UniData Communication Systems

SQ-3000

User Manual

This manual includes product specifications and instructions for SQ-3000 phone operation. This manual must be read before operating the product.
⚠ The SQ-3000 phone access point is required to use this product. Usage of the SQ-3000 access point provided in the full package is recommended.

Safety Precautions

Do not put the SQ-3000 in heating appliances such as heaters and microwave ovens to dry it if the device is wet.
This can cause explosions, deformation, or other problems. If this occurs, free services shall not be provided.

Do not use the SQ-3000 in places that are too hot or too wet (keep it indoors between 0 ℃ and + 50 ℃).
If the device gets wet with rain, or through spilled beverages, or is used in extremely hot/wet places such as public saunas, it can cause battery explosions.

Be careful that conductors such as necklaces, keys, and coins not to contact battery terminals (the metal section).
Since short circuits can cause explosions, be careful to prevent this.

Keep the SQ-3000 and chargers out of the reach of children or pets.
Batteries in the mouth, or using broken batteries, can hurt or cause electric shocks.

Be sure to only use the designated batteries and accessories for the SQ-3000 provided by our company.
If you use unauthorized batteries or accessories, it can reduce the life of the SQ-3000, cause explosions, or damage. If this occurs free servicing is avoid .

Correctly install the SQ-3000 in compliance with instructions.
Otherwise, abnormal operation of the SQ-3000, or a reduction in its life span may occur.

Record and keep the information contained in the SQ-3000 separately.
Since important information stored in the SQ-3000 can be removed due to unavoidable circumstances such as user carelessness, maintenance, and product upgrades, please keep a record of important information. Take note that the manufacturer will not take responsibility for any damage from the loss of information.

Never push the power button when the SQ-3000 is wet, and do not touch the SQ-3000, charger, or power cords with wet hands. This can cause fires or electric shocks. The SQ-3000 is not water-resistant. Keep it dry

Do not use chemical detergents such as benzene, thinners, and alcohol to clean the SQ-3000.
This can cause fires.

Safety Precautions

Do not hold the SQ-3000 to your ears to turn on the power. This can cause hearing impairments or physical injuries.
Do not look at the infrared window in a direct way when using the remote control. this can cause visual impairment.

Refrain from the use of SQ-3000, and leave the power cord for the charger unplugged when it is thundering and flashed lightning.
Thunderbolts can cause severe physical injuries or fires.

Do not disassemble the SQ-3000 temporarily, or apply shocks to device.
If the device is damaged when you disassemble it, or inflict shocks on the device, it causes electric shocks, electric leakage or fires.

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Basic Components

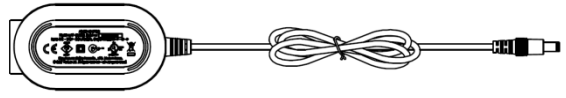
The Basic Components as shown below may be different from the original.
For safety in use, please purchase authentic products. If you want to purchase additional batteries or chargers, contact your dealer.

Phone

Cradle

Battery

Manual



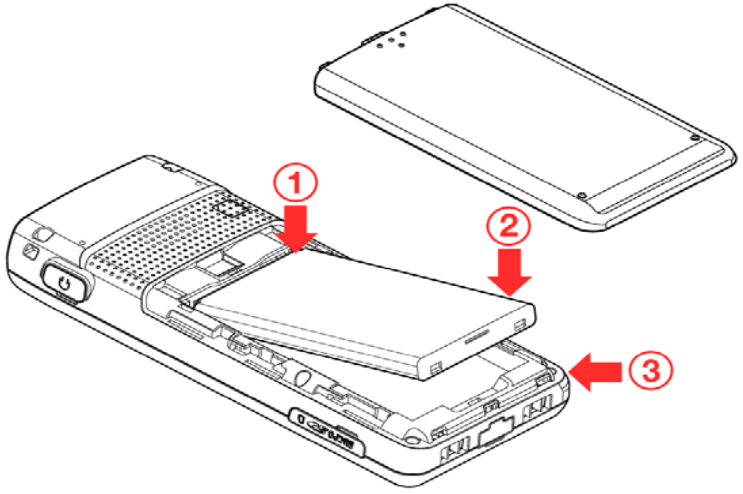
Adapter

Battery Replacement

Use only batteries authorized by the company when you replace batteries, following the diagram below.

