



# User Manual

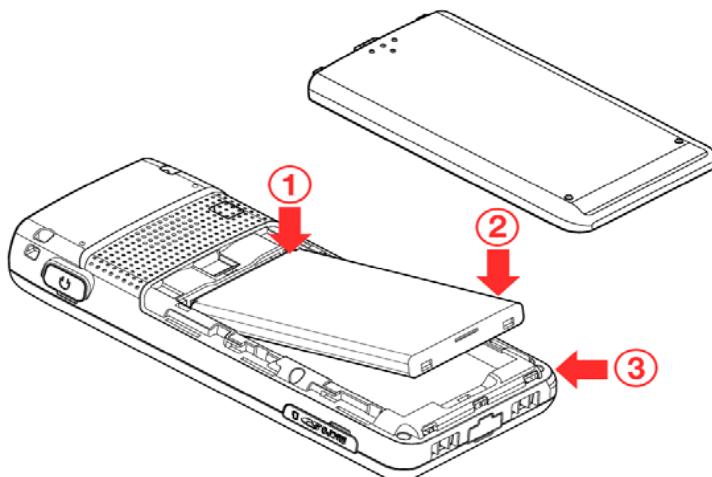
This manual includes product specifications and instructions on WiFi phone operation. This manual must be read before operating the product.  
⚠ A WiFi phone access point is required to use this product. Usage of the WiFi access point provided in the full package is recommended.

# Battery Replacement

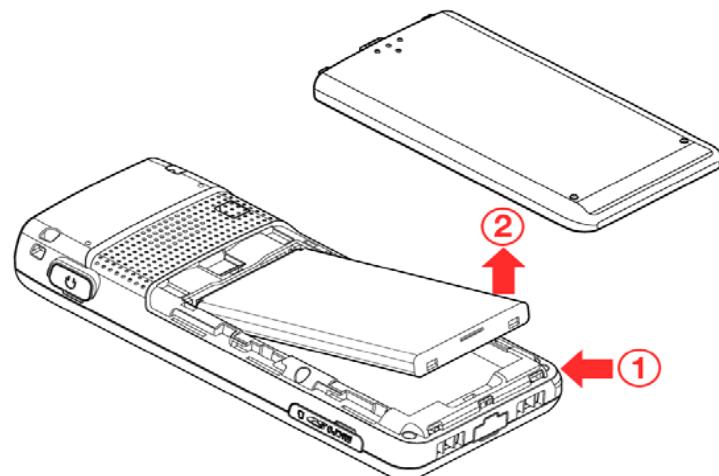
## Battery Replacement

Use ones authorized by the company when you replace batteries, following the figure below.

### Battery installation method



### Battery removal



If battery is inserted upside down, WiFi phone will not work.

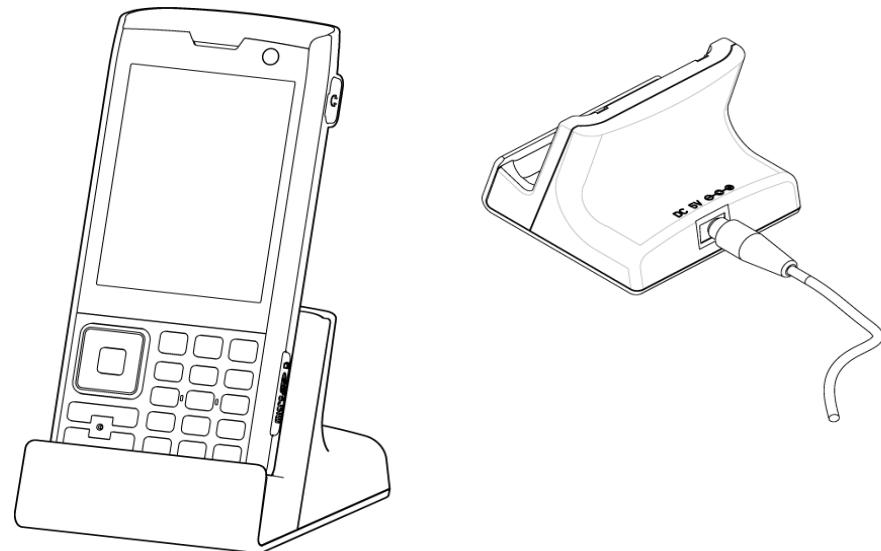
Please turn off the power before removing battery from WiFi phone.  
(a sudden power off can cause troubles)

## Time Taking to Charge / Battery Life

### Charge the battery

Charge the battery after purchasing the product as it is not fully charged.

