

# C570 USER MANUAL

Thank you for choosing our Pantech KATE, our latest EDGE mobile phone.

The user guide contains important information about using your handset. Please read the manual thoroughly, pay attention to the safety information and warranty on the back page and be alert to the exclusions and limitations of your warranty, related to the use of unauthorized components.

Some information in this manual may differ from your phone, depending on your software version and network provider.

This user manual can be changed at any time without any notice for typographical errors, improvement of software, limitation of the warranty and legal information. Such changes will incorporate to new editions.



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# 1. Getting Started

Phone overview

Menu overview

SIM card and battery

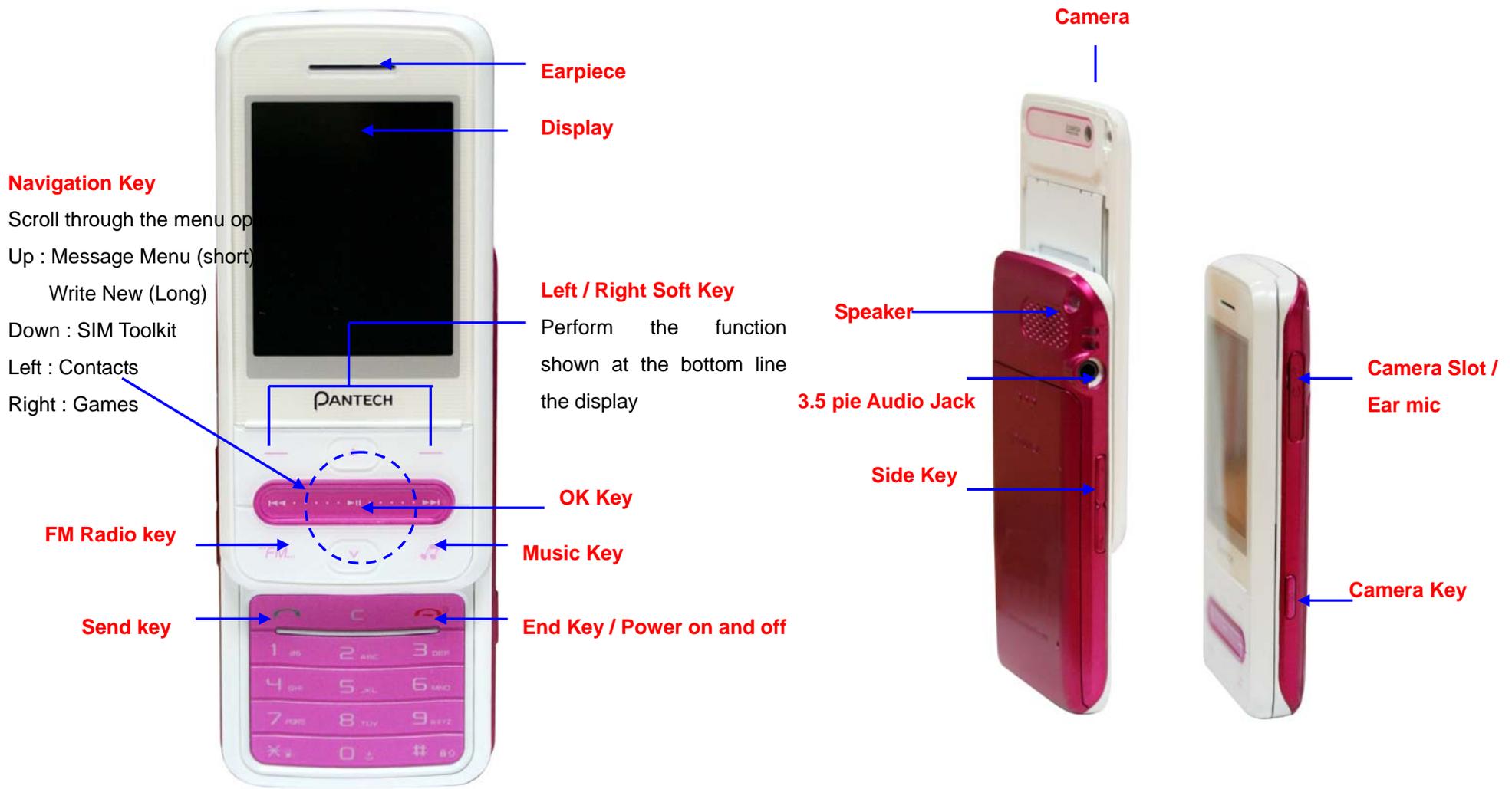
Turn on/off the phone

Display indications

Memory card

Entering text

# Phone overview



## Menu overview

### 1 Messages

1. Create Message\*
2. Inbox\*
3. Sent
4. Outbox
5. Drafts
6. Templates
7. Voice Mail\*\*
8. Settings
9. Memory Info

### 2 Games

### 3 SIM Tool Kit (Carrier) \*

### 4 Idea Search Engine\*\*

### 5 Idea (WAP) \*\*

1. Home
2. Bookmarks
3. Go to URL
4. Profiles
5. Options
6. Security
7. Version

### 6 Music

1. All music
2. Albums

3. Artists
4. Genres
5. Playlists
6. FM Radio
7. Settings

### 7 Multimedia

1. Audio
2. Music
3. Graphics
4. Camera
5. Camcorder
6. Photo Album
7. Video Album
8. Other Files
9. Memory Card
10. Memory Info

### 8 Applications

1. Contacts
2. Alarms
3. Calendar
4. Notepad
5. Voice Memo
6. World Time
7. Calculator
8. Converter
9. Stopwatch

## 9 Settings

1. Profiles
2. Display
3. Call
4. Phone
5. Connectivity
6. Security
7. Software Version
8. Reset

\* SIM dependent

\*\* Network dependent

.

## SIM card and battery

### About your SIM card

When you subscribe to your network operator, you receive a SIM (Subscriber Identity Module) card containing your registration information, PIN code, etc.

### About your battery

Your phone uses a Li-Ion battery. Make sure to use an authorized battery and charger only. For more details, please inquire at your nearest dealer.

### To installing/removing SIM card and battery

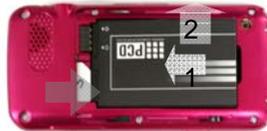
1. Remove the battery cover from the unit.



2. Put the SIM card into the slot(1). Put the contacts of the battery into the hole located at the bottom of the unit insert(2) and press the bottom side(3) of the battery until you hear the "click".



3. To remove the battery push the top of the battery downwards(1) and remove(2) the



battery. Push the SIM card in the arrow direction as shown.

4. Fit in the battery upper on the guide rail and push up.

**NOTE:** Data will be loose if the SIM card is removed while the phone is turned on.

### To charge your battery

1. To charge open the protective cover on the bottom and connect the charger adapter.



2. To remove the adapter connection press the adapter's side buttons(1) and pulling the adapter away(2).



### Battery performance

Battery Type	Capacity	Standby Time	Talk Time
Standard Lithium-Ion (Li-ion)	Up to 930 mAh	Up to 250 hours	3 hours

## Turn on/off the phone

### To turn on

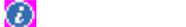
1. Press and hold [].