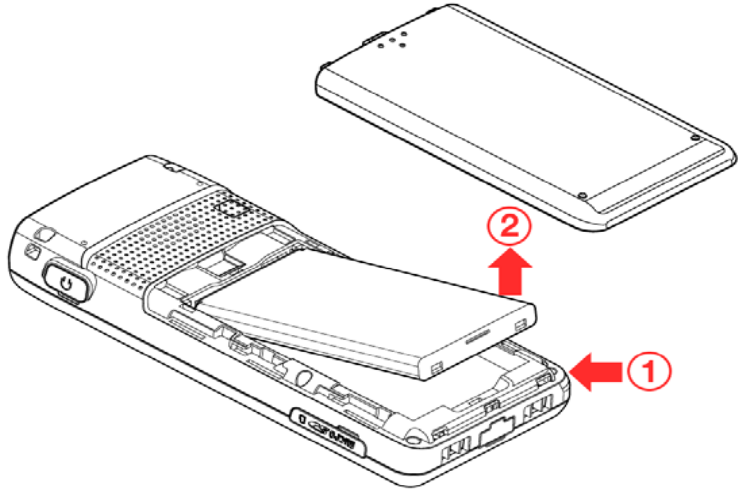
⚠ CAUTION
RISK OF EXPLOSION IF A BATTERY IS REPLACED WITH AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Battery installation method



If the battery is inserted upside down, the SQ-3000 phone will not work.

Battery removal



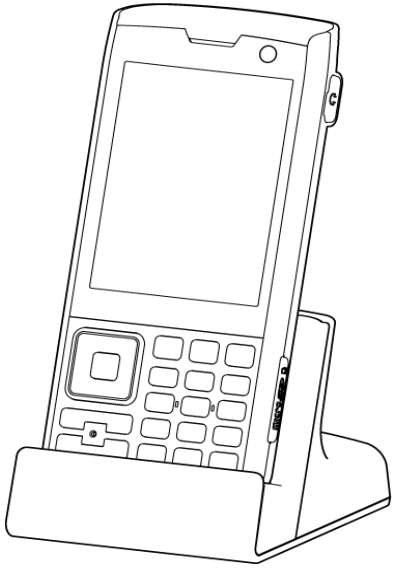
Please turn off the power before removing the battery from the SQ-3000 phone. (a sudden power off can cause problems)

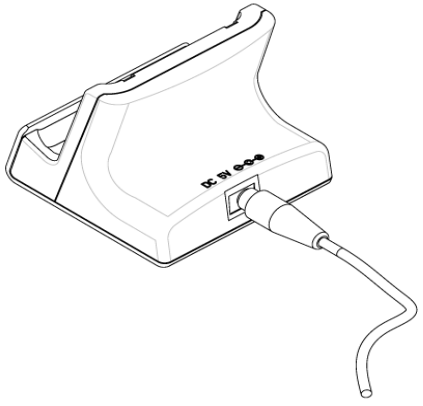
Time Taking to Charge / Battery Life

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? Separate the battery from the charger, and then re-fits into the charger. It is still flickering? Then, cleans the charging terminal and charge the battery. (When the lamp doesn't stop flickering, apply to the dealer.)

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	6 hours
	Video	3 hours

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

-Battery life is not permanent

⚠The successive use time and standby time of batteries are the estimates of the company's laboratory, which can vary from the figures in the manual depending on the patterns used

Inserting / Removing the Micro SD card

Inserting the 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, the device and corrupt data stored on the card.

The phone supports micro SD cards up to 8GB.

1. Open the side cover of the micro SD slot.
2. Insert the card into the micro SD 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 micro SD memory card.
2. Open the side cover of the micro SD slot.
3. Press the micro SD 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 micro SD card during phone operation without switching the device off.