### Charging with the desktop charger



Features	Charging	Charging Complete
Charging Lamp	RED	GREEN

※ Lamp on the charger flickers? Separates the battery from the charger, and then, re-fits into the charger. It still flickering? Then, cleans a charging terminal and charges the battery. (When the lamp doesn't stop flickering, apply to the service center.

## Time Taking to Charge / Battery Life

### Time Taking to Charge / Battery Life

Model	Standard Model
Charging time	3 hours 30 minutes
Battery life (continuous calling)	Voice
	Video

※ Battery life varies with the environment temperature, battery age and movement of the user.

- Battery life is not permanent
- Hours of usage
- Lithium ion polymer
- WiFi

⚠ Successive use time and standby time of batteries are the estimates of the company's laboratory, which can be different from the figures in manual depending on the patterns they are used

## Insert / Remove the microSD card

### Insert a micro SD card

Use Only compatible micro SD cards approved by UniDATA for use with this device. UniDATA uses approved industry standards for memory cards, but some brands may not be fully compatible with this device. Incompatible cards may damage the card and the device corrupt data stored on the card.

The phone supports microSD cards up to 16GB.

1. Open the side cover of the microSD.
2. Insert the card into the microSD card slot with the contact surface facing down, and press it until it locks into place.
3. Close the side cover.

### Remove the micro SD card

1. Make sure that no application is currently accessing the microSD memory card.
2. Open the side cover of the microSD.
3. Press the microSD card slightly in to release lock, and pull the card out.

Important : Do not remove the memory card in the middle of an operation when the card is being accessed.

Removing the card in the middle of an operation may damage the memory card as well as the device, and data stored on the card may be corrupted.

You can remove or replace the microSD card during phone operation without switching the device off.

 The brands may be fully compatible with this device :  
Sandisk, LG, Samsung, Memorette, Transcend

## Power On / Off

If you want to turn on the power, keep pressing  for 3 seconds or more.

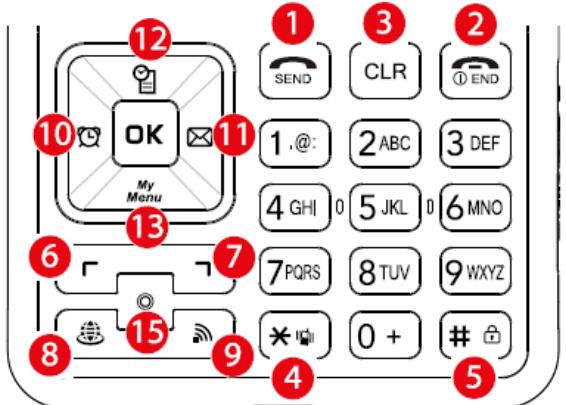
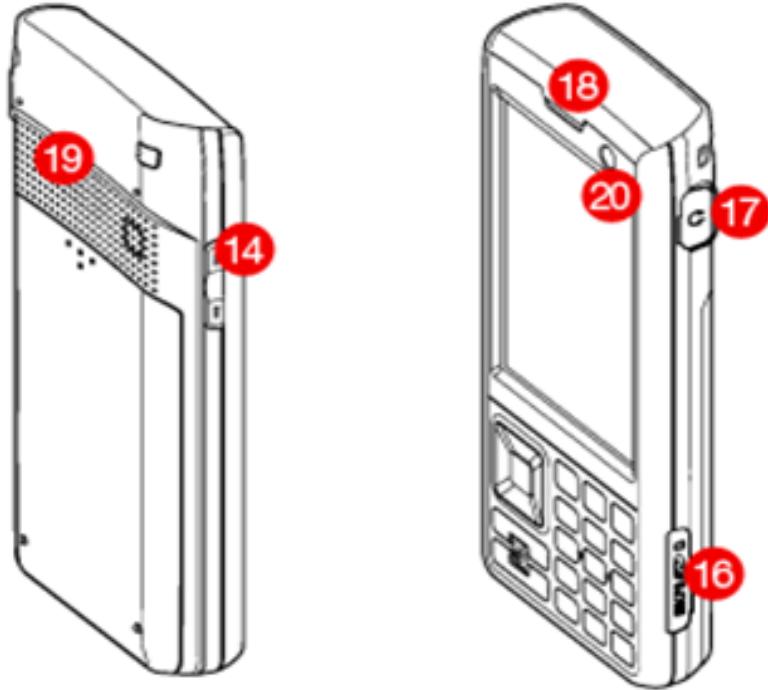


If you want to turn off the power, keep pressing  for 3 seconds or more.