### To turn off

1. Press and hold [].

## Display indications

### Essential icons

	Signal strength/ Roaming signal strength*/ Flight mode
	Calling/Call forwarding* / FAX mode* / Data* / No Service
	Profile ( <b>Normal</b> / <b>Vibrate and Ring</b> / <b>Vibrate Only</b> / <b>Silent</b> )
	Text, Multimedia, WAP push, Other or voice messages*/Sending message*/ Receiving message*
	Alarm
	Bluetooth/Connection/headset
	Edge/GPRS
	WAP
	Battery strength

\* Network dependent

## Memory card

You can use microSD card as memory card. It gives you more space to save pictures, videos, music and etc.

## Inserting and removing the memory card

1. Open the memory card slot.
2. Insert the card.
3. Press the card to remove.

## Using memory card

You can save and delete the files between your phone and external memory card. You can also move and copy the files to computer from your phone.

### To copy the file to the card

1. Select the file > **Options** > **Copy to Phone Memory**.

### To delete the file from the card

1. Select the file from the card > **Options** > **Delete**.

### To move the file from the card to the computer

1. Connect the data cable with mobile and the computer.
2. Press **Menu** > **Settings** > **Connectivity** > **USB Mode**
3. Press **Mass Storage** > **Select**
4. Follow the instruction on your computer screen.
5. To disconnect remove the data cable.

## Entering text

You can enter text with multitap, predictive, numeric or symbol.

### Useful keys

[* 🗨️]	Display symbols(Long press)
[□ ⌵]	Adding space
[# 🗨️]	<p>Change the text input mode            Press to change ab Ab AB and press and hold to change from multi to predictive to Number to Symbol            Multitap</p> <p><b>Ab</b> <b>AB</b> <b>ab</b> (first letter caps / all caps / all small caps)</p> <p>Predictive   (first letter caps / all caps/ all small caps)</p> <p><b>Sym</b> Symbols</p> <p><b>123</b> Numeric</p>

### Special key characters by language

Each of the following keys will scroll through these sequential options listed by language.

key	English	Spanish	Portuguese
1	. , - ? ! ' @ : 1		
2	a b c 2	a b c á ã ç 2	a b c ç ã á à â 2
3	d e f 3	d e f é 3	d e f é ê 3
4	g h l 4	g h l í 4	g h l í 4
5	j k l 5	j k l 5	j k l 5

6	m n o 6	m n o ó ñ 6	m n o õ ó ô ñ 6
7	p q r s 7	p q r s 7	p q r s 7
8	t u v 8	t u v ú ü 8	t u v ú ü 8
9	w x y z 9	w x y z 9	w x y z 9

### Predictive mode (T9)

The T9 mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word. The most commonly used word will appear first. To save a word not listed in phone's dictionary press **Options > My word**.

1. Press and hold [ # 🗨️ ] to change the mode as T9.
2. Press [ 2 ABC ] to [ 9 WXYZ ] to input text. For example, to write 'hello' press [ 4 GHI ] [ 3 DEF ] [ 5 JKL ] [ 5 JKL ] [ 6 MNO ].

### Multi-tap input mode

Press the key labeled with the target letter once for the first letter; press it twice for the second letter, and so on.

1. Press and hold [ # 🗨️ ] to change the mode as multi-tap.
2. Press [ 2 ABC ] to [ 9 WXYZ ] to input text repeatedly. To write the letter "C", press [ 2 ABC ] 3 times.

## Numeric mode

You can input numbers in this mode.

1. Press and hold [ # 123 ] to change the mode 123.
2. Press [ 1 00 ] to [ 9 wxyz ] and [ 0 ± ] to input text.

## **2. Calls & address book**

**Making, receiving & ending a call**

**Options during a call**

**Call Setting**

**Speed dialing**

**Using address book**

**Call waiting & caller identification**

**Using your headset**

**Service number & fixed number**

## Making, receiving & ending a call

### To make a call

1. Enter the area code and phone number.
2. Press [  ] key.

### To answer a call

1. Press [  ].

### To end a call

1. Press [  ].

Once the call is completed, a call summary is displayed.

### To reject a call

1. Press [  ] or **Reject**.

### To make a call using call list

Your phone logs up to 30 dialed, received and missed call numbers.

1. Press [  ] to display the recent call list.
2. Select **All Calls**, **Missed Calls**, **Received Calls** or **Dialed Calls**
3. Select a number.
4. Press [  ] to dial the selected number.

**NOTE:** To redial the last number in the recent call list, press and hold [  ].

### To make a call during a call

1. Enter the phone number or look it up in **Contacts**.
2. Press [  ] to dial the second call. The first call is automatically put on hold.

### To switch between two calls

1. Press **Swap** [RSK].

### To make an international call

1. Press and hold [  ] key for the international prefix until the '+' character appears.
2. Type the country code, area code, and phone number.
3. Press [  ].

### To make an emergency call

You can make emergency calls even if your phone does not have a SIM card.

1. Press emergency number, or press **SOS** if your phone does not have a SIM card.
2. Press **Select**

### To reply to a missed call\*\*

1. Press **View** to display the list of missed calls.

2. Select a number to call by pressing the /  key.
3. Press .

### To answer a second call\*\*

1. Press . The first call is automatically put on hold.
2. Press  to end the second call.  
The call on hold is automatically reconnected.

## Options during a call

### Microphone off and on

#### To switch your phone's microphone off

1. Press **Options** > **Mute** , or **Mute** [RSK].

#### To switch your phone's microphone back on

1. Press **Options** > **Unmute** or **Unmute** [RSK]..

### To talk on speaker

1. Press  [CSK].

### To put a call on hold and return\*\*

#### To put a call on hold

1. Press **Options** > **Hold** or press .

### To return to a held call

1. Press **Retrieve** [RSK] or press  again.

### Multi-party calls\*\*

You can talk with more than one person or conference call.

#### To make a multi-party call

1. Call the first participant.
2. Call the second participant. The first call is automatically put on hold.
3. Press **Options** > **Join**.

#### To add a caller to a multi-party call

1. Press **Options** > **Join All**.

#### To have a private conversation with one participant

1. Press **Options** > **Private**.
2. Press **OK**.
3. Select the participant and press **OK**.

All of the multi-party call participants can now hear each other.

#### To remove one participant from a multi-party call

1. Press **Options** > **End call**
2. Select the participant and press **OK**.

The call ends with that participant, but you can continue to talk with other participants.

## To search a number in address book during a call

1. Press **Options** > **Contacts** > **Contact List**.
2. Select a number > [].

## To search for a name or group in address book

Enter the first letters of the name for Name Search. The entries are displayed starting with the first entry matching your input.

## To find a name manually in address book

1. Press the [/] key.

## To view the details of highlighted entry in address book

1. Press **OK**.

For the **address book**, see page 18.

## To read a message during a call

1. Press **Options** > **Message**.
2. Press **Inbox** > select a message

## To write a message during a call

1. Press **Options** > **Message**.
2. Press **Create Message**

For creating **message**, see page 25.

**NOTE:** During the call, you can only send text messages. Multimedia

messages cannot be sent, but can be saved.

## Call waiting & caller identification

### To activate call waiting\*\*

1. Press **Menu** > **Settings** > **Call** > **Call Waiting**.
2. Select the calls > **Select** > **OK** > **Activate** > **Select**.
3. Press **Select** > **OK**.

