal Shot

Select  (Menu)
▶ No  ▶ No 
▶ No 





When you press the shutter, the shutter sound is heard.
In Silent Mode, the shutter sound is not heard.
For text input mode, see page 55.

You can adjust the settings by accessing the options menu before taking a picture by pressing the  key.

Option

Image Size: Sets the image size to one of SQCIF 128*128, VGA 640*480 and QVGA 320*240.

Timer Setting: Selects the delay time at 10 seconds.

Screen Effects: Allows you to apply the tone you want to use. You can take a picture with various special effects.

Serial Shot

Select  (Menu) ▶ No.7 ▶ No.1 ▶ No.2



With this feature you can take pictures successively having set the image using the side buttons and the navigation key.(See page 114)

You can set the options.

Image Size: Sets the image size to one of SQCIF 128*128, VGA 640*480 and QVGA 320*240.

Shot Number: Sets the number of pictures you want to take. (Select one of the successive 3 and 6 shots.)

Sticker Shot


Select  (Menu) ▶ No.7 ▶ No.1 ▶ No.3 ▶ Select a background ▶ Take a picture ▶ Title Input ▶ Select .

Motion Shot

You can record motions for a short time.

Select  (Menu)
▶ No.7 ▶ No.2



1. Press the  key to record a motion.
2. After the recording has been finished, enter a title and save it. (Pressing the Save key will save your clip in the Motion Box.)



1. In recording a motion, no sound is recorded.
2. When you use this feature, the battery will be quickly consumed.

Photo Mail

Allows you to send the pictures newly taken or the ones already saved to other person's phones.

New Photo

Select  (Menu) ▶ No.7 ▶ No.3 ▶ No.1 ▶ Select  ▶ Select  ▶ Input Text ▶ Select  ▶ Input Text
▶ Select  ▶ No.1 ▶ Enter your recipient's phone number or e-mail address ▶ Send the photo mail



1. For text input mode, see page 55.
2. You can find out phone numbers or e-mail addresses in Phonebook to be entered.
(For further details, see page 41.)



Saved photo

You can send the saved pictures as an e-mail attachment.

Select ► No.7 ► No.3 ► No.2 ► No.1 ► Select an image ► Input Text ► Select ► Send ► Enter your recipient's phone number or e-mail address ► Send the photo mail.



You can find out phone numbers or e-mail addresses in Phonebook to be entered.
(For further details, see page 41.)

Photo Box / Motion Box

You can view the recorded pictures and motions. After viewing them, you can change the titles, delete the records and set the lock function.

Select (Menu)

► No.7

► No.4 or No.5

► No.1



Edit: Allows you to change the title of the selected picture.

Delete: Allows you to delete the selected picture.

Lock: Allows you to lock the selected picture. (Setting this lock function requires your password. After setting the lock function, you cannot view the records and change the titles.)

Set as wallpaper: Allows you to set as wallpaper. (However, excepting the motionbox.)

Setting

Sound

You can set the shutter sound and photo environment.

Select [Menu] (Meun) ▶ No.7 ▶ No.6 ▶ No.1 ▶ Shutter Sound or Timer Sound.

Lock Photos

You can prevent other person from viewing the content in your photo mailbox.

Select [Menu] (Meun) ▶ No.7 ▶ No.6 ▶ No.2 ▶ Lock or Unlock ▶ Enter Password ▶ Select [OK] (OK)

Lock Motions

You can prevent other person from viewing your motions.

Select [Menu] (Meun) ▶ No.7 ▶ No.6 ▶ No.3 ▶ Lock or Unlock ▶ Enter Password ▶ Select [OK] (OK)

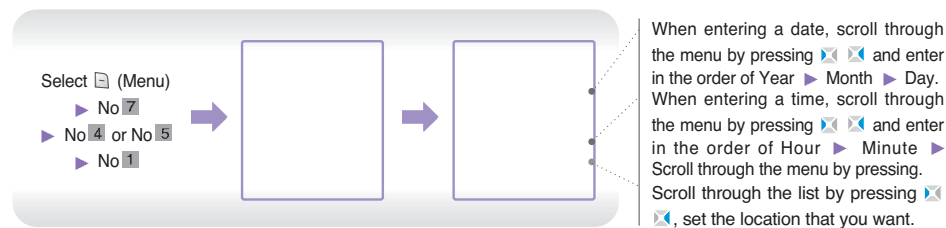
Settings

Phone Settings

Allows you to set the time, language, dial function and answering mode of your mobile phone.


