

# **P1010 USER MANUAL**

## FCC Regulations:

●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.

●This device 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 radiated 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.

Changes or modifications not expressly approved by the party responsible

for compliance could void the user's authority to operate the equipment.

●The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## RF Exposure Information (SAR)

This model phone meets the government's requirements for exposure to radio waves.

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 1.31 W/g for GSM850 / 1.31 W/g for PCS1900 and when worn on the body, as described in this user guide, is 1.18 W/g for GSM850 / 0.651 W/g for PCS1900 (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.)

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of [www.fcc.gov/oet/ea/fccid](http://www.fcc.gov/oet/ea/fccid) after searching on FCC ID: JYCP1010.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.

Thank you for choosing our Pantech P1010 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.



# Contents

## 1. Getting Started ..... 7

Phone overview .....	8
Menu overview.....	9
SIM card and battery .....	11
Turn on/off the phone .....	12
Display indications.....	12
Keypad lock .....	12
Memory card.....	12
Entering text.....	13

## 2. Calls & address book..... 15

Making, receiving & ending a call.....	16
Options during a call.....	17
Call Setting .....	18
Checking all calls.....	19
Speed dialing .....	19
Using address book.....	20
Call waiting & caller identification .....	21
Using your headset.....	21

Service number & fixed number .....	21
-------------------------------------	----

## 3. Messages..... 22

Messages .....	23
Receive message .....	23
Creating & send new message.....	24
Message templates.....	25
Creating new multimedia message .....	25
Message settings.....	25
Setting voice message.....	26

## 4. Multimedia ..... 27

Camera .....	28
Pictures album .....	31
Video album.....	31
Music album.....	32
Audio/Video player.....	33
Audio Player settings.....	34
Video Player settings.....	34
FM Radio .....	35

**5. Useful Features ..... 36**

Calendar ..... 37

Alarm ..... 37

Stopwatch, calculator & converter ..... 38

Notepad & sound recorder ..... 38

vCard ..... 38

vCalendar ..... 39

**6. Connectivity..... 40**

Using the internet ..... 41

Connect to PC ..... 42

**7. Settings..... 43**

Date & time ..... 44

Language..... 44

Ringtones & alerts & tones ..... 44

Display ..... 44

Network..... 45

Locks ..... 45

To enable fixed dialing ..... 45

Reset ..... 45

**8. Appendix.....46**

Error message ..... 47

Troubleshooting checklist ..... 47

Safety information ..... 48

Safety precautions ..... 48

About the battery usage..... 49

FCC & Industry Canada Regulatory Compliance ..... 50

# 1. Getting Started

Phone overview

Menu overview

SIM card and battery

Turn on/off the phone

Display indications

Keypad lock

Memory card

Entering text

# Phone overview



## Menu overview

### 1 Games

- 1.1 Java
- 2.1 Java settings
- 3.1 Java default security
- 4.1 Games

### 2 Messages\*

- 1.1 Write message
- 2.1 Inbox
- 3.1 Drafts
- 4.1 Outbox
- 5.1 Sent messages
- 6.1 Delete messages
- 7.1 Broadcast message
- 8.1 Templates
- 9.1 Message settings

### 3 TELCEL\*

### 4 Contacts

- 1.1 Quick search
- 2.1 Add new contact

- 3.1 Speed dial
- 4.1 Caller groups
- 5.1 Call history
- 6.1 My number
- 7.1 Extra numbers
- 8.1 Contacts settings

### 5 Portal Ideas\*\*

- 1.1 Homepage
- 2.1 Bookmarks
- 3.1 Recent pages
- 4.1 Offline pages
- 5.1 Input address
- 6.1 Service inbox
- 7.1 Settings

### 6 Multimedia

- 1.1 Camera
- 2.1 Image viewer
- 3.1 Video recorder
- 4.1 Video player
- 5.1 Audio player
- 6.1 FM radio

## **7 Organizer**

- 1.1 Alarm
- 2.1 Calendar
- 3.1 Notes
- 4.1 World clock
- 5.1 Sound recorder
- 6.1 Calculator
- 7.1 Unit converter
- 8.1 Stopwatch

## **8 Settings**

- 1.1 Display
- 2.1 User profiles
- 3.1 Call settings
- 4.1 Phone settings
- 5.1 Network settings\*\*
- 6.1 Security settings\*
- 7.1 Software version
- 8.1 Restore factory settings

## **9 File manager**

\* SIM dependent

\*\* Network dependent

## SIM card and battery

### About your SIM card

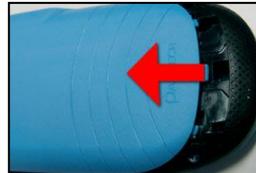
When you subscribe to your network operator, you receive a SIM (Subscriber Identity Module) card containing your registration information, PIN code, etc.

