

# PANTECH P5000

## User Guide

Thank you for choosing the Pantech P5000.

The Pantech P5000 has many features designed to enhance your mobile experience. From its unique, stylish design and QWERTY keypad, we know you will enjoy the entire P5000 experience.

This User Guide contains important and useful information that will maximize your familiarity with all that the Pantech P5000 has to offer.

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# Specifications

## Design

QWERTY bar

## Displays

- 262k colors TFT LCD with 2.4" display
- 320\*240 resolution
- 5 lines for text in basic mode with 16-point font
- Two soft keys and four-way scroll and pressing (⊙)

## Melodies

.mp3, .midi, .mid, .iMelody, .wav, .mmf, .wma, .3gpa

## Camera

Integrated 2M CMOS Camera

- Resolution up to 1600 x 1200 (1,920,000 pixels)
- Mpeg4 Video recording/playing up to 15f/s (QVGA size)
- Self-timer function (5 seconds or 10 seconds)
- Photo album and video album

## Dimensions & Weight

- Weight: TBD (with standard battery)
- Dimensions: 115.9 mm x 61 mm x 9.95 mm

## Power Management (Performance)

Battery Type	Capacity	Standby Time	Talk Time
Standard Lithium-Ion (Li-ion)	1000mAh	Minimum 10 days (250 hrs)	Minimum 3 hrs

## Operating Frequency

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

# Phone overview

## Navigation

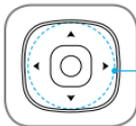
Up: Write New SMS

Down: **Contact**

Left: Mobile Email

Right: IM

Center: OK / Web



Speaker Phone Key

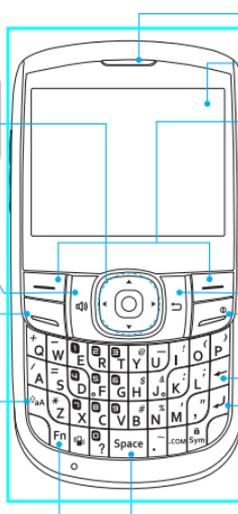
Send Key

CAPS/Shift key

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

Function key

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



Receiver

Display

Left/Right Soft key

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

Clear key

Return to previous screen or delete characters in text mode.

Power on/off / Menu exit key / End key

Turn phone on/off, end calls, exit menus.

Delete key

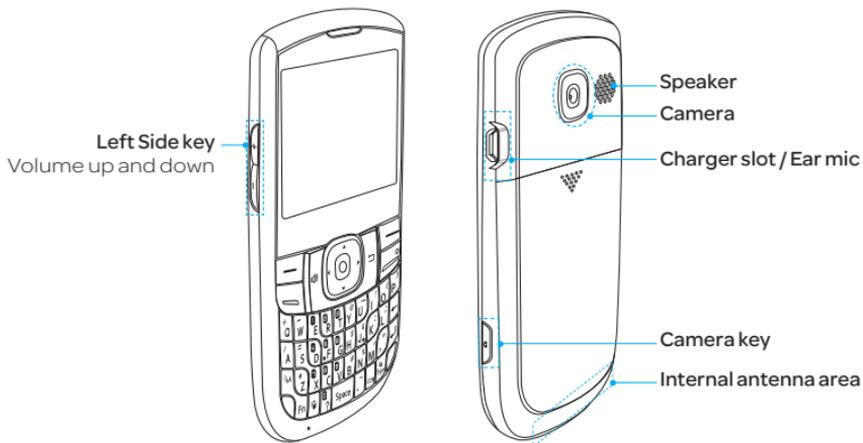
Press to delete a number or letter.

Enter key

Press to move to the next row.

Space key

Press to enter a space.



**note:** Holding the device by the internal antenna area might affect the quality of all calls.

## 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 Menu can be accessed by pressing the number keys ( to , , ) corresponding to their location on the screen.

Example: Accessing the **Language** menu.

1. Press **Menu**.
2. Press the  for **Settings**.
3. Press the  for **Phone**.
4. Press the  for **Language**.
5. Press **Select** for **Screen Text**.
6. Press the  or  scroll key to display the list of available languages.

