

ZEPHYR User Manual

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Welcome

Thank you for purchasing a **ZEPHYR** Handset Mobile phone. We built our Handset to give user what we believe user really want from a wireless phone, clear sound, and fashion outlook.

Our advanced technology is designed to grow with users' communications needs so that one day you will be able to rely entirely on users Handset to stay connected.

This guide will familiarize user with our technology and new Handset phone through simple, easy to follow instructions.

To know the basic operations of the phone, users can go to Section One Getting Started. This section provides all the information user need to quickly activate phone, and much more.

We congratulate on your choice.

Safety Information

Please read and understood the details which are both safe to you and your environment. Failure to observe these instructions may lead to suspension of cellular phone services to the user, or some legal action

Important information for parents:

Please read the operating instructions and safety precautions carefully before use. Explain the content and the hazards associated with using the phone to your children.



Emergency Calls (SOS)

Emergency call can be made from your cellular phone even without a SIM in the network service area.



Traffic Safety

Please do not use your cellular phone while driving; find a safe place to stop first.



Switch off in Hospital

The use of cellular phone may interfere with the functionality of some possible insufficiently protected medical devices in hospital.



Switch off in Airplane

The use of cellular phone in an aircraft may be dangerous to the operation of the aircraft, disrupt the cellular network and may be illegal.



Switch off in Gasoline Station and Explosive Site

It is advisable that users turn off cellular phone when refueling is in progress, users are reminded to observe restrictions on the use of radio equipment in fuel depots.



Operating Environment

Mobile radio transmitting equipment, including cellular phones, may be subject to interference and may cause danger. Switch off your phone whenever it is forbidden to use it.



Use Sensibly

Do not hold the phone to your ear when it ring or when you have switched on the hand free function. Otherwise you risk serious permanent damage to your hearing.



Appropriate Maintenance

Only qualified and authorized personnel should service your cellular phone. Faulty installation or repair may be hazardous.

Replace



You may only open the phone to replace the battery and SIM card. You must not open the battery under any circumstances. All other changes to this device are strictly prohibited and will invalidate the operating license.

Interference Noticed



The phone may cause interference in the vicinity of TV sets, radios and PCs.

Max Power GSM 900:2W,
GSM 1800/1900:1W.

SAR SAR Radiation Limit:1.6W/kg;
Tested Value: 0.5W/kg.

Safety Warnings

Accessories



Use only accessories and charging devices approved by the phone manufacturer! Otherwise you risk serious damage to health and property. The battery could explode, for instance.

Power Voltage



The mains voltage specified on the power supply unit (Volt) must not be exceeded. Otherwise the charging device may be destroyed.

Waste Disposal



Dispose of worn out batteries and phone in accordance with local provisions!

Rechargeable Battery

- *If battery is over discharged the handset will need to pre-charge less than 10-20 minutes.*
- Avoid accidental shorts across the contacts of battery by metal parts. Shorts can cause rapid discharge currents which can damage the battery, the part that creates the short or cause injuries.
- Prevent extreme low and high ambient temperatures for the battery. Therefore; do not place battery near a heater or on the car dashboard.
- Do not open, penetrate or otherwise physically damage the battery.
- Do not incinerate battery.

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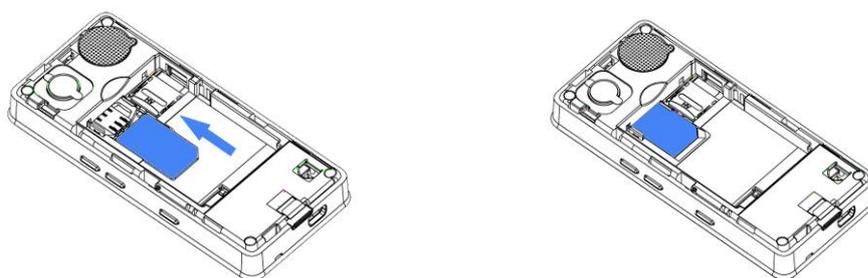
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Getting Started

SIM Card and Battery Information

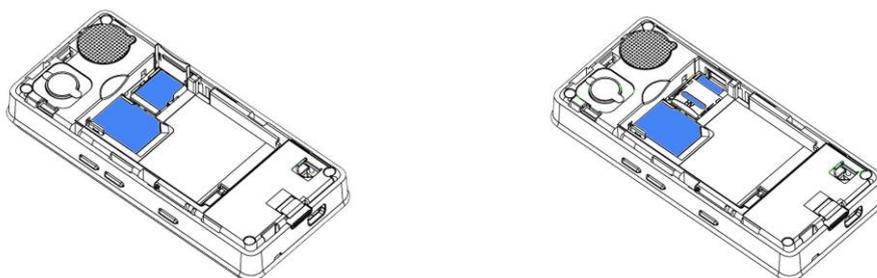
Insert SIM Card

- The SIM card is inserted into the back of the phone underneath the battery.
- Press the knob and open the battery cover off.
- Remove the battery.
- Place the card inside the SIM card holder such that the golden connectors are facing downwards.



Insert Memory Card

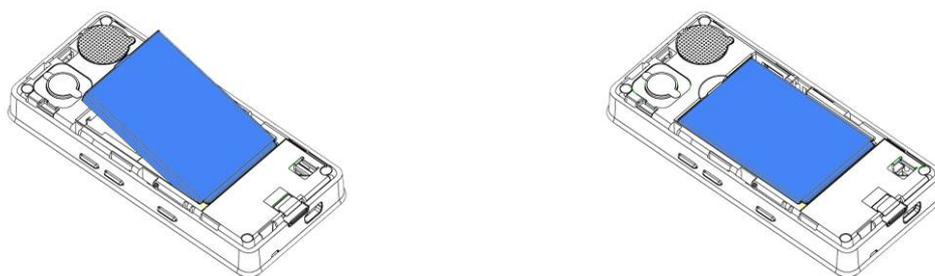
- Use only compatible T-Flash (Micro SD) card with this device. Other memory cards, such as Secure Digital (SD) cards, do not fit in the T-Flash (Micro SD) card slot and are not compatible with this device. Using an incompatible memory card may damage the memory card as well as phone, and data stored on the incompatible card may be corrupted.
- Remove the battery and you can see a card holder on the right side of the SIM card holder.
- Place the T-Flash (Micro SD) card in the notch. Make sure that the T-Flash (Micro SD) card is properly inserted and that the golden contact area on the card is facing upwards.



Insert Battery

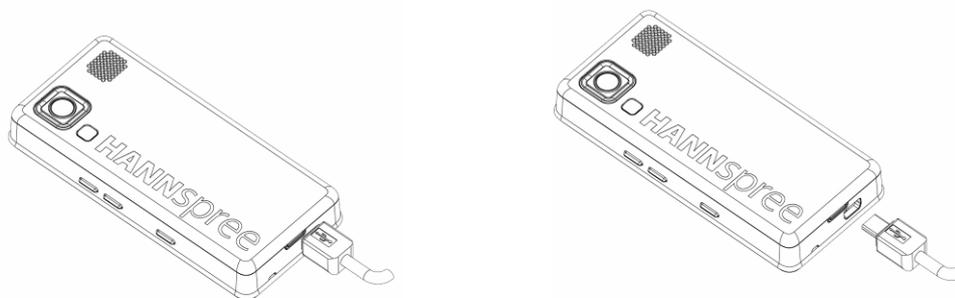
[Warning:

1. **If the battery is totally empty, charging icon or LED is not on. There fore, you should charge the battery maximum up to 10-20 minutes.**
2. **If you turn off handset abnormally, please take out battery about 10 seconds then insert battery. Otherwise the battery will discharge and run out of power quickly]**
 - Slide the battery into the cradle and press the battery down flat.
 - Place the back cover and slide it into place.



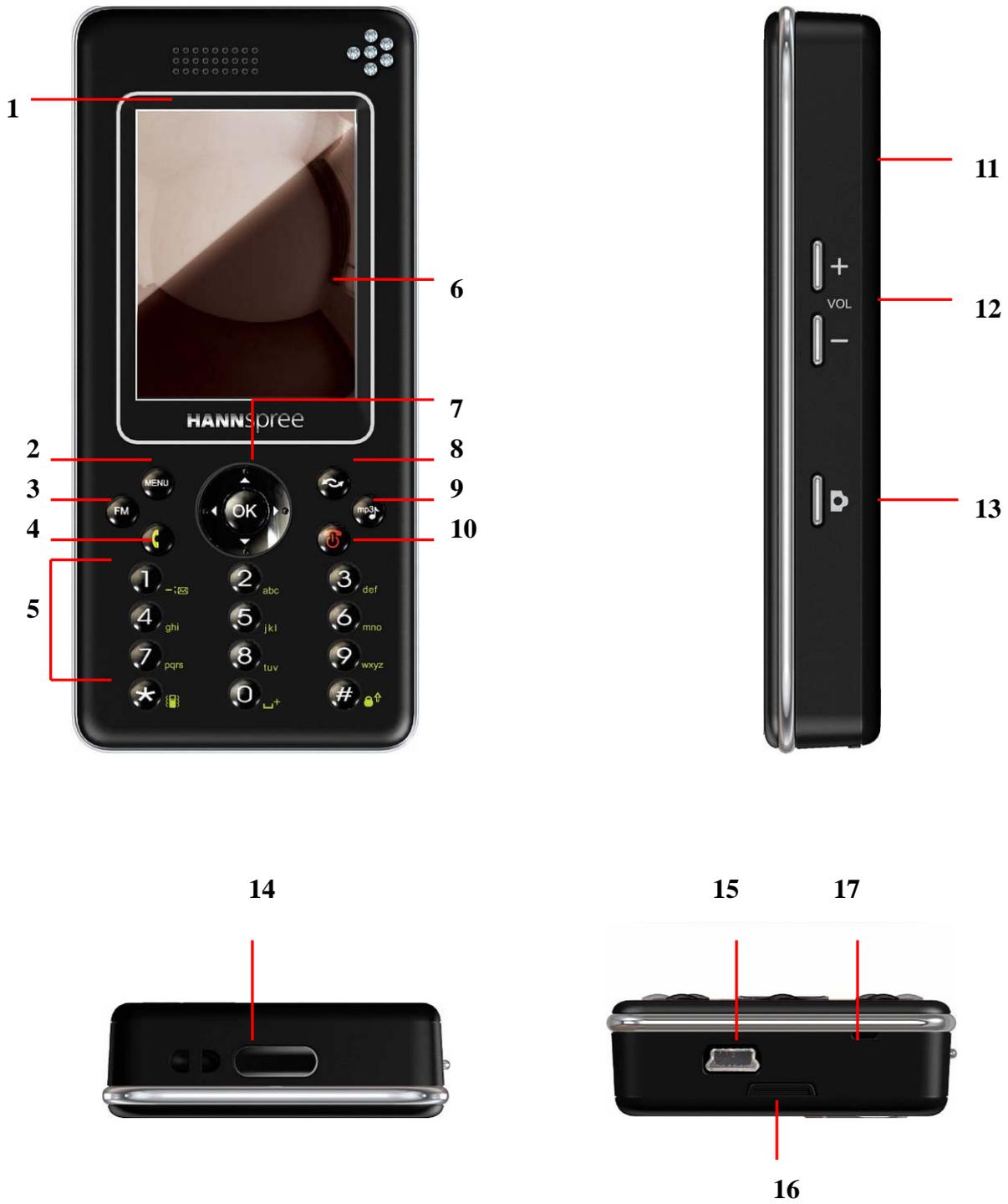
Charge Battery

- Connect the USB cable the power jack on the bottom of your phone.
- Connect the charger to an AC wall socket. The charging icon is displayed briefly if the phone is switched on. If the battery is completely empty, it may take a few minutes before the charging indicator appears on the display or any calls can be made.