### 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.

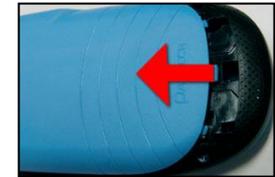
### To install/remove SIM card

1. Remove the battery cover from the unit.
2. Remove the battery.
3. Push the SIM card in the arrow direction as shown.



### To install/remove battery

1. Remove the battery cover from the unit.
2. Put the contacts of the battery into the hole located at the top of the unit insert(1) and press the bottom side(2) of the battery until you hear the “click”.
3. To remove the battery push the bottom of the battery upwards(1) and remove(2) the battery..



### To charge your battery

1. To charge, connect the charger adapter.
2. To remove the adapter connection, pull the adapter away.



## Battery performance

Battery Type	Capacity	Standby Time	Talk Time
Standard Lithium-Ion (Li-ion)	TBD	TBD	.TBD

## 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/Forwarding* / Flight mode / Missed Call
	Ring/Vib/Vib and Ring/Vib then Ring
	unread SMS / unread MMS / Voice mail / Wap msg / Msg Full /
	GPRS
	Alarm/SD Card/Ear Mic/Java/Stopwatch
	Lock
	Battery strength

\* Network dependent

## Keypad lock

1

### To lock the keypad

1. Press and hold [  ].

### To unlock the keypad

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

## Memory card

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

### Inserting and removing the memory card

1. Remove the battery cover from the unit.
2. Remove the battery.
3. Open the memory card cover.
4. Put the memory card into the slot.
5. Close the memory card cover.



## Using memory card

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

### To copy the file to the card

1. Select the file > **Options** > **Copy**.
2. Select **Memory card**

### To move the file to the card

1. Select the file > **Options** > **Move**
2. Select **Memory card**

### 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. Select **Mass storage**
3. Follow the instruction on your computer screen.
4. To disconnect, disconnect the data cable.

## Entering text

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

### Useful keys

[* [img alt="symbol icon"]]	Display symbols
[# [img alt="multitap icon"]]	Change the text input mode Multitap (first letter caps/all small caps/all caps) [img alt="caps icon"]Abc, [img alt="small caps icon"]abc, [img alt="all caps icon"]ABC [img alt="caps icon"]Es, [img alt="small caps icon"]es, [img alt="all caps icon"]ES [img alt="caps icon"]Pt, [img alt="small caps icon"]pt, [img alt="all caps icon"]PT
[# [img alt="predictive icon"]]	Predictive (first letter caps/all small caps/all caps) [img alt="caps icon"]Abc, [img alt="small caps icon"]abc, [img alt="all caps icon"]ABC [img alt="caps icon"]Es, [img alt="small caps icon"]es, [img alt="all caps icon"]ES [img alt="caps icon"]Pt, [img alt="small caps icon"]pt, [img alt="all caps icon"]PT
	Numeric [img alt="numeric icon"]123

### Special key characters by language

key	English	Español	Portugués
1	. , - ? ! ' @ : # \$ / _		
2		á à ç	á à â ã ç
3		é è	é ê
4		í ï	í
6		ñ ó ò	ó ô õ
8		ú ü	ú ü
0	Space		

### Predictive mode (T9)

The T9 mode automatically compares your keystrokes with an internal

linguistic dictionary to determine the correct word. It will appear the most commonly used word first.

1. Press and hold [ # a ⇩ ] 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 [ # a ⇩ ] 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 [ # a ⇩ ] to change the mode 123.
2. Press [ 1 ∞ ] to [ 9 WXYZ ].

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

**Making, receiving & ending a call**

**Options during a call**

**Call Setting**

**Checking all calls**

**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 [  ].

### To reject a call

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

### To make a call using call list

Your phone logs received and missed call numbers.

1. Press [  ] to display the **Call logs** list.
2. Select a number.
3. Press [  ] to dial the selected number.

**NOTE:** To redial the last number in the **Call logs** 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 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 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 **Mute**.