 Messaging	 Mobile Email	 IM	 Web
 Address Book	 AppCenter	 App Manager	 AT&T GPS
 YPmobile	 My Stuff	 AT&T Music	 Settings

## Menu overview



### Messaging

- Conversations
- Create Message
- Mobile Email
- IM
- Outbox
- Drafts
- Voice Mail
- Settings
- Templates
- Used Space



### Mobile Email



### IM



### Web



### Address Book

- Contacts
- Groups
- Favorites
- Yellow Pages
- Settings

Fixed Dial Numbers  
My Phone Number  
Service Numbers



### AppCenter



### App Manager



### AT&T GPS

AT&T Navigator  
Where  
AllSport GPS  
Maps  
AT&T Family Map



### YPmobile



### My Stuff

Applications  
Audio  
Games  
Online Locker  
Picture  
Video  
Tools  
Other Files  
Used Space



### AT&T Music

Music Player  
Shop Music  
AT&T Radio



### Settings

Profiles  
Display  
Call  
Phone  
Network Connections  
Connectivity  
Security<sup>‡</sup>  
AT&T Software Update  
Reset  
TTY  
Phone Information

<sup>‡</sup>SIM dependent   <sup>¶</sup>Network dependent

## Quick & Easy

Keys	Functions
	Performs the functions shown at the bottom line of the display by using these soft keys.
	Scroll through the menu options in Menu mode. In standby mode, Left: Access <b>Mobile Email</b> menu Right: Access <b>IM</b> menu Up: Access <b>Create Message</b> menu Down: Access <b>Contacts</b> menu
	Works in Word search mode if pressed in the Predictive text input mode. Select a menu function or store user-input information, such as names. Also use this key for confirmation.
	Launches the <b>Web</b> directly if pressed in standby mode.
	Turns on the speaker mode.
	Deletes characters from the display, or return to previous menu.
	Sends or receives a call. Shows the recent call list in standby mode.
	Completes the current call. Turns on/off the phone if pressed and held. Cancels user input and return to main screen while in Menu mode.
	Quickly connects to the voice mail server if pressed and held in standby mode.
	Enters numbers, letters or special characters. Goes to the dial screen if pressed in standby mode.
	Enters or exits from vibrate mode if pressed and held in standby mode.

Keys	Functions
	Enters an international dialing prefix if pressed and held in standby mode.
	Changes various text input modes if pressed at the text-editing screen.
	Locks the keypad.
	Displays special characters that are not placed on the keypad.
	Adjusts the earpiece volume while making a call. Controls the Ringtone volume, vibrate mode and silent all mode in standby. Mutes the ringtone of an incoming call.
	Turns camera capture mode on. Works as a camera shutter in capture mode.

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**P5000**

# 1

## Getting Started

- SIM card and battery
- Turning the phone on/off
- Keypad unlock
- Essential display indications
- Memory card
- Assigning the menu
- Updating software
- Using the QWERTY key pad
- Using the Multitask menu

# 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.

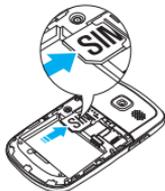
## About your battery

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. 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.

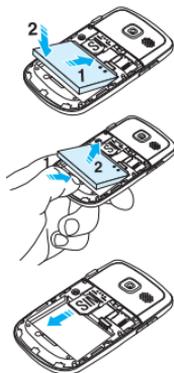
## Installing/removing SIM card and battery

1. Remove the battery cover from the unit.
2. To fit the battery cover, put it on the guide rail and push up.
3. Insert the SIM card into the slot. The gold contacts of the SIM card should go against the metal contacts of the phone.



Put the contacts of the battery into the hole located at the bottom of the unit insert and press the upper side of the battery until you hear the “click”. Make sure you align the gold contacts at the battery end with contacts on the phone. If the contacts at the battery are not properly aligned, damage could occur to the phone and the battery.