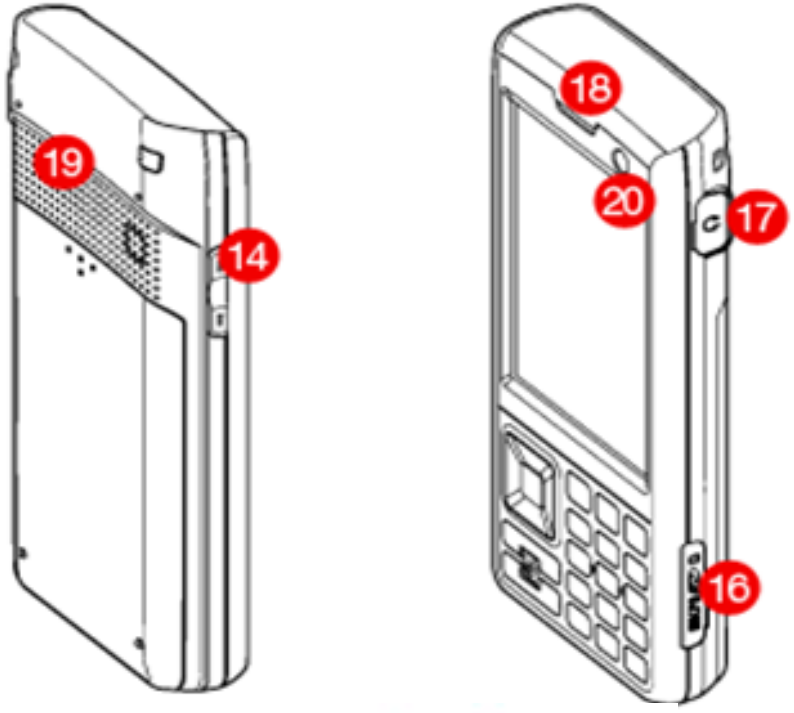
Power On / Off

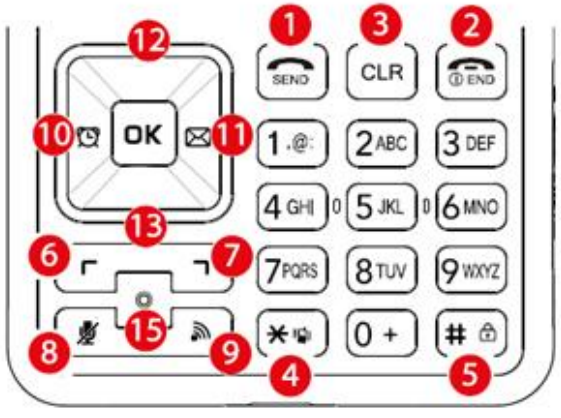
If you want to turn on the power,
keep pressing END for 3 seconds or more.

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

⚠ If anything abnormal takes place, or if the power button does not work while using a Wi-Fi 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