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

1. Press **Unmute**.

### To talk on speaker

1. Press .

### To record voice during a call

1. Select **Options > Sound recorder**.
2. Press **OK**.

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

#### To put a call on hold

1. Select **Options > Hold**
2. Press **OK**.

#### To return to a held call

1. Select **Options > Retrieve**.
2. Press **OK**.

### To switch between two calls

1. Select **Options > Swap**.
2. Press **OK**.

### 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 > Conference**.

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

1. Press **Options > Conference**.

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

1. Press **Options > Contacts > Quick search**
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 17.*

### To read a message during a call

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

### To write a message during a call

1. Press **Options** > **Messages**.

*For creating **message**, see page 22.*

**NOTE:** During the call, you can only send text messages. Multimedia messages cannot be sent.

## Call Setting

### To set call forwarding\*\*

You can divert incoming calls to another phone number or voice mail.

1. Press **Menu** > **Settings** > **Call settings** > **Call divert**.

2. Select divert option.
3. Select **Activate** > **To new number** / **To voice mail**.
4. Press **OK**.

*For **voice mail number setting**, see page 24.*

### To cancel call forwarding\*\*

You can cancel call forwarding.

1. Press **Menu** > **Settings** > **Call settings** > **Call divert**.
2. Select divert option.
3. Select **Deactivate**
4. Press **OK**.

### To check call forwarding status\*\*

You can check call forwarding is set or not.

1. Press **Menu** > **Settings** > **Call settings** > **Call divert**.
2. Select divert option.
3. Select **Query status**
4. Press **OK**.

### To set auto redial

1. Press **Menu** > **Settings** > **Call settings** > **Advanced settings** > **Auto redial**.

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

### To answer with any key press

1. Press **Menu** > **Settings** > **User profiles** > select a profile
2. Press **Options** > **Customize** > **Answer mode**
3. Select **Any key**.
4. Press **OK**.

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

## Checking all calls

You can view information about all **Call history**.

For more options for all, missed, received and dialed calls press [OK].

### To view missed calls

1. Press **Menu** > **Contacts** > **Call history** > **Missed calls**.

### To view received calls

1. Press **Menu** > **Contacts** > **Call history** > **Received calls**.

### To view dialed calls

1. Press **Menu** > **Contacts** > **Call history** > **Dialed calls**.

### To delete call logs

1. Press **Menu** > **Contacts** > **Call history** > **Delete call logs**.

### To view total call time

1. Press **Menu** > **Contacts** > **Call history** > **Call time**.
2. To reset press **Reset all** > **Yes**.

### To view data transmitted information

1. Press **Menu** > **Contacts** > **Call history** > **GPRS counter**
  - **Last sent:** You can view **Sent** of transmitted in previous sessions, in Kbytes.
  - **Last received:** You can view **Received** of transmitted in previous sessions, in Kbytes.
  - **All sent:** You can view all **Sent** transmitted data in Kbytes.
  - **All received:** You can view all **Received** transmitted data in Kbytes.
  - **Reset counter:** You can reset each counter

## 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** > **Contact** > **Speed dial**
2. Select an empty entry and press **Edit**.
3. Select a person and number > **OK**.

### To update speed dial

1. Select a number and press **Options** > **Edit**.
2. Update information and press **OK**.

### To remove from speed dial

1. Select a number and press **Options** > **Delete**.
2. Press **OK**.

## Using address book

You can save names, phone numbers, and information up to 500 contacts on the SIM or phone. Entries can be depends on the capacity of the SIM card.

### To add a contact

1. Press **Menu** > **Contacts** > **Add new contact**.
2. Choose **Phone** or **SIM** for place to save.

### To view contacts list

1. Press **Menu** > **Contacts** > **Quick search**

### To search for a phone number

1. Press **Menu** > **Contacts** > **Quick search**
2. Input a name.
3. Press **OK** to view detail information.

### To call from contacts list

1. Press **Menu** > **Contacts** > **Quick search**
2. Press [**↩**].

### To forward contacts details

1. Press **Menu** > **Contacts** > **Quick search**
2. Select a contact > **Options** > **Send contact**.
3. You can send the information via **As text message/As multimedia message**.