### Caller identification\*\*

1. Press **Menu** > **Settings** > **Call** > **Display My Number**
2. Select **Network Default**, **Show My No.** or **Hide My No.**

## Call Setting

### To set call forwarding\*\*

You can divert incoming calls to another phone number.

1. Press **Menu** > **Settings** > **Call** > **Call Forward**.
2. Select the call type and divert option.
3. Select **Activate** or **Deactivate**.
4. Enter number and press **Request**.

### To set auto redial

1. Press **Menu** > **Settings** > **Call** > **Auto Redial**.

2. Select **On** or **Off**.

### To set answer type

1. Press **Menu > Settings > Call > Answer Type**.
2. Select **Slide Up, Send Key, or Any Key**

**NOTE:** you can answer with any key except [] and **Reject**.

## Speed dialing

You can dial quickly using speed dialing. It can be saved of 8 numbers from 2 to 9.

[1 ∞] : **Voice mail**

[0 ±] : **Prefix for international call**

### To set speed dial

1. Press **Menu > Applications > Contacts > Speed Dial**.
2. Select an empty entry and press **Add**.
3. Select a person > **OK**.

### To update speed dial

1. Press **Menu > Applications > Contacts > Speed Dial**.
2. Select a number and press **Options > Edit**.
3. Select a contact and press **Options > Select > Yes**.

### To remove from speed dial

1. Press **Menu > Applications > Contacts > Speed Dial**.

1. Select a number and press **Options > Remove**.

### To set speed dial in address book

1. Press **Menu > Applications > Contacts > Contact List**.
2. Select a person > **Options > Add to Speed Dial**.
3. Select an entry and press **OK**.

## Using address book

You can save names, phone numbers, and information up to 600 contacts on the SIM or phone. Entries can be depends on the capacity of the SIM card.

### To add a contact

1. Press **Menu > Applications > Contacts > New Contact**.
2. The contact is saved in your **SIM**
3. To edit memory option press **Menu > Applications > Contacts > Memory in Use**

### To view contact list

1. Press **Menu > Applications > Contacts > Contact List**.

### To search for a phone number

1. Press **Menu > Applications > Contacts > Contact List**.

2. Input a name.
3. Press **OK** to view detail information.

### To call from contact list

1. Press **Menu** > **Applications** > **Contacts** > **Contact List**.
2. Select a contact > [.

### To forward contact details

1. Press **Menu** > **Applications** > **Contacts** > **Contact List**.
2. Select a contact > **Options** > **Forward Contact Info**.
3. Select **Send as Multimedia** or **Send via Bluetooth**.

### To delete a contact

1. Press **Menu** > **Applications** > **Contacts** > **Contact List**.
2. Select a contact > **Options** > **Delete**.

### To make a groups

1. Press **Menu** > **Applications** > **Contacts** > **Groups**.
2. Press **Options** > **New**.
3. To edit group press **Options** > **Rename**.

### Caller identification\*\*

1. Press **Menu** > **Settings** > **Call** > **Display My Number**.

## Using your headset

You can send or receive a call using your headset.

When you connect your headset to the jack the button on the headset works as follows.

### While in standby mode

1. Press the button **once** to list recent calls.
2. Press and hold the button to redial the last call.

### While the phone is closed

1. Press the button **once** to receive a call.
2. Press and hold the button to end the call.

## Service number & fixed number

### To call your service numbers\*

You can see the service number to reach the service provider.

1. Press **Menu** > **Applications** > **Contacts** > **Service Numbers**.
2. Select a number > press [.

## To view fixed dialing list

Fixed dialing is a service that limits your access to specific numbers in the address book list recorded on the SIM. Input the PIN2 to set up or cancel this service.

1. Press **Menu > Settings > Security > Fixed Dialing > Fixed Dial List**.

**NOTE:** PIN2 must be correctly entered within 3 times. PIN2 code is dependable by your SIM.

## **3. Messaging**

**Messages**

**Receive message**

**Creating & send new message**

**Message templates**

**Creating new multimedia message**

**Message settings**

**Setting voice message**

## Messages

You can send, receive and save the text message and multimedia message.

### Managing memory

When the message box is full the messages full icon will appear. .

<i>When</i>	<i>It means</i>
	Text message is full
	Multimedia message is full

#### To move the message to SIM

1. Press **Menu** > **Messages** > **Inbox**.
2. Select a message > **Options** > **Move to SIM**.

**NOTE:** When you move message to SIM, the message which is saved in the phone memory will be deleted. Maximum saved message is dependable by your SIM.

#### To move the message to phone

1. Press **Menu** > **Messages** > **Inbox**.
2. Select a message > **Options** > **Move to Phone**

#### To delete message in each mailbox

1. Select a message > **Options** > **Delete** > **Yes**.

#### To reply the message

1. Select a message > **Options** > **View**.
2. Press **Reply**.

#### To view free memory space information

1. Press **Menu** > **Messages** > **Memory Info**

## Receive message

#### To view new received message

1. Press **Options** > **View** or press **OK**.

#### To read message using inbox

1. Press **Menu** > **Messages** > **Inbox** > **OK**.
2. Select a received message > **OK**.

### To save new numbers from received message

1. Select a new number of the received message.
2. Press **Options** > **Save Number & Email**.
3. Press **Options** > **Save** > **New contact** or select **Update Existing**

### To save e-mail address from the received message

1. Open the message with email address is in.
2. Press **Options** > **Save Number & Email**
3. Press **Options** > **Save**
4. Press **New Contact** to add new contact.
5. Press **Update Existing** to update the information.

### To save the selected URL address in the list

1. Select the URL address in the list.
2. Press **Options** > **Use** > **Add to Bookmark**.

### To save the object in the received multimedia message

1. Open the multimedia message.
2. Select the object > **Options** > **Use**.
3. Select **Save to internal** or **Save to external**.

It will be saved in one of the categories at **Media Gallery**.

For the **media gallery**, see page **32**.

### To listen to receive voice message

1. Press **Menu** > **Messages** > **Voice Mail**.
- It will automatically call to the voice-mail center.

### To view cell broadcast messages

1. Press **Menu** > **Messages** > **Settings** > **Cell Broadcast**.
2. Press **Language**, **Info.Subjects** or **Messages**

## Creating & send new message

### To send new text message

1. Press **Menu** > **Messages** > **Create Message**> **Text Message**
2. Write a message.
3. Press **Options** > **Send to**.
4. Find the recipient and check the box by pressing **OK**.
5. Press **Options** > **Enter Number**, **Call Log** or **Groups**
6. Press **Send**.
7. To view sent message press **Menu** > **Messages** > **Outbox**.

**NOTE:** All successfully send messages will save in **Sent**. While sending or failed to send message will save in **Outbox**.

## To find all sent messages

1. Press **Menu > Messages > Sent**.

## Message templates

When you often use same phrases you can save the message for template message.

## To save the message as a template

1. Press **Menu > Messages > Templates**
2. Press **Options > Create Message > Text Message**
3. Write a message.
4. Press **Options > Save**.