Time Set

You can set the time and date displayed on the screen.



Language


Shows the choice of languages you can select from.


Select  (Menu) ► No.3 ► No.1 ► No.2 ► Select a language

➔ Scroll through the list by pressing  to select your language.

Answer Key



Allow you to select the incoming calls answering mode.

Select  (Menu) ► No.3 ► No.1 ► No.3 ► Select answer key

AnyKey: Open the folder and then press any key to receive a call. (However, excepting the Left, Right, , CLR key and Send, End key.)

Send Key: Open the folder and then press the Send key to answer the call.

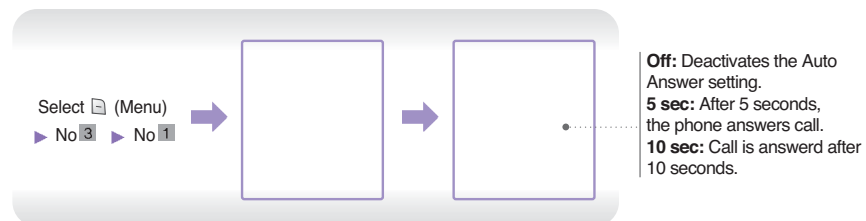
Folder Open: When an incoming call is received, open the folder to answer the call.

➔ Scroll through the list by pressing  and then select you setting by pressing the  key.

Ring Tone Management

Auto Answer

When using the hands-free kit whilst this function is activated, the phone automatically answers a calls after a set time.

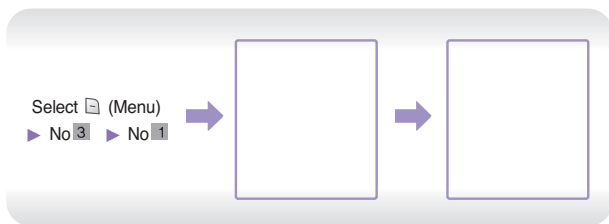


If the hand-free kit is enabled to this function the phone automatically answers a calls after a set time. Without the need to press and key.



Auto Redial

The phone automatically redials a phone number after an unsuccessful call.



➔ Scroll through the list by pressing and then select the option by pressing .

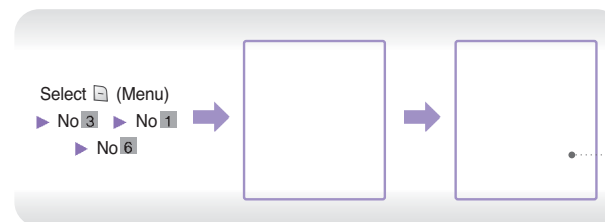
The interval of redialling is not identical each time.



Lighting

You can select the contrast of the screen displayed when opening the folder.

Time



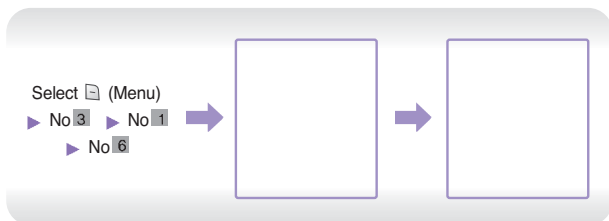
Always On: The backlight remains on continuously.
15/30/60 sec: The time that the back light stays on after the last pressed key.

➔ Scroll through the list by pressing and then select the time.




Contrast

This option allows you to adjust the contrast of the display screens.



The higher the LEVEL number, the lighter the screen becomes.