 If abnormal works take place, or the power button does not work while using WiFi phone, start the phone after removing and inserting the battery. Turn on the power after waiting for 5 seconds or more when you restart the phone

## Names & Function of Device Parts



1	Send Key Used for receiving and making calls	6	Left Selection Key
2	End Key Used for end a call and to switch the power ON/OFF	7	Right Selection Key
3	Clear Key Removing characters or moving to previous screen.	8	
4	Vibrate Press and hold to vibrate when you receive a call	9	AP Search Key
5	Key Lock Lock and unlock the keypad.	10	Alarm Shortcut
		11	Using Message function
		12	Calender
		13	Using user-defined function
		14	Volume Control
		15	MIC
		16	Micro SD Insert hole
		17	Earphone
		18	Earpiece
		19	Speaker
		20	Camera

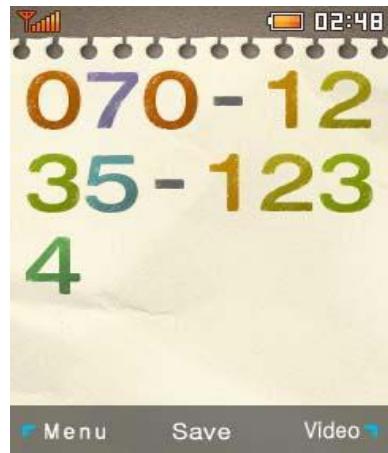
# Display Indicators



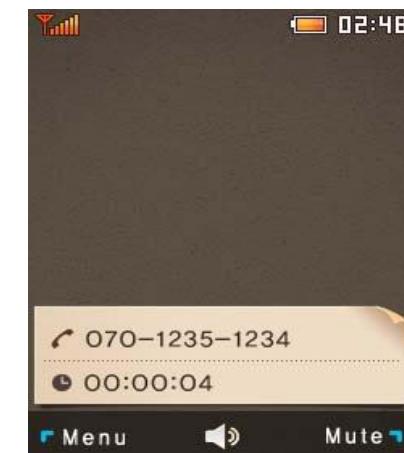
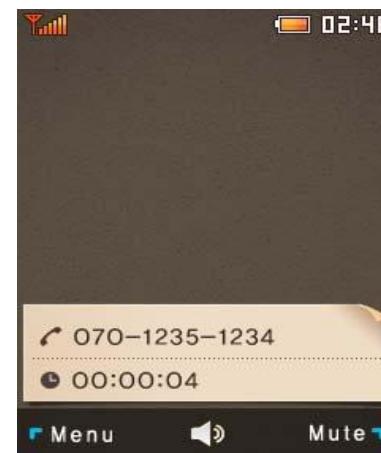
	Signal strength
	Out of call coverage
	Call trial or connection
	Call not available
	You have selected the sound setting to bell
	Setting to mute, displayed when the volume is set to "0"
	Vibration Mode
	Silent Mode
	An Alarm is set
	You have one or more unread messages in the Inbox folder
	Setting to call forwarding service
	Remaining battery life
	Full
	Shortage
	Empty
	Being connected to network
	Shows that the keys are locked. Key operation is disabled
	MicroSD card is being accessed

