C530 USER MANUAL

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

The Pantech Angela has many features designed to enhance your mobile experience. From its sleek, stylish design and QWERTY keypad, we know you will enjoy the entire Angela experience.

This User Guide contains important and useful information that will maximize your familiarity with all that the Pantech Angela has to offer.

Specifications

Design

Bar type phone with single display and QWERTY keypad

Displays

- 260k colors TFT LCD with 2.2" internal display
- 176*220 resolution
- 7 lines for text in basic mode with 16-point font
- Two soft keys and four-way scroll and selection **OK** keys

Melodies

MP3, AAC. AAC+, WMA, AMR-NB, MIDI, SP-MIDI

Camera

Integrated 1.2M CMOS Camera

- Resolution up to 1280 x 960 (330,000 pixels)
- Mpeg4 Video recording/playing up to 15f/s(QCIF size)
- Self-timer function (5 seconds or 10 seconds)
- Photo album and video album

Dimensions & Weight

- Weight: 132g (with standard battery)
- Dimensions: 107 mm x 64 mm x 9.9 mm
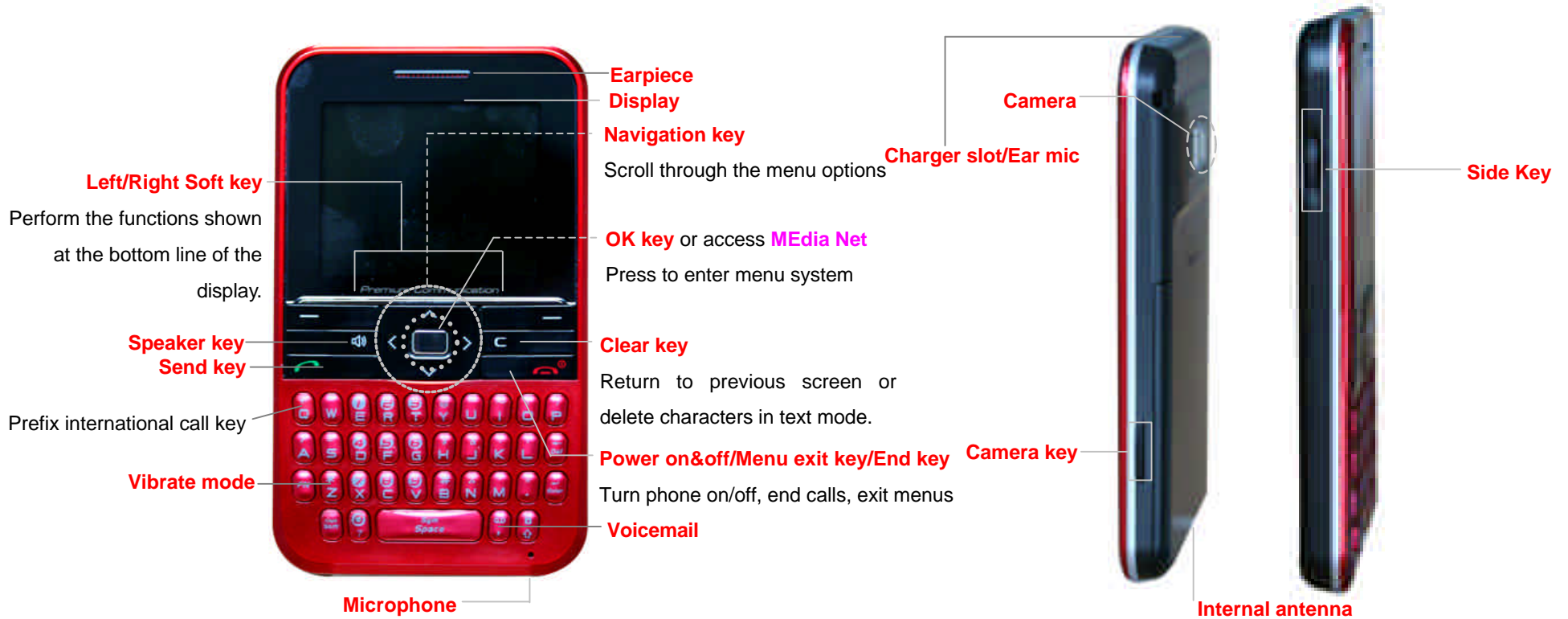
Power Management (Performance)

Battery Type	Capacity	Standby Time	Talk Time
Standard Lithium-Ion (Li-ion)	Up to 920 mAh	Up to 250 hours	Up to 3 hours

Operating Frequency

- GSM 850Mhz, GSM 900Mhz, DCS 1800Mhz, and PCS 1900Mhz networks in North America, South America, Europe, Africa, and Asia-Pacific where these networks are supported.
- Automatic band switching.

Phone overview

Number pad view

Earpiece

Display

Navigation key

Scroll through the menu options

Left/Right Soft key

Perform the functions shown
at the bottom line of the
display.

OK key or access **MEdia Net**

Press to enter menu system

Speaker key

Send key

Clear key

Return to previous screen or
delete characters in text mode.

Prefix international call key

Power on&off/Menu exit key/End key

Turn phone on/off, end calls, exit menus

Vibrate mode

Voicemail

Microphone

Camera

Charger slot/Ear mic

Side Key

Camera key

Internal antenna

NOTE: Holding device at internal antenna area might affect call
quality reception.

QWERTY keyboard view

Left/Right Soft key

Perform the functions shown at the bottom line of the display.

Clear/Back key

Returns to previous screen or deletes characters in text mode.

Function key

To enter a number or a symbol, press the function key, and press the corresponding key

Delete key

Press to delete a number or letter

Enter key

Press to create new line while writing a message

CAPS/Shift key

To type a single uppercase letter, press this key then a letter

Space key

Press to enter a space

Using shortcuts

Numbered menu items, such as menus, sub-menus, and options can be quickly accessed by using their shortcut numbers. In Menu mode, Main Menus can be accessed by pressing the number keys (1 to 9) corresponding to their location on the screen.

Example: Accessing the Language menu.