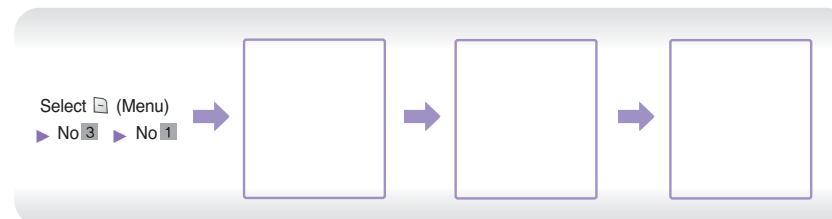
 The external display can be turned on with the folder closed by holding down the button on the side.




Factory Settings

Entering your password will reset all functions.

A confirmation prompt will appear when you enter your password, you can reset the phone by selecting YES.

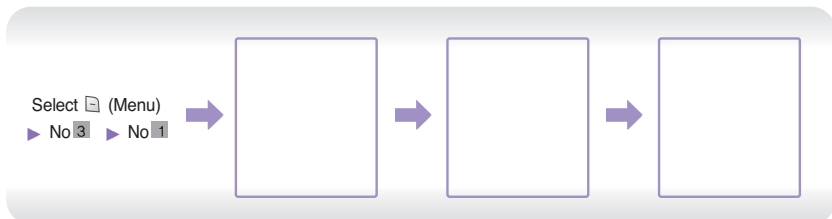


 The preset password is "0000".



Vodafone profiles

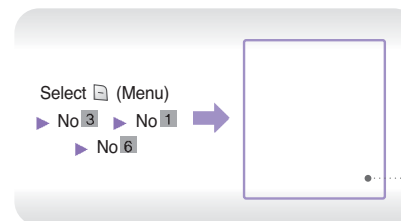
You can set the WAP profile and MMS profile of vodafone prepay and contract.



Call Settings

Call Divert

This feature enables incoming calls to be rerouted to the number you specify.



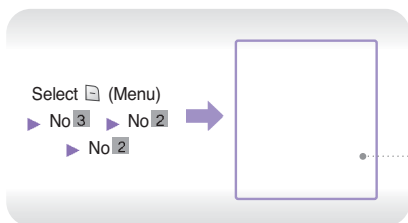
- Divert Always:** All Calls are diverted.
- Divert Unreach:** Calls are diverted if your phone is turned off, or not in an area covered by your service provider.
- Divert Busy:** Calls are diverted to the number you set if your phone is engaged on another call.
- Divert No Reply:** Calls are diverted if you do not answer the phone.
- Cancel All:** Call Divert options are deactivated.



You can divert incoming business calls to your colleague's phone number during your holiday. Scroll through the list using and then select an option using .

Call Barring

You can restrict your calls or network function including the following options.



Outgoing: Calls cannot be made.
International: International calls cannot be made.
Int exc. Home: When abroad, calls can be made to your home country.
All Incoming Call: Calls cannot be received.
When Roaming: When abroad, calls cannot be received.
Cancel All: All call barring options are deactivated.
Change Passwd: You can change your password.

Call Waiting

Select (Menu) → No.3 → No.2 → No.3

This feature allows you to keep an incoming call on hold while making another call.

Ring Tone Management

Send My No.

Select (Menu) → No.3 → No.2 → No.4

You can show your number to your recipient when you make a call.

Default: It depends on Network Settings.

Hide Number: You can keep your phone number from being.

Send Number: You can send your phone number to your recipient.



This feature is not available on all networks, for further details contact your service provider.

Network Sel.

This feature enables you to automatically or manually select the network used when roaming outside your home area.



You can select a network other than your home network if a valid roaming agreement is set up.

Ring Tone Management

To automatically or manually select the network when roaming press:
1.Auto: You are connected to the first available network when roaming.
2.Manual: The phone scans for other available networks.

You can select to be connected to them if this function is supported by your service provider.

Select  (Menu)

► No  ► No 
► No 



Organiser

You can save the date and time of an event in scheduler.