Your Phone

Front Back/Side View of Phone



1	Ear speaker
2	Left selection key
3	FM radio key
4	Answer key
5	Number Keypad
6	Display screen
7	Navigation key
8	Right selection key
9	Music player key
10	End key
11	Camera
12	Volume key
13	Camera key
14	IrDA
15	Hand-free kit connection/ USB connector/ Charger connector
16	Release knob
17	Microphone
For more information on keys and Navigation, please see the page on 10 and 11.	

Navigating Functions

The main menus are shown as icons on the screen. Scroll to the highlight icon by pressing the Navigation key up, down, right or left and select a function.

Navigating the menu by scrolling

- To access the menu press **Menu** or  center key.
- Scroll with  through the menu and press  key to select highlight item.
- Press right/left to move between the tabs.
- Press up/down/left/right to move the submenu.
- Scroll to a submenu item and select the one that you want.
- Press **OK** and enter a list of options. There are different alternatives in the list of options depending on where you are in the menu.
- Press **Back** to go back one level in the menus.

Navigating the menu by numbering

- After entering **Menu**, you can access menu and submenu items by using their matching numbers. For example: press 4-2 key, you can access **Tone settings**.

Key Function List

- A. Power/End key 
- Switch phone on and off. Also, end a call or exit from any function and back to Idle mode.

- B. Selection key  
- The function of the keys depends on the text shown on the display above the keys. For example, **Menu** and **Contacts** in Idle mode.

- C. Navigation key 
- Use for quick access to phone functions in Idle mode.

- ◆ Up: Access to the **Remote controller** menu.
- ◆ Down: Access to the **Shortcuts** menu.
- ◆ Left: Access to the **Inbox** menu.
- ◆ Right: Access to the **Calculator** menu.
- ◆ Center: Access to the **Main menu**.
- Scroll through names and numbers stored in the contacts or through the phone's menus, submenus, and option list.

[Note: Navigation shortcut maybe different depends on personal settings in “Phone settings/Dedicated key”.]

D. Send/Answer key 

- Make and answer calls. Press in Idle mode to see recent dialed calls.

E. FM key 

- Press the key to enter FM radio in Idle mode.

F. Music player key 

- Press the key to enter Music player in Idle mode.

G. Number keypad

- 0-9 input number and character.



H. Side key 

- Adjust handset volume.

I. Camera key 

- Press the shortcut key on right side for the phone to enter Camera in Idle mode. For details, see also “Camera” on page 53.

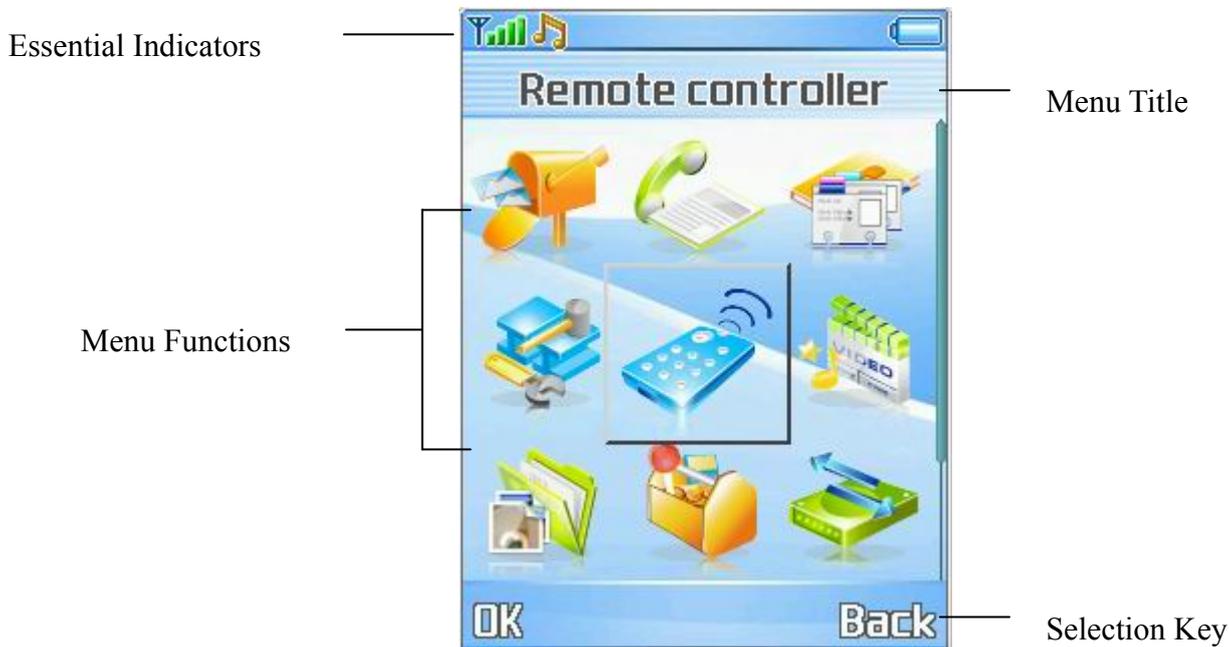
Idle Mode

When the phone is on, and you have not keyed in any characters, the phone is in idle mode.



1. Top of the screen shows Essential Indicators.
2. Next line displays the operator name.
3. This line shows date and time information.
4. To enter **Menu** press left selection key.
5. To enter **Quick search** of the contacts press right selection key.

Main Menu



- | | |
|-----------------------------|------------------------|
| 1. Messages | 7. File manager |
| 2. Call log | 8. Organizer |
| 3. Contacts | 9. Connectivity |
| 4. Settings | 10. E-mail |
| 5. Remote controller | 11. FM radio |
| 6. Multimedia | 12. WAP |

Essential Indicators

	Indicates signal strength.
	
	Shows handset current battery charge strength.
	Indicates the Audio 3D effect function on.
	Bluetooth feature is active.
	Indicates the phone keypad is locked.
	Indicates the current profile type is General.
	Indicates the current profile type is Silent.
	Indicates the current profile type is Meeting.
	Indicates the current profile type is Outdoor.
	Indicates the current profile type is Headset.

	The Alarm clock is set on.
	The Stopwatch function is on.
	Indicates “roaming”.
	Indicates missed call.
	Indicates new SMS.
	Indicates new MMS.
	Indicates the Chat function.
	
	Indicates Broadcast set on.
	
	
	Indicates new service message.
	Indicates call diverted is set on.
	
	
	Indicates GPRS is connected.

Listing of Functions

Messages (Menu 1)

1. Create message
2. Inbox
3. Drafts
4. Outbox
5. Templates
6. Message settings
7. Memory status
8. Chat
9. Voice messages
10. Info messages

Call log (Menu 2)

1. Missed calls
2. Dialed calls
3. Received calls
4. Clear log lists
5. Call duration
6. Call cost
7. SMS counter
8. GPRS counter

Contacts (Menu 3)

1. Quick search
2. Add new contact
3. Search
4. Delete
5. Copy
6. Caller groups
7. Speed dials
8. Settings
9. Blacklist

Settings (Menu 4)

1. Profiles
2. Tone settings
3. Display settings
4. Time and date
5. Phone settings
6. Call settings

7. Network settings
8. Security settings
9. Restore factory

Remote controller (Menu 5)

1. Remote controller
2. Setting
3. Help

Multimedia (Menu 6)

1. Camera
2. Photo gallery
4. Video recorder
5. Video player
6. Music player
7. Recorder

File manager (Menu 7)

1. Phone
2. DRM rights

Organizer (Menu 8)

1. Java
2. Games
3. Health
4. Stopwatch
5. Alarm clock
6. Calendar
7. To do list
8. World clock
9. Calculator
10. Converter

Connectivity (Menu 9)

1. SIM service
2. Irda settings
3. Bluetooth
4. Data account

E-mail (Menu 10)

1. Send and receive
2. Write e-mail
3. Inbox
4. Unsent
5. Sent
6. Drafts

7. Delete all
8. E-mail profile

FM radio (Menu 11)

1. FM radio

WAP (Menu 12)

1. Homepage

2. Bookmarks
3. Recent pages
4. Go to URL
5. Service inbox
6. Settings

Personalizing your Phone

Display Language

- From Idle mode, press **Menu** and select **Settings/Phone settings /Language**, press **OK** to enter language list.
- Select a language and press **OK**.

Tone

- From Idle mode, press **Menu** and select **Settings/Tone settings /Incoming call** then select **Default/ My folder**, press **OK** to enter tone list.
- Select a ring tone and press **OK**.

Wallpaper

- You can set wallpaper for the Idle screen.
- From Idle mode, press **Menu** and select **Settings/Display settings /Wallpaper** press **OK** to enter option list.
- Select **Default** or **My folder** and link to image list.
- Select image and press **OK**.

Color Schemes

- You can change the color for the display components, such as title bars and background color.
- From Idle mode, press **Menu** and select **Settings/Display settings /Color schemes**, press **OK** to enter option list.
- Select a color and press **OK**.

Dedicated Key

- Use predefined Navigation key shortcuts to quickly reach certain function. Edit the Navigation key shortcuts to suit your own needs. In Idle mode, press up/down/left/right to go to a shortcuts menu, or directly to a function.
- To edit a Navigation key shortcut, from Idle mode, press **Menu** and select **Settings/Phone settings /Dedicated key**, press **Edit** to enter shortcut's list.
- Select a menu function and press **OK** to be assigned to the Navigation key.

Activated Profile

- To access the list of profiles from Idle mode, press **Menu**, then use Navigation key scroll to **Settings** then **Profiles** and press **OK**.

- Press **Options** key to activate the certain profile and press **OK**.

Meeting Mode

- You can switch the phone to Meeting mode easy and quickly to avoid disturbing other people.
- Long press  in Idle mode.

Writing Text

There are two ways of writing messages, notes or names in contacts: Multitap text input mode and Smart text input mode.

Multitap text input

- Press a number key  to , repeatedly until the desired character appears.
- To input next letter you want is located on the same key as the present one, wait until the cursor appears.

When you are writing text, press either  to change input mode .The input method is indicated by one of the following items: **Abc abc ABC 123**
   The most common punctuation marks are available under the number key .

Smart text input

- Smart text input mode is based on a built- in dictionary. And this input mode is only available for the modes and languages on the mode list. When you writing text, you can key in any letter with a single key press. The word changes after each keystroke.
 - ◆ Start writing a word by using the keys  to . Press each key only once for one letter. The word changes after each keystroke.
 - ◆ Example: To write Happy when the predictive test mode is selected, press  once for H,  once for A,  once for P,  once for another P, and  once for Y.
 - ◆ When you have finished writing the word and it is correct, confirm it by pressing **Select**.

Tips for writing text

- To insert a space, press .
- To move the cursor to the left, right, down or up, press the Navigation key.
- To delete a character to the left of the cursor, press **Clear**. Press and hold **Clear** to delete all characters more quickly.