### To delete a contacts entry

1. Press **Menu** > **Contacts** > **Quick search**
2. Select a contact > **Options** > **Delete**.

## To edit a groups

1. Press **Menu** > **Contacts** > **Caller groups**.
2. Choose **Group** to edit
3. Press **OK**

## Call waiting & caller identification

### To activate call waiting\*\*

1. Press **Menu** > **Settings** > **Call settings** > **Call waiting**.
2. Select **Activate**

### Caller identification\*\*

1. Press **Menu** > **Settings** > **Call settings** > **Caller ID**.

## 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 and hold the button to list recent calls.

## Service number & fixed number

### To call your service numbers\*

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

1. Press **Menu** > **Contacts** > **Extra numbers** > **Service dialing number**.
2. Select a number > press [**↩**].

### To view Fixed Dial 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 settings** > **Fixed dial**

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

## **3. Messages**

**Messages**

**Receive message**

**Creating & send new message**

**Message templates**

**Creating new multimedia message**

**Message settings**

## Messages

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

### Managing memory

You can save up to 100 messages in the phone memory. You can move or copy text message to SIM card. Multimedia message will not be copy to SIM card. When the text message fully saved in the phone and SIM memory,  will appear. And, when the multimedia message fully saved in the phone,  will appear.

#### To move the message to SIM

1. Press **Menu** > **Messages** > **Inbox**.
2. Select a message > **Options** > **Advanced** > **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** > **Advanced** > **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** > **Reply**.

#### To view free memory space information

1. Press **Menu** > **Messages** > **Message settings** > **Text/Multimedia message** > **Memory status**.

## Receive message

#### To view new received message

1. Press **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** > **Advanced** > **Use number** > **Save to Contacts**.

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

1. Select the URL address in the list.
2. Press **Options** > **Advanced** > **Use URL**

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

1. Open the multimedia message.
2. Select **Options** > **Save objects** > **Text, Picture, Sound, Video**.

It will be saved in one of the categories at **File manager**.

### To listen to receive voice message

1. Press **Menu** > **Messages** > **Message settings** > **Text message** > **Voicemail server**

2. Press **Options** > **Call voicemail**

It will automatically call to the voice-mail center.

### To view cell broadcast messages

1. Press **Menu** > **Messages** > **Broadcast message**
3. Press **OK** for following sub menus:
  - **Receive mode**
  - **Read message**
  - **Languages**
  - **Channel settings**

## Creating & send new message

### To send new text message

1. Press **Menu** > **Messages** > **Write message**
2. Write the message.
3. Press **Options** > **Send to**
4. Find the recipient and press **OK**.

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

## Message templates

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

### To edit the saved template message

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

## Creating new multimedia message

You can add picture, sound, video and other file 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** > **Write message**
2. Write a subject
3. Press **Options** > **Send to**

### To add saved picture on the message

1. Press **Options** > **Add picture**
2. Select a picture > **OK**.
3. Write a message.

### To add saved sound on the message

1. Press **Options** > **Add sound**
2. Select a sound > **OK**.
3. Write the message.

### To add saved video on the message

1. Press **Options** > **Add video**
2. Select video > **OK**.
3. Write a message.

### To add other file on the message

1. Press **Options** > **Add attachment**
2. Select the file > **OK**.
3. Write a message.

## 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 text message setting

1. Press **Menu > Messages > Message settings**.
2. Select **Text message**.
3. Set each option > **OK**.

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

### To set profiles for multimedia message

1. Press **Menu > Messages > Message settings**.
2. Select **Multimedia message > Profiles**
3. Select one.

### To set sending options for multimedia message

1. Press **Menu > Messages > Message settings**.
2. Press **Multimedia Message > Common settings > Sending**.
3. Set each option.

### To set receiving method for multimedia message

1. Press **Menu > Messages > Message settings**.
2. Press **Multimedia Message > Common settings > Retrieval**
3. Set each option.

## Setting voice message

### To set receiving voice mail

1. Press **Menu > Messages > Message settings > Text message > Voicemail server**.
2. Press **Option > Edit**
3. Enter the name and number of the voice mail center.
4. Press **OK**.