## To edit the saved template message

1. Press **Menu > Messages > Templates**
2. Select the message > **OK**
3. Press **Options > Text Message**

## Creating new multimedia message

You can add picture, sound, video and other file to text message. When you add the subject it will change to multimedia message. It has a limitation of 300Kb or else an error message will pop up.

## To add subject on the message

1. Press **Menu > Messages > Create Message > Multimedia Message**.
2. Write a message.
3. Press **Options > Add Subject**.
4. Write the subject.

## To add saved picture on the message

1. Press **Options > Add Object > Add Image**
2. Select **Photo Album > Phone Memory** or **External Photo** > select a picture

## To add new picture on the message

1. Press **Options > Add Object > Add Image**
2. Select **Take a Photo** > take the picture.

## To add saved sound on the message

1. Press **Options > Add Object > Add sound**.
2. Select **Voice Memo** , **Audio** , **Music** or **External Memory** > select a sound

## To add new sound on the message

1. Press **Options > Add Object > Add sound**.
2. Select **New Voice Memo** > record the sound.

## To add other file on the message

1. Press **Options** > **Add Other File**.
2. Select **Phone Memory** or **External Other Files** > select the files.

## Message settings

Before you can send or receive messages using your phone, you must configure their settings first. This information is normally pre-populated in the phone by your service provider.

### To set common setting

1. Press **Menu** > **Messages** > **Settings** > **Common Settings**
2. Set each option. > **Select**

### To set text message setting

1. Press **Menu** > **Messages** > **Settings**.
2. Select **Text Message**.
3. Set each option > **Select**.

**NOTE:** The message format depends on the SIM.

### To set multimedia message

1. Press **Menu** > **Messages** > **Settings**.
2. Select **Multimedia Message**
3. Set each option > **Select**

## To set push message

1. Press **Menu** > **Messages** > **Settings**.
2. Select **Push Message**
3. Set each option > **Select**

**NOTE:** When you receive browser message the  icon will displays.

## To set cell broadcast

1. Press **Menu** > **Messages** > **Settings**
2. Select **Cell Broadcast**
3. Set each option > **Select**

## Setting voice message

### To set receiving voice mail

1. Press **Menu** > **Messages** > **Settings** > **Voice Mail** > **Select**
2. Enter the number of the voice mail center.

## **4. Multimedia**

**Camera**

**Pictures & image album**

**Video album**

**Music & sound album**

**Other files**

**Managing the memory**

**Music player**

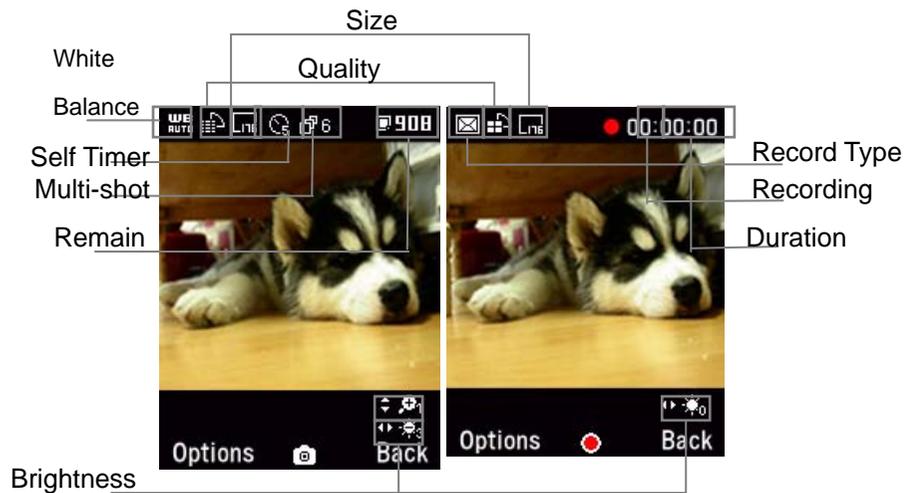
**Music player settings**

**Playing game**

**FM Radio**

## Camera

You can take pictures and record movies using built-in camera. The photos and video clips can be saved and sent using multimedia message.



### To set camera settings

1. Press **Menu** > **Multimedia** > **Camera**
2. Press **Options** before you take a picture.
3. Set each option. > **OK**

### In options menu for camera

Icons	Name	Description
	Take a Picture	
	View Photos	
	Take a Video	
	Image Size	176x220() , 320x240() , 640x480() , 800x600() , 1024x768() , 1280x960() , 1600x1200()
	Image Quality	Low() , Medium() , High()
	Effects	Normal, Sepia, Monochrome, Negative, Embossing
	White Balance	Auto() , Sunlight() , Cloudy() , Fluorescent() , Incandescent()
	Multi-shot	Off, 4EA() , 6EA() , 9EA()
	Self Timer	Off, 5Sec() , 10Sec()
	Display Icons	On, Off
	Shutter Sound	On, Off

### Icons for camera

Icon	Name	Description
	Remain Picture	
	Zoom	x1, x2, x3, x4
	Brightness	-3, -2, -1 0 +1, +2, +3

**NOTE:** Zoom tool is disabled when the picture size set for 1600x1200.

### In options menu for video camera

Icons	Name	Description
	Take a Video	
	View Videos	
	Take a Photo	
	Video Size	128x96(  ) , 176x144(  )
	Image Quality	Low(  ) , High(  )
	Record Type	Unlimited(  ) , For Msg(  )
	Effects	Nomal, Sepia, Monochrome, Nagative, Embossing
	Display Icons	On, Off

### Icons for video camera

Icon	Name	Description
	Brightness	-3, -2, -1 0 +1, +2, +3

### To zoom in and out

1. Press [/].

### To increase or decrease the brightness

1. Press [  /  ].

### To take a picture

1. Press **Menu** > **Multimedia** > **Camera**
2. Focus on the object > **OK**.

**NOTE:** Your photo will be saved automatically to **Multimedia** > **Photo Album**.

### To change to video camera mode

1. Press **Menu** > **Multimedia** > **Camera**
2. Press **Options** while camera mode is activated.
3. Press **Take a Video**

### To view the taken picture

1. Press **Menu** > **Multimedia** > **Camera**
2. Press **Options** while camera mode is activated.
3. Press **View Photos**
4. Select the picture > **OK**.

### After taking pictures

To	Press
Send as message	<b>Options</b> > <b>Send as Multimedia</b>

	<b>Message</b>
Send via Bluetooth	<b>Options</b> > <b>Send via Bluetooth</b>
Delete the photo	<b>Options</b> > <b>Delete</b>
Set a photo for a specific contact	<b>Options</b> > <b>Set as</b> > <b>Contacts</b>
Set a photo for a specific wallpaper	<b>Options</b> > <b>Set as</b> > <b>Wallpaper</b>
Rename the photo	<b>Options</b> > <b>Rename</b>
Go back to preview	<b>Options</b> > <b>Back to Preview</b>
Copy to memory	<b>Options</b> > <b>Copy to External Memory</b> or <b>Copy to Phone Memory</b>

### To record a video

1. Press **Menu** > **Multimedia** > **Camcorder**
2. Put the camera where to record > **Options** > **Take a Video** or press **OK**.
3. Press **Stop**.