2 End Key
Used to end a call and to switch the power ON/OFF

3 Clear Key
Removing characters or moving to previous screen.

4 Vibration shortcut
Press and hold to vibrate

5 Key Lock
Lock and unlock the keypad.

6 Left Selection Key

7 Right Selection Key

8 Mute Shortcut

9 AP Search Key

10 Alarm Shortcut

11 Using Message function

12 Calendar

13 Using user-defined function

14 Volume Control

15 MIC

16 Micro SD Insert hole

17 Earphone

18 Earpiece

19 Speaker

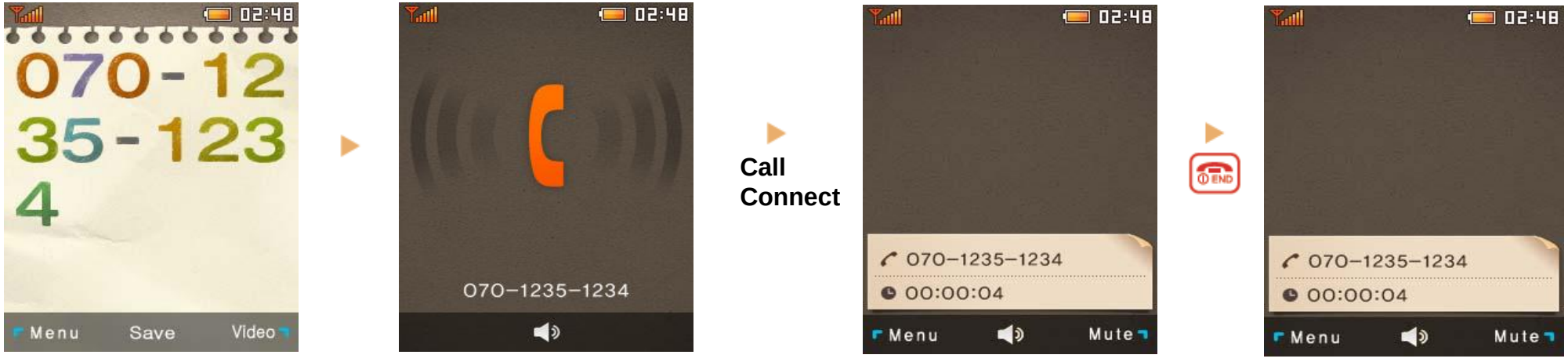
20 Camera

Display Indicators

	Signal strength
	Out of call coverage area
	Call trial or connection
	Call not available
	You have selected the sound setting
	Mute button, 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 Low Empty
	Connecting to network
	Shows that the keys are locked. Key operation is disabled
	Micro SD card is being accessed

Calling Method

Voice Calls

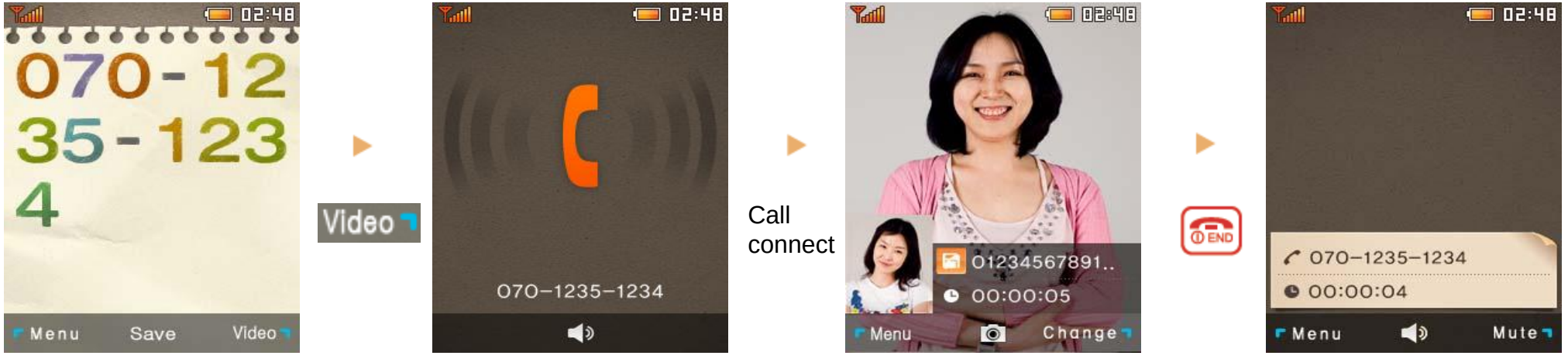


In standby, enter the numeric keys and then press the SEND key

※ Call quality may be reduced at increased distance away from the access point.

Calling Method

Video Calls



In standby, enter the numeric keys and then press Video

※ Call quality may be reduced at 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 12.

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.
Contacts: Search the phone book.
Send message: Send a message during a call without ending it.
Memo: Write and save a message during a call.

Using the Menu During a Voice Call

Making a video call

•Refer to page 13.

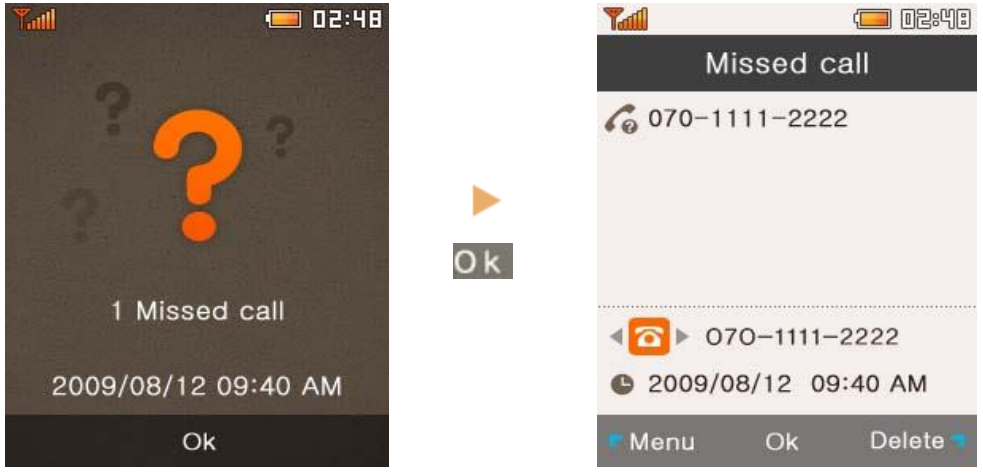
Taking a video call

Press the SEND key when the message “Incoming video call” is displayed.
Press the END 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.
Mute: This function stops your caller from hearing your voice temporarily. The caller's voice can still be heard.
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.)
Contacts: Searches the phone book.
Send message: Sends a text message without ending the current call.
Memo: Write and save a memo during a call.