## **4. Multimedia**

**Camera**

**Pictures album**

**Video album**

**Music album**

**Audio/Video player**

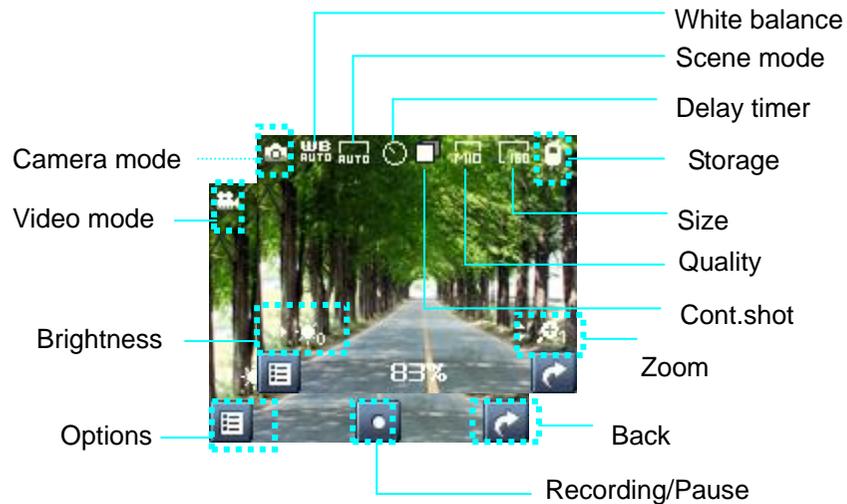
**Audio Player settings**

**Video Player settings**

**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.

### Icons for camera

Icon	Name	Description
	Camera Mode	
	Zoom	x1, x2,x3
	Brightness	-4, -3, -2, -1 0 +1, +2, +3, +4

### Settings for camera

Icons	Name	Sub Name	Sub Icons	Description
	Effect			Normal Grayscale, Sepia, Sepia green Sepia blue Color invert
	White balance			Auto Daylight Tungsten Fluorescent Cloudy Incandescent
	Scene mode			Auto Night
	Delay Timer			Off 5sec. 10sec. 15sec.
	Cont. shot			Off 1 shot 3 shot 5 shot

	Resolution			160x128 320x240 640x480 800x600 1280x1024
	Advanced Settings	Shutter sound		Sound1, Sound2, Sound3, Off
		Anti-flicker		50Hz, 60Hz
		Image quality		Low Normal High
		Storage		Phone Memory card
		Restore default		

	White balance			Auto Daylight Tungsten Fluorescent Cloudy Incandescent
	Night mode			Off On
	Advanced Settings	Shutter sound		On, Off
		Anti-flicker		50Hz, 60Hz
		Video quality		Low Normal High
		Restore default		

#### Icons for video

Icon	Name	Description
	Video Mode	
	Zoom	x1, x2, x3
	Brightness	-4, -3, -2, -1 0 +1, +2, +3, +4

#### Settings for video

Icons	Name	Sub Name	Sub Icons	Description
	Effect			Normal Grayscale, Sepia, Sepia green Sepia blue Color invert

#### 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 > press **OK** or 

**NOTE:** Your photo will be saved automatically to **File manager > Driver > Fotos**.

## To change to video camera mode

1. Press **Menu > Multimedia > Camera**

2. Press [**# 0 \***] while camera mode is activated.

3. Focus on the object > press **OK**.

4. Record the motion > press [].

## To view the taken picture

1. Press **Menu > Multimedia > Image viewer**

2. Select the picture > **OK**.

## After taking pictures

To	Press
Send as message	<b>Options &gt; Send &gt; As multimedia message</b>
Set as standby screen	<b>Options &gt; Use as &gt; Wallpaper</b>
Set as screen saver	<b>Options &gt; Use as &gt; Screen Saver</b>
Set a photo for a specific contact	<b>Options &gt; Use as &gt; Caller picture</b>
Delete the photo	<b>Options &gt; Delete</b>

## To record a video

1. Press **Menu > Multimedia > Video recorder**

2. Put the camera where to record > press **OK**.

3. Press [].

**NOTE:** Your video will be saved automatically to **File manager > Memory card > Videos**.

## To set video settings

1. Press **Menu > Multimedia > Video recorder**.

2. Press  before recording a video.

## To change to camera mode

1. Press **Menu > Multimedia > Video recorder**

2. Press [**# 0 \***] while video camera mode is activated.

3. Focus on the object > press **OK**.

## To view the record video clip

1. Press **Menu > Multimedia > Video player**

2. Select the video clip > **OK**.

## After recording video clips

To	Press
Send as message	<b>Options &gt; Send &gt; As multimedia message</b>
Delete the video clip	<b>Options &gt; Delete</b>

### During recording a video

To	Press
Receive an incoming call	
Stop recording	
Pause recording	OK, 
Deactivate pause	

## Pictures album

You can view, send, and delete the saved pictures. The supported formats are JPEG, GIF, BMP, WBMP and PNG.