**NOTE:** Your video will be saved automatically to **Multimedia** > **Video Album**

### To set video settings

1. Press **Menu** > **Multimedia** > **Camcorder**
2. Press **Options** before you take a video.
3. Set each option. > **OK**

### To change to camera mode

1. Press **Menu** > **Multimedia** > **Camcorder**
2. Press **Options** while video camera mode is activated.

3. Press **Take a Photo**

#### To view the record video clip

1. Press **Menu > Multimedia > Camcorder**
2. Press **Options** while video camera mode is activated.
3. Press **View Video**
4. Select the video clip > **OK**.

#### After recording video clips

To	Press
Send as message	<b>Options &gt; Send as Multimedia Message</b>
Send via Bluetooth	<b>Options &gt; Send via Bluetooth</b>
Delete the photo	<b>Options &gt; Delete</b>
Set a photo for a specific contact	<b>Options &gt; Set as Contacts</b>
Rename the photo	<b>Options &gt; Rename</b>
Go back to preview	<b>Options &gt; Back to Preview</b>
Copy to memory	<b>Options &gt; Copy to External Memory</b> or <b>Copy to Phone Memory</b>

#### During recording a video

To	Press
Receive an incoming call	
Stop recording	<b>Stop</b>
Pause recording	<b>Pause</b>
Save the clip	<b>OK</b>
Deactivate pause	<b>Record</b>

## Pictures & image album

You can view, send, delete, moves to external memory or to phone the saved pictures. The supported formats are JPEG, GIF, BMP, WBMP and PNG.

#### To view the saved pictures and image

1. Press **Menu > Multimedia > Photo Album**
2. Select a picture > **Options > View**.

#### To set as wallpaper in the display

1. Press **Menu > Multimedia > Photo Album**
2. Select a picture > **Options > Set as > Wallpaper**.

**NOTE:** you cannot set up as wallpaper if the selected picture is from external memory.

#### To copy pictures to external memory

1. Press **Menu > Multimedia > Photo Album**.
2. Select a picture > **Options > Copy to External Memory**
3. The selected pictures will copy to external memory card.

#### To send pictures using multimedia message

1. Press **Menu > Multimedia > Photo Album**.
2. Select a picture.

3. Press **Options** > **Send as Multimedia Message**.

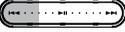
## Video album

You can play, send, delete, moves to external memory or to phone the saved videos.

### To play the saved video clips

1. Press **Menu** > **Multimedia** > **Video Album**
2. Select a video clip > **Options** > **Play**.

### To use video controls

To	Press
Play or Pause	<b>OK</b>
Stop	<b>Stop</b>
Mute	<b>Mute</b>
Rewind	Hold 
Fast forward	Hold 
Control volume	

### To copy videos to external memory

1. Press **Menu** > **Multimedia** > **Video Album**.
2. Select a video > **Options** > **Copy to External Memory**
3. The selected video will copy to external memory card.

## To send video clip using multimedia message

1. Press **Menu** > **Multimedia** > **Video Album**.
2. Select a video.
3. Press **Options** > **Send as Multimedia Message**.

## Music & sound album

You can play, send, delete, moves to external memory or to phone the saved sounds. The supported formats are MIDI, iMelody, MP3, WAV and AMR.

### To listen the recorded sound

1. Press **Menu** > **Multimedia** > **Audio** or **Music**
2. Select a sound > **Options** > **Play**.

### To use sound controls

To	Press
Play & Pause	<b>Play &amp; Pause</b>
Control volume	Side key up or down

### To set as a ringtone

1. Press **Menu** > **Multimedia** > **Audio** or **Music**.
2. Select a sound > **Options** > **Set as Ringtone**.

### To copy multiple sound file to external memory

1. Press **Menu > Multimedia > Audio** or **Music**
2. Press **Options >**
3. Select a sound > **Options > Copy to External Memory**
4. The selected sound will copy to external memory card.

### To send sound file using multimedia message

1. Press **Menu > Multimedia > Music**
2. Select a sound file.
3. Press **Options > Send as Multimedia Message**.

## Other files

You can manage files in unsupported formats saved on your phone. It also lists files received via Bluetooth from other devices.

### To view the list of the files

1. Press **Menu > Multimedia > Other Files**.

### To save the event to the calendar

1. Press **Menu > Multimedia > Other Files**.
2. Select the .vcs file (V-Calendar).
3. Press **Options > Save to calendar**. You can check the event at the calendar.

*For the **calendar**, see page 39.*

### To save the contact to the address book

1. Press **Menu > Multimedia > Other Files**.
2. Select the .vcf file (V-Card).
3. Press **Options > Save to Vcard**. You can check the address at the address book.

*For the **address book**, see page 18.*

### To copy multiple files to external memory

1. Press **Menu > Multimedia > Other Files**.
2. Select a file.
3. Press **Options > Send as Multimedia Message**.
4. Press **OK** to select more than one sound file.
5. Press **Options > Copy to External Memory**. The selected file sound will copy to external memory card.

**NOTE:** When “Can't copy any selected files. 1 file(s) copied.” message is appears, it means that the selected file is already saved in the external memory or phone.

## To send a file using multimedia message

1. Press **Menu > Multimedia > Other Files**.
2. Select a file.
3. Press **Options > Send as Multimedia Message**

## Managing the memory

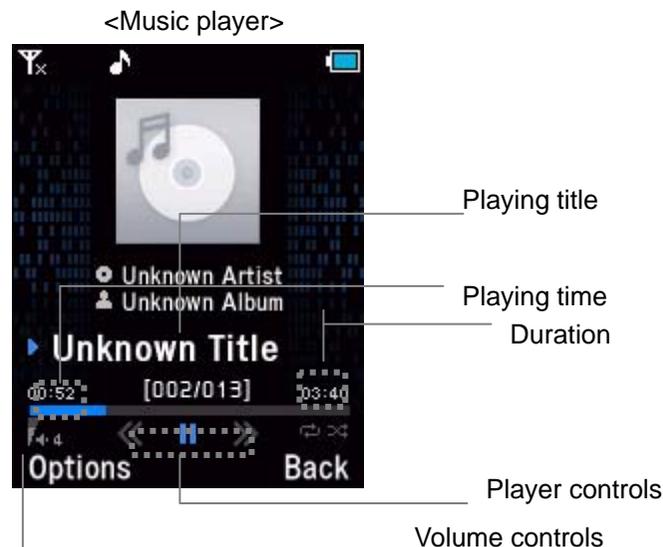
### To view memory status

1. Press **Menu > Multimedia > Memory Info**.
2. Use [   ] to scroll tab.

## Music player

You can listen MP3 and audio. It can be only play audio files saved in MP3, .AAC and WMA

**NOTE:** Do not use this feature illegally. Sounds can be protected by copyright. It is illegal to copy such sound tracks for the purpose of selling or distribution. Pantech does not in any way support the unauthorized use of content on your phone music player.



### Icons for player

Icon	Name	Description
	Volume	
	Previous Next	<b>Short Press : Previous, Next</b> <b>Long Press : Fast Rewind, Fast Forward</b>
	Pause Play	
	Repeat /Shuffle	<b>Repeat One</b> <b>Repeat All</b> <b>Random</b>

### To play the music

1. Press **Music Key** or **Menu > Music**
2. Select **All Music**, **Albums**, **Artists**, **Genres** and **Playlists**.
3. Press **OK**.