Scheduler

Search

Select  (Menu)

► No  ► No 



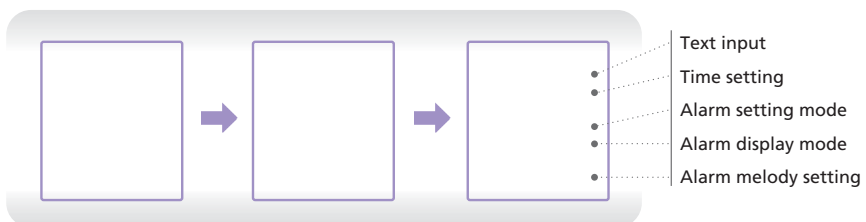


Make

This option allows you to input various scheduled events such as appointments and meetings into the phone.

Select (Menu) ▶ No.6 ▶ No.1 ▶ Enter Date ▶ Select (Options) ▶ No.2 ▶ Select

Schedule



Call: Sets the schedule of calls you need to make. The schedule is displayed when the set time is reached, you can make a call by confirming it.

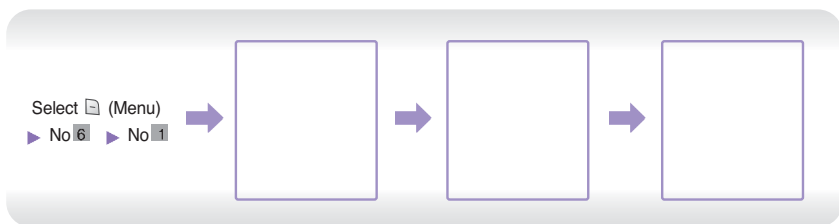
Anniversary: You can set dates to be remembered such as wedding anniversaries or birthdays. Follow the on screen instructions.



When the set time or date for a schedule is reached, related details are displayed and the alarm rings. You can enter several schedules on a same day. To stop the alarm ringing, open the folder and press any key. For text input mode, see page 55.



View



Day: Shows today's schedule event.
All: Shows all the schedule event entered.
→ Select an option by pressing [X].

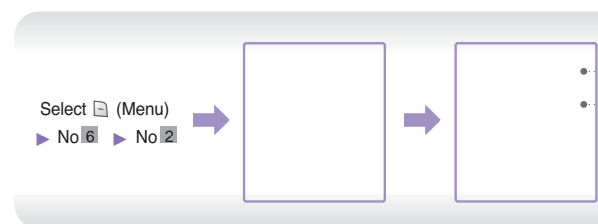
Delete All

This option will delete of all the schedules saved in your phone.

Alarm Set

Set Alarm

This option allows you to set an alarm to ring at a specific time.



Scroll to time Setting by pressing to enter a time.


• Daily: An alarm rings everyday at a set time.

• One Time: An alarm rings at once at a set time. Alarm setting mode.

Off/5min/10min/20min: Intervals of the alarm ring are as follows "off/5min/10min/20min"

Once an alarm has been set, you can see the Alarm Icon [Alarm Icon] on the display.
To stop the alarm when it rings, open the folder and press any key.



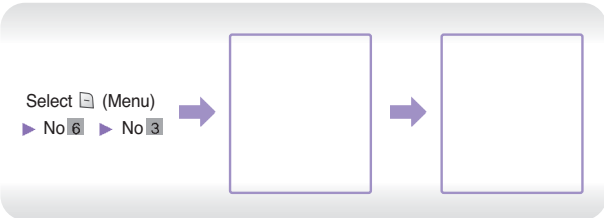
 In Silent Mode, the phone vibrates instead of ringing when the alarm time is reached.

Cancel Alarm
Deactivates the alarm.
The Alarm Icon (🔔) disappears.



Memo Box

Add
You can save 10 memos.



Edit and Delete
You can edit and delete your memos.
For text input mode, see page 55.

Calculator

You can perform addition, subtraction, multiplication and division computation.

Select  (Menu)

▶ No 





Number input
▶ Symbolic input
▶ Number input



When you have finished, press back key to exit.



Pressing the  CLR key for more than 1 second clears the display, whereas a brief press of the  CLR key will delete one digit.