- To remove the battery, push the bottom of the battery to upwards (1) and remove (2) the battery. Push the SIM card in the direction of the arrow as shown.



## Charging your battery

- To charge connect the charger adapter as shown right. Make sure you align the connector as shown right. If not, it will damage the charging connector on the phone and will not charge.



- To remove the adapter connection, and pull the adapter away as shown right.



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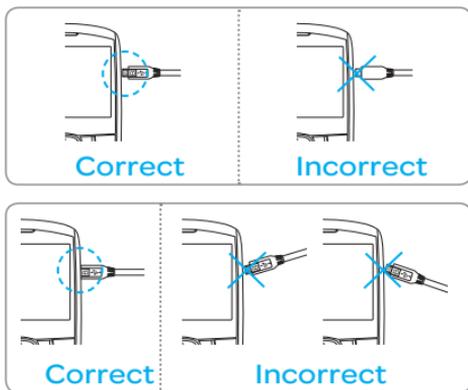
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## Turning the phone on/off

### To turn on

1. Press and hold .

### To turn off

1. Press and hold .

## Keypad unlock

### Unlocking the keypad

1. Press **Unlock** > **Yes**.

## Essential display indications

	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 <sup>a</sup> is active.
	Incoming calls set to ring only ( <b>Normal</b> ).
	Incoming calls set to <b>Vibrate and Ring</b> .
	Incoming calls set to <b>Vibrate Only</b> .
	Incoming calls set to <b>Silent</b> .
	<b>Flight Mode</b> 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 configuration messages.
	Received one or more voice messages.
	A message is being sent.
	A message is being received.
	An alarm is set.
	<b>Appointment</b> Alarm is set.
	Browser is Active, Secured and being downloaded.
	Bluetooth is active.
	Bluetooth hands-free headset is connected.
	Bluetooth A2DP headset is connected.
	Bluetooth hands-free + A2DP headset is connected.

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	Data transfer via Bluetooth.
	Headset is connected.
	USB is connected.
	TTY is active.
	A GPRS signal is available. It is displayed when there is an active GPRS session.
	An EDGE signal is available. It is displayed when there is an active EDGE session.
	microSD card is inserted.
	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.
	BGM is play, pause and being stopped.

<sup>a</sup>Network dependent

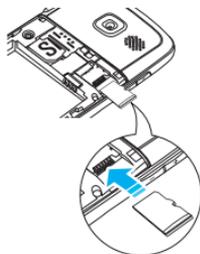
## Memory card

You can use a microSD card as a memory card.

It gives you more space to save pictures, videos, music, etc.

### Inserting and removing a memory card

1. Open the memory card slot.
2. Insert the card. The  icon will be displayed.
3. Press the card to remove.



## Using a memory card

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

### Resetting a memory card

1. Select **Menu** > **Settings** > **Reset**.
2. Enter the password.
3. Select **External Memory Reset** > **Yes**.

**note:** The default password is '1234'.

### Copying or moving a file to the card

1. Select **Menu** > **My Stuff**.
2. Select a file > **Options** > **Copy** or **Move**.
3. Press ► to select **Memory**.
4. Select a folder > **Copy here** or **Move here**.

### Copying or moving a file to the phone

1. Select **Menu** > **My Stuff**.
2. Select a file > **Options** > **Copy** or **Move**.
3. Press ► to select **Phone**.
4. Select a folder > **Copy here** or **Move here**.

### To delete a file from the card

1. Select a file > **Options** > **Delete**.

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

1. Connect the data cable with mobile and the computer.
2. Select **Menu** > **Settings** > **Connectivity**.

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3. Select **Select USB Mode**.
4. Select **Music Player**, **Mass Storage**, **Modem** or **Ask on Connection**.
5. Follow the instructions on your computer screen.

**note:** Select **Music Player** when you want to add music to the playlist in your device. When you select **Ask on Connection**, it will ask you to select either the **Music Player** or **Mass Storage** every time you connect your device with your computer.

## Assigning the menu

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

1. Select **GO TO** > **Unassigned**.
2. Select **Add**.
3. Select the menu and sub menu.

## Updating software

You can update your software without visiting your nearest dealer.