Text Input Mode

Abc	Multitap Abc
abc	Multitap abc
ABC	Multitap ABC
123	Numeric
 Abc	Smart Abc
 abc	Smart abc
 ABC	Smart ABC
ES	Multitap ES
es	Multitap es
FR	Multitap FR
fr	Multitap fr
DE	Multitap DE
de	Multitap de
IT	Multitap IT
It	Multitap it
 ES	Smart ES
 es	Smart es
 FR	Smart FR
 fr	Smart fr
 DE	Leiden Sie DE
 de	Leiden Sie de
 IT	Smart IT
 It	Smart it

Calling

Making and answering call

Before you can make or answer any calls, make sure that the phone is charged and your SIM card is inserted before you power on the phone. Ensure that the phone is on, the network operator name is displayed and the signal strength meter shows network coverage is available in the current area.

To make a call

- Enter phone number include area code you want to dial. If you key in wrong character, press **Clear** to delete it.
- Press  to call the number.
- Press  to end the call or to cancel the call attempt.

To make international call

- Press and hold  key until a + sign appears.
- Enter the country code, area code and phone number, press  to make a call.

To answering call

- To receive a call, the phone must be switched on and the signal strength meter must be displayed.
- Press  to answer a call.

Missed calls

- When an incoming call is not answered, the Missed call log is displayed on your screen. To display the Missed call entry.
- Select the entry and press  to read call details.

To change the ear speaker volume during a call

- During an activate call, press right side key to adjust volume. If the Loudspeaker is activated, uses right side key to adjust volume also.

To use loudspeaker during a call

- Loudspeaker mode is used for handset as loudspeaker during a call. Do not hold the handset to your ear if loudspeaker mode is set on.

To activate /deactivate  the loudspeaker during a call, press 

H-free/H-held, the single will show on the screen.

- The Loudspeaker is automatically deactivated when you end the call or call attempt or connect the headset to the phone.
- The Loudspeaker is default setting for playing MP3, voice recorder, using the loudspeaker with MP3 player and Voice recorder, see detail on MP3 player and Voice recorder.

To call emergency

- Your phone supports the international emergency number, for example, 112 or 911. This number can normally be used to make emergency calls in any country, with or without a SIM card inserted, if a GSM network is within range.

- You can place emergency calls (dial 112 or 911 and press ) even if your phone is locked or your account is restricted.

Tips of call options

- A call can be connected to any single caller by pressing  key. When user press  key during an active call, user can choose one of those functions from the list:
 - ◆ Hold: put a call on.
 - ◆ Retrieve: reconnect a holding call.
 - ◆ Retrieve all: reconnect all holding calls.
 - ◆ Split: to suspend the multi-party call.
 - ◆ End: end a call.
 - ◆ New call: make a new call during an active call.
 - ◆ Contacts: shortcut to Contacts menu.
 - ◆ Send SMS: shortcut to Message menu.
 - ◆ Inbox: The message is stored in the Inbox.
 - ◆ Sound recorder: star recorder conversation.
 - ◆ Mute: mute the call during the conversation.
 - ◆ Swap: switch between the call on hold and active.
 - ◆ Conference: make a multi-party conversation.
 - ◆ Transfer: transfer a call.
 - ◆ End single: end one of conference call.
 - ◆ End all: end a multi-party call.
 - ◆ DTMF: set **On** / **Off** for DTMF (Dual Tone Multi-Frequency) tone dialing system.
- **Hold a call**
 - ◆ Pressing  and selecting **Hold** allows you to put an active call on hold. This feature can be used when an incoming call is received during an active call or if you want to make another call without disconnecting the active one.
- **Make a new call during a call**
 - ◆ You can dial a number during a call without disconnecting the active call.
 - Press  and select **Hold** to put an active call on hold and press **Options** select **New call** to make a new call by keying new number. Also, you can select record from contacts, after select **New call**, press **Back** to option list and choose

Contacts.

- Press **Options** and select **Swap**, new number will go on hold, old number will be active and vice versa.

• Multiparty call

- ◆ You can connect to several people together or individually at a time.
- ◆ Make a call to the first participant.
- ◆ Call the second participant as explained in **Make a new call during a call**.
- ◆ Press  and select **Conference**. This joins the call to the Conference.
- ◆ Repeat step 2 and 3 to allow new participants to be connected to the Conference.
- ◆ Press **Options** and select **End all** to end the call. Or press .
- ◆ Any call (participant) can be disconnected by press **Options** key and select **End Single**.

• Switch two call

- ◆ Press **Options** key. The first call is put on hold.
- ◆ To switch between two calls, press **Options** and choose **Swap**.
- ◆ To end the active call press . (Or to end both calls at the same time. Press **Options**, move to **End all** calls. And press **OK**

Menu Functions & Their Descriptions

Messages (Menu 1)

**This function only used if it is supported by your network operator or service provider. Only devices that offer compatible picture message, or multimedia message features can receive and display these messages. Devices that do not have multimedia features may receive details of a link to a web page.

In Messages you can create, send, receive, view, and edit text message (SMS) / multimedia message (MMS).

- **Create message**

For detail information about how to write text in the phone, see also “Writing Text” on page 20-21.

- ◆ Select **Create message** press **OK**, the create options appear, you can select one of the following options:

Create SMS: create and send a text message.

Use Navigation key up/down to select message type then press **OK**.
If select

“Create SMS”, the SMS editor screen appear.

In the Navigation bar, you can see the message length indicator counting backwards from 160/ (1). For example, 30/ (2) means that you can still add 30 characters for the text to be sent as two messages.

The “Create SMS” option list includes options for **Done, Abort, Use template, Insert object** and **Input method**.

[Note: You also can create SMS by pressing  key during an active call. For detail information see “Tips of call options” on page 23.]

Create MMS: create and send a multimedia message.

Use Navigation key up/down to select message type then press **OK**.

If select “Create MMS”, the MMS editor screen appear.

Use Navigation key to select recipients from the contacts directory, or write the phone number or email address of the recipient in the **To** field if you are going to send a MMS or email to the recipient.

Scroll to **Edit content**, press **Edit** enter option list of Multimedia

Message writing message. You can select **Done**, **Input method**, **Add image**, **Add audio**, **Add video** and **Add attachment**.

To insert a file in the message, scroll to **Add attachment** option then press **OK**. Press **Open** to link a specific folder in **File manager** and scroll to the desired file, press **OK** and **Done**. An attached file is indicated with the file name in the message.

The handset supports the sending and receiving of multimedia message that contain several pages (slides). Each slide can contain text, one image and one sound clip.

To send the message, press **Options**, select **Done** to choose send options: **Send Only**, **Save and Send**, **Save to drafts**, **Send options** and **Exit** then press **OK** to send the message.

You can choose **Send and Save / Save to Drafts** options that the sent message is stored in the **Outbox** and **Drafts** folders.

- ◆ You can add pictures, animations, melodies and sound effects to a text message and format the text using EMS. (Enhanced Messaging Service). In the message press **Options** key, select **Insert object**, the object option list appears.
- ◆ In the message press **Options** key, select **Use template**. You can choose templates from the list.
- ◆ To send the message, press **Options**, select **Done** and send options appear, choose send options: **Send only**, **Save and send**, **Save**, **Send to many**, **Send to caller group** and press **OK**. Then enter the phone number (or recall it from the contacts) and press **OK** to send the message.
- ◆ You can choose “**Send and Save**” options that the sent message is stored in the Outbox folder. You also can choose “**Save**” options that the sent message is stored in the Drafts folder.

• **Inbox**

To check an unread message later:

- ◆ From **Messages** submenu select **Inbox** press **OK**.
- ◆ Move to desired message and press **OK** to enter list. Press **Options** and inbox option list appears, you can select **View**, **Delete** and **Delete all**. The message is stored in the Inbox folder after you have read it.

- ◆  /  or  /  icons indicate whether a SMS is read or unread and also show message stored position in front of the message in the list.

- ◆  or  icons indicate whether a SMS is illegal message format or broken message which can not be displayed in the **Message** body screen.
- ◆  or  icons indicate whether a MMS is read or unread in front of the message in the list.
- ◆  or  icons indicate whether a message is illegal message format or broken message which can not be displayed in the **Message** body screen.
- ◆ While reading the message, press **Options** to select through the list of options and press **OK** at the highlighted option to select it.
- ◆ The **Inbox** message option list includes options :**Reply, Delete, Dial, Edit, Forward, Copy, Move, Detail, Chat, Use number, Extract URL** and **Save objects** .
- **Drafts**
 - ◆ To finish or view a draft message.
 - ◆ From **Message** submenu select **Drafts** move to desired message and press **Options**, the options list appears you can select **View, Delete** and **Delete all**.
 - ◆ The **Drafts** message option list includes options: **Send, Edit, Delete, Detail, Use number, Extract URL** and **Save objects**.
- **Outbox**
 - ◆ In Idle mode enter **Menu, Messages** and **Outbox** then Press **OK**.
 - ◆ Move to desired message and press **OK** to enter list. Press **Options** and outbox option list appears, you can select **View, Delete** and **Delete all**.
 - ◆ While reading the message, press **Options** to select through the list of options and press **OK** at the highlighted option to select it.
 - ◆ The **Outbox** message option list includes options: **Send, Delete, Edit, Copy, Move, Detail, Use number, Extract URL** and **Save objects**.
- **Templates**
 - ◆ Select **Templates** press **OK**, the templates option list appears, and then you can select one of the following options: **SMS / MMS**.

- ◆ From the SMS templates list, press **Options** key to **Edit, Create SMS** or **Erase** template message.
- ◆ From the MMS templates list, press **Options** key to **View, Detail** and **Create MMS**.
- **Message settings**

Message settings have been divided into two groups according to the differences of the messages. Select the settings you want to edit, and press **OK** key.

 - ◆ **SMS**
 - **Profile setting**: lists all the message centers that have been defined.
 - **Common settings**: The message settings under the SMS menu are common to all outgoing SMS, irrespective of the selected set.
 - Delivery report
 - User can turn **On** or **Off** this function if user wants to receive delivery report from service provider or not.
 - Reply path
 - Also, user can choose to use the same service center as the received message to reply or not.
 - **Prefer storage**
 - You can choose where you want to save the message depend on memory status.
 - If either one of storage locations, SIM card or Phone memory, already full, the phone will automatically save information to another.
 - Select SIM Card or Phone memory and press OK.
 - **Bearer in use**
 - The **Bearer in Use** settings to set the settings for selected bearer.
 - The Pref. bearer lists are:
 - Prefer GPRS
 - Prefer GSM
 - GSM Only
 - ◆ **MMS**
 - The following message settings under the **Message Setting** menu. It includes **Sending, Retrieve, Filters, and Edit profile**.
 - Within the **Setting** submenu of the **Message setting** you can

change the settings of a Multimedia message sending option:

➤ **Sending:**

- Validity period: This is the duration that your message is stored at the Message Centre. Delivery attempts will be repeated until the message has been delivered or expired.
- The options of length of time have: **Max. /1 hour/12 hours/1 day/1 week.**
- Delivery report
 - User can turn **On** or **Off** this function if user wants to receive delivery report from service provider or not.
- Read report
 - User can turn **On** or **Off** this function if user wants to receive report from service provider or not.
- Priority
 - User can choose message priority; the options have **Normal, High, and Low.**
- Slide timing
 - User can set slide timing by own desire.
- Delivery time
 - The options of length of time have: **Immediate/ In one hour/In 12 hours/In 24 hours.**

➤ **Retrieve:**

- Home network:
 - The options of home network have: **Immediate / Restricted /Delayed.**
- Roaming
 - The options of roaming network have: **As home /Delayed /Restricted.**
- Read report
 - The options of read report have: **On request /Send /Never send.**
- Delivery report
 - User can turn **On** or **Off** this function to ask the network to send delivery reports about your message.