### To view the saved pictures

1. Press **Menu** > **Multimedia** > **Image viewer**
2. Select a picture > **Options** > **View**.

### To set as wallpaper in the display

1. Press **Menu** > **Multimedia** > **Image viewer**
2. Select a picture > **Options** > **Use as** > **Wallpaper**

### To move or copy a picture to other folder

1. Press **Menu** > **File manager**
2. Select driver > **Fotos**.

3. Select a picture.
4. Press **Options** > **Copy or Move**
5. Select target folder

### To send pictures using multimedia message

1. Press **Menu** > **Multimedia** > **Image viewer**
2. Select a picture.
3. Press **Options** > **Send** > **As multimedia message**

## Video album

### To play the saved video clips

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

### To use video controls

To	Press
Play or Pause	OK
Stop	Stop, Back
Rewind	Hold 
Fast forward	Hold 
Control volume	Navi key up or down

### To play loop the video clip

1. Press **Options** > **Repeat**
2. Select **On**

### To move or copy a video to other folder

1. Press **Menu** > **File manager**
2. Select driver > **Video**
3. Select video clip
4. Press **Options** > **Copy** or **Move**
5. Select target folder

### To send video clip using multimedia message

1. Press **Menu** > **Multimedia** > **Video player**
2. Select a video.
3. Press **Options** > **Send** > **As multimedia message**

## Music album

You can play, send and delete the saved sounds. The supported formats are MIDI, iMelody, MP3, WAV, AAC, AAC+ and AMR.

### To use sound controls

To	Press
Play & Pause	<b>OK</b>
Stop	<b>Stop, Back</b>
Rewind	Hold 
Fast forward	Hold 
Control volume	Navi key up or down

### To set as a ringtone

1. Press **Menu** > **File manager**
2. Select driver > **Musica**.
3. Select a sound
4. Press **Options** > **Use as** > **User profiles**.

### To move or copy a music to other folder

1. Press **Menu** > **File manager**
2. Select driver > **Musica**.
3. Select sound file.
4. Press **Options** > **Copy** or **Move**.

### To send sound file using multimedia message

1. Press **Menu** > **File manager**
2. Select driver > **Musica**.
3. Select a sound file.

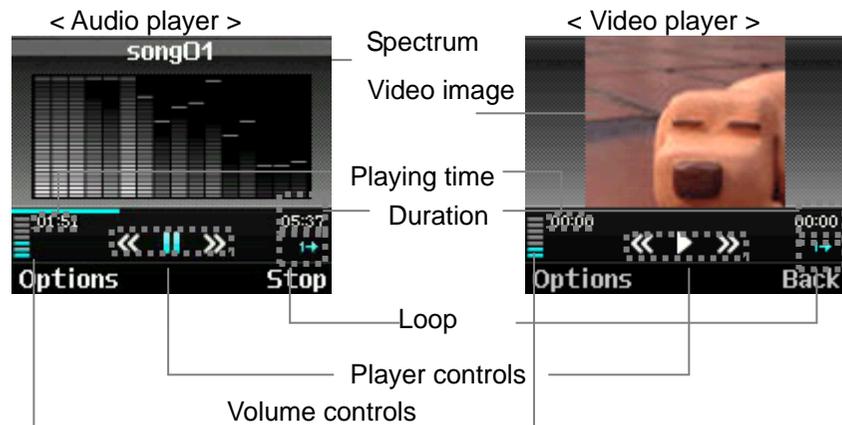
4. Press **Options** > **Send** > **As multimedia message**

## Audio/Video player

You can play MP3s and video clips with the audio/video player.

. <Music player>

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



### Icons for player

Icon	Audio player	Video player
	Volume	Volume
	Short press - Previous track	Fast rewind

	Long press - Fast rewind	
	Short press - Next track Long press: - Fast forward	Fast forward
	Pause	Pause
	Play	Play
	Play All	Play Once
	Repeat One	Repeat
	Repeat All	-
	Random	-

## Audio Player settings

### To set all files to play automatically

1. Press **Menu** > **Multimedia** > **Audio player**
2. Press **Options**.
3. Select **List auto gen** > **On**
4. On audio player, press 
5. You can see all MP3 files on **Musica** folder in phone or memory card.

### To set a file to play manually

1. Press **Menu** > **Multimedia** > **Audio player**
2. Press **Options**.
3. Select **List auto gen** > **Off**
4. On audio player, press 
5. You can add a file to play from memory card.