### To update the software

1. Select **Menu** > **Settings** > **AT&T Software Update**.
2. Select **Check for Update** > **Yes** to check whether or not you need to update the software.

**note:** After downloading the software, the device will ask you whether to update the software now or later. If you choose to update the software now, it will restart the handset. If you postpone updating the software, you can select between 30 mins, 1 hour or 4 hours in the **Options**. After selecting the updating time, you will be sent back to standby mode. If you go to **Software Update** while you are in postponing, press **Continue Update**.

### To view the version of software

1. Select **Menu** > **Settings** > **Phone Information**.
2. Press ▲/▼ to view **Software Version**.

## Using the QWERTY keypad

Your phone has a QWERTY keypad which provides a superior typing experience on a small handheld for easy and comfortable texting. 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 text input mode.
	Press to type a special character or number. To enter symbols and numbers continually, press until  displays.
	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.
	Press to type a special character that is not placed on the keypad.

## Using the Multitask menu

Press and hold  to launch the Multitask menu that can be accessed from any active window or page on the phone. There is no need to stop what you are doing, if you want to jump out and activate another common feature. The idea is to allow you to temporarily exit from your current location to access a group of common functions such as: Call, Messaging, Mobile Web, Music player and Games & Apps. This key keeps you from having to completely exit from your current task or window, whether that be a text message, a web page, or an active call, to do something else.

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## Multitask functions

To use the multitask function, press and hold . You can choose from one of the following functions:

- **Call:** Makes a voice call while using the handset for other tasks. If Music Player is active, it is muted during the call.
- **Coversations:** Sends a text or multimedia message while using the handset for other tasks.
- **Web:** Launches the browser while using the handset for other tasks.
- **Music Player:** Launches the Music Player while using the handset for other tasks. If an incoming call is received or you want to make a call, the Music Player is muted.
- **Applications:** Accesses Games and Applications while using the handset for other tasks.

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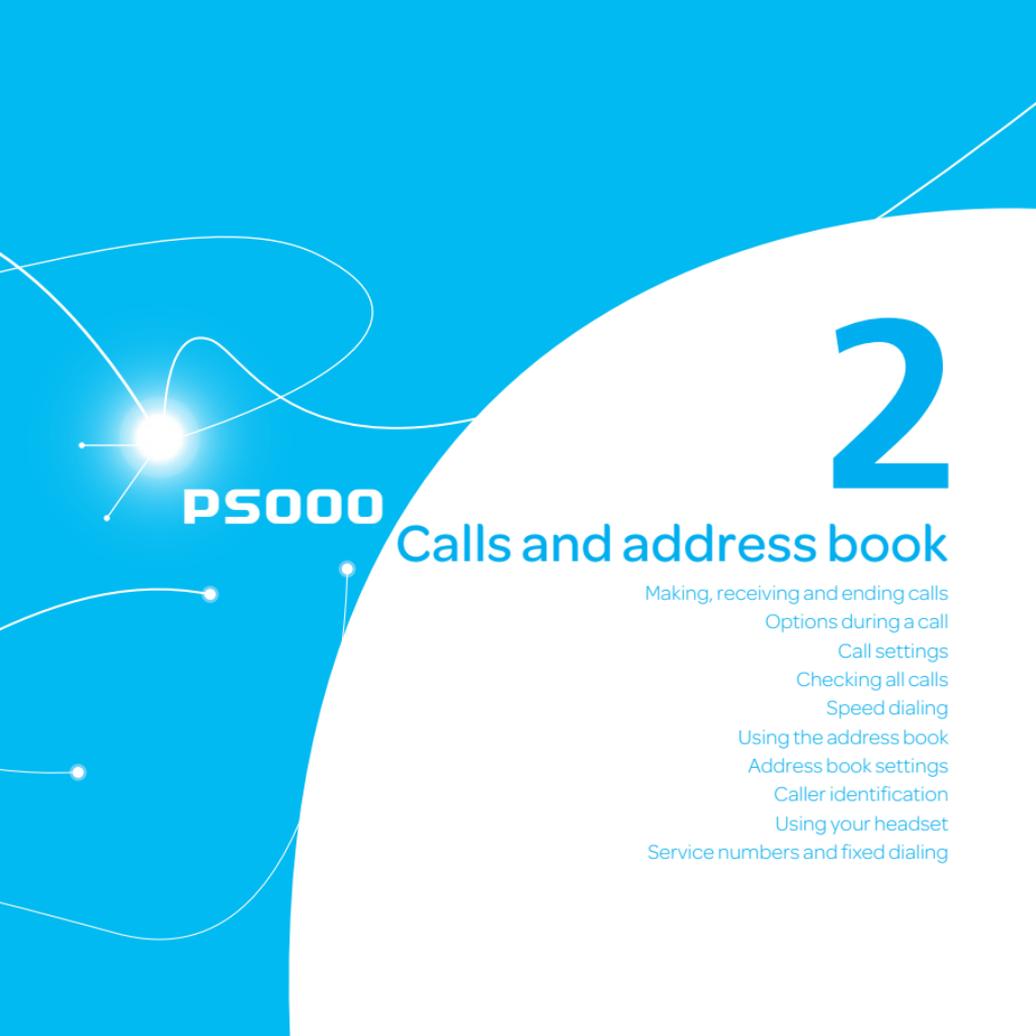
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**PS000**