➤ **Filters:**

- Anonymous
 - The options of anonymous have: **Allow/ Reject.**
- Max size(KB)
 - Set multimedia messages' size by user.
- Advertisement

- The options of advertisement setting have: **Allow/Reject**.
- **Edit profile:**
 - You may use network or service provider to receive and send multimedia message. To edit Profile detail setting, see **Edit profile** under **Settings of Services**.
- **Memory status**
 - ◆ You can check what percentage of the phone's internal memory is occupied and how many messages can still be stored in SIM card or Phone's memory.
 - ◆ The phone will show message to remind user if SIM card and Phone set both out of memory.
- **Chat**
 - ◆ Chat is a way of sending short, simple text message. You can send your message to different person in the same time via chat room 1&2.
 - ◆ Starting a chat message
 - Enter the **Chat** menu, select chat room from the list.
 - Press **Options** enter chat room submenu, you can see
 - Chat Room Info
 - Press **OK** to enter name that you want to use during chatting and number.
 - Press **Yes** when confirm save message show up.
 - Start
 - Go to **Start** and press **OK** to write chat message.
- **Voice messages**

Voice messages are a network service and you may need to subscribe to it first. For more information and for the voice mail number, contact your service provider. Press **Menu**, and select **Messages**, and **Voice messages**.

 - ◆ Each phone line may have its own voice mailbox number.
 - ◆ Within **Voice messages** submenu, choose phone line 1 or 2.
 - The options are:
 - **Edit:** general number editor.
 - **Erase:** erase the voice mail number.
 - **Dial to listen:** user can dial the voice mail server number to listening voice mails.
 - Choose the option and press **OK** to save it.
 - In the Idle mode, holding and pressing key  can

connect to voice mail.

- **Info messages**

Info Messages are spread by the network service to all handsets in a cell. User can enable/disable the service to choose if user wants to receive broadcast messages from particular channels or not.

- ◆ **Info service**

- When you turn **on/off** the mode, you can choose to receive or not receive the last broadcast message received.

- ◆ **Topics**

- Using the direction of Navigation key allows you browse through the messages. Press **OK** or **Back**, if you want to read or exit.

- ◆ **Languages**

- User can select the languages of the Info Messages user wants to receive.

- ◆ **Channel settings**

- You can select the channel from the channel list.
- You can add new channel where you want the messages to be received to the list. Then select it from select list.
- Also, the function allows you to **Select, Add, Edit** and **Delete** settings.

Call log (Menu 2)

The numbers of the last 50 calls that you have made are saved in the call log list. If your subscription includes the Calling Line Identification service and the caller's number is identified, the call log list also shows the numbers of received and missed calls. Missed, Received and Dialed calls are listed under separate tabs. User also can press  to enter call list from Idle mode. Use Navigation key to scroll between the tabs.

- **Missed calls**

- ◆ From **Call log** submenu and scroll to the **Missed calls** press **OK**. Within the submenu, you can view the phone numbers from which somebody has most recently tried to call you.
- ◆ In the list of missed calls press **OK** display Call information.
- ◆ In the missed calls' list. Press **Options**, you can:
Delete/Save/Dial/Edit/Send SMS/Send MMS/Add to blacklist/Delete all.

- **Dialed calls**

- ◆ From **Call log** submenu scroll to the **Dialed calls** press **OK**. Within the submenu you can view the numbers from which you have most recently called or attempted calls.
- ◆ In the list of dialed calls press **OK** display Call information.
- ◆ In the dialed calls' list press **Options**, you can:
Delete/Save/Dial/Edit/Send SMS/Send MMS/Add to blacklist/Delete all.

- **Received calls**

- ◆ From **Call log** submenu and scroll to the **Received calls** press **OK**. Within the submenu press **OK**. Within the submenu you can view the numbers from which you have most recently accepted calls.
- ◆ In the list of received calls press **OK** display Call information.
- ◆ In the received calls' list. Press **Options**, you can:
Delete/Save/Dial/Edit/Send SMS/Send MMS/Add to blacklist/Delete all.

- **Clear log lists**

In this submenu, Press **OK** display

- ◆ Missed calls
- ◆ Dialed calls
- ◆ Received calls

- ◆ All call lists
- ◆ Press OK to delete all the lists.

- **Call duration**

This function records the length of time or duration of all incoming and outgoing calls in hours, minutes, and seconds.

- ◆ Last call duration: Display the time of the last outgoing call in hours, minutes, and seconds.
- ◆ Dialed calls' duration: Display the time for all outgoing calls in hours, minutes, and seconds.
- ◆ Received calls' duration: Display the time for all incoming calls in hours, minutes, and seconds.
- ◆ Clear timers: Clear the time records.

- **Call cost**

This network service allows you to check the cost of your last call or all calls. The call costs are shown separately for each SIM card.

- ◆ Last call cost: you can set the phone to show the cost of last call. You may need the PIN2 code to select the currency or unit. Contact your service provider for charging unit prices.
- ◆ All calls cost: you can set the phone to show the remaining talk time in terms of charging units or units of currency by using this option. You may need the PIN2 code to select the currency or unit. Contact your service provider for charging unit prices.
- ◆ Max cost: you can limit the costs of your calls to a certain amount of charging units or units of currency by using this option. You can make and receive charged calls as long as the specified cost limit is not exceeded. The number of remaining units is shown in the Idle mode. You may need the PIN2 code to set the **Max cost**.
- ◆ Reset cost: this option allows you to reset the call cost counter. You may need the PIN2 code to clear your setting.
- ◆ Price per unit: this is the cost that the Service Provider charges for one unit of call time. At this point you will be asked to enter your PIN 2 code to set this function.

- **SMS counter**

- ◆ This function can show you the number of how many SMS you have already sent and received.

- **GPRS counter**

With the GPRS counter you can check the amount of sent and received data in last session in total and to clear the counters. The

counter's unit is a byte. To reset counter, answer "Yes" when confirm window show up.

Contacts (Menu 3)

- **Quick search**

- ◆ Quick search, allows you to key in the first characters of the name or number for which you are searching in the editor line, the matched record will be shown.
- ◆ You can search a name by simply keying in the first characters of the name. The first matched record will be shown.
- ◆ To edit an item, press Options key to enter into the submenu. You can View, Edit, Delete, Copy, Move Send SMS, Send MMS, Send vCard and Add to blacklist an entry.

- **Add new contact**

It is possible to store phone numbers in two places:

- ◆ In the **Phone memory**.
- ◆ In the SIM card.
- ◆ To store a number in the **Phone memory**:
 - In main menu, enter to **Contacts** menu and select **Add contact**. You can store 1000 entries in your phone for name and telephone number.
 - Then select **Add to phone memory**, press **OK**.
 - Enter the name and number, press **Done**.
 - For each number or text item you can choose :**Name / Mobile number / Home number / Company name / E-mail / Office number / Fax number / Birthday / Ring tone / *Image / Caller group**

[Note: Image support JPEG, Gif format. The JPEG /GIF images size should be less than 200k.]

- ◆ To store a number in the **SIM card**:
 - In main menu, select **Contacts**, and select **Add contact**. You can store 250 entries (Maximum) in your SIM card for name, mobile number and image. See also “Writing Text” on page 20-21.

(The number of store entries in SIM card, it may be different, depends on your SIM card service provider.)

- Then select **Add to SIM card**, press **OK**.
- Enter the name, mobile number and image, press **OK**.

[Note: Image support JPEG, Gif format. The JPEG /GIF images size should be less than 200k.]

- **Search**

You can search contacts by name or number.

- ◆ **Name** and **Number**, allow you key in the first characters of the name or number for which you are searching in the editor screen, press **Search** the match recorder will be shown.
- ◆ To input or edit a searched item, press **Options** key to enter into the submenu.
 - You can **View, Edit, Delete, Copy, Move, Send SMS, Send MMS, Send vCard** and **Add to blacklist** an entry.

- **Delete**

You can remove name and phone numbers from selected contacts all at once.

- ◆ In the **Contacts** Menu, select **Delete** then press **OK**.
- ◆ Choose **From phone memory** or **From SIM card** press **OK**.
User need to enter phone code to confirmed delete then press **OK**.

[Note: The default phone code is: 1122.]

- **Copy**

- ◆ You can copy names and phone numbers from the Phone memory to SIM card or from SIM card to Phone memory.
- ◆ The copy options have: **From phone memory to SIM card** or **From SIM card to phone memory**.
- ◆ Copy entry records will be saved both in SIM card and Phone memory; but Move entry records only displayed in one place, SIM card or Phone memory.

- **Caller groups**

- ◆ You can set the phone to sound a specific ringing tone and flash a selected graphic on the display when you receive a call from a particular name and phone number. To do this, first include a name and number in a caller group. Then define a ringing tone and picture/animation for this group. If you want to activate this function, please store names and phone numbers in the phone memory.

[Note: This function also can be activated If only phone numbers stored in the phone memory.]

- ◆ After entering the **Caller groups** menu, use Navigation key to change **Group name, Group tone, Group image**, and **Group member** for each group.
- ◆ Group default name include: **Friends, Family, VIP, Business** and

Others. After each setting, press **OK** key.

- **Speed dials**

- ◆ In this function, you can make a call by using the speed dialing keys.
- ◆ You can set any of the number key **2** to **9** to work as a speed dialing key. To do this you need to assign a contact record to a number key.
- ◆ Within **Speed Dials** submenu, select **Status** to **Activation** the function.
- ◆ Select **Set number** and select records from contacts then press **OK**.
- ◆ After assigning a number to a speed dialing key, you can call, reassign the record or undo the speed dial.
- ◆ When a phone number is assigned to one of the speed dialing keys (**2** to **9**) you can call the phone number in the following way:
- ◆ If you have set the menu function **Speed dials** to **on**, press and hold to corresponding speed dialing key until the call is started.

- **Settings**

- ◆ **My numbers**
 - You can view and edit personal phone number. To display my number on Idle screen, see also “Show my number” on page 45.
- ◆ **Service dial numbers**
 - Your service provider may program some special phone numbers into your SIM. It is not possible to modify the Service Dial Numbers.
 - The phone number pointed to can only be recalled or dialed.
- ◆ **Memory status**

You can check what percentage of the phone’s internal memory is occupied and how many name and number entries can still be stored in SIM card’s and Phone’s memory.
- ◆ **Memory in use**

You can choose where you want to save the name and phone number. Select **Phone memory and SIM card**, **Phone memory** or **SIM card** and press **OK**.
- ◆ **Fields**

The phone allows you to personalize the contacts’ looking. In the

Setting submenu, select Fields, and choose the item you want to display or not.

- ◆ My vCard
 - You can edit personal vCard in the handset. Also, you can send vCards to your friends that numbers saved in the contacts' list.
 - Edit my vCard

In the **My vCard** submenu, select **Edit my vCard** enter the information for your vCard then press **Save**.
 - Send My Card

In the My vCard submenu, select Send my vCard and select transfer method: Send by SMS, Send by MMS, Irda, Send by Bluetooth and Save to file.
- ◆ Search by
 - You can set the phone to search by name or number, when you search the **Contacts**. If you select **Variable**, the phone will ask how to search when you search the **Contacts**.

- **Blacklist**

Blacklist will automatically reject any unwanted call, SMS and MMS. You can define the list of correspondents you don't want to answer. If this rule is activated, when some one from the list is calling, Blacklist function will automatically decline this call.

- ◆ Settings: to turn **on/off** the blacklist settings for call, SMS and MMS. Mode: the setting mode options have: **Reject from blacklist**, **Accept only from contacts** and **Reject all**.
- ◆ Black list: Edit blacklist from contacts' list or hand input.
- ◆ Reject log: to view the reject call and message list.