### To set play mode

1. Press **Menu** > **Multimedia** > **Audio player**.
2. Press **Options**.

3. Select a mode > **OK**

### To set background play

1. Press **Menu** > **Multimedia** > **Audio player**.
2. Press **Options**.
3. Select **Background play** > **On**

### To set spectrum

1. Press **Menu** > **Multimedia** > **Audio player**.
2. Press **Options** > **Spectrum display**.
3. Select a style

## Video Player settings

### To set repeat mode

1. Press **Menu** > **Multimedia** > **Video player**.
2. Select a file to play
3. Press **Options** > **Play**
4. Press **Options**
5. Select a repeat mode > **OK**

## FM Radio

You can listen to the radio and record it using built-in FM radio function.  
Before you hear the FM radio, you should connect your headset to the jack.

**NOTE:** The FM radio quality depends on your area.



### Icons for FM Radio

Icon	Description
	Volume
	Previous Channel
	Next Channel
	Power On
	Power Off
	Recording

### To add a channel to channel list automatically

1. Press **Menu > Multimedia > FM radio**.
2. Press **Options**.
3. Select **Auto search**

### To add a channel to channel list manually

1. Press **Menu > Multimedia > FM radio**.
2. Press **Options > Channel list**.
3. You can add a channel manually.

### To set play mode

1. Press **Menu > Multimedia > FM radio**.
2. Press **Options > Settings**.
3. Select a mode.

## **5. Useful Features**

**Calendar**

**Alarm**

**Stopwatch, calculator & converter**

**Notepad & voice memo**

**vCard**

**vCalendar**

## 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** > **Organizer** > **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

### To create a new event and edit

1. Press **Menu** > **Organizer** > **Calendar**.
2. Select a day > **Options** > **Add event**
3. On the **Add 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 01/01/1970 to 12/31/2030.

## Alarm

### To set an alarm

1. Press **Menu** > **Organizer** > **Alarm**.
2. Select a alarm > edit a new alarm > **OK**.

### To view the saved alarms

1. Press **Menu** > **Organizer** > **Alarm**.

### To edit existing alarms

1. Press **Menu** > **Organizer** > **Alarm**.
2. Select an alarm > **Edit**.

## Stopwatch, calculator & converter

### To use stopwatch

1. Press **Menu** > **Organizer** > **Stopwatch**.
2. Select split time or lap time.
3. Press **Start**.

### To use the calculator

1. Press **Menu** > **Organizer** > **Calculator**.
2. Use [/OK] to calculate.
3. Use [] to use the decimal point.

### To use the converter

1. Press **Menu** > **Organizer** > **Unit converter**.
2. Select a item to use
2. Select the current unit and the unit to be changed.
3. Enter the figure.

## Notepad & sound recorder

### To use notepad

1. Press **Menu** > **Organizer** > **Notes**.
2. To create new memo press **Add** or **Options** > **New note**.
3. To edit memo press **Options** > **Edit**.

### To record sound

1. Press **Menu** > **Organizer** > **Sound recorder**
2. Press **Options** > **New record**.
3. To stop recording, press **Stop**.
4. To listen to the recording, press **Options** > **Play**.

## vCard

You can send your information by sending it as message

### To create your own number

1. Press **Menu** > **Contacts** > **My number**.
2. Press **Edit my number** > edit the file
3. Press **OK**.

### To send my number

1. Press **Menu** > **Contacts** > **My number**.
2. Press **Send my number** > **As text/multimedia message**
3. Press **OK**

### To update information

1. Press **Menu** > **Contacts** > **My number**.
2. Press **Edit my number**.
3. Update information.
4. Press **OK**.

## vCalendar

You can send your schedule information by sending it as message.

### To create my schedule

1. Press **Menu** > **Organizer** > **Calendar**
2. Press **Options** > **Add event**
3. Select event and edit a schedule
4. Press **OK**.

### To send my schedule

1. Press **Menu** > **Organizer** > **Calendar**

2. Press **Options** > **View** > select a schedule
3. Press **Options** > **Send vCalendar** > **As text/multimedia message**

### To update information

1. Press **Menu** > **Organizer** > **Calendar**.
2. Press **Options** > **View** > select a schedule.
3. Press **Options** > **Edit**
4. Update information.
5. Press **OK**.