# Calling Method

## Voice Calls



Call  
Connect

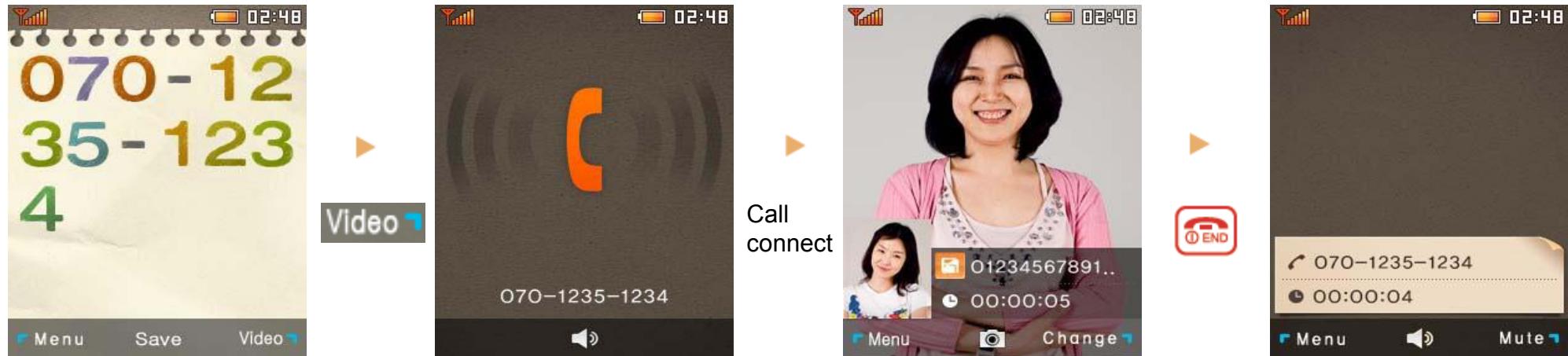


In standby, enter the numeric keys and then press key

※ Call quality may become reduced with increased distance away from the access point.

# Calling Method

## Video Calls



In standby, enter the numeric keys and then press **Video**

※ Call quality may become reduced with increased distance away from the access point.

# Calling Method

## Call logs



### Redialing recently used numbers

You can make voice or video calls by dialing recently used numbers (incoming, outgoing, missed, received/sent text messages). During stand-by, press the SEND key and then select the phone number you want to call.

- Select VIDEO in the menu if you want to make a video call.

### Speed dialing

You can speed dial saved numbers to make calls quickly and easily. During stand-by, press the speed dial number and then press the SEND key to make a call.

- Press the VIDEO key to make a video call.

# Calling Method



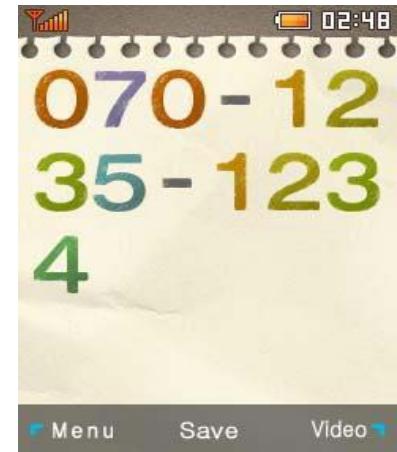
▶ Number Key



▶



▶ Ok



▶



## Auto-search

Press a part of the number you want to call to auto-search the phonebook and display the results. Select a phone number and press the OK key.

- Press the VIDEO key to make a video call.

# Using the Menu During a Voice Call



## Making a voice call

•Refer to page 21-24.

## Taking a voice call

Press the SEND key to take an incoming call.

Press the END key to reject an incoming call.

## Using the menu during a voice call

Convert to video call: Convert the current voice call to a video call without ending the call.

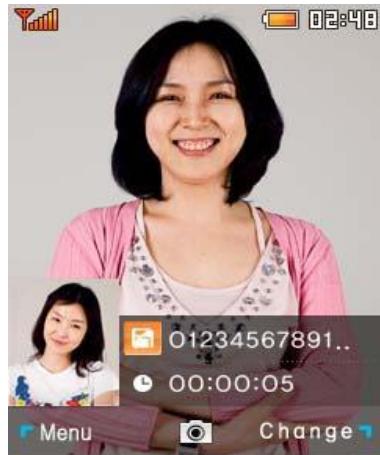
Phone book: Search the phone book.

Send message: Send a message during a call without ending it.

Memo: Write and save a message during a call.

( ): This function stops your caller from hearing your voice temporarily. The caller's voice can still be heard.

# Using the Menu During a Voice Call



## Making a video call

•Refer to page 21-24.

## Taking a video call

Press the ( ) key when the message "Incoming video call" is displayed.

Press the ( ) key to reject the incoming call.

## Using the menu during a video call

Convert to voice call: Converts the current video call to a voice call without ending it.