Settings (Menu 4)

- **Profiles**

Within the Profiles menu, you can adjust and customize the phone tone for different events, environments and caller groups.

- ◆ **Activate**

- In the Idle mode, press **Menu** and select **Settings/Profiles** and press **OK** to access the list of profiles.
- Use Navigation key to select the profile. Pressing **Options** to activate and customize the profile.

- ◆ **Customize**

- Within Profile submenu, select one of the following profiles and press **Options**: General / Silent / Meeting / Outdoor / Headset / Bluetooth.
- Use Navigation key to select the profile. Press **Options** to customize the profile.
- In the Idle mode, user can hold and press the key  to change profiles to **Meeting** mode quickly and easily. Or in the list of profiles, scroll to **Meeting** and press **Options\Activate** to activate **Meeting** mode.
- Select the **Customize** and choose the desired option and press **OK** that you want to personalize. For example, Tone setting, Alert type, Light etc.
- Once you have selected the setting customize, you can personalize the following settings of the selected profile:
 - **Tone settings**
 - **Incoming call**: to define how the phone notifies you of an incoming call.
 - **Keypad tone**: to set the tone of keys.
 - **Power on**: to define how the phone notifies you of switching phone on.
 - **Power off**: to define how the phone notifies you of switching phone off.
 - **Message tone**: to define how the phone notifies you of receiving a message.
 - **Volume**: to set the volume level of the ringing, message and keypad tones.

- Alert type: to define how the phone notifies you of incoming calls and receiving messages.
The options are: **Ring /Vibration only / Vibrate and ring / Vibrate then ring / Light only / Beep once.**
- Ring type: to set the ring type, the options have **Repeat, Single and Ascending.**
- Answer mode: to set the phone to answer an incoming call by pressing any key.
 - Only when user chooses Headset mode, the answer mode have two options: **Any key** and **Auto** (for Headset mode only) options.
- Extra tone: to set the **Warning tone, Error tone, Camp-on tone**, and **Connect tone On or Off.** For example, when set Extra tone function to on, the phone sounds a warning tone when the battery is running out of power.
- Light: the options have:
 - **LCD backlight:** to set backlight flash time period.
 - **Keypad backlight:** to turn **on/off** keypad backlight.

◆ Rename

You can change the name of the selected profiles. More detail information about writing text see also “Writing Text” on page 20-21.

• Tone settings

- ◆ This function let you set the ring tones’ type for incoming calls and keypad tone, etc. You can also set up the tones’ type in Profiles. For more detail information, see also **Profiles/Customize.**

• Display settings

◆ Wallpaper

You can set your phone to display a background picture, wallpaper, when the phone is in Idle mode. You can also download wallpaper from WAP and MMS and then save them in **Folder** under **File manager.** Your phone supports JPEG, GIF formats.

[NOTE: The wallpaper and screen saver should be less than 1280x1024(for JPG) and 320x240(for GIF). In addition, the file size can’t be over 300kb.]

[NOTE: If the image is over sized, the image displays speed might get slow

and please wait**for more time to show up.]**

- To select a wallpaper picture
 - Press **Menu**, and select **Settings, Display Settings** and **Wallpaper**.
 - Select **Default** and image list will be shown.
 - Use Navigation key up ▲ and down ▼ direction to select the image and then press **OK**.
- To set own picture for wallpaper, select **My folder** and press **OK** to open the Folder in the **File manager**.
 - Use Navigation key up ▲ and down ▼ direction to select the Images, Photos or Phone and press **OK**.
- ◆ Screen saver
 - The screen saver is activated when the phone is in Idle mode and none of the phone's function been used for a certain time. Press any key to deactivate the screen saver.
 - Turn **Settings on** to activate the screen saver.
 - Within **Select**, you can choose an image or animation as screen saver from the select list.
 - Select in timeout after which time the screen saver will be activated.
 - To set own picture for Screen Saver, highlight **Select** and press **OK** to open **My folder** in the **File manager**.
 - Use Navigation key up ▲ and down ▼ direction to select the images and press **OK** to select.
- ◆ Color schemes
 - You can change the appearance of the display, for example, change the colors and background picture, by using color schemes. Your phone comes with some pre-set color schemes.

You can not delete these; you can choose color schemes from the list.

 - For activate each one themes, press **OK** to **Activate**.
- ◆ Standby mode settings:
 - Show date & time
 - You can turn this function **on** or **off** to show or hide date and time.
 - Show my number
 - You can turn the function **on** or **off** to display or hide own number.

- Show operator
 - You can turn the function **on** or **off** to display or hide the name of your service provider in Idle screen.

- **Time and date**

- ◆ Set the time
 - This function allows you to set the time. The format is <HH:MM>.
- ◆ Time format
 - This function allows you select the format of the time display, 12 or 24. Use Navigation key to change it and press **OK**.

[Note: the time and date format display is depending on user settings.]

- ◆ Set the date

This function allows you to set the date. After key in, press **OK**.
- ◆ Date format
 - This function allows you select format of the date display, use Navigation key to change it, press **OK**.
- ◆ Auto Update
 - Within **Settings** menu, select **Auto Update** (network service) to set the phone to automatically update the time and date according to the current time zone, select **On**.
 - Automatic update of date and time does not change the time you have set for the alarm clock, calendar or the alarm notes. They are in local time. Updating may cause some alarms you have set to expire.

- **Phone settings**

- ◆ Language
 - This allows you to switch between different languages and to select a language for the display texts.
- ◆ Welcome note

If you turn on the function, the text will be shown in the Idle screen.

 - Press **Menu**, and select **Settings, Phone settings** and **Welcome note**. Choose the **Display On** and press Navigation key down ▼ direction and **Edit**, then Key in the text and press **Save**. For writing information see also “Writing Text” on page 20-21.
- ◆ Shortcuts
 - The **Shortcuts** screen displays 27 favorite items set by the

user.

- You can edit some specific functions to the default list for your personal favorite lists and activate them.
- Within Shortcuts menu, turn **On / Off** from the function list.
- The phone offers you an extensive range of functions which are grouped in menus and submenus. From Idle mode the shortcuts menus can be accessed by pressing Navigation key down ▼ direction (Default Setting).
- For some reasons, if user have turned **Off** all favorite functions before, when user press Navigation key down ▼ direction in the Idle mode, handset will show edit favorite message remind user.
- ◆ Dedicated key
 - You can edit some specific functions to the Navigation key for your personal hot key and activate them.
 - Within up, down, left, right and center shortcut options list, select desired shortcut from the function list, then press **OK**.
- ◆ Flight mode
 - You can switch your phone to flight mode when you take aircraft. The options of flight mode are: Normal mode, Flight mode and Query when power on.
- ◆ TV out
 - Output format: TV output format setting.
 - Adjust: to adjust TV output setting.

[Note: The TV-out wire consumes much electricity whether you connect it to the television or not, so we suggest you connect this wire only if you want to use TV-out function.]

- **Call settings**

- ◆ Send caller ID

In the call setup menu, the Caller ID allows you to check the status of whether a caller's identification is sent.

- In the submenu, you can choose **Set by network**, **No** or **Yes**.
- When you choose **Set by network**, your phone must be registered with a network.

- ◆ Call waiting

- This network service allows you to answer an incoming call while you have a call in progress if you have activated the menu function.
- In the submenu, select **Activate** and press **OK** to switch on

function. In the same way, select **Deactivate** to switch off the function.

- You can check Function Status while you select **Check status**.

◆ Call divert

This network service allows you to redirect incoming calls from your phone.

- Divert all voice calls
All voice calls are diverted and no ringing tone is played at an incoming call.
- Divert if out of reach
Voice calls are diverted when your phone is switched off or outside of the network service area.
- Divert if not answered
Voice calls are diverted when you don't answer a call within the present timeout.
- Divert if busy
Voice calls are diverted when your number is busy. If **Divert if busy** is activated, to reject an incoming call will also divert the call.
- Divert all data calls
All data calls are diverted.
- Cancel all diverts

In the submenu, select **Cancel all diverts**. Press **OK** to cancel all diverts.

◆ Call barring

This network service allows you to restrict incoming calls to and outgoing calls from your phone. A barring password is required for using the function.

- Outgoing calls
To bar all outgoing calls.
- International calls
To bar all outgoing international calls.
- Int. calls except to home country
To bar all outgoing international calls except home country.
- Incoming calls
To bar all incoming calls.
- Incoming calls when roaming
To bar all incoming calls when roaming.
- Cancel all barrings
 - This cancels all call barrings.

- This service may sometimes not be supported by your network. Also, a network code is required to access this service.
 - Change bar code

To set barring call, you are asked to input your barring call password. This menu enables you to change your barring call password. To know the default password setting, please contact your service operator.
- ◆ Line for outgoing calls
 - Line for outgoing calls is a network service. To select phone line 1 or 2 that is subscribed number for making calls, within call setup submenu, select **Line for outgoing calls**, and choose **Line1** or **2** Press **OK**.
 - If you select Line2 and have not subscribed to this network's service, you will not be able to make call. However, calls on both lines can be answered regardless of the selected line.
- ◆ Call time reminder

Turn function **On/Off** to remind duration of a call. When this option is set to **On**, there will be a short beep when duration of a call exceeds the reminder time.
- ◆ Call time display

Turn function **On/Off** to show calling time.
- ◆ Automatic redial

Select **On** and your phone will make a maximum of ten attempts to connect the call after an unsuccessful call attempt.
- ◆ Closed user group

This is a network service that specifies the group of people whom you can call and who can call you. For more information please contact your network operator or service provider.
- **Network settings**
 - ◆ The function allows you to set network related settings.
 - Operator selection
 - The phone automatically selects one of the cellular networks available in your area, when auto mode is selected.
 - In manual mode the phone will show a list of available networks which you can choose from. Only networks that

have a roaming agreement with your home network operator are allowed to be selected.

- Prefer networks
 - The network list is used when the mode is set to automatic. The order of the prefer networks' list indicates the search priority. Press **Options** key to edit prefer networks: **Add from list, Create new, Change priority** and **delete**.
- Band selection
 - The wireless phone described in this guide is approved for use on **900MHz, 1800MHz, 1900MHz, 900/1800MHz** and **Auto** networks. You can choose the band from the list.
- GPRS connection
 - “**Always online**” and “**When needed**” options are available for the GPRS connection status. Press **OK** to change option.
- **Security settings**
 - ◆ PIN code request
 - This function allows you to lock the phone with a specific SIM card. The feature is designed to prevent the use of your phone by means of another person's SIM card if your phone becomes lost.
 - You can switch **on** or **off** to activate the PIN lock function. If you switch PIN lock on, every time you turn phone on, you need to enter the PIN number to set the request on.
 - ◆ Security level
 - You can switch **When switch on** or **Off** to activate/deactivate the **Security level** function to protect your phone. If you switch Phone lock on, you need enter the password to set the request on.

[Note: the default password is 1122.]

- ◆ Auto keypad lock
 - This allows you to lock the phone's keypad to prevent accidental key presses.
 - In submenu, select the time that after the last key press will be disabled, then press **OK**.
- ◆ Fixed dialing
 - You can switch mode **on** or **off**.
 - This function dials only the numbers in the fixed Dialing Number (FDN). To save and edit numbers on the list, you

need the PIN2 code.

- ◆ Barred dialing

- You can switch mode **on** or **off**.

- **This function only used if it is supported by your network operator or service provider.