# 2

## Calls and address book

- Making, receiving and ending calls
  - Options during a call
    - Call settings
  - Checking all calls
  - Speed dialing
- Using the address book
  - Address book settings
  - Caller identification
  - Using your headset
- Service numbers and fixed dialing

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# Making, receiving and ending calls

## Making a call

1. Enter the area code and phone number.
2. Press .

## Answering a call

1. Press .

## Ending a call

1. Press .

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

## Rejecting a call

1. Press or select **Ignore**.

## Making a call using the 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**, or **Call Ranking** by 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 .

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

## Making an emergency call

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

1. Press Emergency Number, or select **SOS** if your phone does not have a SIM card.
2. Press .

## Replying to a missed call

1. Select **View** to display the list of missed calls.
2. Select a number to call by pressing the ▲/▼.
3. Press .

## Answering a second call<sup>a</sup>

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

#### Switching your phone's microphone off

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1. Select **Options** > **Mute**.

## Switching your phone's microphone back on

1. Select **Options** > **Unmute**.

## Talking on speaker

1. Select **Speaker Phone** .

## Putting a call on hold and returning<sup>n</sup>

### Putting a call on hold

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

### Returning to a held call

1. Select **Options** > **Unhold** or press  again.

## Multi-party calls<sup>n</sup>

You can talk with more than one person or have 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. Select **Options** > **Join**.

### Having a private conversation with one participant

1. Select **Options** > **Split**.
2. Select a participant > **Select**.

### Removing one participant from a multi-party call

1. Select **Options** > **End**.
2. Select a participant and select **Select**.

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

## Searching for a number in the address book during a call

1. Press ▼ and select **Contacts**.
2. Select a number.
3. Press Ⓞ.

## Searching for a name in the 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 the address book

1. Press the ▲/▼.

## Viewing the details of the highlighted entry in the address book

1. Select **Select**.

*For details on address book, see page 35.*

## Reading a message during a call

1. Select **Options** > **View Message**.
2. Select a message > **View**.

## Sending a message during a call

1. Select **Options** > **Send Message**.

*For details on creating a text message, see page 44.*

## Viewing the calendar during a call

1. Select **Options** > **View Calendar**.

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## Making a note during a call

1. Select [Options](#) > [Notepad](#).

## Voice recording

1. Select [Options](#) > [Voice Recording](#).

# Call settings

## Setting auto redial

1. Select [Menu](#) > [Settings](#) > [Call](#) > [Auto Redial](#).
2. Select [On](#) or [Off](#).

## Answering by pressing any key

1. Select [Menu](#) > [Settings](#) > [Call](#) > [Any Key Answer](#).
2. Select [Answer with Any Key](#).

**note:** You can answer with any key except  and [Ignore](#).

## Answering by pressing send key

1. Select [Menu](#) > [Settings](#) > [Call](#) > [Any Key Answer](#).
2. Select [Answer with Send Key](#).

## Checking all calls

You can view information about all [Recent Calls](#). For more options for all, missed, received, dialed calls, or call ranking, select [Options](#).