1. Press **Menu**.

2. Press the [9] for **Settings**.

3. Press the [4] for **Phone**.

4. Press the [1] for **Language**.

5. Press **Select** for **Screen Text**.

5. Press the [up] or [down] scroll key to display the list of available languages.

Menu overview

1 Email & IM

    1.   Mobile Email

    2.   IM

2 Messaging

    1.   Create Message

    2.   Inbox

    3.   Sent

    4.   Outbox

    5.   Draft

    6.   Voice Mail

    7.   Templates

    8.   Settings

    9.   Memory Info

3 Yellowpage.com

4 MEdia Net

    1.   MEdia Net Home

    2.   Bookmarks

    3.   Go to URL

    4.   Profiles

    5.   Options

    6.   Security

    7.   Version

5 MEdia Mall

    1.   Shop Tones

    2.   Shop Games

    3.   Shop Graphics

    4.   Shop Multimedia

    5.   Shop Applications

    6.   MEdia Net

6 Games & Apps

* SIM dependent

** Network dependent

Quick & Easy

Keys	Functions
▬ ▬	Perform the functions shown at the bottom line of the display by using these soft keys.
(navigation key)	Scroll through the menu options in Menu mode. In standby mode, Left: Access Mobile Email menu Right: Access IM menu Up: Access Create Message menu Down: Access Contacts menu
(OK key)	Select a menu function or store user-input information, such as names. Also use this key for confirmation as the [OK] key. Launch the MEdia Net directly if pressed in standby mode.
(clear key)	Delete characters from the display, or return to previous menu.
(send key)	Make or receive a call. Show the recent call list in standby mode. Re-dial the last call number if pressed and held in standby mode.
(end key)	Complete the current call. Turn on/off the phone if pressed and held. Cancel user input and return to main screen while in Menu mode.
1	Quickly connect to the voice mail server if pressed and held in standby mode.
A~ Z	Enters numbers, letters or special characters. Go to the dial screen if pressed in standby mode.
*	Enter or exit from vibrate mode if pressed and held in standby mode.
+	Enter a prefix international dialling.
FN	Change various text input modes if pressed at the text-editing screen. Enter numbers or symbols if pressed and held at the text-editing screen.

	Adjust the earpiece volume while making a call. Control the Ringtone volume, vibrate mode and silent all mode in standby mode. Mute the ringtone of an incoming call. Reject the incoming call if pressed and held when you receive an incoming call.
	Turn camera capture mode on.

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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.

Like a credit card, it should be kept secure and handled carefully. Do not bend, scratch or expose it to moisture. Avoid static electricity.

To avoid corrupting your SIM card's memory, always switch off your phone before removing or inserting your SIM card

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.

NOTE: 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.

Installing/removing SIM card and battery

1. Remove the battery cover from the unit. To fit the battery cover, put it on the guide rail and push up.

2. Insert the SIM card first into the slot. The gold contacts of the SIM card should go against the metal contacts of the phone. After inserting the SIM card, put the contacts of the battery into the hole located at the right of the unit (1) and press the left side(2) of the battery until you hear the "click".

3. To remove the battery pull the left side of the battery to upwards(1) and remove(2) the battery. After removing the battery, remove the SIM card in the arrow direction as shown.

   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 top left side and connect the charger adapter.

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

Turn on/off the phone

To turn on

1. Press and hold [⬛ᵒ].

To turn off

1. Press and hold [⬛ᵒ].

Keypad lock

Locking the keypad

1. Press and hold [🔒] to lock.

Unlocking the keypad

1. Press **Unlock** > [z] within 3 seconds to unlock.

Essential display indications

Icon	Description
📶	Signal strength. The greater the number of bars, the stronger the signal. When network is in searching mode 🔍 is displayed.
📞	A call is being made. When you are in no service area 🚫 is displayed
⬆	Call forwarding* is active
🔔	Incoming calls set to ring only (**Normal**)
📳	Incoming calls set to **Vibrate and Ring**
📳	Incoming calls set to **Vibrate Only**

Icon	Description
🔇	Incoming calls set to **Silent**
✈	**Flight Mode** is active
✉	Received one or more text messages
✉	Received one or more multimedia messages
✉	Received one or more WAP push messages
▤	Received one or more other messages
✉	Received one or more voice messages
✉	A message is being sent
✉	A message is being received
🔔	An alarm is set
ᙁ	Bluetooth is active
🎧	Headset is connected
▦	TTY is active
E	An EDGE signal is available. It is displayed when there is an active EDGE session
G	A GPRS signal is available. It is displayed when there is an active GPRS session
ⓘ	WAP is connected. When the security is set 🔒 is displayed.
🔋	Battery strength. When the battery charge is low, ▭ is displayed
	Available, Away, Invisible Status of AIM
	Online, Away, Busy, Offline Status of MSN
	Available, Busy, Invisible Status of YAHOO
	You have received one or more IM messages

* Network dependent

Assigning the menu

You can set the most commonly used menu in Options in standby mode.

1. Press **Options** in standby mode > select **Unassigned**.

2. Press **Options** > **Edit**.

3. Select the menu and sub menu.

Note: User can change Options menu except My Account.

Using the QWERTY key pad

Your phone has QWERTY keypad which provides a superior typing experience on a small handheld for easy and comfortable text writing. You can use all of the phone functions with the QWERTY keypad.

Key	Function
— / —	Perform the functions shown at the bottom line of the display by using these soft keys.
⌨	Press to change ab AB AB at the text editing screen. **ab** **AB** **AB** (all small caps / first letter caps / all caps)
FN	Press to type a special character or number, at the applicable key pad. To enter symbols and numbers continually, press until **FN** displays.
Sym Space	Enter the space character in text input mode.
⏎	Insert a carriage return in text input mode.
⌫	Delete a character to the left of the text cursor in text editing screen.

MEdia Mall

Shopping tones

1.   Press **Menu** > **MEdia Mall** > **Shop Tones**.

Shopping Games

1.   Press **Menu** > **MEdia Mall** > **Shop Games**.

Shopping Graphics

1.   Press **Menu** > **MEdia Mall** > **Shop Graphics**.

Shopping Multimedia

1.   Press **Menu** > **MEdia Mall** > **Shop Multimedia**.

Shopping Applications

1.   Press **Menu** > **MEdia Mall** > **Shop Applications**.

MEida Net home

1.   Press **Menu** > **MEdia Mall** > **MEdia Net**.

2. Calls and address book

Making, receiving and ending a call

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Checking all calls

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Making, receiving and ending a call

Making a call

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

Answering a call

1. Press [📞].

Ending a call

1. Press [📞].

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

Rejecting a call

1. Press [📞] or **Ignore**.

Making a call using call list

Your phone logs up to 20 dialed, received and missed call numbers.