## **6. Connectivity**

**Using the internet**

**Connect to PC**

## Using the internet

### To access internet

1. Press **Menu** > **Portal Ideas** > **Homepage**.

**NOTE:** It will access your Wireless Web service provider's homepage.

### To set new bookmarks

1. Press **Menu** > **Portal Ideas** > **Bookmarks**.
2. Press **Options** > **Add bookmark**.

### To view bookmarks

1. Press **Menu** > **Portal Ideas** > **Bookmarks**.
2. To send via message, press **Options** > **Send** > **As Text/multimedia message**

### To input address

1. Press **Menu** > **Portal Ideas** > **Input address**.
2. Enter the web address > **OK**

### To view visited sites

1. Press **Menu** > **Portal Ideas** > **Recent pages**.
2. To open, press **Options** > **Go to**.

### To set the security

1. Press **Menu** > **Portal Ideas** > **Settings** > **Service message settings**.

### To clear cookies, cache and history

1. Press **Menu** > **Portal Ideas** > **Settings**.
2. Press **Clear cache** / **Clear cookies**

### To set profile

1. Press **Menu** > **Portal Ideas** > **Settings** > **Profiles**
2. Select profile
3. Press **Options** > **OK** > **Activate profile**.
4. Set each option.

### To edit WAP profiles

1. Press **Menu** > **Portal Ideas** > **Settings** > **Profiles**
2. Select profile.

3. Press **Options** > **Edit profile**

## **Connect to PC**

### **To connect to PC**

1. Connect the data cable with mobile and the computer
2. Press **Mass storage**
3. Follow the instruction on your computer screen.
4. To disconnect, disconnect the data cable

### **To set connection for port**

1. Connect the data cable with mobile and the computer
2. Press **COM port**

### **To use webcam**

1. Connect the data cable with mobile and the computer
2. Press **Webcam**
3. Run PC webcam application.
4. Follow the instruction on your computer screen.

## **7. Settings**

**Date & time**

**Language**

**Ringtones & alerts & tones**

**Decorating the display**

**Network**

**Locks**

**To enable fixed dialing**

**Reset**

## Date & time

### To set up

1. Press **Menu** > **Settings** > **Phone settings** > **Time and date**.
2. Set each option > **OK**.

## Language

### To set up

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

## Ringtones & alerts & tones

### To set ringtones

1. Press **Menu** > **Settings** > **User profiles** > select a profile
2. Press **Options** > **Customize** > **Tone settings** > **Incoming call**
3. Select ring tone
4. Press **OK**

### To set key pad tones

1. Press **Menu** > **Settings** > **User profiles** > select a profile
2. Press **Options** > **Customize** > **Tone settings** > **Keypad**

3. Select keypad tone
4. Press **OK**

### To set volume

1. Press **Menu** > **Settings** > **User profiles** > select a profile
2. Press **Options** > **Customize** > **Volume**

## Display

### To set the display

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

### To enter greeting message

1. Press **Menu** > **Settings** > **Phone settings** > **Greeting text**.

### To set time for backlight

1. Press **Menu** > **Settings** > **Phone settings** > **LCD backlight**.
2. Edit **LCD** brightness and time

## Network

### To select network

1. Press **Menu** > **Settings** > **Network settings** > **Network selection** > **Selection mode**
2. Select **Automatic** or **Manual**.

## Locks

### To lock the phone

1. Press **Menu** > **Settings** > **Security settings** > **Phone lock**.
2. To change the password press **Change password**.

**NOTE:** the default password is '0000'.

### To lock the PIN

1. Press **Menu** > **Settings** > **Security settings** > **SIM lock**.
2. Enter PIN code > **OK**.

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

### To change PIN

1. Press **Menu** > **Settings** > **Security settings** > **Change password** > **PIN**.

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

### To change PIN 2

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

**NOTE:** PIN2 code is dependable by your SIM.

## To enable fixed dialing

### To enable

Press **Menu** > **Settings** > **Security settings** > **Fixed dial**.

*For fixed dialing, see page 19.*

## Reset

### To reset the configuration

1. Press **Menu** > **Settings** > **Restore factory settings**

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

The default password is '0000'.

## **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” 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 “Input phone lock code” message appears in Phone locked state:**

Enter the phone password. The default password is “0000”. If you cannot remember the password, contact the nearest carrier.

### **When the “Input PIN” message appears:**

Input PIN. If you cannot remember it, contact the nearest carrier. You cannot receive calls if your mobile phone becomes locked after entering the incorrect PIN 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 on** (press the **Menu** > **Settings** > **Phone settings** > **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.

### **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 **1.5cm** 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 **1.6** /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 filing is applicable only for 850 MHz GSM and 1900 MHz PCS operations.