D-Day

With this option you can check the remaining or elapsed time for an entered event.


Add

Select  (Menu)

▶ No 

▶ No 



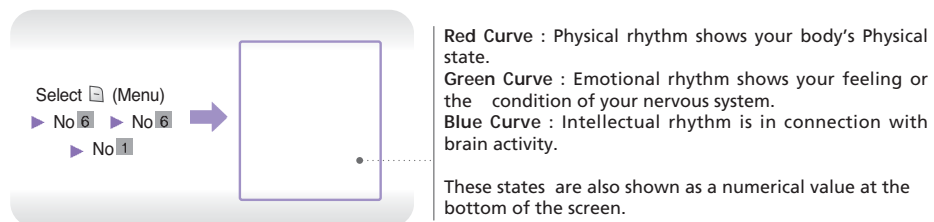
Scroll through the options using  and then enter necessary information. For text input mode.

Editing and Deleting events

After an event has been entered there is the option to edit or delete it if required.

Bio Rhythm

Upon entering birthdays, you can check the corresponding bio rhythms.



By pressing or , you can check the Biorhythm of a day you specify.

With Friend : Allows you to check another persons biorhythm on a same day.

Special Day : Allows you to check the biorhythm of a specific day.

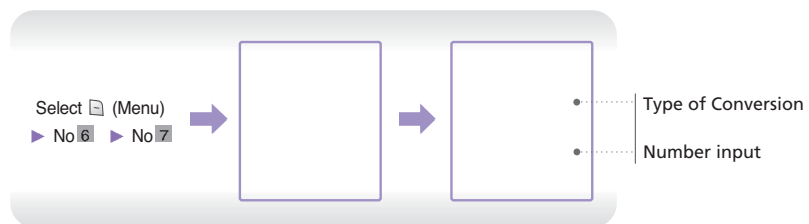
Setup : Before checking any biorhythm, you must enter your birthday and another persons if using the "with friend" option



Scroll through the menu by pressing or , enter a birthday in the order of Year ► Month ► Day.



Unit Convert

This option allows you to convert from one type of unit to another.

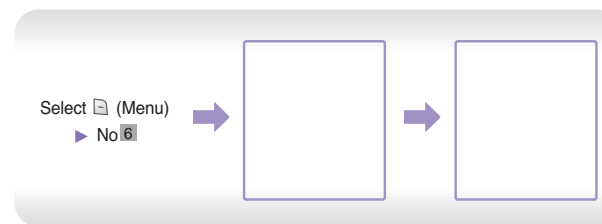



- Select the type of conversion by pressing  or :
From a choice of: Length, Weight, Volume, Surface, Temperature



World Time

With this option you can check the current time in various countries.



➔ By pressing , you can move the Time Zone.

■ Remote Control Function

Search

Using Remote Control Function, your cellular phone can be used as a remote controller for television, DVD, VCR, audio, LD/VCD, and Karaoke devices.

1. Press **key** in standby mode to enter the menu screen.
2. Select 9 to enter Joy World.
3. Select 4 to execute the remote control function.

Or press a button located below **key** to enter the remote function.

[Add a New Device]

This function adds a new device to remote control function.

Add by Learning

1. Locate a device to be added to the cellular phone's remote control function.
2. Once the device is in range, adding process starts.
3. Select one of dTV/ DVD/ VCR/ Audio/ LD/VCD.
4. Enter a file name.
5. When **key** is pressed, the cellular phone becomes standby mode. Press the remote device button according to instruction.

World Time

6. Press Skip to skip the step that asks you to enter button values.
7. If there is not any response from the device in 5 seconds, a message that asks you whether to restart the process is displayed.

Caution: Key addition is restricted to certain keys only. Incorrect button input may cause malfunction.

[Remote Controller List]

Switch on the added remote controller.

Remote Control Function ► Press 2 ► Select an item ► Use remote controller

Remote Controller Precaution

Make sure the device is firmly plugged into a power outlet.

When adding a device, run the steps after the device is switched on.

Depending on devices, some or all remote control function may not be supported.