1. Press [📞] to display the **Recent Calls** list.
2. Select **All Calls**, **Missed Calls**, **Received Calls**, or **Dialed Calls** pressing the [〈/〉].
3. Select a number.
4. Press [📞] to dial the selected number.

   NOTE: To redial the last number in the **Recent Calls** list, press and hold

[📞].

Making a call during a call

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

Switching between two calls

1. Press **Swap**.

Making an international call

1. Press [📞] key for the international.
2. Type the country code, area code, and phone number.
3. Press [📞].

Making 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. Select 911 or 112.
3. Press [📞].

Replying to a missed call**

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

2. Select a number to call by pressing the [▲/▼] I key.

3. Press [📞].

Answering a second call**

1. Press [📞]. The first call is automatically put on hold.

2. Press [📞⁰] to end the second call.

    The call on hold is automatically reconnected.

Options during a call

Microphone off and on

Switching your phone's microphone off

1. Press **Options** > **Mute** [🔇].

Switching your phone's microphone back on

1. Press **Options** > **Unmute**.

Talking on speaker

1. Press **Speaker Phone** [🔊].

Putting a call on hold and return**

Putting a call on hold

1. Press **Options** > **Hold** or press [📞].

Returning to a held call

1. Press **Options** > **Retrieve** or press [📞] again.

Multi-party calls**

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

Making 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**.

Having 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.

Removing 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.

Searching a number in address book during a call

1. Press [▼] or press **Menu** > **Address Book** > **Contacts**.

2. Select a number > [📞].

Searching 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.

Finding a name manually in address book

1. Press the [∧/∨] key.

Viewing the details of highlighted entry in address book

1. Press **OK**.

*For details on **address book**, see page **20**.*

Reading a message during a call

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

Writing a message during a call

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

*For details on **creating a text message**, see page **24**.*

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

Call Setting

Setting auto redial

1. Press **Menu** > **Settings** > **Call** > **Auto Redial**.
2. Select **On** or **Off**.

Answering with any key press

1. Press **Menu** > **Settings** > **Call** >**Answer Type**
2. Select **Any Key**.

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

Checking all calls

You can view information about all **Recent Calls**. For more options for all, missed, received and dialed calls press **Options**.

You can also view the all **Recent Calls** simply by pressing [ ].

Viewing missed calls

1. Press **Menu** > **My Stuff** > **Tools** > **Recent Calls** > **Missed Calls**.

Viewing received calls

1. Press **Menu** > **My Stuff** > **Tools** > **Recent Calls** > **Received Calls**.

Viewing dialed calls

1. Press **Menu** > **My Stuff** > **Tools** > **Recent Calls** > **Dialed Calls**.

Deleting call logs

1. Press **Menu** > **My Stuff** > **Tools** > **Recent Calls** > **Delete Call Logs**.
2. Select **All Calls** > **Yes**.

NOTE: If no logs exist, the message "List Empty" appears.

Viewing call time

1. Press **Menu** > **My Stuff** > **Tools** > **Recent Calls** > **Call Time**.
2. Press [▲/▼] to view **Last Call**, **Received Calls**, **Dialed Calls**, and **Total Calls**.

Resetting all call times

1. Press **Menu** > **My Stuff** > **Tools** > **Recent Calls** > **Call Time** > **Reset Call Times**.
2. Enter password > **OK**.

NOTE: The default password is '1234'.

Viewing data transmitted information

1. Press **Menu** > **My Stuff** > **Tools** > **Recent Calls** > **Packet Counter**.

   - Current Info: You can view transmitted data in the current session, in Kbytes. Sent, Received and Total information is also available.

- Last Info: You can view Sent, Received, and Total transmitted in previous sessions, in Kbytes.

- Total Info: You can view all Sent, Received, and Total transmitted data in Kbytes.

- Clear Logs: You can clear all logs.

Speed dialing

You can dial quickly using speed dialing. Up to 8 phone numbers can be programmed using numbers 2 to 9.

[🔳] and [🔳] : Voice mail
[🔳] : Prefix for international call
[🔳] : Question mark

Setting speed dial

1. Press **Menu** > **Address Book** > **Speed Dial**.
2. Select an empty entry and press **Add**.
3. Select a person and press **OK** or **Options** > **Select**.

Changing speed dialing person

1. Select a number > **OK** or **Options** > **Edit**.
2. Select a person > **OK** or **Options** > **Select**.

Removing from speed dial

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

Using address book

You can save names, phone numbers, and information on the SIM or phone. Entries can depend on the capacity of the SIM card.

Viewing contact list

1. Press [⌄] or press **Menu** > **Address Book** > **Contacts**.

Searching for a phone number

1. Press [⌄] or press **Menu** > **Address Book** > **Contacts**.
2. Input the first letter or two of the person's name and scroll with [⌃⌄].
3. Press **OK** to view detail information.
4. To update information press **Options** > **Edit**.

Calling from contact list

1. Press [⌄] or press **Menu** > **Address Book** > **Contacts**.
2. Select a person to call.
3. Press [☎]

Forwarding contact details

1. Press [⌄] or press **Menu** > **Address Book** > **Contacts**.
2. Select a contact > **Options** > **Forward Contact Info**.
3. You can send the information **Multimedia Message** or **Bluetooth**.

Deleting a contact

1. Press [⌄] or press **Menu** > **Address Book** > **Contacts**.
2. Select a contact > **Options** > **Delete**.

Adding a contact

1. Press **Menu** > **Address Book** >**New Contact**.
2. Select **SIM card** or **Phone**.
3. Input the fields.
4. Press **OK** or **Options** > **Save**.

Making a groups

1. Press **Menu** > **Address Book** > **Groups**.
2. You can select group either on phone or SIM. There will be defaulted groups.
3. To add new group press **Options** > **New**.
4. To edit group press **Options** > **Select**. You can also set a specific ringtone by selecting **Options** > **Group Ring tones** > **OK** > select the

ringtone.

Caller identification

Caller identification**

1. Press **Menu** > **Settings** > **Call** > **Caller ID**.
2. Select **Send** or **Hide My No.** > **Select**.

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.

NOTE: You need to use the headset designed for this device and it is optional item. Also not every headset has a button.

While in standby mode

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

Service number and fixed dialing

Calling your service numbers*

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

1. Press **Menu** > **Address Book** > **Service Numbers**.
2. Select a number > press [   ].

Viewing 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**.
2. Select a number > press [   ].