### To create my sound playlist

1. Press **Music Key > Playlists** or **Menu>Music>Playlists**
2. Press **New Playlist** > enter the playlist folder name.
3. Press [**CSK**] > Add Tracks.
4. Press **Add**.

### To play the file from folder at the playlist

1. Press **Menu > Music > Playlists**.
2. Select a file and [**CSK**].
3. Press [**CSK**].

### To play the file from folder using the player

1. Press **Music Key** or **Menu > Music > All Music**, **Albums**, **Artists**, **Genres** or **Playlists**
2. Select a file.

**NOTE:** It will play the file from the playlist.

For the **video player control** see page **33**.

### To play all from the file from folder

1. Select a file.
2. Press **Options > Repeat > All Tracks**.

### To play other file from playlist using the player

1. Press **Music Key** or **Menu > Music > Playlists**.
2. Select a file.
3. Press **OK**.

### To play other file from my contents using the player

1. Press **Menu > Multimedia**.
2. Press **Select**.
3. Select a file.

## Music players settings

### To set shuffle

1. Press **Music Key** or **Menu > Music > Settings > Shuffle**.
2. Set each option > **Select**

### To set the play mode

1. Press **Music Key** or **Menu > Music > Settings**. > **Repeat**
2. Set each option > **Select**

## To set equalizer

1. Press **Music Key** or **Menu > Music > Settings.** > **Equalizer**
2. Set each option > **Select**

## Playing game

Your phone contains game to play.

## To play the game

1. Press **Menu > Games.**
2. Select a options > **Select**

## To end the game

1. Press the [] > **OK**

## Playing radio

### To play the radio

1. Press **FM Radio Key** or press **Menu > Music > FM Radio.**
2. Set each option > **Select**

## **5. Useful Features**

**Alarm**

**Calendar**

**Notepad & voice memo**

**Stopwatch, calculator & converter**

**Business card**

## Alarm

### To set an alarm

1. Press **Menu** > **Applications** > **Alarms**.
2. Press **New** > edit a new alarm > **Save**.

### To view the saved alarms

1. Press **Menu** > **Applications** > **Alarms**.

### To edit existing alarms

1. Press **Menu** > **Applications** > **Alarms**.
2. Select and edit an alarm > **Save**

## Calendar

Calendar helps you manage your schedule including your time for calls or special days. You can set alarms service on a set date with this function.

### To view calendar

1. Press **Menu** > **Applications** > **Calendar**.

**NOTE:** Monthly view is displayed as default.

### In the monthly view

To	Press
Move to another day	 for Previous  for Next
Move to another week	 for Previous  for Next
View other month	<b>Side up</b> for Previous <b>Side down</b> for Next

### To create a new event and edit

1. Press **Menu** > **Applications** > **Calendar**.
2. Select a day > **Options** > **New Event**
3. On the **New Event** screen, select and input an event item by item for registration.
4. Input the events > **OK**.

**NOTE:** You can create up to 50 events including schedule, task and Note. You can create events for dates from 01/01/2000 to 12/31/2049..

## Notepad & voice memo

### To use notepad

1. Press **Menu** > **Applications** > **Notepad**.
2. To create new memo press **New**
3. To edit memo press **Options** > **Edit**.

## To record voice memo

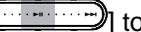
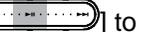
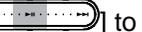
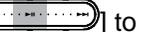
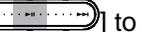
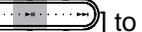
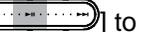
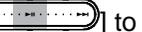
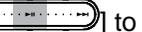
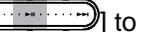
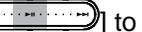
1. Press **Menu > Applications > Voice Memo > New**.
2. When a voice memo already saved in your phone, press **Options > Create New**
3. To stop recording, press .
4. To listen to the recording, press **Play**

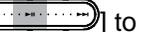
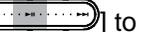
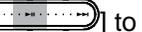
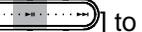
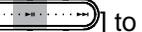
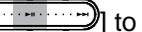
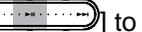
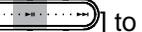
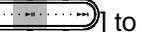
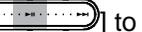
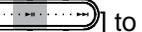
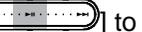
## Stopwatch, calculator & converter

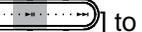
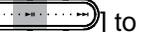
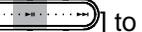
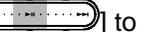
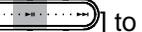
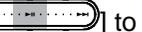
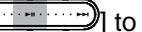
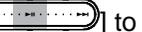
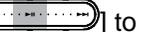
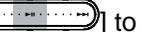
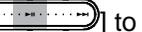
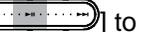
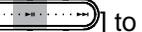
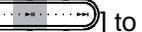
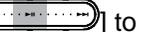
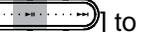
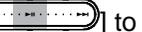
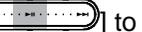
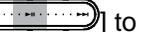
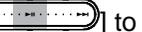
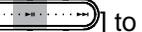
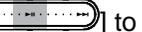
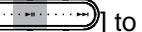
### To use stopwatch

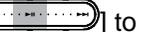
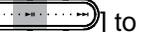
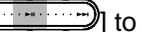
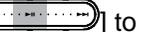
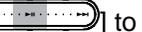
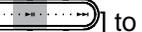
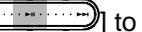
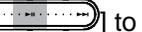
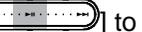
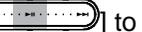
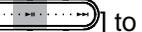
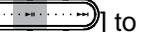
1. Press **Menu > Applications > Stopwatch**.
2. Press  to start.
3. Press  to stop.
4. Press  to restart.
5. To record lap time, press **Lap**
6. Press **Reset** to reset

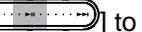
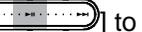
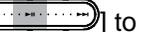
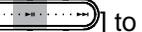
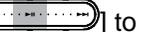
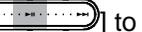
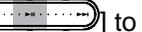
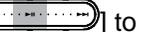
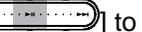
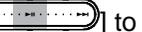
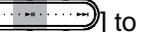
### To use the calculator

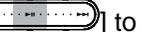
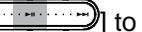
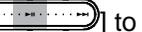
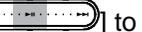
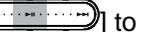
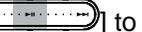
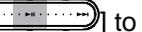
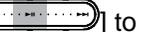
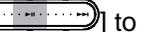
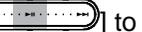
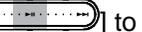
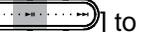
1. Press **Menu > Applications > Calculator**.
2. Use [, , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , ,

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4. Press **Options** > **Save**.

## **6. Connectivity**

**Bluetooth**

**Using the internet**

**Connection setting**

## Bluetooth

Bluetooth technology enables cost-free wireless connections between electronic devices within a maximum range of 33 feet (10 meters). With a Bluetooth connection can be used to send images, texts, business cards or to connect to computers using Bluetooth technology.

Your mobile phone supports:

- Connect to PC to access internet.
- Connect to Hands-Free.
- Connect to electronic devices.