- ◆ Access codes

- Change PIN code

- This allows you to change the PIN number.

- Change PIN2 code

- This allows you to change the PIN2 number.

- Change security code

- This allows you to change the password.

- **Restore factory**

- ◆ Within this menu you can reset the menu settings to their original values. The security code is needed for this function.

[Note: the default password is 1122.]

- ◆ After you select restore factory, setting values are returned default value. Those value including Profile, Ring tone, Call log, Caller group, Time format, Home city, Wallpaper, Screen saver, Color scheme, Messages counter, WAP setting etc.

Remote controller (Menu 5)

[Note: Please use this function on Hannspree'S television.]

Our phone can be used as a remote controller to control TV.

- **Remote controller**

Enter this menu, we will see the controller display.



1. Press  (OK) to turn on/off TV.
2. Press **Back** (RSK) to return to last level menu.
3. Press **Menu** (LSK) to enter option menu.
4. Press Navigation key left/right/up/down to select the option menu item.
5. Press number keys “0~9” to set the channel.
6. Long press  key () to enable/disable “Mute” function.
7. Press  key () to switch TV/Video mode.
8. Press “FM/MP3” keys to add/ minus channel.
9. Press side key  to adjust the volume.

- **Setting**

This mobile phone provides 4 RC modes for our customer according to their specific need.

Controller Function Mode Mapping Table

TV Series	Mode 1	Mode 2	Mode 3	Remarks
Style TV series product	●	○	○	Hannspree style TV series
Xv-S model GTxx series	●	○	○	Full series
Xv-S model TTxx series	●	○	○	TV sets delivered after 2008 (included).
Xv-S model JTxx series	●	○	○	TV sets delivered after 2008 (included).
	○	●	○	JT01-32E2-000G
	○	●	○	JT01-32S2-000G
	○	●	○	JT02-37E2-000G
	○	○	●	JT01-32E1-000G
	○	○	●	JT01-32S1-000G
	○	○	●	JT02-37E1-000G
○	○	●	JT02-37S1-000G	
* For Xv-S model Yttx series products, TV controller of mobile phone is not applicable.				

- **Help**

This menu is a help instruction of remote controller use method.

Multimedia (Menu 6)

- **Camera**

[Note: Please obey all local laws governing the taking of picture.]

Your phone has a digital camera and digital video recorder. You can take pictures, record video clips, view them and send them in MMS. To do this, you must subscribe to these services. Please check with your network operator. The camera lens is on the back of the handset and the display of the handset works as viewfinder. The camera produces pictures in JPEG format and the video clips in 3GP format. Please pay attention; if handset is not enough memory to take a new photo, you need to free some by deleting old photos or other files in the **File manager**.

To access this menu, press **Menu** in Idle mode and select

Multimedia/Camera, or press  side key.



1. Press Back to go back previous level.
2. To select options displayed in the areas, press the **Options** to choose camera options.
3. Display image storage indication.
4. Area used for displaying functions icon, such as image size.
5. The left and right arrows are displayed. Use side key



up/down to zoom in and out.

◆ Taking a Photo

- The live image appears on the display, and you can use the display as a view finder.

- To take a photo press side key  or  center key to capture. When a photo is taking a shutter sound is heard if the shutter sound function is enabled. The phone saves the photo in the **Photo gallery** of the **Multimedia** menu.

◆ To setup camera option

- Press **Options** enter options bar. User can select:

[Note: When user set camera capture mode to “Single” all camera options available except “Mode setting”.]

- Capture mode: take a photo in the following mode:
 - Single: take a photo in the normal mode.
 - Sticker: apply a decorative frame.
 - Burst Shot: take a series of action stills. You can select the number of photos in the mode setting the camera will take.
- Mode setting: the option might change depends on Capture mode, for detail see table below.
- Scene mode: this mode provides the best scene position setting for the scene being shot, for detail see table below.
- Self timer: set a time delay before the camera takes a photo, the detail option see below table.
- Image size: select an image size, for detail see table below.
- Image quality: to define how much the photo file will be compressed when saving the image, the detail option see below table.
- Effect settings: apply a special effect to the photo, the detail option see below table.
- Shutter sound: select the sound that you hear when you take photo.
- EV: select the value of EV to the photo, for detail see table below.
- AE meter: this determines the exposure by metering and calculating the light levels in the center and other areas of the image separately.
- Banding: adjust screen backlight flicker, the detail option see below table.
- White balance: adjust the color balance of the photo, the detail option see below table.
- Storage: select storage place in phone or memory card.
- Restore default: restore camera setting to default.

[Note]: To switch/adjust camera effect setting, by pressing the corresponding number key  to 	
Capture mode	Single/Sticker/Burst Shot
Mode setting	1. Capture mode set to Sticker , the mode setting have options are: Frame 1 / Frame 2 / Frame 3 2. Capture mode set to Burst shot , the mode setting have options are: 3 shots / 6 shots / 9 shots
Scene mode	Auto / Night
Self timer	Off / 5 sec / 10 sec / 15 sec
Image size	320*240 / 640*480 / 800*600 / 1600*1200
Image quality	Low / Normal / High
Effect settings	Normal / Grayscale / Sepia / Sepia green / Sepia blue / Color invert/ Gray invert / Blackboard / Whiteboard / Copper carving / Blue carving / Embossment / Contrast / Sketch
Shutter sound	Off / Sound 1 ~3
EV	EV +4 ~ -4
AE meter	Auto / Spot / Weight / Average
Banding	50 Hz / 60 Hz
White balance	Auto / Daylight / Tungsten / Fluorescent / Cloudy / Incandescence
Storage	Phone / Memory Card
Restore default	Restore camera setting to default

- **Photo gallery**

Photo gallery is a folder under **Multimedia**; it is a folder to save the photo images. You can view image in this folder.

◆ Press **Options** and choose one of the following functions that may be available for the selected files:

➤ View: to view the photo.

When you viewing the photo, press side key  to

zoom in/out, then you can press Navigation key  to select a zoom area.

[Note: press  can rotate image.]

- Image info: to display image detail information.
- Browse style: to select image display style.
- Forward: You can set the photo as Wallpaper and Screen saver

or to contacts, or send the photo via MMS, e-mail, Irda and Bluetooth.

- Rename: change the name of photo.
- Delete: delete selected photo.
- Delete all: delete all photos in the photo gallery.
- Sort: to sort the file by name, type, time, size or none.
- Storage: select storage place in phone or memory card.

- **Video recorder**



1. Press  (LSK) to choose video recorder options, press  (RSK) to back to previous level or saving recording.
2. Use side key  to zoom in and zoom out.
3. Use the Navigation key up/down direction to adjust EV.
4. Press  center key to start record video.
5. Area used for displaying recorder time.

- ◆ To record a video clip

- Press **Menu**, and select **Multimedia** and **Video recorder**.
- The live image appears on the display, and you can use the display as a viewfinder.
- To record a video clip, side key  or  center key.
- The phone saves the video in the **Video player** of the **Multimedia** menu. For detail information about playing video, see **Video player**.

◆ To setup video recorder option

Press **Options** enter options list. User can select:

- Video recorder settings: the settings including -White balance/EV/ Night mode/Banding. For details see table below.
- Video settings: the settings including -Video size/Video quality/File size limit/Rec time limit/Record audio. For details see table below.
- Effect settings: apply a special effect to the photo, the detail option see below table.
- Storage: select storage place in phone or memory card.
- Restore default: to restore video settings to default.

White Balance	Auto / Daylight / Tungsten / Fluorescent / Cloudy / Incandescence
EV	EV +4 ~ -4
Night mode	On / Off
Banding	50 Hz / 60 Hz
Video size	CIF (352x288) / QCIF (176x144)
Video quality	Normal / Low / Fine / High
File size limit	Unlimited / 95k / 195k / 295k
Rec time limit	No limit / 15 sec / 30 sec / 60 sec
Record audio	On / Off
Effect settings	Normal / Grayscale / Sepia / Sepia green / Sepia blue / Color invert/ Gray invert / Blackboard / Whiteboard / Copper carving / Blue carving / Embossment / Contrast / Sketch
Storage	Phone / Memory Card
Restore default	Restore video recorder settings to default

• **Video player**

Video player is a folder under **File manager**, the folder is named **Video**. It is a folder to save the video. You can view video in this folder.

◆ Press **Options** and choice one of the following functions that may be available for the selected files:

- Play: play the video. In the TV out mode, press key  you can switch to full screen and also press  can capture picture.

[*Note: Before switch to TV out mode, please remember plug in TV out cable.]

- Forward: forward video to MMS, e-mail, Irda and Bluetooth.

- Rename: change the name of the file.
- Delete: delete the file.
- Delete all: delete all the recorder files.
- Sort: to sort the file by name, type, time, size or none.
- Storage: storage place in phone or memory card.

- **Music player**

Your phone includes a Music player for listening to music tracks.

MP3 files stored in the My Music (Default setting) will automatically be detected and added to the default play list.

You can listen to the sound files via a compatible headset, or the phone's loudspeaker. You can make or answer a call while using the music player. During a call, the playback is paused.

[Note: Because of the small dimension of the speaker, in some cases the audio could be distorted, especially at maximum volume and when there are lots of bass sounds. Therefore, we recommend you to use the stereo headset in order to appreciate the high quality of your music.]

The Music Player supports:MP3, AMR, WAV, MIDI, iMelody formats.

- ◆ Playing the audio

- User can listen to music on the loudspeaker or with headphone.
- Press the  key to enter Music player in Idle mode or through phone menu.
- Use the functions of the four ways Navigation key as described in the bellow table:

Four Ways Navigation key 	Audio Play Function
▲ Up	▶ Play / Pause music
▼ Down	■ Stop
◀ Left	◀◀ Short press to skip previous tracks Long press to jump previous segment
▶ Right	▶▶ Short press to skip next tracks Long press to jump next segment

	Switch Equalizer settings
	Switch 3D effect settings

- ◆ In the **Music player** menu, pressing **List** allows access to the following settings:
 - Play list: you can view all the tracks available on the track list and play the desired track. If you press **Options** in the Play list, you can:
 - Play: to play selected music.
 - Add: to add music which not store in the MP3 folder.
 - Delete: to delete the selected music. Rename: to modify the name of the selected music.
 - Add to ring tone: to add selected music for ring tone.
 - Detail: to show music information.
 - Delete all: to delete all the music in the play list.
 - Settings: music player setting options:
 - To select **Play list** from phone or card.
 - Turn **On/Off** for **List auto generate**:
 - When **List auto generate** function turns on, user can refresh the track list (for example, after adding new tracks to the list) and change the track list that is shown.
 - When **List auto generate** function turns off, user can add tracks from the different folder in **File manager**.
 - Select **repeat** to play the current track or the enter track list repeatedly.
 - Turn **On/Off Shuffle** function.
 - Turn **On/Off Background** play function:
 - On: allow music continuing playing when left music player.
 - Off: when user left music player, music will stop.
 - Spectrum display style: to select style from the list.
 - Equalizer: the options of equalizer have **Normal / Bass / Dance / Classical / Treble / Party / Pop / Rock / User**.
 - User: equalizer defined by user.
 - Play speed: the options of play speed have **Normal / Fast / Fastest / Slowest / Slow**.
 - Audio 3D effect: the options of audio 3D effect have **None / Concert / Shower / Church / Small room / Opera / Bath room**.

[Note: All music tracks must be storage in My Music (Default setting, user may not be change path.)]

- Add / Delete Music to play list
 - Please turn off the handset before Add/Delete music.