View my picture: Turns off your picture and displays your caller's picture only. (Changes to 'Hide my picture' when your picture is in display.)

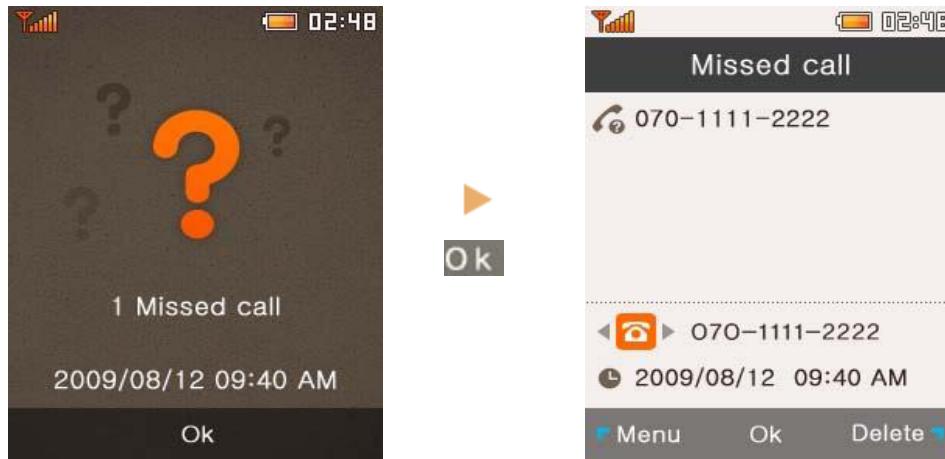
Phone book: Searches the phone book.

Send message: Sends a text message without ending the current call.

Memo: Write and save a memo during a call.

( ): Select a photo or video to display.

## Missed call



If you have missed call, press **Ok**, and the last one of those calls will be answered.

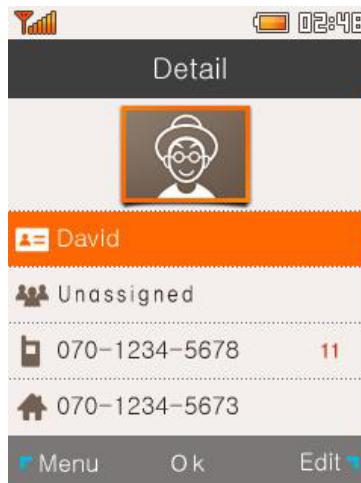
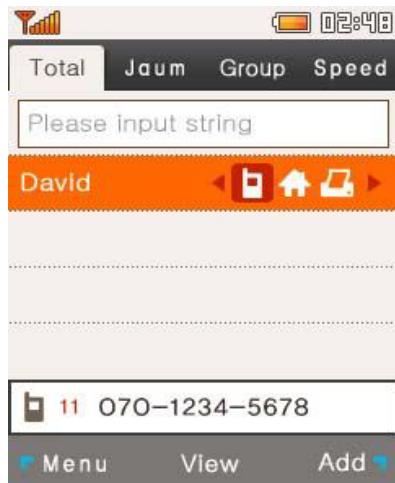
To see calls arrived in your absence from the call list, press **Ok** and **Ok**.

# Phone Book

Right select key  for shortcut

Left selection key  ( Menu > Contacts > Search contacts )

Enter a part of a name, phone number or e-mail address to search for a phone number.



Search all: Search by a part (more than 1 character) of a name, phone number or e-mail address.

Search by letter or digits: Enter letters or digits, then all names starting with these letters/digits will be displayed..

Search by group: Select a group to search in (unspecified, standard groups, custom groups).

Shortcut key search: Enter a set shortcut number to search for a phone number.

Enter the name of the person you want to call and press the **View** key to call a number saved in the phone book.

Press the  key to edit the saved details.

Press the  key to call a found number.

You can search for phone numbers just by pressing '**Search**' in standby mode. If you want to call at the phone number selected, press .

# Phone Book

## 1. Phone Number Search - Menu (for a saved number)



## 2. Phone number search – video call

1. Press the  to make a video call from the phone book you selected.
  - The phone number selected must be compatible with video calling.
  - A video call will be converted to a voice call if the dialed number does not support video calling or if the video call receiver is in an area where video calls cannot be made.