**NOTE:** There may be restrictions on using Bluetooth communication in certain areas. Check with your local authorities.

### To activate Bluetooth

1. Press **Menu > Settings > Connectivity > Bluetooth > Bluetooth**
2. Select **On** or **Off**.

### To add a device

1. Press **Menu > Settings > Connectivity > Bluetooth > Paired Devices**
2. Press **New > Search All**
3. The available device will list up.

4. To select the device press **Options > Select**
5. To re-searching the device **Options > Refresh**
6. Enter password.

### To receive a call using hands-free

1. Press the button once to receive the call.

### To send an object

1. Select the file from **Menu > Multimedia > Photo Album, Video Album, Other Files or Memory Card**
2. Press **Options > Send via Bluetooth**.
3. Select the device > **Options > Select**.

**NOTE:** If the other Bluetooth device requests pairing, the object is sent after pairing is completed.

### To receive an object

When you receive the object a pop-up message will displayed if the authorization is disenable. The file will be saved as each place. For example, if you receive contacts information it will be saved in your phone's memory.

### To connect previously paired devices

1. Press **Menu > Settings > Connectivity > Bluetooth > Paired**

## Devices

### To activate the authorization

1. Press **Menu > Settings > Connectivity > Bluetooth > Paired Devices**.
2. Select a device.
3. Press **Options > Set Authorized**.

### To set the visibility

1. Press **Menu > Settings > Connectivity > Bluetooth > Visibility**.
2. Press **Shown to All**

### To set memory for external

1. Press **Menu > Settings > Connectivity > Bluetooth > Memory in Use**
2. Press **External Memory**

### To name the phone

1. Press **Menu > Settings > Connectivity > Bluetooth > Name**
2. Enter the field >**Options > Save**

## Using the browser

### To access browser

1. Press **OK** in standby mode or press **Menu > Idea (WAP) > Home**

**NOTE:** It will access provider's homepage.

### To view bookmarks

1. Press **Menu > Idea (WAP) > Bookmarks**
2. To open the site, press **Options > Select**
3. To send via text message, press **Options > Send Message**

### To set new bookmarks

1. Press **Menu > Idea (WAP) > Bookmarks**
2. Press **Options > Add**
3. Enter the field > **Options > Edit Name**
4. Enter the fields > **Options > Save**

### To enter address

1. Press **Menu > Idea (WAP) > Go to URL > Enter New URL**
2. Enter the web address **Options > Go to URL**

### To set advanced options

1. Press **Menu > Idea (WAP) > Options**
2. Select the category > **Select > select the option**.

### To clear cookies, cache and history

1. Press **Menu > Idea (WAP)> Options> Private Data**
2. Press **Clear Cache, Clear Cookies** or **Clear Authorization**

### To set the security

1. Press **Menu > Idea (WAP)> Security**
2. To set a warning, press **Warning > On/Off**

### To add WAP profiles

1. Press **Menu > Idea (WAP)> Profiles**
2. Select Empty > **Add**
3. Enter the field > **Options > Save**

### To edit WAP profiles

1. Press **Menu > Idea (WAP)> Profiles**
2. Select a profile > **Options > Edit**

### To delete WAP profiles

1. Press **Menu > Idea (WAP)> Profiles**
2. Select a profile > **Options > Delete**

## Connection setting

### To connect to PC

1. Press **Menu > Settings > Connectivity > USB Mode**
2. Select **Mass Storage** or **Modem**

### To set connection for port

1. Press **Menu > Settings > Connectivity > USB Mode**
2. Select **Mass Storage** or **Modem**

## **7. Settings**

**Date & time**

**Language**

**Profiles**

**Decorating the display**

**Connection & network**

**Locks**

**To enable fixed dialing**

**Reset**

## Date & time

### To set up

1. Press **Menu > Settings > Phone > Time & Date**.
2. Set each option > **Save**.

## Language

### To set up

1. Press **Menu > Settings > Phone > Language**.

## Profiles

### To set a profile

1. Press **Menu > Settings > Profiles**.
2. Select **Normal**, **Vibrate and Ring**, **Vibrate Only** or **Silent, Flight Mode**.

### To Decorate a profile

You can set **Ring Sound**, **Call Alert Type**, **Ringtone Volume**, **Message Sound**, **Message Alert Type**, **Message Reminder**, **Message Volume**, **Alarm Volume**, **Keytone Type**, **Key Volume** and **Power On/Off Sound**

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for **Normal** and **Vibrate and Ring** profile.

1. Press **Menu > Settings > Profiles**.
2. Select **Normal** or **Vibrate and Ring**.
3. Press **Options > Customize**.
4. Select a category > set the options > **Save**.

## Decorating the display

### To set the display

1. Press **Menu > Settings > Display > Home Screen > Wallpaper**
2. Press **Menu > Settings > Display > Home Screen > Clock type**

### To enter greeting message

1. Press **Menu > Settings > Display > Home Screen > Greeting Text**

### To set menu type

1. Press **Menu > Settings > Display > Menu Type**

### To set font

1. Press **Menu > Settings > Display > Font Style**

### To set the brightness

1. Press **Menu > Settings > Display > Brightness**

## To set time for backlight

1. Press **Menu > Settings > Display > Backlight Timer**

## Connection & network

### To select network

1. Press **Menu > Settings > Connectivity > Network**
2. Select **Default Set-up > Automatic** or **Manual**

### To view the connections for network

1. Press **Menu > Settings > Connectivity > Network**
2. Select **Search now**

## Locks

### To lock the phone

1. Press **Menu > Settings > Security > Phone Lock > On.**
2. To change the password press **Menu > Settings > Security > Change Password.**

**NOTE:** the default password is '1234'.

### To lock the PIN

1. Press **Menu > Settings > Security > PIN1 Check.**

2. Press **PIN1 Check > On.**
3. Enter PIN code > **OK.**
4. To change the PIN code press **Change PIN1.**

**NOTE:** PIN code is dependable by your SIM.

### To change PIN 2

1. Press **Menu > Settings > Security > Change PIN2.**

**NOTE:** PIN code is dependable by your SIM.

## To enable fixed dialing

### To enable

Press **Menu > Settings > Security > Fixed Dialing.**

*For fixed dialing, see page 21.*

## Reset

### To reset the configuration

1. Press **Menu > Settings > Reset > Master Reset.**

**NOTE:** It will returns configuration settings to default.

The default password is '1234'.

### To reset the data

1. Press **Menu** > **Settings** > **Reset** > **Master Clear**.

**NOTE:** It will delete all your phone data.

### To reset the external memory card

1. Press **Menu** > **Multimedia** > **Memory Card**
2. Press **Options** > **Format**

**NOTE:** It will delete all external memory card data.

## **8. Appendix**

**Error message**

**Troubleshooting checklist**

**Safety information**

**Safety precautions**

**About the battery usage**

**FCC & Industry Canada Regulatory Compliance**

## Error message

If you experience any problem while using your mobile phone, please refer to the following checklist. If the problem still persists, contact your dealer or nearest carrier.

### **When the “Insert SIM Card” message appears:**

Make sure the SIM card is correctly installed. Check to see if the SIM card is working properly. If it does not work, try to clean the contact points of the card. If it is out of order, take it to the nearest carrier.