Missed call



If you have a missed call, press Ok , and the last one of those calls will be answered.
To see calls that have arrived in your absence from the call list, press SEND or use the Left selection key Menu) > Logs > Call history

Call Transfer / Hold / Waiting

Transferring a call

When you are on a call, you can announce that you are transferring an active call to another party, or you can directly transfer the call.

1. Press the SEND to put the call on HOLD.

2. Dial the 3rd party numbers and place a new call
3. Select the left selection key (Menu > Transfer)

While 3rd party is connected to execute transfer function.

Call Waiting

When you are on a call, an alert message to indicate that you have received a second call.

Press SEND to answer the incoming call. If you want to switch between calls, press SEND

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.

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

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.

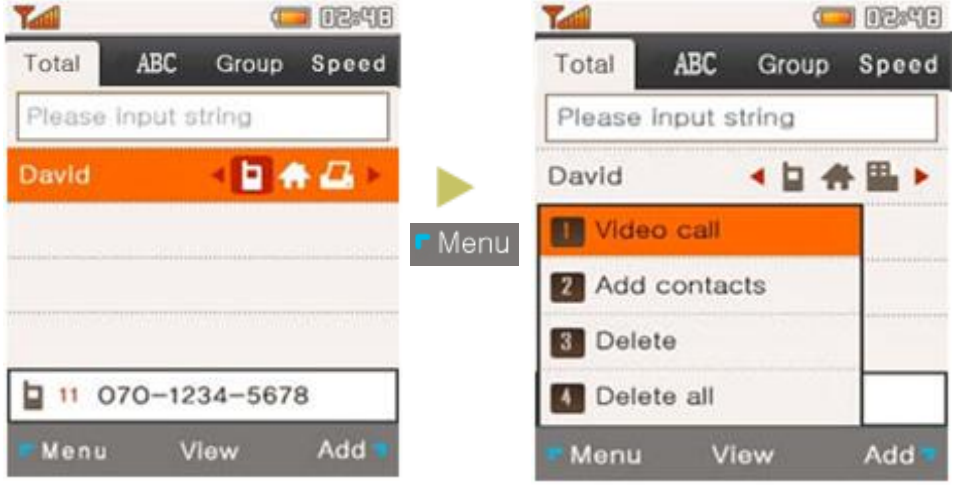
Enter the name of the person you want to call and press the **View** key to call a number saved in the phone book.

Press the ([ ]) key to edit the saved details.

Press the (Send) key to call a found number.

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 have 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 from Phone Book menu.

Delete the selected number.

5. Phone Number Search – Delete All

Press [ ] and select > Delete all from 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 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 a 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. Use direction key to assign the 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.
Ringtone		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.

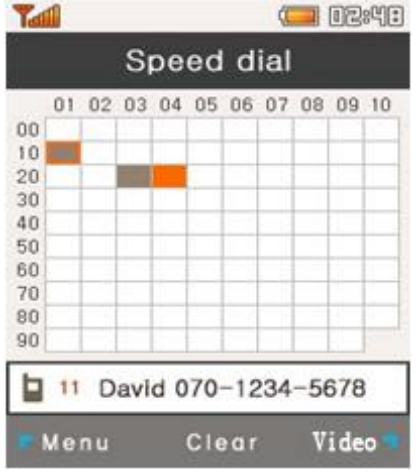
Phone Book

You can add new number in standby mode.