## 3. Add new contacts – from phonebook

1. Press  and select > Add contacts on the Phone Book Menu.

# Phone Book

## 1. Phone Number Search - Menu (for a saved phone number)



## 4. Phone Number Search - Delete

Press  and select > Delete on the Phone Book menu.

Delete a selected number.

## 5. Phone Number Search – Delete All

Press  and select > Delete all on the Phonebook menu.

Press 'Yes' after entering the password to delete all saved numbers.

- Take note that if you select Delete All, all stored phone numbers stored will be deleted.

Check again before deleting as deleted phone numbers cannot be recovered.

# Phone Book

## 2. Add new contacts ( Menu > Contacts > Add contacts )

Add new phone number and other details.



Up to 1,000 phone numbers can be saved.

※ Each type of phone number can be selected. If more than 2 phone numbers are to be saved, one phone number must be selected as the main phone number.

Image		Save a picture. (Press and select)
Name		Save a name. (Up to 16 alphabet characters)
Group		Assign a group. Press ( ) to add a group.
Phone Number		Save a phone number. Select a main phone number and phone number type. Press the shortcut key to assign a speed dial number.
Add number		Add a new number. Up to 5 phone numbers can be saved. (Select an icon and press OK to save)
E-Mail Address		Save an e-mail address.
Messenger		Save messenger details.
Bell Sound		Assign a ring tone.
Birthday		Save a birthday. (Can be saved on the scheduler)
Memo		Save a memo. Up to 34 Korean characters and 65 alphabet characters can be saved.

# Phone Book

You can add new number in standby mode.

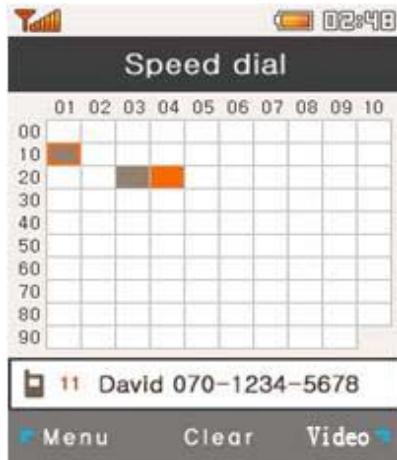
Dial a phone number and press **SAVE** during stand-by to save phone numbers.



# Phone Book

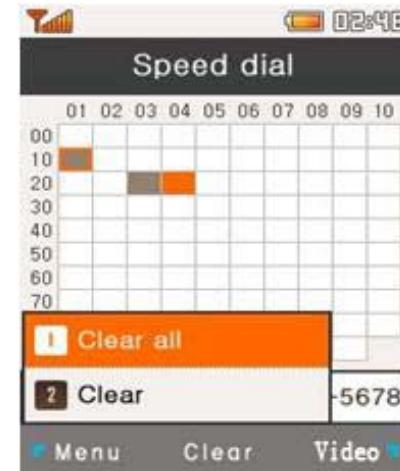
## 3. To set speed dial, select ( Menu > Contacts > Speed dial )

Set speed dial numbers for phone numbers saved in the phone book that are frequently called (up to 99 speed dial numbers can be saved).



1. Select a speed dial number and press SET.
2. Search for a phone number in the phone book.
3. Select a phone number and press SELECT to complete the setting.

 **> Move** : Moves a phone number to a different speed dial number.  
**Clear** : Clears an assigned speed dial number.



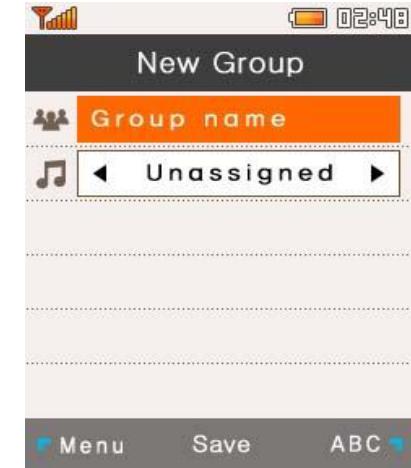
**View Speed Dial Number List:** Displays a list of saved speed dial numbers.

**Clear All:** Clears all saved speed dial numbers.

※ Select a speed dial number and press  to make a call.

# Phone Book

Group Settings  ( Menu > Contacts > Group Settings )+ Edit a group to assign a phone number to or add a new group.



**Edit**

Select a group to edit and change the group name and ring tone.