While pressing buttons for remote control function, you may not be able to answer incoming phone calls.


Recommended distance to a device is 10m.

Depending on the purchase date, the remote control function may not function or may malfunction.

■ MP3 Player

You can always enjoy music using the embedded MP3 Player.


Save MP3 music files on a Mini SD memory card and insert it into your handset for playback.

In Standby mode, press the upper key of  to enter MP3 Player mode.

For further details on Mini SD memory card, refer to instructions on Gallery, "Mini SD Manager" on page 30.


MP3 Player


Using this function, you can playback MP3 music files stored in Mini SD memory card and change the MP3 Skin color.

1. In Standby mode, press the  key to display menu screen.
2. Press number 8 to enter MP3 Player.
3. Press number 1 to enter MP3 Player.


[Function Keys]


 key: Shows the list of MP3 files currently played back.


 key: Returns to menu screen from MP3 playback mode.


 Up and Down keys: Volume Control


Left and Right keys: Moves to the previous and next music file

 key: Play / Stop

 key: Volume Control



 key: Returns to the previous stage.

 key: Sets the Repeat to 1/ All / Off that specifies repeating option.

 key: Returns to Standby mode.



[Menu]

Standby mode ►  ► Number 8 ► Number 1 ► 

Shuffle

Shuffles and plays back music files in the list.

Setting it to On shuffles and plays back music files in arbitrary order where Off plays back music files sequentially in the order of list.

Repeat

Sets the repeating option of MP3 playback.

Off: Does not repeat.

1: Repeats the MP3 file currently played back.

All: Plays back all the MP3 files in the list and then repeats from the beginning.


Skin

You can choose the colour of the MP3 Player Skin.





Edit Playlist


You can choose an MP3 file to playback.

1. In Standby mode, press the  key to display menu screen.
2. Press number 8 to enter MP3 Player.
3. Press number 2 to enter Edit Playlist.

[Function Keys]


 key: Returns to the MP3 Player mode.


 key: Returns to the menu screen.


 Up and Down keys: Selects a Playlist

Left and Right keys: Moves to the previous and next music file

 key: Selects a music file



 key: Selects a Playlist

 key: Returns to the previous stage.

 key: Returns to Standby mode.



[Menu]

Standby mode ►  ► Number 8 ► Number 2 ► 

Select All: Selects all music files in the list to playback.

Clear All: Deselects all selected music files in the list.

Invert: Inverts your selection by deselecting selected files and selects not selected files.

Go To Player: Returns to MP3 Player mode.



■ Joy World

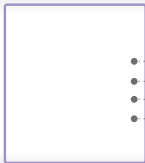
Services

Games

Enjoy the game!
Three games are provided. These are: Jump Jump, Prince Princess and Space Ball.

Select (Menu)

▶ No 6 ▶ No 1



- Start: Begins a new game.
- Stage: Begins a game at the level you want.
- Key Info.: Explains the key operation.
- Rank: Shows the highest score.

➔ Scroll through the menu by pressing and then select the option by pressing .

그 밖의 기능 사용하기

Other Functions

VK900
Camera & MP3

VK900

■ Safety Information

Password Input

There are several passwords that are used by your phone and its SIM card. These passwords help you protect your phone against unauthorized use.

Phone Password

The phone password is used for unlocking the keys, deleting all Phonebook entries, restoring the factory setting, and locking or unlocking the phone. If the Phone Lock feature is enabled, you must enter the password each time the phone is turned on.

This password can be used to avoid unauthorized use of your phone. The password is usually preset to "0000".

PIN Code


PIN(Personal Identification Number)code protects your SIM card against unauthorized use. The PIN code is usually supplied with the SIM card. When the PIN code request is enabled, the code is asked each time the phone is switched on.

If you key in incorrect PIN code three times in succession the phone will lock and you will be required to enter a PUK code. When you enter a new PIN code, you will have to enter your new password twice to confirm correct.



PIN2 code

Some SIM cards are provided with a PIN2 code. To use a function this code may be required. The use of this code requires the support of the SIM card.