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

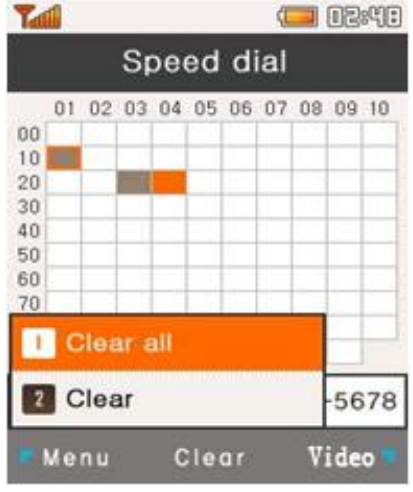
3. To set speed dial, select [ ] (Menu > Contacts > Speed dial)

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 SEND to make a call.

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

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.

Messaging

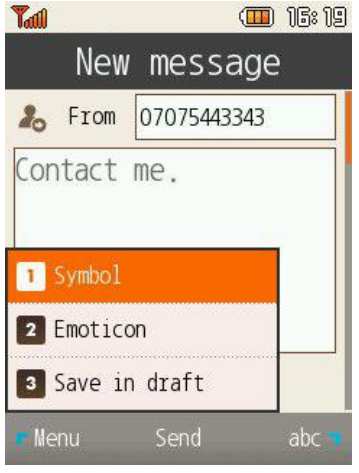
In messaging, you can read, write and send messages. The messaging service can only be used if it is supported by your network or service provider

Left selection key (Menu > Messaging) or press the shortcut key

Create a text message

Select Menu > Messaging > New message

1. Enter the message.
2. To add symbol and emoticon during writing a text, select menu
3. To add recipients, scroll to the To: field, and enter the recipient's number or select Search to add recipients from the available options.
   You can add recipients up to 20 recipients.



Messaging folders

Inbox – All the incoming messages are stored in the <Inbox> folder with detailed date, time and sender of each message shown.
You can use <menu> to reply, forward, save number, save in saved box and delete the selected message or delete all messages in the Inbox

Outbox – Outbox is the place where the messages sent out are saved. The time the message was sent out and the receiver information is shown

Draft – Draft is the place where the messages in process are kept. A message is put in the <Draft> folder when you saved the text you just keyed into the message and it is kept in the Draft folder until sent out.

Display

Display settings Select the left selection Menu > Display

There are 4 options included in Display Settings

Wallpaper

Select Menu > Display > Wallpaper

This feature enables you to set a picture as a wallpaper image in your phone's stand -by screen.

There are fifteen built-in pictures for you to change the background image

Screen

To define the clock type of the time format in stand-by screen, Select Menu > Display > Screen

Banner

To select the type of the banner as a phone number or greeting in your phone's stand-by screen

Select Menu > Display > Banner > Set banner >

Greeting, Select Menu > Display > Banner > Set banner > Input text

This option enables you to set welcome as a greeting to be displayed in your phone's stand-by screen.

To change the Greeting text, Select Menu > Display > Banner > Edit Input text

Brightness

To set time to dim the display Select Menu > Display > Brightness > LCD backlight

Sound Settings

Bell settings

Select left selection Menu > Sound settings > Bell to change the type of the bell

Bell mode

Select menu > Sound settings > Bell mode to choose how the phone notifies you of an incoming voice call.

The alert type allows you to choose between Ringing(Ringtone), Vibrating and Silent.

Volumes

To adjust volumes of Ring, Speaker, Handset and Headset.

Select menu > Sound settings > Volumes

Manner Mode

Select menu > Sound settings > Manner mode to choose vibrating the phone notifies you of an incoming voice call and silent key tone and alarm.

Tools

Alarm

To set an alarm, Select left selection Menu > Tools > Alarm > Speed alarm.

When an alarm is activated, the alarm indicator will be displayed.

To dismiss the alarm and return to standby mode,

press <CRL> or <Right selection Key >

Unit converter

To convert unit to different unit, Select menu > Tools > Unit converter

From this submenu you can use unit converter of Length, Weight, Width, Bulk and Temperature.

Calendar

To view the calendar, Select menu > Tools > Calendar

Logs

Select left selection Menu > Logs > Call history

Log information about the communication history of the device. The device registers missed , received calls and SMS history up to 100.