You can also view the call history simply by pressing .

## Viewing missed calls

1. Select [GO TO](#) or select [Menu](#) > [My Stuff](#) > [Tools](#)

2. Select [Recent Calls](#) > [Missed Calls](#).

## Viewing received calls

1. Select [GO TO](#) or select [Menu](#) > [My Stuff](#) > [Tools](#).
2. Select [Recent Calls](#) > [Received Calls](#).

## Viewing dialed calls

1. Select [GO TO](#) or select [Menu](#) > [My Stuff](#) > [Tools](#).
2. Select [Recent Calls](#) > [Dialed Calls](#).

## Viewing call rankings

1. Select [GO TO](#) or select [Menu](#) > [My Stuff](#) > [Tools](#).
2. Select [Recent Calls](#) > [Call Ranking](#).

## Deleting call logs

1. Select [GO TO](#) or select [Menu](#) > [My Stuff](#) > [Tools](#).
2. Select [Recent Calls](#) > [Delete Call Logs](#).
3. Select [All Calls](#) > [Delete](#).

## Viewing call time

1. Select [GO TO](#) or select [Menu](#) > [My Stuff](#) > [Tools](#).
2. Press [Recent Calls](#) > [Call Time](#).
3. Select ▲/▼ to view [Last Call](#), [Received Calls](#), [Dialed Calls](#) and [Total Calls](#).

## Resetting all call times

1. Select [GO TO](#) or select [Menu](#) > [My Stuff](#) > [Tools](#).
2. Select [Recent Calls](#) > [Call Time](#).
3. Select [Reset](#) > [Yes](#).

4. Enter the password > **OK**.

**note:** The default password is '1234'.

## Viewing data transmitted information

1. Select **GO TO** or press **Menu** > **My Stuff** > **Tools**.
2. Select **Recent Calls** > **Packet Counter**.
  - **Current Info:** You can view transmitted data in the current session, in kilobytes. **Sent**, **Received** and **Total** information are also available.
  - **Last Info:** You can view **Sent**, **Received**, **Total** and **Duration** information of the previous session's transmitted in kilobytes.
  - **Total Info:** You can view all the **Sent**, **Received**, **Total** and **Duration** transmitted data in kilobytes.
  - **Clear Logs:** The default password is '1234'.

## Speed dialing

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

 : Voice mail

 : Prefix for international call

## Setting speed dial

1. Select **Menu** > **Address Book** > **Settings** > **Speed Dial**.
2. Select an empty entry > **Add**.
3. Select a person > **Select**.

## Changing speed dial contact

1. Select **Menu** > **Address Book** > **Settings** > **Speed Dial**.

2. Select a number > **Change**.

3. Select a person > **Select**.

## Removing from speed dial

1. Select **Menu** > **Address Book** > **Settings** > **Speed Dial**.

2. Select a number > **Remove** > **Yes**.

## Using the address book

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

## Viewing the contact list

1. Press ▼ or select **Menu** > **Address Book** > **Contacts**.

## Searching for a phone number

1. Press ▼ or select **Menu** > **Address Book** > **Contacts**.

2. Input the first letter or two of the person's name and scroll with ▲/▼.

3. Select **Select** to view the detailed information.

4. To update information, select **Options** > **Edit Contact**.

## Calling from the contact list

1. Press ▼ or select **Menu** > **Address Book** > **Contacts**.

2. Select a person to call.

3. Press .

## Forwarding contact details

1. Press ▼ or select **Menu** > **Address Book** > **Contacts**.

2. Select a contact > **Options** > **Share Contact Info**.

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3. Select [All Contact Info](#), [Personal Contact](#), or [Business Contact](#).
4. You can send the information using [via Message](#) or [via Bluetooth](#).