[Note: All music tracks must be storage in My Music (Default setting, user may not be change path.)]

- Plug in cable (USB) to handset and PC, screen show three options:
 - Mass Storage mode: for add / remove music or image. In the Mass Storage mode, user can add / remove music to handset via PC.
 - Webcam: for connecting with PC as webcam.
 - COM port: as USB charger.

[Note: When you plug in USB cable, can select Mass storage, the handset will remain power on status. The handset will automatically connect to memory card only. If you want connect to the phone, please power off the handset.]

- **Recorder**
 - ◆ **Recorder** is a simple voice recording application, which provides functionalities for the user to manage voice files.
 - ◆ Within **Recorder/List** submenu, press **Options** you can select from
 - Play: play the selected sound.
 - Record: to record new sound.
 - Delete: to delete the selected sound file.
 - Rename: to modify the name of the selecting sound.
 - Append: to append the new sound with the already existing sound (for AMR format only).
 - Forward: to forward the sound file to “To incoming call tone”, “To message tone” “To MMS” or “To Bluetooth”.
 - Delete all: to delete the entire available sound files.
 - ◆ Settings: the further setting of recorder:
 - Storage: storage in **Phone** or **Card**.
 - File format: there are two types of format setting: **AMR** or **WAV**.

File manager (Menu 7)

In the **File manager** menu, you can manage images, photos, recordings, tones that you have..

Press **Menu**, select **File manager**, press **OK** to enter submenu of **File manager**.

- ◆ In the **File manager** screen, a list of folders is shown.
- ◆ Scroll to the desired device, **Phone, DRM rights, or Card (If you have memory card inserted.)** and press **Open** select options, you can **Open, Create folder, Memory status and Format**. One of the options is available.

[Note: DRM rights are the place which show the download information have DRM format.]

- Open: to view the files in the folder.
- For selected folder, press **Options**, one of the options is available:
 - Open
 - Create folder
 - Rename
 - Delete
 - Sort
- Create folder: to add a new folder into list.
- Format: you can format the file list.
- ◆ Scroll to the desired folder, and press **Options** select options, the folder options have: **Open, Create Folder, Rename; Delete and Sort**.
- ◆ Scroll to the desired file, and press **Options** select options, the file options have: **View (image), Play (video, audio), Image info (image) Forward, Detail, Rename, Copy, Move, Delete, Delete all and Sort**.

Organizer (Menu 8)

- **Java**

This function design for **Java** use only.

- ◆ Java settings

- Java audio: Use Navigation key right/left to setup Java audio volume.
- Java vibration: Use Navigation key right/left to setup Java vibration **On/Off**.
- Free Space: to show free Java space information.
- Heap size: to show Java size information.

[**Note: Java service may not be available, depending on your service provider.**]

- **Games**

- ◆ Your phone software includes some games specially designed for this handset.
- ◆ You can launch a game by press **Menu**, and select **Organizer** and select **Games**.
- ◆ Use Navigation key select a game or game set, press **OK**.
- ◆ Press **OK** again, you can choose the option you want:
 - Start game
 - Game level
 - Best grades
 - Game help
- ◆ Game settings

This function design for **Games** use only.

- Background music: turn **On/Off** background music.
- Sound effect: turn **On / Off** sound effect of game.
- Vibration: turn **On / Off** vibration effect of game.

- **Health**

- ◆ BMI (Body Mass Index)

In this submenu, you can check your BMI value in relation to your height and weight.

- To calculate the BMI value proceed as follows:
 - Select your gender, **Male** or **Female**, use Navigation key four ways direction  select it.
 - Enter your height in centimeters using the numeric keys.

- Enter your weight in kg using the numeric keys and press **OK**.
- The phone calculates your BMI ratio value and display the result.

◆ Pink schedule

Using this feature, user can enter information on menstrual cycle and determine the:

- Probability of becoming pregnant on the current date.
- Period during which it is possible to become pregnant date of next period.
- To check your menstrual cycle, enter the starting date of your last period.
- Enter the average length of your menstrual cycle and press the **OK** key.
- To get detail information, select one of highlight date and press **OK** to display pregnant probability.

[Note: This schedule may not fit to your physical condition. Therefore, use the pink schedule just for reference.]

• Stopwatch

You can measure time, take intermediate times, or take lap times using the stopwatch. During timing, the other functions of the phone can be used. To set the stopwatch timing in the background, press the end key.

(When you set this function on you can see  on the Idle screen.)

Using the stopwatch or allowing it to run in the background when using other features increases the demand on battery power and reduces the battery life. The stopwatch continues to run when you answer an incoming call.

- ◆ Press **Menu**, select **Organizer/Stopwatch**, press **OK** to enter submenu of **Stopwatch**.
 - Split timing: to take intermediate times. To start the time observation, press **Start**, press **Split** every time that you want to take an intermediate time. To stop the time observation, press **Stop**. To save the measured time, press **Save**. To start the time observation again, press **Resume**, the new time is added to the previous time.
 - Lap timing: to take lap times. To set the stopwatch timing in the background presses the  key.

- View record: to view the saved time. The record options have:
View, Delete and Delete all.

NOTE: The stopwatch is also running when you back to the idle mode and there will be a counting icon displayed on the top of the idle mode.

- **Alarm clock**
 - ◆ The alarm clock uses the time format set for the clock.
 - ◆ Press **Menu**, select **Organizer/Alarm clock**, press **OK** to enter submenu of **Alarm clock**.
 - ◆ To set the alarm, press **Edit** and set on the alarm, key in the alarm time.
 - ◆ You can repeat the alarm, **Once, Mon-Fir, Mon-Sat** and **Everyday**.
 - ◆ Press **Stop** to stop the alarm. If you let the phone continue to alarm for a minute or press **Snooze**, the alarm stops for about 1 minute and then resumes.
 - ◆ If the alarm time is reached while the phone is switched off, the phone switches itself on and starts sounding the alarm tone, if you press **Stop**, the phone ask whether you want to active the phone, **Power on?** Press **No** to switch off the phone or **Yes** to switch on the phone.
- **Calendar**
 - ◆ You can use the phone's calendar to keep track of reminders, calls you need to make, meetings and birthdays. You can set the calendar to sound an alarm when it's time for you to make a call or to go to a meeting.
 - ◆ Press **Menu**, select **Organizer/Calendar**. Press **Options** to the options list, you can **Add task, View, week view, Jump to date, Set holiday (Reset holiday), Delete by day, Delete all** and **Calendar settings**.
 - ◆ Calendar display depends on user setting calendar format in the Calendar setting, for example: you can select Thai Calendar when language setting is Thai mode.
 - ◆ If you want to add new task, within the calendar submenu, use Navigation key move to the day you want or press **Options** to select **Add task**. In this submenu user can edit the details of the task: **Set the date, Start time, Stop time, Note, Reminder (On /Off)** and **Repeat (Once/ Everyday /Weekly /Monthly /Every year)**. More detail information about writing text see also

“Writing Text” on page 20-21. Then press **Done/Save** to save the task. If there are any tasks set for the day, the day is changed display icon. To view the appointments, press **OK** to **Edit** and **Delete**.

- **To do list**

- ◆ In this function, you can Add task, Edit task, Reminder tone, Delete task, Delete all the list of tasks. You can also select and view a single task. More detail information about writing text see also “Writing Text” on page 20-21.
- ◆ The task view allows you to view the details of the select task. You can move through the task.
- ◆ When setting time is coming, the alarm notification is enable, the phone will remind user his activities.

- **World clock**

- ◆ The screen shows the city name, current date and time.
- ◆ You can set home city by pressing Navigation key to choose the city and check the local time, press OK.
- ◆ If you want to change the time display in Idle mode to the selected time, press OK.
 - The time zone setting of each city in world time menu may be affected by network condition.

- **Calculator**

- ◆ You can use your phone’s calculator to add, subtract, multiply and divide.
- ◆ Press Menu, select Organizer/Calculator, press OK.
- ◆ With the screen showing a “0”, enter the first number in the calculation.
- ◆ Use Navigation key to select add, subtract, multiply, and divide then press OK or center key  to continue operation.
- ◆ Press  or use Navigation key to select “” to enter a decimal point.
- ◆ Press Clear to start the new calculation.

(NOTE: You can press C to clear all digits and press CE to clear the current digit during your calculation.)

- **Converter**

- ◆ To convert measures such as Weight from one unit (Pound) to

another (Kg). Press the Menu, and select Organizer then Converter.

- ◆ In the Converter submenu, press Options to select converter options, options in Weight converter are Set weight converter, Reverse converter and Set converter.

[Note: the Converter option display is depending on user settings.]

- ◆ In the first amount field, and enter the value you want to convert, the other amount field automatically shows the converted value. For example, in weight converter, pound units expressed in kg units, enter 110 and 49.895164 automatically show in kg field.
- ◆ Press Navigation key up/down to reverse converter, or press Options to select reverse converter option.
- ◆ If you want to select other converter types, press Options and select Set converter to open a list of measures: Weight, Height, Temperature, Area, Volume, Currency, User defined. Choose the measure you want to use and press OK to enter converter unit list. Also can choose the User defined to set user defined converter.
- ◆ Choose the converter unit from which you want to converter and press Options\Activate.

Connectivity (Menu 9)

- **SIM Service**

Your phone supports both SIM Service and WAP (Wireless Application Protocol) service. These services allow you to browse all kinds of information such as news, weather reports, flight schedules, dictionaries, etc. Even more, you can connect to the Internet and go to your favorite WAP enabled web sites.

In addition to the functions available in the phone, your SIM card* may provide additional services under the SIM service submenu**. By entering the submenu, you can find a list of services provided by your operator. The requested information may be responded via voice speech or SMS (Short Message Service). Additional charges may apply for services involve sending a SMS or making a phone call.

*Some SIM cards may not support SIM service. In such case, you won't be able to see the SIM service submenu.

** SIM service varies from operator to operator. The name and contents of the menu depend entirely on the SIM card provided by your operator. For availability, rates and information on using the SIM service, contact your network operator, service provider or other third-party vendor.

- **Irda settings**

Using Irda wireless, you can connect the phone wirelessly to other Irda devices and exchange data with them. Irda technology allows free wireless connections between computer or other devices which support Irda and be turned on within a range of 10~20cm. And two Irda devices must be in line of sight to each other.

- ◆ Power

- Turn On/Off /On for 10 minutes the Irda feature.

- ◆ Storage

- To select storage place in phone or memory card.

- **Bluetooth**

Using Bluetooth wireless, you can connect the phone wirelessly to other Bluetooth devices and exchange data with them and talk hands-free. Bluetooth technology allows free wireless connections between all Bluetooth-compliant devices within a

range of 10 m.~33 ft. Since the devices communicate using radio waves, they do not need to be in line of sight to each other.

[Note:

- 1. If there are obstacles between the devices, the maximum operating distance may be reduced.**
- 2. It is recommended that you can not use the Bluetooth feature while using multimedia features such as Recorder, Camera, Media Player, or vice versa for better performance.**
- 3. Some devices may not be compatible with your phone.]**
 - ◆ Power
 - Turn **On/Off** the Bluetooth feature.
 - ◆ Inquiry audio device: to search for compatible Bluetooth audio devices. Before search audio device, please turn on the Bluetooth function first.
 - From the **Bluetooth** submenu, select **Inquiry audio device** press **OK** to start search.
 - ◆ My device: search for connectable Bluetooth devices.
 - From the **Bluetooth** submenu, select **My device** press **OK** to enter Bluetooth devices list. If the list is empty, press **Options** to select **Inquiry new device** to search new device. After searching, a list of devices will shown, in which you can connect displays.