If you key in an incorrect PIN2 code three times in succession, enter the PUK 2 code and then press the  key.

When you enter a new PIN2 code, you will have to enter it twice for confirmation and then press the  key.

PUK code

The PUK (Personal Unblocking Key) code is used for changing a blocked PIN code. This code is usually supplied with the SIM card, if not contact your service provider.

If you key in an incorrect PUK code ten times in succession the SIM card will become void and you must obtain a new card. As the PUK code cannot be changed, contact your service provider if you forget the code.



PUK2 code

The PUK2 code, supplied with some SIM cards, is required to change a blocked PIN2 code. If you key in an incorrect PUK2 code ten times in succession, you cannot use the functions requiring the PIN2 code. Contact your service provider for a new card. You cannot change the PUK2 code. If you lose the code, contact your service provider.

Barring Password

The 4-digit barring password is required when you use the Call Barring function. You can obtain the password from your service provider when you subscribe to this function.

Using the Batteries

The battery provided with the phone is a Lithium slim battery.

Precautions When Using Batteries

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby times are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging times depend on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only approved batteries and recharge your battery only with approved chargers. When a charger is not

in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and life-time of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 C (32 F).
- Accidental short circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the back of the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuit.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Safety Information

Traffic Safety

Do not use a hand-held mobile phone while driving a vehicle. If using a hand-held phone, park the vehicle before conversing. Always secure the phone in its holder, do not place the phone on the passenger seat or where it can break loose in a collision or sudden stop. The use of an alert device to operate a vehicle's lights or horn on public roads is not permitted.

Remember, road safety always comes first!

Operating Environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your mobile phone.

Pacemakers

Using the phone within 6 inches (20 cm) may cause a potential interference with a pacemaker.

Persons with pacemakers:

- Should always keep the phone more than 6 inches (15 cm) from their pacemaker when the phone is switched on.
- Should not use the phone near around their chests.
- Should use the ear opposite the pacemaker to minimise the potential for interference.
- If you have any reason to suspect that interference is taking place, switch off your phone immediately.



Hearing Aids

Some digital mobile phones may interfere with some hearing aids. For more information, contact your service provider.

Other Medical Devices

Electromagnetic waves generated from the cellular phones may dangerously affect medical devices. Switch off your phone in health care facilities in accordance with their regulations.

Car

Electromagnetic wave signals may affect improperly installed or inadequately shielded electronic systems in a car. Check with the manufacturer regarding your car before using your phone.

Potentially Explosive Atmospheres

Switch off your phone 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. Users are advised to switch off the phone while at a refueling point (service station). Also switch your phone off when your are below deck on boats; in chemical transfer or storage facilities and in vehicles using liquefied petroleum gas as the air may contain chemicals or particles such as grain, dust or metal powders.



Vehicles

Only qualified personnel should service the phone, or install the phone in a vehicle. Faulty installation or service may be dangerous

Check regularly that all mobile phone equipment on your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

Do not install your mobile phone equipment near an air bag. If the air bag inflates, your phone may be damaged.

Switch off your phone before boarding an aircraft. The use of mobile phones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network and may be illegal.

Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Emergency Calls

Important!

This phone, like any mobile phone, operates using radio signals, wireless and landline networks as well as user-programmed functions that cannot guarantee connection in all conditions. Therefore, you should never rely solely upon any wireless phone for essential communications (for example, medical emergencies).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and phone features are in use. When you cannot use this function, contact your local service provider.

To Make an Emergency Call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 999 or other official emergency number). Emergency numbers vary by location.
3. Press the key. (Press the SOS key)

If certain features are in use (key guard, restrict calls, etc.), you may first need to turn those features off before you can make an emergency call. Consult this document and your local cellular service provider. When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be only means of communication at the scene of an accident-do not cut off the call until given permission to do so.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. Carefully read the following information:

- Keep it and all its parts and accessories out of small children's reach.
- Keep it dry. Precipitation humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use or store it in dusty, dirty areas.
- Do not store it in hot or cold areas. High or low temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store it in cold areas. When the phone warms up (to its normal operating temperature), moisture can form inside the phone, which may damage the phone.
- Do not drop, knock or shake it. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth slightly dampened in a mild soap- and water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications of attachments could damage the phone and may violate regulations governing radio devices.
- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility.