## Deleting a contact

1. Press ▼ or select [Menu](#) > [Address Book](#) > [Contacts](#).
2. Select a contact > [Options](#) > [Delete](#).

## Deleting more than one contact

1. Press ▼ or select [Menu](#) > [Address Book](#) > [Contacts](#).
2. Select a contact > [Options](#) > [Delete Contacts](#).
3. Select contacts to delete.
4. Select [Delete](#) > [Yes](#).

## Adding a contact

1. Select [Menu](#) > [Address Book](#) > [Contacts](#) > [Options](#) > [Add New Contact](#).
2. Input the fields.
3. Select [Save](#).

## Adding a contact to Favorites or Groups

1. Select [Menu](#) > [Address Book](#) > [Contacts](#).
2. Select a contact > [Options](#) > [Add to](#).
3. Select [Favorites](#) or [Groups](#).

## Making & Editing groups

1. Select [Menu](#) > [Address Book](#) > [Groups](#).
2. To add new group, select [Options](#) > [Add New Group](#).
3. [To edit group, select a group > Options > Edit Group > Add New Members, Edit Group or Remove Members.](#)

- To delete group, select [Options](#) > [Delete Group](#).

## Checking a contact on the map

- Select [Menu](#) > [Address Book](#) > [Contacts](#).
- Select a contact and then a phone number.
- Select [Options](#) > [Show on Map](#).

## Sharing Map contact

- Select [Menu](#) > [Address Book](#) > [Contacts](#).
- Select a contact and then a phone number.
- Select [Options](#) > [Share Map](#).

*When sending the contact's map, the message will include the WAP URL for the map, address, a text note, or a vCard.*

## Address book settings

### Managing my contact info

- Select [Menu](#) > [Address Book](#) > [Settings](#) > [My Contact Info](#).

### Setting the sort order

- Select [Menu](#) > [Address Book](#) > [Settings](#) > [Display Order](#).
- Select [First Name](#) or [Last Name](#).

### Setting SIM management

- Select [Menu](#) > [Address Book](#) > [Settings](#) > [SIM Management](#).

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## Setting the location to view contacts from

1. Select **Menu** > **Address Book** > **Settings** > **View Contacts from**.
2. Select **Phone, SIM**, or **Phone and SIM**.

## Setting the location to save contacts to

1. Select **Menu** > **Address Book** > **Settings** > **Save Contacts to**.
2. Select **Phone, SIM**, or **Always Ask**.

## Caller identification

### Caller identification<sup>a</sup>

1. Select **Menu** > **Settings** > **Call** > **Display My Number**.
2. Select **Network Default, Show** or **Hide**.

## Using your headset

You can make 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 must use the headset designed for this device. It is an optional accessory. Not all headsets will have a button.

### While in standby mode

1. Press the button once to list recent calls.
2. Press the button twice to redial the last call.

## Service numbers and fixed dialing

### Calling your service numbers<sup>§</sup>

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

1. Press ▼ or select **Menu > Address Book > Contacts**.
2. Select **ATT Services**.
3. Select a number.
4. Press .

### Viewing the 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. Select **Menu > Address Book > Fixed Dial Numbers**.
2. Select a number > press .

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

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**PS000**

# 3

## Messaging

- Entering text
- Receiving messages
- Creating and sending text messages
- Creating multimedia messages
- Message templates
- Message settings
- Managing memory
- Email
- Using instant messenger

## Entering text

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

### Useful keys

	Display symbols
	Adding space
	Press to change capital mode
	Press to change ab Ab AB and press to change from multi to predictive to Number
	<i>Multi-tap</i>    (all small caps / first letter caps / all caps)
	<i>Predictive</i>    (all small caps / first letter caps / all caps)
<i>Number</i> 	

For details on using QWERTY keypad, see page 23.

### Predictive mode

The predictive mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word. It will display the most commonly used word first.