NOTE: PIN2 must be correctly entered within 3 attempts. If you input incorrect code three times in a row the PIN2 code will be blocked. If the PIN2 code is blocked please contact your service provider. PIN2 code supplied with SIM card.

3. Messaging

Entering text

Messaging

Receiving message

Creating and sending text message

Creating a multimedia message

Message template

Message settings

Setting voice message

Email

Using instant messenger

Entering text

You can enter text with multi-tap, numeric or symbol.

Useful keys

[Space]	Adding space
[FN]	Press to change ab , FN and FN .
[Caps Shift]	Press to change capital mode. Press to change ab AB and AB . ab AB AB (all small caps / first letter caps / all caps)
[E] ~[V] and [?]	Press and hold to enter numbers
[FN] + [Space]	Symbols Sym

Alphabet input mode

Press the key labeled with the target letter once.

1 Press [A] to [Z] to input text.

2 To enter all characters with upper cases, press [ ] to change the mode to AB. Press [A] to [Z].

Numeric mode

You can input numbers in this mode.

1. Press [FN] to change the mode FN .

2. Press [E] to [V] and [?] to input numbers.

3. To enter numbers continually, press and hold [FN] to change the mode to FN . Press [E] to [V] and [?].

Symbol mode

You can input symbols.

1. Press [FN] and [Space] to view the symbols.

2. Using the [/ / /] to select symbol and press **Insert**.

Messaging

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.

When	It means
	Text message is full
	Multimedia message is full

Moving a message to SIM

1. Press **Menu** > **Messaging** > **Inbox**.

2. Select a message > **Options** > **Move to SIM**.

Deleting a message in a mailbox

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

Replying to a message

1. Select a message > **Options** > **Reply**.

Viewing memory space information

1. Press **Menu** > **Messaging** > **Memory Info**
2. Press [< / >] to view **SIM** and **Phone** memory.

Receiving message

Viewing a new message

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

Reading a message from the inbox

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

Saving number or e-mail from received message

1. Select a received message > **Options** > **View** or **OK.**

2. Press **Options** > **Save Number & Email** from received message.

3. Select **Options** > **Save** > **Save New** or **Add to Old**

Saving the object in the received multimedia message

1. Open the multimedia message.
2. Press **Options** > **Save Objects**.
3. Select an object > **Save** or **OK.**
4. Edit the filename > **Options** > **Save** or **OK.**

It will be saved in one of the categories in the **My Stuff** folder.

*For details on **photo album**, see page **32**.*

Listening to voice message

1. Press and hold [ ] or press **Menu** > **Messaging** > **Voice Mail**.

It will automatically call the voice mail center.

Creating and sending text messages

Sending new text message

1. Press [∧] or press **Menu** > **Messaging** > **Create Message** > **Text Message**.
2. Write the message.
3. Press **Options** > **Send to**.
4. Select a person or persons or **Options** > **Enter Number**, **Enter Email**,

Call Log or **Groups**.

5. Select **Send**.

6. To view sent message press **Menu** > **Messaging** > **Sent**.

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

Finding all sent messages

1. Press **Menu** > **Messaging** > **Sent**.

Creating a multimedia message

You can create new multimedia message. Capacity is 600Kb and will alert you once that is exceeded via error message.

Adding saved picture to the message

1. Press [⋀] or press **Menu** > **Messaging** > **Create Message** > **Multimedia Message.**

2. Write a message.

3. Press **Options** > **Add Object** > **Add Image** > **Photo or Images**.

4. Select the folder > **OK** > choose a file.

5. Press **Options** > **Select**.

6. To preview the whole message, press **Options** > **Preview** > **OK**.

7. To edit the text message, press [⋀/⋁] to select the text box and **Options** > **Edit Text**.

8. Press **Options** > **Send to**.

Adding new picture to the message

1. Press [⋀] or press **Menu** > **Messaging** > **Create Message** > **Multimedia Message.**

2. Write a message.

3. Press **Options** > **Add Object** > **Add Image** > **Take a Photo**.

4. Focus on the object > **OK**.

5. Press **Insert** > **Send to**.

*For the **taking apicture**, see page **31**.*

Adding recorded voice memo to the message

1. Press [⋀] or press **Menu** > **Messaging** > **Create Message** > **Multimedia Message.**

2. Write a message

3. Press **Options** > **Add Object** >**Add Sound** > **Voice Memo.**

4. Select the file.

5. To listen select the recorded memo, press **Play**.

6. To stop listening, press [⋁].

7. To select other recorded memo press **Back** and select other memo.

8. Press **Options** > **Send to**.

Adding new voice memo to the message

1. Press [⋀] or press **Menu** > **Messaging** > **Create Message** >

Multimedia Message.

2. Write a message.

3. Press **Options** > **Add Object** > **Add Sound** > **New Voice Memo**.

4. Record the sound.

5. To stop and save press **OK**.

6. Press **Options** > **Send to**.

*For the recording **voice memo**, see page 38.*

Adding saved video to the message

1. Press [⋀] or press **Menu** > **Messaging** > **Create Message** > **Multimedia Message.**

2. Write a message.

3. Press **Options** > **Add Object** > **Add Image** > **Video**.

4. Select a video > **Options** > **Select**.

5. To preview the whole message press **Options** > **Preview**.

6. To pause press **Pause**.

7. Press **Options** > **Send to**.

Adding new video to the message

1. Press [⋀] or press **Menu** > **Messaging** > **Create Message** > **Multimedia Message.**

2. Write a message.

3. Press **Options** > **Add Object** > **Add Image** > **Take a Video**.

4. Focus on the object > **OK**.

5. To stop recording and save press **OK**.

6. Press **Options** > **Send to**.

*For the **recording video**, see page 31.*

Adding other file to the message

1. Press [⋀] or press **Menu** > **Messaging** > **Create Message** > **Multimedia Message.**

2. Write a message.

3. Press **Options** > **Add Object** > **Add Other Files**.

4. Select the file > **Options** > **Select**.

5. Press **Options** > **Send to**.

Message template

When you often use the same phrases, you can save the message under template messages.

Using the template

1. Press **Menu** > **Messaging** > **Templates**.

2. Select the template > **Options** >**Text Message** or **Multimedia Message**.

3. Write message and send message.

Creating a template

1. Press **Menu** > **Messaging** > **Templates**.
2. Press **Options** > **Create Message**.
3. Select **Text Message** or **Multimedia Message**.
4. Write often used message.
5. Press **Options** > **Save**.
6. To edit, press **Options** > **Edit**.
7. To delete, press **Options** > **Delete**.