[Note: Some devices may have a fixed Bluetooth PIN code, such as 0000, if the other device has one, you must enter the code. Please refer devices user guide.]

- ◆ Active device
 - Scroll to the device you want to pair with and press **OK**.
- ◆ Settings
 - Visibility: If turn on the function, your phone can be found by other Bluetooth devices. If turn off the function, your phone cannot be found by other devices. When visibility function turn off, to the paired devices, to show the phone in the paired recorder list only.
 - Change device name: to assign a Bluetooth device name to your phone, this is after displayed on other devices.
 - Authentication: to turn on/off Bluetooth authentication function.
 - Audio path: to select audio device path.
 - FTP settings: the options have Shared folder and Access right.
- ◆ About: to display available Bluetooth services.

- **Data account**
 - ◆ To display the data account information. Default data accounts based on major operators at the time this phone is manufactured are provided.
 - ◆ There are two kinds data accounts:
 - GSM
 - Press **Edit** to change the data account settings, including:
Account name / Number / User name / Password / Line type / Speed / DNS
 - GPRS
 - Press **Edit** to change the data account settings, including:
Account name / APN / User name / Password / Auth. Type

E-mail (Menu 10)

This function only used if it is supported by your network operator or service provider.

In E-mail you can create, send, receive, view, and delete all the e-mails in different boxes.

- **Send and receive**
 - ◆ Select **Send and receive** press **OK**, you can read the email **Send and receive** situation simply.
 - ◆ In the screen press **Detail**, you will see the exact information: the number of sent/received and wrong settings e-mails.
- **Write e-mail**
 - ◆ **Edit.**
 - **To:** The receiver's address.
 - **Cc:** Make a copy to another address.
 - **Subject:** Title of the e-mail.
 - **Attachment:** To insert a file in the e-mail. Press **Edit** to link a specific folder in **File manager** and scroll to the desired file, press **OK** and **Done**. Then an attached file is indicated with the file name in the e-mail.
 - **Priority:** To define different level of the e-mail (Low/Normal/High).
 - **Content:** The mainly content of the e-mail.
 - ◆ **Send.**
 - After edit, presses **Done** to choose send option: **Send, Preview, Save and Send, Save to drafts, Quit without saving** then press **OK** to send the email or **Exit**.
 - You also can choose the **E-mail profile** to select a profile setting for the e-mail which was edited just now. How to set the profile will be introduced in **E-mail profile**.
- **Inbox**
 - ◆ From **E-mail** menu selects **Inbox** press **OK**.
 - ◆ Move to desired e-mail and press **OK** to enter list. Press **Options** and inbox option list appears, you can select **Reply, Forward** and **Delete**.
- **Unsent**
 - ◆ From **E-mail** menu selects **Unsent** press **OK**.
 - ◆ Move to desired e-mail and press **OK** to enter list. Press **Options**

and inbox option list appears, you can select **Send**, **Save and Send**, **Edit**, **Move to drafts** and **Delete**.

- **Sent**
 - ◆ From **E-mail** menu selects **Sent** press **OK**.
 - ◆ Move to desired e-mail and press **OK** to enter list. Press **Options** and inbox option list appears, you can select **Forward** and **Delete**.
- **Drafts**
 - ◆ From **E-mail** menu selects **Drafts** press **OK**.
 - ◆ Move to desired e-mail and press **OK** to enter list. Press **Options** and inbox option list appears, you can select **Edit** and **Delete**.
- **Delete all**
 - ◆ From **E-mail** menu selects **Delete all** press **OK**.
 - ◆ If you choose this item and press **OK**, all the folders will be deleted.
- **E-mail profile**
 - ◆ From **E-mail** menu selects **E-mail profile** press **OK**.
 - ◆ Three profiles you can define. Choose one profile and select **Options**, there are two items:
 - **Activate**: Enable the profile.
 - **Edit**: You can edit the setting value according to your needs.
 - **Profiles settings**: Settings about the Internet: **Profile name** can be changed freely to define the profile; **Data account** is selected from **Data account** under **Connectivity** menu; **Check interval** define the interval of checking mailbox; **Download size** define the max size while the phone is downloading.
 - **SMTP settings**: **SMTP** is a protocol, it is used for sending e-mails. In our phone, we need to set some values **Outgoing server** , **Outgoing port**, **Display name**, **E-mail address**, **User name** and **Password** so that e-mail can be sent normally.
 - **POP3 settings**: **POP3** is another protocol, it is used for receiving e-mails. In our phone, we need to set some values **Incoming server**, **Incoming port**, **User name** and **Password** so that e-mail can be received normally.
 - **Signature**: It just like we use signatures when we writing a mail. Here you can set **Auto signature**, **Signature image** and **Signature text**.

FM radio (Menu 11)

- **FM radio**

To listen to the FM radio on your phone connects the compatible headset connector on the down side of the phone. Note that the quality of the radio broadcast depends on the radio station's coverage in that particular area. To quick access FM radio in Idle

mode, press  or through phone menu.

- ◆ To turn on the radio

- Press **Menu** and select **FM radio**.
- Press Navigation key down ▼ to turn on/off radio.
 - On the display are:
 - Channel location number and the name of the radio channel if you have saved the channel.
 - Frequency of the radio channel.
- If you have already saved radio channels, you can scroll to the channel you would like to listen to or select a radio channel location 1 to 10 by pressing the corresponding number key.

- ◆ Search a radio channel

- When the radio is on, press Navigation key up ▲ to enable / disable **Auto search** then press Navigation key left ◀ or right ▶ to search channel when a channel is found searching will stop. Or you can press Navigation key left ◀ or right ▶ to search channel by hand.
- Saving radio channels
 - To save channels quickly in positions 1-10, press and hold number key  to . Selecting a channel that you wanted to be saved in position 1-10, and press key 1-10.

- ◆ FM recorder

- To record FM radio, press  center key to begin FM recorder.

Four Ways Navigation key	
	FM Radio Function

▲ Up	Turn On/Off Auto search
▼ Down	Turn On/Off radio
◀ Left	⏪ press to skip 0.1 MHZ
▶ Right	⏩ press to skip 0.1 MHZ
	Enter radio option list
Key 1-9	To change radio channel, by pressing the corresponding number key.

[Note: Before use FM radio option, please turn on the radio first.]

- **Using the radio**

- ◆ When the radio is on, press  key and select:
 - Stations
 - To save the channel you have found, press and select **Edit**. Key in the name of the channel and Frequency press **OK**. You can save 10 radio channels in the handset.
 - Set frequency: if you know the frequency of the radio channel you would like to listen to (between 87.5 MHz and 108.0 MHz), key it in and press **OK**.
 - Auto search: if you want to search radio channel, press **Yes** when Preset list confirm message show up. The search stops when channels has been found and show channel in **Channel list**.
 - Record: Beginning record FM radio.
 - Append: to append new radio with the already existing file.

[Note: FM recorder file append function only support for AMR file format.]

- File list: show amount of record files.
- Settings: FM radio setting options:
 - Turn **On/Off Background** function.
 - On: allow radio continuing playing when exit FM radio.
 - Off: when user exits FM radio, radio will stop.
 - Record format: select the record format, **AMR/WAV**.
 - Record storage: save the radio file in the **Phone** or **Card**.

[Note: You can normally make a call or answer an incoming call

while listening to the radio. The volume of the radio is muted. When you end the call, the radio volume will automatically be turned up again. Also, when an application using GPRS or HSCSD connection is sending or receiving data, it may interfere with the radio.]

WAP (Menu 12)

The WAP service enables your phone to surf the Internet. Your phone offers you several default profiles to choose from. These default profiles are based on the connection settings of major operators at the time this phone was manufactured. You can apply the desired connection settings by simply activating the respective profile, and you are ready to go.

- **Homepage**

For each profile you are allowed to store a Home URL (Universal Resource Locator) address. You can quickly access the homepage of the active profile by selecting Home when the WAP menu is displayed.

- **Bookmarks**

You can save the addresses of web pages as bookmarks in the phone's memory.

- ◆ Press Menu, and select WAP and Bookmarks.
- ◆ Choose the bookmarks you want to use and press Options.
- ◆ Select Goto will open a connection to the page associated with the bookmarks. You can also Edit or Delete the selected bookmarks, or Add Bookmark a new bookmarks by entering the title and URL address.

- **Recent pages**

You can view the recent pages that you have read. Press **Goto** to connect to the selected page.

- **Go to URL**

Key in the URL address and press **OK** to connect to the address.

- **Service inbox**

- ◆ The received WAP push message will be stored in the Service Inbox. This means that a service provider sends WAP content to your phone without having you to do anything. You can get updated news or new WAP settings from your service provider.
- ◆ In the push message list, press **Options** key to **Download** or **Delete** push message.

- **Settings**

- ◆ Edit profile

The WAP settings are stored in a WAP profile. In most cases you only need to use one of the default profiles to access the Internet. The

settings are different from operator to operator. Please consult your operator or service provider for the correct settings and proceed with care. Wrong settings will cause the connection to fail.

- Within **Edit profile** submenu, press **OK** key to enter profile editing list.
- Activate profile: press **OK** to activate the selected WAP profile.
- Rename profile: you can rename the selected WAP profile.
- Homepage: enter a title and address of the WAP web site as the homepage. You can only have a homepage for each profile.
- Press **Menu**, select **WAP/Settings** and **Edit profile** then press **OK**.
 - Choose the desired profile from the setting list first, and then press **OK**.
 - Choose **Homepage** and press **OK**.
 - Key in the Home title and URL address then press **OK**.
 - Data account: users are only allowed to choose a data account. The list of the accounts should be consistent to those under Connectivity menu - Data Account.
 - Connect type: select **HTTP**, **Connection-oriented**, or **Connectionless** from the list.
 - Username: enter your user ID for the WAP gateway.
 - Password: enter your password for the WAP gateway.
- ◆ Browser option
 - Timeout: set the timeout value for the browser. The browser will stop connecting to the web site if the web site does not respond within the timeout time.
 - Show image: set option **On/Off** to view pictures while browsing.
- ◆ Service message settings: turn **On** or **Off** to decide whether you want to receive the service message or not. The message is saved in the Service inbox.
- ◆ Clear cache
 - The information or data you have accessed are stored in the cache of the phone. A cache is a file buffer which is used to store data temporarily.
 - Within **Settings** submenu, select **Clear cache**, and press **OK**.
- ◆ Clear cookies
 - It is advisable to clear any sensitive information like cookies of previously visited web sites. This is to avoid privacy and security risks if your phone is misplaced, lost or stolen.

- Press **OK** to clear all the cookies.
- ◆ Clear recent page list
 - It is advisable to clear any sensitive information about previously visited web pages in Recent Page List. This is to avoid privacy and security risks if your phone is misplaced, lost or stolen.
 - Press **OK** to delete all the recent pages.
- ◆ Trusted certificates
 - For using some services, such as banking services, you need security certificates. After you have downloaded the required security certificate from the Internet, you can view the certificate and then save or delete it. If you save it, the certificate is added to the list of trust certificates under the **Settings** of **WAP** menu.
 - View the list of Trust Certificates:
 - Press **Menu**, select **WAP, Settings** and **Trust certificates** press **View** key.
 - If the security indicator is displayed during a connection, the data transmission between the phone and the gateway server is encrypted. However, the security indicator does not indicate that the data transmission between the gateway and the content server (the location where the requested resource is stored) is secure. It is up to the service provider to secure the data transmission between the gateway and the content server.