Up to 30 groups can be set.

Group name: Enter a group name (12 Korean characters, 24 alphabet characters)

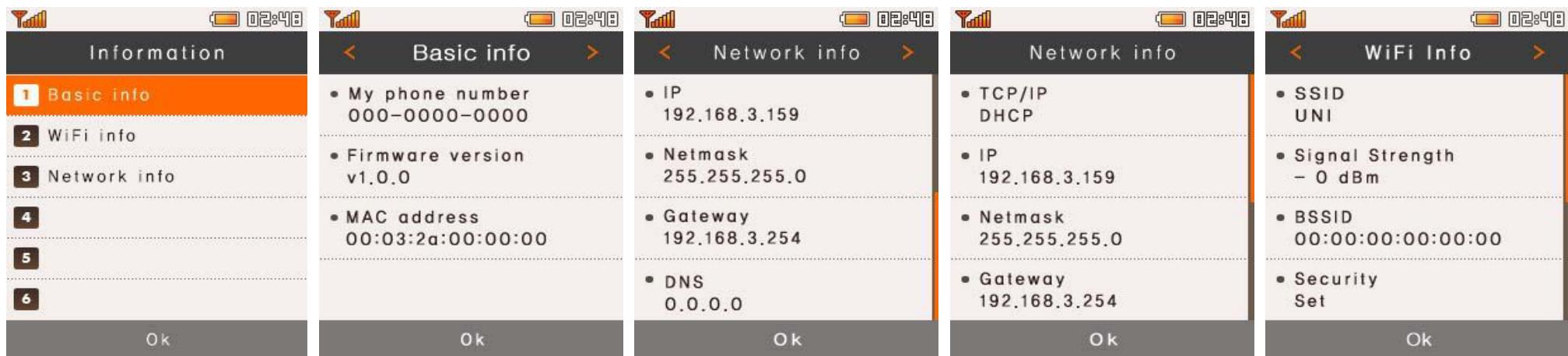
Group ring tone: Assign a ring tone to a group.

\* Incoming call from a phone number assigned to a group will sound the selected ring tone. However, the group ring tone will be ignored if another ring tone is assigned in the phone book.

# Settings

Left selection key (Menu) > **Settings > Information**

You can see the setting information of WiFi phones.



## Basic Info.

My phone number, Firmware version, MAC address

## Wifi Info.

Displays the access point or wired/wireless router the WiFi phone is connected to.

SSID, Signal Strength, BSSID, Security, Channel, Beacon Interval

## Network info.

Displays the IP address, netmask, gateway and DNS address.

## Wifi Info.

Displays the access point or wired/wireless router the WiFi phone is connected to.

SSID, Signal Strength, BSSID, Security, Channel, Beacon Interval

# Settings

Left selection key (  Menu) > **Settings > System > SIP** )

You can see the setting information of WiFi phones.



## Sip Account.

If you select SIP, the following options will appear:

- Phone number – Enter your registered phone number from SIP server
- User name – Enter your authorized user ID
- Password – Enter your authorized password
- Proxy – Enter the address of SIP server

# Wi-Fi Settings

Press the short key  to set Wi-Fi

Left selection key ( Menu) > Setting > Wi-Fi )