NOTE: **Delete All** will only delete templates with [⬛] icon is displayed.

Message settings

Setting message center for text message

1. Press **Menu** > **Messaging** > **Settings**.
2. Press **Text Message** > **Message Center**.
3. Enter new center address.
4. To save press **Select**.

Setting profiles for multimedia message

1. Press **Menu** > **Messaging** > **Settings**.
2. Press **Multimedia Message** > **WAP Profiles**.
3. Select a profile > **Select**.

Setting message center for multimedia message

1. Press **Menu** > **Messaging** > **Settings**.
2. Press **Multimedia Message** > **Message Center**.
3. Enter new center address.
4. Press **Options** > **Save**.

Setting sending multimedia message

1. Press **Menu** > **Messaging** > **Settings**.
2. Press **Multimedia Message** .
3. You can set for **Delivery Reports**, **Read Reports** and **Lifetime** .

Setting e-mail gateway for text message

1. Press **Menu** > **Messaging** > **Settings**.
2. Press **Text message** > **Email Gateway**.
3. Enter new gateway for receiving e-mail.
4. To save press **Select**.

Setting receiving notice for push message

1. Press **Menu** > **Messaging** > **Settings**.
2. Press **Push Message** > **Receive**.
3. Select **On, Prompt** or **Off** modes.

Setting voice message

Setting receiving voice message

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

Note: This number may be pre-configured by the service provider upon activation.

Email

You can receive email from your service provider.

Receiving an email

1. Press **Menu** > **Email &IM** > **Mobile Email**.
2. Select an email > **OK**.

Using instant messenger

Use Instant Messenger (IM) to send and receive short, simple messages that are delivered immediately.

Starting an instant messenger

4. Press **Menu** > **Email &IM** > **IM**.

5. Select the IM application > **Select**.
6. Enter logon and password > **Sign On**.

Viewing the conversation log

You can view the log of your conversations in the Instant Messenger Saved History.

4. Multimedia

Camera

Photo album

Image album

Video album

Audio album

Other files

Managing the memory

Playing games

Camera

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

Record Type
White Balance
Quality
Self Timer
Multi-shot
Size
Remain
Recording time
Zoom
Brightness
Camera mode
Video mode
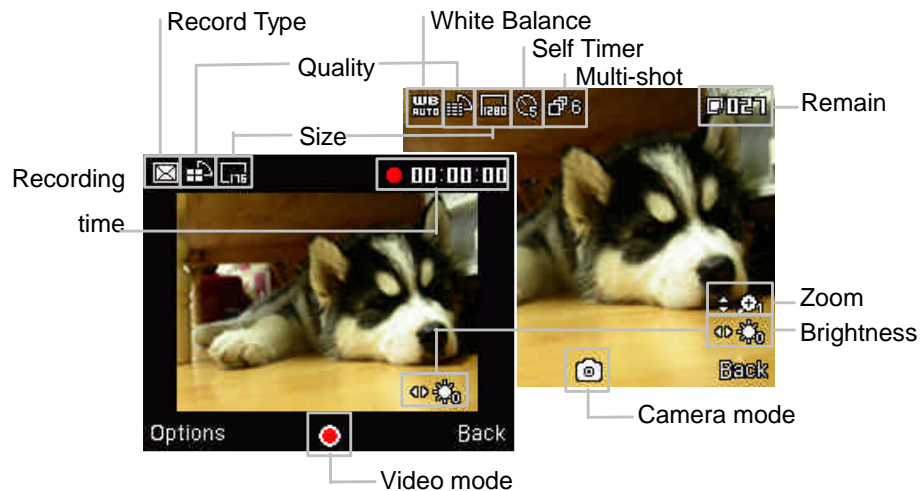
Setting camera settings

1. Press **Menu** > **My Stuff** > **Tools**.

2. Press **Camera**.

3. Press **Options** to change settings prior to taking a picture.

In options menu for camera

Icons	Name	Description
	Image Size	1280x1024( ), 1024x768( ), 800x600( ), 640x480( ), 320x240( ),220x176( ),
	Image Quality	High( ), Medium( ), Low( )
	Effects	Nomal, Sepia, Monochrome, Nagative, Embossing
	White Balance	Auto( ), Sunlight( ), Cloudy( ),Fluorescent ( ), Incandescent( )
	Multi-Shot	Off, 4EA( ), 6EA( ), 9EA( )
	Self Timer	Off, 5 secs( ), 10 secs( )
	Display Icons	On, Off
	Shutter Sound	On, Off

In options menu for video camera

Icons	Name	Description
	Video Size	176*144( ), 128*96( )
	Video Quality	Low( ), High( )
	Record Type	For Msg( ), Unlimited( )
	Effects	Nomal, Sepia, Monochrome, Nagative, Embossing
	Display Icons	On, Off

Zoom in and out

1. Press [   ]. It ranges from x1 to x4.

Increasing or decreasing the brightness

1. Press [   ]. It ranges from -3 to +3.

Taking a picture

1. Press **Options** > **Camera** in standby mode or press **Menu** > **My Stuff** > **Tools**.

2. Press **Camera** > **Take a Photo**.

3. Focus on the object > **OK** or press **Options** > **Take a Picture**.

NOTE: Your photo will be saved automatically to **My Stuff** > **Camera** > **Photo**.

Changing to video camera mode

1. Press **Options** > **Camera** in standby mode or press **Menu** > **My Stuff** >**Tools** > **Camera** > **Take a Photo**.

2. Press **Options** while camera mode is activated.

3. Press **Take a Video**.

4. Focus on the object > **Options** > **Take a Video** or press **OK**.

5. Record the motion > **OK**.

6. Press **OK** to save the video clip.

NOTE: Your video will be saved to **My Stuff > Video**.

Viewing the taken picture

1. Press **Options** > **Camera** in standby mode or press **Menu** > **My Stuff** > **Tools** > **Camera** > **Take a Photo**.