### **When the “Content is too large” message appears:**

The picture is too large to send instead the caller. It will send the default image instead of chosen image.

### **When the “Message full Please delete” message appears:**

The received or saved messages are full in your phone or SIM memory. You need to delete the message.

### **When the “Password” message appears in Phone locked state:**

Enter the phone password. The default password is “1234”. If you cannot remember the password, contact the nearest carrier.

### **When the “Enter PIN1” message appears:**

Input PIN1. If you cannot remember it, contact the nearest carrier. You

cannot receive calls if your mobile phone becomes locked after entering the incorrect PIN1 on SIM dependency consecutive attempts.

### **When the “No Service” or “Network Search” appears:**

If you cannot make/receive a call when you are indoors or undergrounds where the signal strength is poor, move toward a window or go out to an open area. If you still cannot make a connection, contact the nearest carrier.

## Troubleshooting checklist

### **When audio quality is poor:**

End a call and try again.

### **When the other party cannot hear you speaking:**

Your phone may be set to MUTE. Disable the MUTE function.

### **When battery lifetime is shorter than usual:**

This may happen when you are in an area with low signal strength. Turn off your phone when it is not in use. Change the battery when battery energy is exhausted.

### **When your mobile phone does not turn on:**

Make sure your battery is charged. Check to see if your phone works while recharging the battery.

**When you are unable to send a message:**

Either you are not registered to receive an SMS service, or you may be in an area where your network service provider cannot provide such a service.

**When you are unable to make a call:**

Your phone may be set to “fixed dial.” Cancel the “fixed dial” function.

**When you are unable to charge the battery:**

This may be the result of one of the following three cases.

1. Your charger may be out of order. Contact your nearest dealer.
2. You may be attempting to use the phone in an overly hot/cold temperature. Try changing the charging environment.
3. Your battery may have not been connected to the charger properly. Check the connector.

**When you are unable to input data into your Address Book:**

Your Address Book memory may be full. Try deleting some entries from your Address Book.

**When you are unable to select a certain function:**

You may not have subscribed to that function, or your network service provider may be in an area where such service cannot be provided. Contact your local service provider.

## Safety information

The following list shows how to maintain your mobile phone, together with precautions to take.

- Keep your mobile phone and its accessories out of the reach of children.
- Maintain your mobile phone in dry conditions and keep it within normal operating temperatures. Temperatures higher than 55°C (131°F) or lower than -20°C (-4°F) may damage your phone.
- Do not use or store your mobile phone in dusty, dirty areas.
- Do not attempt to disassemble your mobile phone.
- Do not drop or cause severe impact to your mobile phone.
- Do not use chemical products, cleaning solvents or detergents to clean your mobile phone.
- If your mobile phone does not work properly, contact your dealer immediately.
- Use only authorized batteries, battery chargers and accessories. Any malfunction or damage caused by the use of unauthorized batteries, battery chargers and accessories will void the limited product warranty.
- Ensure that the earthing points of the battery and battery charger do not come in contact with conductive objects.

## Safety precautions

***Using a mobile phone while driving may be prohibited.***

Please check local laws and regulations with regard to the prohibition of mobile phone use while driving, and comply with them.

Use of your phone while you are driving may disturb your concentration and so cause an accident. Always switch your phone off as soon as possible.

Should you use your phone in an emergency, either use a hands free device built into your car or pull over in a safe place first.

### ***Switch off in restricted areas***

Always switch your phone off in areas where mobile phone use is restricted.

### ***Switch off in explosive or dangerous areas***

Always switch your phone off in areas with explosive or dangerous materials (such as fuels, fuel stations or areas containing chemical goods) and obey any instructions or signals. Do not remove your mobile phone's battery in such areas.

### ***Switch off in aircraft***

Always switch your phone off or select **Flight Mode** (press the **Menu** > **Settings** > **Profiles** > **Flight mode**) when you are in an aircraft. The electromagnetic waves emitted by your phone may affect the electronic navigation equipment in the aircraft.

### ***Switch off in hospitals and near medical equipment***

Always switch your phone off in hospitals, and obey the regulations or rules of the hospital.

Switch your phone off when using medical equipment for private purposes, if possible. Always consult with the medical equipment's manufacturer or an expert regarding phone use near the medical equipment.

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### ***Installing a hands free device in your vehicle***

Install vehicle hands free devices away from the steering wheel and airbag expansion area, otherwise injury may result.

### ***Mobile phones and other electronic devices***

Mobile phones emit electromagnetic waves that may affect nearby electronic devices. When it is switched on, do not place your phone close to delicate electronic equipment.

## **About the battery usage**

Your phone is powered by a Lithium Ion (Li-Ion) battery. This means that, unlike other forms of battery technology, you can recharge your battery while some charge remains without reducing your phone's autonomy due to the "battery memory effect" inherent in those technologies.

- Do not use a damaged battery or charger.
- Do not disassemble or open crush, bend or deform, puncture or shred
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Do not put your battery into contact with conductive objects.
- Dispose of and recycle used batteries in accordance with local regulations. Do not dispose of batteries by burning; they may explode.
- Do not use an unauthorized charger.

- Only use the battery for the system for which it is specified
- Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-2006. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a severe center for inspection.
- Use your battery for the specified purpose only.
- The closer you are to your network's base station, the longer your phone usage time because less battery power is consumed for the connection.
- The battery recharging time varies depending on the remaining battery capacity and the battery and charger type you use.
- Battery life inevitably shortens over time.
- Use an authorized battery and charger only.
- Since overcharging may shorten battery life, remove the phone from its charger once it is fully charged. Unplug the charger, once charging is complete. Leaving the battery in hot or cold places, especially inside a

car in summer or winter, may reduce the capacity and life of the battery. Always keep the battery within normal temperatures.

- To prevent injury or burns, ensure that no metal objects come into contact with the + and – terminals of the battery.

## **FCC & Industry Canada Regulatory Compliance**

### **FCC & Industry Canada Regulatory Compliance**

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

Your mobile device is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for mobile devices. Those guidelines are consistent with safety standards previously set by both U.S. and international standards bodies: American National Standard Institute (ANSI), National Council of Radiation Protection and Measurements(NCRP), and International Commission on Non-Ionizing Radiation Protection (ICNRP). Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. The design of your phone complies with the FCC guidelines and applicable.

### **Statement according to FCC part 15.105**

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These

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

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

#### **Statement according to FCC part 15.21**

Modifications not expressly approved by this company could void the user's authority to operate the equipment.

#### **RF exposure FCC**

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only accessories that contain no metallic components and provide a separation distance of 15mm (0.6 inches) to the body. Use of other accessories may violate FCC RF exposure guidelines and should be avoided.

This device and its antenna must not be co-located or operating in

conjunction with any other antenna or transmitter.

#### **Health and Safety Information FCC**

This EUT has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/IEEE Std. C95.1-1992 and had been tested in accordance with the measurement procedures specified in FCC/OET Bulletin 65 Supplement C (2001) and IEEE Std. 1528-2003 Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg \*.

\* In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in.

\*\*This device contains 900 MHz and 1800 MHz GSM functions that are not operational in U.S. Territories; this filing is applicable only for 850 MHz GSM and 1900 MHz PCS operations.