## Wi-Fi Settings.

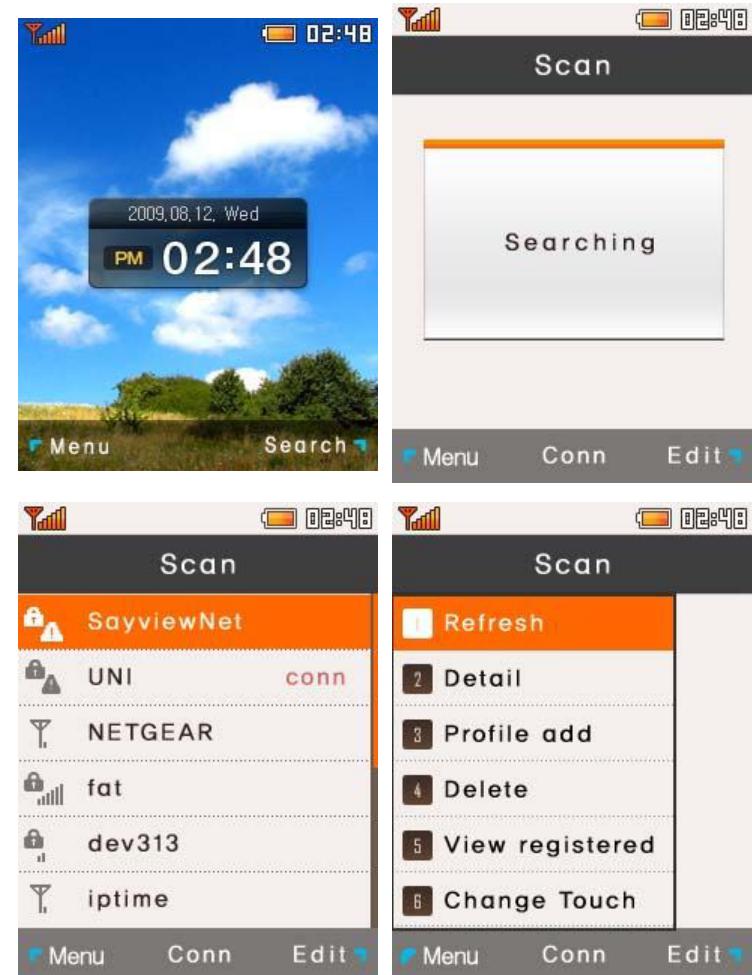
If you select Wi-Fi, the following display will appear:

### 1. Display registered Wi-Fi profile (Top)

- If there is no registered Wi-Fi, a default profile will appear
  - SayviewNet is a default profile.
  - SQ-3000 can register Wi-Fi up to 4
  - Default Profile 1 + Registered from User 3

### 2. Display scanned AP list. (Bottom)

- Display strength signal and SSID of scanned AP
- Hidden AP will not display



# Wi-Fi Settings

## Wi-Fi Menu lists

- Refresh : Refresh the scanned AP
- Detail : Detail information of selected AP
- Profile add : Add new profile.
- Delete : Delete selected item ( It displays on the menu when you select registered AP list )
- View registered : See registered Access Point ( It displays on the menu when you select registered AP list )
- Change touch : It shows Access Point that you searched as icons. And you can drag the icon to connect access point.

## Wi-Fi Settings.

There are 3 ways to register AP

### 1. Add profile from Menu

Select  menu > Profile add

SSID setting : Enter SSID name

Security setting : You can configure security to use.

Networking setting : You can set Network DHCP or manually

### 2. Add profile from AP list

Select  add

SSID setting : SSID will set to automatically.

Security setting : You can configure security to use

Networking setting : You can set Network DHCP or manually

### 3. Add profile to Temp

Select OK or Temp

Security setting : You can configure security to use

Networking setting : You can set Network DHCP or manually

 If you add profile to temp, it does not mean to registered. You should connect to this AP manually every time when you connect to AP

# Specification

## Product Specification



Certified Company	UniDATA Communication Systems INC
Device Name	Wireless Data Communication system wireless appliance
Model	SQ-3000
Citification Number	
Manufacture	UniDATA Communication Systems INC
Manufacture country	Republic of Korea

Frequency Band	802.11b/g	2412MHz ~ 2462MHz
	802.11a	5745MHz ~ 5825MHz (11a) 5180MHz ~ 5240MHz (11a -Non DFS)
Operating Channel	802.11b/g	Ch 11
	802.11a	11a : Ch 5 11a-Non DFS : Ch 4
Transmission Output (Peak Value)	802.11b/g	2412MHz ~ 2462MHz (11b/g) 16.78 dBm
	802.11a	5745MHz ~ 5825MHz (11a): 13.14dBm 5180MHz ~ 5240MHz (11a -Non DFS): 16.33 dBm
Dimensions	125(L) x 58(W) x 17(T)	
Weight	135g	
Temperature Range	Operation: 32 to 122°F (0°C~50°C)	
Relative humidity	10%~80%	
Battery	3.7V/, 1450mAh	

**⚠** This equipment may occur crossed electronic wave and can not offer the service that regarding men's safety

**FCC ID: SQMSQ-3000**

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.
- (2) This device must accept any interference received, including interference

that may cause undesired operation. Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement: This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. 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.

Frequency band of 5.15GHz to 5.25GHz is restricted to indoor used only to reduce any potential for harmful interference.