To move to another tab press the <CRL> then use the <direction Key>

Clogs info

To view the total number of calls, Select Menu > Logs > Clogs info

SMS info

To view the total number of messages, Select menu > logs > SMS info

Contacts info

To view the total number of contacts registered, speed dials and groups, Select Menu > logs > Contacts info

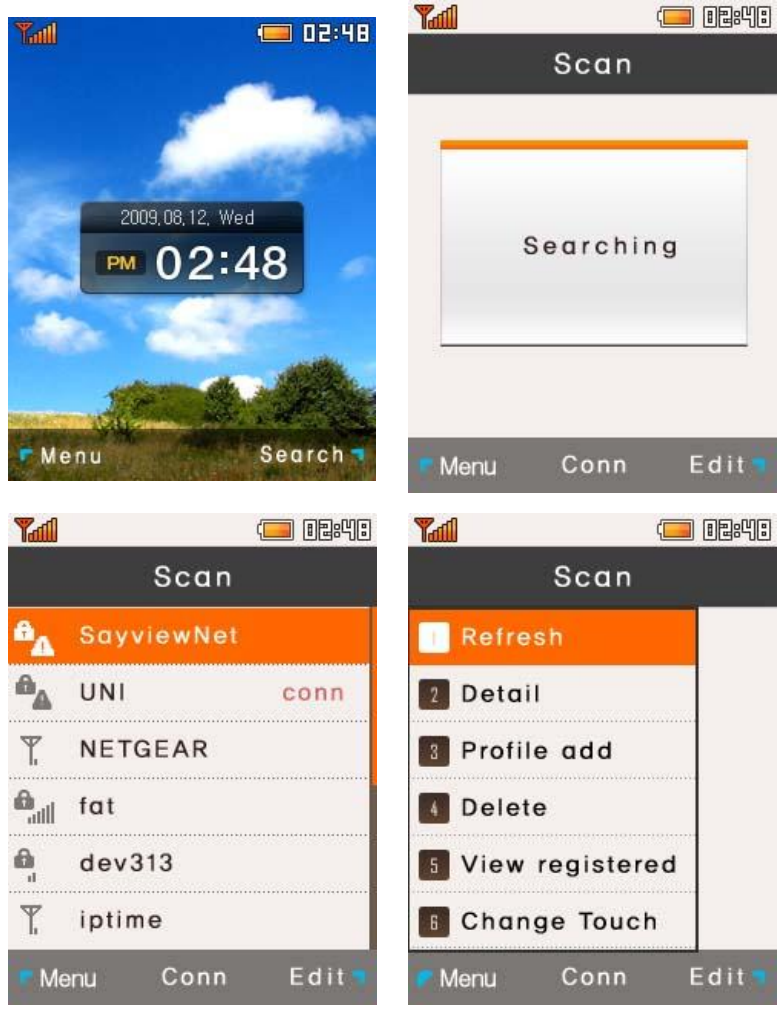
Call time hist.

To view the total time of outgoing and incoming calls, Select Menu > logs > Call time hist.

Settings

Press the shortcut key to set to 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 be registered 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

WLAN 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 the registered AP list)
- View registered: See registered Access Point (It displays on the menu when you select the registered AP list)
- Change touch: It shows the 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 an 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 automatically.
   Security setting : You can configure the security to use
   Networking setting : You can set Network DHCP or manually

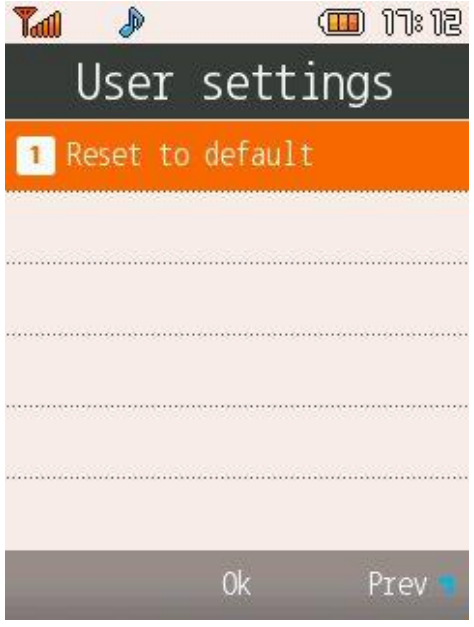
3. Add profile as Temporary

   Select OK or Temp
   Security setting : You can configure the security to use
   Networking setting: You can set the Network DHCP manually

⚠ If you add a profile as <Temp>, it means it is connected as temporary so you should connect to the AP manually every time when you connect to the AP if it is not registered

User Settings

Reset to default Left selection key (Menu) > **Settings > User settings > Reset to default)**
To reset all preference settings and delete all personal data, such as contacts, message, WLAN and SIP information



Picture Frame Settings

Digital Photo Frame

You can use the SQ-3000 as a Digital Photo Frame when it's on the cradle.
To make a digital photo frame with the SQ-3000, copy images to the Micro SD card and insert Micro SD card into the SQ-3000.