2. Press **Options** > **View Photos**.

3. Select the picture > **OK**.

After taking pictures

To	Press
Send a multimedia message	**Options** > **Send as Multimedia Message**
Send using Bluetooth	**Options** > **Send via Bluetooth**
Upload photos on the web	**Options** > **Send to HP's Snapfish**
Set as wallpaper	**Options** > **Set as** > **Wallpaper**
Set as address book	**Options** > **Set as** > **Address Book**
Delete	**Options** > **Delete**
Rename	**Options** > **Rename**

Recording a video

1. Press **Menu** > **My Stuff** > **Tools** > **Camera** > **Take a Video**.

2. Focus on the object > **OK** or press **Options** > **Take a Video**.

3. Press **OK** to stop.

4. Press **Play** to play the video clip.

5. Press **Back** to go back to preview mode.

6. Press **OK** to save the video clip.

Changing to camera mode

1. Press **Menu** > **My Stuff** > **Tools** > **Camera** > **Take a Video**.

2. Press **Options** while video camera mode is activated.

3. Press **Take a Photo**.

Viewing the recorded video clip

1. Press **Menu** > **My Stuff** > **Tools** > **Camera**

2. Press **Video**.

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

After saving recorded video clips

To	Press
Send a multimedia message	**Options** > **Send as Multimedia Message**
Send using Bluetooth	**Options** > **Send via Bluetooth**
View recorded video clip	**Options** > **View Videos**
Delete	**Options** > **Delete**
Rename	**Options** > **Rename**

During recording a video

To	Press
Receive an incoming call	[📞]
Stop recording	**OK**

Photo album

You can view, send, save to your phone and also delete photos. JPEG format is supported, and other formats are saved in the **Camera** folder.

Viewing the saved pictures

1. Press **Menu** > **My Stuff**.

2. Press **Tools** > **Camera** > **Photo**.

3. Select a picture > **OK** or press **Options** > **View**.

Setting as wallpaper in the display

1. Press **Menu** > **My Stuff**.

2. Press **Tools** > **Camera** > **Photo**.

3. Select a picture > **Options** > **Set as** > **Wallpaper**.

Sending pictures using multimedia message

1. Press **Menu** > **My Stuff**.

2. Press **Tools** > **Camera** > **Photo**.

3. Select a picture.

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

*For details on **creating a multimedia message**, see page **25**.*

Uploading pictures on the web

1. Press **Menu** > **My Stuff**.

2. Press **Tools** > **Camera** > **Photo**.

3. Select a picture > **Options** > **Send to HP's Snapfish**.

Deleting multiple pictures

1. Press **Menu** > **My Stuff**.

2. Press **Tools** > **Camera** > **Photo**.

3. Press **Options** > **Multi-Select**.

4. Press **OK** to select more than one picture.

5. Press **OK** to unselect.

6. Press **Options** > **Delete**.

Viewing file information

1. Press **Menu** > **My Stuff**.

2. Press **Tools** > **Camera** > **Photo**.

3. Select a picture.

4. Press **Options** > **File Info**.

Images album

You can play, send and delete the saved images. The supported formats are JPG, GIF, BMP, and PNG.

To view the saved image

1. Press **Menu** > **My Stuff** > **Graphics** > **Images**.

2. Select an image > **Options** > **View**.

To set as wallpaper in display

1. Press **Menu** > **My Stuff** > **Graphics** > **Images**.

Select an image > **Options** > **Set as Wallpaper**.

Video album

You can view, send, save and delete videos.

Playing the saved video clips

1. Press **Menu** > **My Stuff**.

2. Press **Tools** > **Camera** > **Video**.

3. Select a video clip > **OK** or press **Options** > **Play**.

Using video player controls

To	Press
Pause	**OK**
Play	**OK**
Rewind	and hold ❮
Fast forward	and hold ❯
Control volume	Side key up/down or ⋀/⋁
Mute	**Mute**

Sending video clip using multimedia message

1. Press **Menu** > **My Stuff**.

2. Press **Tools** > **Camera** > **Video**.

3. Select a video.

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

For details on **creating a multimedia message**, *see page* **25**.

Deleting multiple video clips

1. Press [ ] in standby mode or press **Menu** > **My Stuff**.

2. Press **Tools** > **Camera** > **Video**.

3. Press **Options** > **Multi-Select**.

4. Press **OK** to select more than one video.

5. Press **OK** to unselect.

6. Press **Delete.**

Audio album

You can play, send, delete the saved sounds. The supported formats are MP3, AAC, AAC+, and WMA.

To listen the saved sound

1. Press **Menu** > **My Stuff** > **Audio**.

2. Select a sound > **Options** > **Play**.

To use sound controls

To	Press
Play & Pause	OK
Play previous clip	Hold ‹
Play next clip	Hold ›
Control volume	Side key/Navi key up or down

To set as a ringtone

1. Press **Menu** > **My Stuff** > **Audio**.

2. Select a sound > **Options** > **Set as Ringtone**.

To send sound file using multimedia message

1. Press **Menu** > **My Stuff** > **Audio**.

2. Select a sound file.

3. Press **Options** > **Send via 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.

Viewing the list of the files

1. Press [ ] in standby mode or press **Menu** > **My Stuff**.

2. Press **Other Files**.

Managing the memory

Viewing memory status

1. Press [ ] in standby mode or press **Menu** > **My Stuff**.

2. Press **Memory Info**.

3. Use [↗↘] to view the information.

Playing games

You can download games to play with. It is easy to download and you can preview them beforehand. You will only be able to view games that are available on your mobile.

Shop games

1. Press [◁] in standby mode or press **Menu** > **Games & Apps**.

2. Select **Games** > **Shop Games** > **Select**.

3. Play the demo and press **BUY** to download the complete game.

5. Useful Features

Alarm

Calendar

Notepad and voice memo

Calculator, converter and stopwatch

Business card

Memory information

Alarm

Setting an alarm

1. Press **Menu** > **My Stuff** > **Tools** > **Alarm**.
2. Press **New** for new alarm for the first time.
3. Set the **Cycle**, **Time** and **Alarm Sound** > **Save**.
4. To turn on the snooze, press **Options** > **Snooze on**.

Note: The alarm will not ring if you set the phone to Vibrate Only. To make it ring on vibrate mode, press Options > Wake-Up Call On. The alarm will not go off if the phone is turned off.

Viewing the saved alarms

1. Press **Menu** > **My Stuff** > **Tools** > **Alarm**.

Editing existing alarms

1. Press **Menu** > **My Stuff** > **Tools** > **Alarm**.
2. Select an alarm > **Options** > **Selcet**.
3. Press **Options** > **Delete** to delete an alarm.