■ Glossary

Airtime

Actual time spent talking on the wireless phone. You are billed according to this reference.

Antenna

A device for transmitting or receiving signals. The size and shape of antennas is determined, in part, by the frequency of the signal they receive. Wireless phones and the base station must have antennas.

ALS (Alternate Line Service)

ALS provides the capability of associating two alternate lines with one SIM card. You can make and receive calls on either line as desired with this service.

Call Barring

Ability to restrict outgoing and incoming calls.

Call Divert

Ability to reroute calls to another mobile or fixed line.

Call Holding

Ability to put one call on standby while answering or making another call; you can then switch between the two calls, as required.

Call Waiting

Ability to inform users that they have an incoming call when engaged on another call.

CLI (Caller Line Identification) Service

Service allowing subscribers to view or block the telephone numbers of callers.

Conference Calling

Ability to establish a conference call involving up to five additional parties.

DTMF

(Dual-tone Multi Frequency) You send DTMF signals when you enter numbers by pressing the digit keys.

Hands-Free

A feature that permits a driver to use a wireless phone without lifting or holding the handset -an important safety feature for automobiles, tractors and most other motorized vehicles.

GSM (Global System for Mobile Communication)

International standard for cellular communication, guaranteeing compatibility between the various network operators. GSM covers most European countries and many other parts of the world.

LCD (Liquid Crystal Display)

Commonly used to refer to the screen display on the wireless phone.

LED (Light Emitting Diode)

Commonly used to refer to a small light on the wireless phone or on the Desktop Charger. The lights on the charger indicate that battery charging is taking place.

PIN (Personal Identification Number)

Security code that protects the phone against unauthorized use. The PIN is supplied by the service provider with the SIM card. It may be a four to eight-digit number and can be changed, as required.



PUK (PIN Unblocking Key)

Security code used to unlock the phone when an incorrect PIN has been entered three times in succession. The eight-digit number is supplied by the service provider with the SIM card.

Roaming

Use of your phone when you are outside your home area (when traveling for example).

SIM (Subscriber Identification Module)

A card containing an integrated circuit. The circuit contains the information about the phone operation.

SMS (Short Message Service)

A network service sending and receiving messages to and from other persons without the need to call. The incoming messages immediately appear on the display, and you can edit, receive and send the messages.



Soft Keys

The function of this key:

- Varies according to the function that you are currently using.

- Is indicated on the bottom line of the display just above the corresponding key.

Voice Mail

When you cannot be reached, you can record your voice using this function.

Wireless

Receives signals. There is not need to connect using a physical connection, such as a metal wire (copper) or fiber optic cable.

For more details, contact your local service provider. There may be some differences between the phone and user manual.

Caution: Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF EXPOSURE INFORMATION

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, damaged 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

For body-worn operation, The SAR testing of the device was performed using a 1.5cm air gap, which corresponds to using clips and holsters that contain no metallic components and meets FCC RF exposure guidelines. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure compliance and should be avoided.

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

Specific Absorption Rate (SAR) for Wireless Phones

The SAR is a value that corresponds to the relative amount of RF energy absorbed in the head of a user for a wireless handset. The SAR value of a phone is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less than the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SAR's do not represent a variation in safety. All phones must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model phones do not mean variations in safety. SAR values at or below the federal standard of 1.6W/kg are considered safe for use by the public.

The highest reported SAR values of 0.629 are:
PCS1900 mode (Part 24)- Head: 0.077 W/kg; Body-worn: 0.629 W/kg

FCC Radio Frequency Emission

This phone meets the FCC Radio Frequency Emission Guidelines. FCC ID number: SBWVK900

More information on the phone's SAR can be found from the following FCC website: <http://www.fcc.gov/oet/fccid>