Left selection key (Menu) > **Settings > Picture frame settings > Set picture frame > Enable)**

To change the slide time of the digital photo frame, select **Settings > Picture frame settings > Slide timeout**

To change the start time of the digital photo frame after you put the phone on the cradle, select **Settings > Picture frame settings > Start timeout**

The function of the digital photo frame supports an image of up to 30pcs.

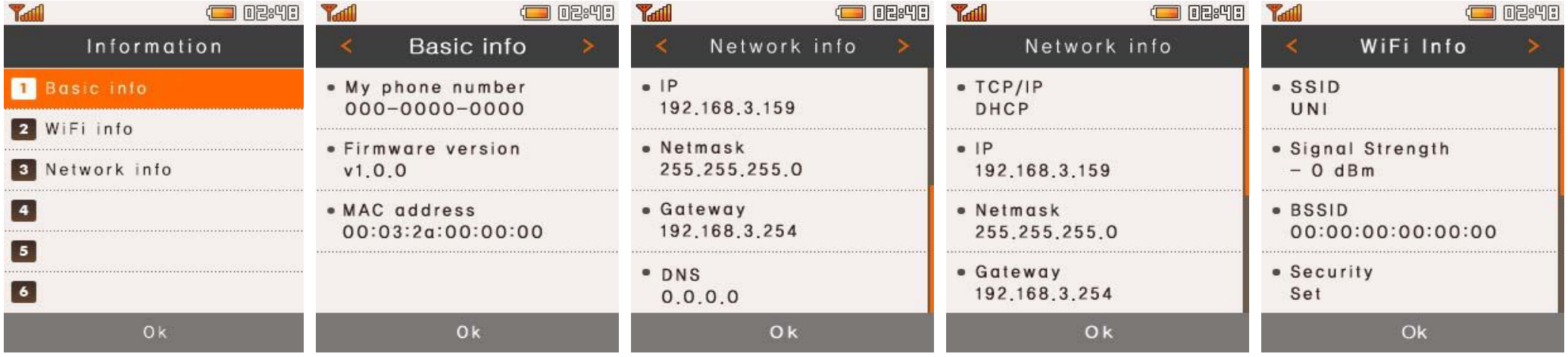
The function of the digital photo frame supports four different types of image – JPEG, GIF, BMP and PNG

The function of the digital photo frame supports images up to 1MB.

Information

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

You can see the setting information of Wi-Fi phones.



Basic Info.

My phone number, Firmware version, MAC address

Wi-Fi Info.

Displays the access point or wired/wireless router the Wi-Fi phone is connected to.

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

Network info.

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

System Settings

SIP Settings.

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

You can set the information of the SIP server.

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

System Settings

Language Settings

To set the language used on the device display,

Select Left selection key (Menu) > **Settings > System > Language**

Provision Settings

To download the new firmware via our Auto Provisioning Sever,

Select Left selection key (Menu) > **Settings > System > Provision > Enable**

⚠ All the function of the phone as shown above on the manual may be different according to the phone version.

Specification

Product Specification

Certified Company	UniData Communication Systems, INC.
Device Name	Wireless Data Communication system wireless appliance
Model	SQ-3000
Certification Number	
Manufacture	UniData Communication Systems, INC.
Manufacture Country	Republic of Korea

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

Frequency Band	802.11b/g	2400MHz ~ 2483.5MHz
	802.11a	5150MHz ~ 5250MHz (A band) 5725MHz ~ 5825MHz (D band)
Operating Channel	802.11b/g	Ch1 ~ Ch 13
	802.11a	A Band : Ch36, Ch40, Ch44 D Band : Ch149, Ch153, Ch157, Ch161
Transmission Output	802.11b/g	Under 10mW/MHz
	802.11a	A Band : Under 2.5mW/MHz D Band : Under 10m/WMHz
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%~85%	
Battery	3.7V/, 1450mAh	

Specification

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.

UniData Bulim-Bldg, 837-6, BangBae4-Dong Seocho-Gu, Seoul, Korea