Calendar

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

Viewing calendar

1. Press **Menu** > **My Stuff** > **Tools** > **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	**Side key up** for Previous **Side key down** for Next

Creating a new event and edit

1. Select a day > **Options** > **New Event**.
2. Set **Event**, **Start Time**, **Stop Time**, **Reminder**, **Phone Number**, **Location** and **Memo**.
3. Input the events > **Save**.

   NOTE: You can create up to 50 scheduled events.

   Note. You can create events for dates from 01/01/2000 to 12/31/2049.

Notepad and voice memo

Using notepad

1. Press **Menu** > **My Stuff** > **Tools** > **Notepad**.
2. Press **New** for the first time. To add new note press **Options** > **Create New**.
3. To edit memo press **Options** > **Edit**.
4. Press **Options** > **Save** to save.

Recording voice memo

1. Press **Menu** > **My Stuff** > **Tools** > **Voice Memo**.
2. Press **Options** > **Create New**. (Press **New** to create memo for the first time.)
3. Press **OK** to stop recording.
4. Press **Re-rec** to re-record. Press **Pause** to pause recording.
5. Press **Play** to listen.
6. Press **OK** [⊟] to save.

Using sound controls

To	*Press*
Pause	**OK**
Play	⌄
Stop	**Stop**
Rewind	‹
Fast Forward	›
Control volume	Side key up / down or ⌃ / ⌄

Calculator, converter and stopwatch

Using stopwatch

1. Press **Menu** > **My Stuff** > **Tools** > **Stopwatch**.
2. Press **OK** to start.
3. Press **OK** to stop.
4. Press **Reset** to clear.
5. Press **Lap** To change to lap time

Using the calculator

1. Press **Menu** > **My Stuff** > **Tools** > **Calculator**.
2. Use [‹/›/⌃/⌄/**OK**] to calculate.
3. Press **Clear** or [▢] to reset.
4. Press [.] to use the decimal point.

Using the converter

1. Press **Menu** > **My Stuff** > **Tools** > **Converter**.
2. Select the categories
3. Select current unit and enter figure.
4. Select the unit to be changed.

Business card

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

Creating your own business card

1. Press **Menu** > **Address Book** > **My Business Card**.
2. Edit the fields > **Options** > **Save** or press **OK**.

Forwarding

1. Press **Menu** > **Address Book** > **My Business Card**.
2. Press **Options** > **Send as Multimedia Message**.
3. Press **Options** > **Send via Bluetooth**.
4. Write a message for **Multimedia Message**.
5. Press **Options** > **Send**.

Updating information

1. Press **Menu** > **Address Book** > **My Business Card**.
2. Press **Options** > **Edit**.
3. Update information.
4. Press **Options** > **Save**.

Memory information

You can view the information of your phone for **Free, Graphics, Video, Photo, Audio, Others , Games , Message** and **System**.

Viewing the information

1. Press **Menu** > **My Stuff** > **Memory Info**.

6. Connectivity

Bluetooth

Using the browser

Profiles setting

Bluetooth

Bluetooth technology enables free wireless connections between electronic devices within a maximum range of 33 feet (10 meters). Bluetooth connection can be used to send images, text, business cards, calendar notes, 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.

Icons for Bluetooth

	Bluetooth is active
	Transmitting file using Bluetooth
	Bluetooth is active and USB cable is connected
	Bluetooth is active and the headset is connected
	Sending file and USB is connected
	USB is connected

Activating

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

Adding a device

1. Press **Menu** > **Settings** > **Connectivity** > **Bluetooth** >**Paired Devices**.
2. Press **New** > **Search All**.
3. The available device will display.
4. To select the device press **Options** > **Select**
5. Enter password.

Note: The other device must be in pairing mode.

Sending an object

1. Select the file from **Menu** > **My Stuff** > **Graphics, Video, Audio,** or **Other Files**.
2. Press **Options** > **Send via Bluetooth**.
3. Press **Search for Devices** > **Search** or press **OK**.
4. Select the device > **Options** > **Select**.

NOTE: If the other Bluetooth device requests pairing, the object is sent after pairing is completed. Locked object or ones containing original rights may not be forwarded.

Receiving an object

The receiving an object starts only when the receipt has been approved.

The received file will be saved in each place. For example, if you received contacts information from the sender, it will be saved in your phone's memory.

Setting the visibility

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

2. Select **Hide** or **Show to All**.

Naming the phone

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

2. Edit the filed > **Options** > **Save**.

Note: This is what others will see in their device's display for your phone when searching for your device.

Using the browser

Accessing browser

1. Press **OK** in standby mode or press **Menu** > **MEdia Net** > **MEdia Net Home**.

NOTE: It will access provider's homepage.

Viewing bookmarks

1. Press **Menu** > **MEdia Net** > **Bookmarks**.

2. To open the site, press **Options** > **Select**.

3. To send via text message, press **Options** > **Send Message.**

Setting new bookmarks

1. Press **Menu** > **MEdia Net** > **Bookmarks**.

2. Press **Options** > **Add**.

3. Enter the fields > **Options** > **Save**.

Entering address

1. Press **Menu** > **MEdia Net** > **Go to URL** > **Enter New URL**.

2. Enter the web address > **Options** > **Go to URL**.

Setting options

1. Press **Menu** > **MEdia Net** > **Options**.

2. Select the category > **Select** > select the option.

Profiles setting

You can set profile and view **Profile Name**, **Home URL**, **Connection Type**, **Proxy Address**, **Proxy Port**, **Proxy Login ID**, **Proxy Password** and **Data Bearer**.

Adding new profile

1. Press **Menu** > **MEdia Net** > **Profiles**

2. Select **Empty** > **Add**.

3. Enter the fields > **Options** > **Save**.

Editing profile

1. Press **Menu** > **MEdia Net** > **Profiles**
2. Select other profile > **Options** > **Edit**.

Viewing default profile

1. Press **Menu** > **MEdia Net** > **Profiles**
2. Select **MEdia Net** > **Options** > **View**.

Deleting profile

1. Press **Menu** > **MEdia Net** > **Profiles**
2. Select a profile > **Options** > **Delete**.

7. Settings

Language

Time and date

Ringtones

Decorating the display

Locks

To enable fixed dialing

Reset

TTY

Language

Setting up

1. Press **Menu** > **Settings** > **Phone** > **Language**.
2. Select the language > **Select**.

Time and date

Setting up

1. Press **Menu** > **Settings** > **Phone** > **Time & Date**.
2. Set the categories using [◁▷/∧∨] > **Save**.

Ringtones

Setting ringtones

1. Press **Menu** > **My Stuff** > **Audio**.
2. Select a file > **Options** > **Set as RingTone**.

Setting sound profile

1. Press **Menu** > **Settings** > **Sounds & Alerts**.
2. Select **Normal**, **Vibrate and Ring** , **Vibrate Only** or **Silent**.

Customizing the ringtone

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 for Normal and Vibrate and Ring profile.

8. Press **Menu** > **Settings** > **Sound & Alerts**.
9. Select **Normal** or **Vibrate and Ring**.
10. Press **Options** > **Customize**.
11. Select a category > set the options > **Save**.

Decorating the display

Setting the display

You can set the Wallpaper, Clocks, and Color Theme
1. Press **Menu** > **Settings** > **Display** > **Main Screen**.
Note: Your wallpaper images are in the Images folder. To access Images folder press Menu > My Stuff > Graphics > Images.

Setting the menu type

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

Setting the font

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

Setting the brightness

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

Note: Modifying brightness may affect battery life.

Setting time for backlight

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

Note: Modifying backlight time may affect battery life.

Locks

Locking the phone

1. Press **Menu** > **Settings** > **Security** > **Phone Lock**.
2. Select **On**.

NOTE: The default password is '1234'. To change the password press **Menu** > **Settings** > **Security** > **Change Password**.

Locking the PIN

The Personal Identification Number is the security code that protects the phone or SIM against unauthorized use.

1. Press **Menu** > **Settings** > **Security** > **PIN 1 Check**.
2. Enter PIN code > **OK**.

NOTE: To change the PIN code press **Menu** > **Settings** > **Security** > **Change PIN1**.

Changing PIN 2

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

To enable fixed dialing

Enabling

1. Press **Menu** > **Settings** > **Security > Fixed Dialing**.
2. Select **On** or **Off**.

*For details on **fixed dialing**, see page **21**.*

Reset

Resetting the phone

1. Press **Menu** > **Settings** > **Reset**
2. Enter password > **Master Reset**.

NOTE: It will return configuration settings to default. The default password is '1234'.

Clearing the phone

1. Press **Menu** > **Settings** > **Reset**
2. Enter password > **Master Clear**.

NOTE: It will change the setting as default and erase all personal data. The default password is '1234'.

TTY

The teletypewriter (TTY) is a telecommunications device that allows people who are deaf or hard of hearing, or who have speech or language disabilities, to communicate via a telephone.

Setting teletypewriter

1. Press **Menu** > **Settings** > **TTY**.
2. Select **Disabled**, **TTY Full**, **TTY Talk**, or **TTY Hear**.

- Disabled: TTY mode is disabled.

- TTY Full: User who cannot talk and hear sends and receives a text message.

- TTY Talk: User who can talk but cannot receive a text message and send voice message.

-TTY Hear: User who can hear but cannot talk sends a text message and receive voice message.

8. Appendix

Alert message

Troubleshooting checklist

Safety information

Safety precautions

About the battery usage

FCC Regulatory Compliance

Warranty

Alert 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 with a dry cloth. If it is out of order, take it to your service provider.

When the "Text Message Full" message appears:
The received or saved messages are full in your phone or SIM memory. You need to delete the message.

When the "Multimedia Message Full" message appears:
The saved messages are full in your phone memory. When you receive new message you will see "Multimedia Message Full. Move To Inbox?" You can move to inbox or 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 your service provider. You can still receive calls even if your mobile phone becomes locked after entering the incorrect PIN1 on three 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 your service provider.

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. Or your hand may be covering the microphone located below the [⇧] key.

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 Dialing**." 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 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 to drive safely. You should 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** > **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 device for which it is specified
- Only use the battery with a charging device that has been qualified with the device 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 device 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 service 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 Regulatory Compliance

FCC 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 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.

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated.   Phones that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.

M3 + M2 = 5   T3 + T2 = 5
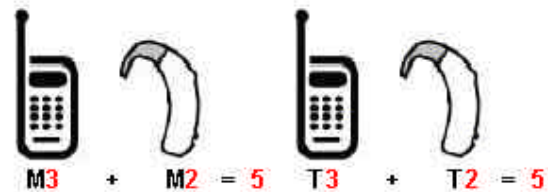
In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. See Page XX for instructions to disable these components.

Warranty

Protect Your Warranty

Read your Warranty carefully, with the special consideration to paragraph seven of the Limited Warranty for your unit.

"Warranty does not apply to... or to any product or part thereof which has suffered through alteration... mishandling, misuse, neglect or accident".

Many companies are making look alike accessories and in some cases, promoting that their product is equal to or better than the Pantech product. Be careful. Some of these products may not be compatible to use with your Pantech product and may damage the unit or cause it to malfunction.

If service is required on your unit and it is determined that a non-Pantech accessory has created the problem with your unit, the Warranty will not apply. In addition, if the unit has already suffered irreversible damage by reason of a non-compatible accessory, the Warranty will be voided. To protect your Warranty, use only compatible accessories which cannot damage or interfere with the functioning of your Pantech product.

12 Month Limited Warranty

Pantech Wireless, Inc. (the Company) warrants to the original retail purchaser of this Pantech handheld portable cellular telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) months period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The antenna, key pad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of

purchase. This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable.

This Warranty does not apply to:

(a) Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;

(b) Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.

(c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;

(d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;

(e) Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;

(f) Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the Company by calling the number listed below or to the place of purchase for repair or replacement processing.

To locate Pantech Authorized Service Center, call: (800) 962-8622 or email HandsetHelp@Pantech.com.

Please have the following information available when you send the phone in for repair:
 - A valid original Proof of Purchase
 - Return address
 - Daytime phone number or fax number
 - Model #
 - IMEI # (Look for the 15 digit IMEI # behind the battery of the device.)
 - Complete description of the problem
 - Transportation prepaid

Other Warranty Program

You may have other warranty program with your purchase, such as warranty exchange. If so, please refer to equipment package or the original point of sale.

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY.

ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

For technical support in the U.S. & Canada, call (800) 962-8622.

Or email: HandsetHelp@Pantech.com.

Or visit the web site: www.pantechusa.com

For all other inquiry, write to:

PANTECH WIRELESS, INC.

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