1. Select  to change the mode to predictive.
2. Select  to  to input text.

For example, to write 'hello' press    and press  5 times.

### Alphabet input mode

1. Select  to change the mode as multi-tap.
2. Select  to  to input text repeatedly.

### Numeric mode

You can input numbers in this mode.

1. Select  to change the mode to 123.
2. Select  to  and  to input numbers.

## Symbol mode

You can input symbols.

1. Select  to view the symbols.
2. Press /// to select symbol and select **Insert**.

## Receiving messages

### Viewing a new message

1. Select **View**.

### Reading a message from the inbox

1. Select **Menu** > **Messaging**.
2. Select a received message > **View**.

### Saving the contact information from a received message

1. Select a received message > **View**.
2. Select **Options** > **Save to Contacts**.
3. Select **as New Contact** or **to Existing Contact**.

### Saving the object in a received multimedia message

1. Open the multimedia message.
2. Select an object.
3. Select **Options** > **Use** > **Save**.

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

*For details on photo album, see page 60.*

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## Listening to voice message

1. Press and hold  or press [Menu](#) > [Messaging](#) > [Options](#) > [Voice Mail](#).

It will automatically call the voice mail center.

## Loading URL using Push message

1. Select [Menu](#) > [Messaging](#) > [Web Messages](#) > [View](#).
2. Select [Options](#) > [Load URL](#).

## Saving connection settings using configuration message

1. Select [Menu](#) > [Messaging](#) > [Configuration Messages](#) > [View](#).
2. Select [Options](#) > [Install](#).

# Creating and sending text messages

## Sending a new text message

1. Press  or select [Menu](#) > [Messaging](#) > [New](#).
2. Enter the message.
3. To save the message as draft, select [Options](#) > [Save the Message](#).
4. Select [Options](#) > [Sent to](#).
5. Select the person to send message.
6. Select [Done](#) > [Send](#).
7. To view the sent message, select [Menu](#) > [Messaging](#) > [Conversations](#).
8. Select a recipient > [Select](#) > [View](#).

**note:** All successfully sent messages will be saved in [Conversations](#).

## Finding all sent messages

1. Select [Menu](#) > [Messaging](#).

## Replying to a message

1. Select **Menu** > **Messaging**.
2. Select a message > **View** > **Reply**.

Or select quick reply editor on the conversation.

## Creating multimedia messages

You can create and send multimedia messages. Capacity is 100Kb, 300Kb, 600Kb an error message will alert you once you exceed the capacity.

### Adding a saved picture to the message

1. Press ▲ or select **Menu** > **Messaging** > **New**.
2. Enter a message.
3. Select **Options** > **Insert** > **Picture** > **My Picture**.
4. Scroll to the saved picture and select **View** > **Select**.
5. To preview the current page, press ▲/▼ to select the slide box and **Options** > **Preview** > **Current** or **Whole Message**.  
To go back to text editor page, select **Back**.
6. To edit the text message, press ▲/▼ to select the text box.
7. Select **Send to** and select the person to send message and select **Select**.
8. Select **Send**.

### Adding a new picture to the message

1. Press ▲ or select **Menu** > **Messaging** > **New**.
2. Enter a message.
3. Select **Insert** > **Take New Picture**.
4. Focus on the object > **⊙**.
5. To preview the current page, press ▲/▼ to select the slide box and **Options** > **Preview** > **Current** or **Whole Message**. To go back to text editor page, select **Back**.

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6. To edit the text message, press ▲/▼ to select the text box.
7. Select **Send to** and select the person to send message and select **Select**.
8. Select **Send**.

*For taking a picture, see page 57.*

## Adding a saved video to the message

1. Press ▲ or select **Menu > Messaging > New**.
2. Enter a message.
3. Select **Options > Insert > Video > My Video**.
4. Scroll to the saved video clip and select **Play > Select**.
5. **To preview the current page, press ▲/▼ to select the slide box and Options > Preview > Current or Whole Message.**  
**To go back to text editor page, select Back.**
6. To edit the text message, press ▲/▼ to select the text box.
7. Select **Send to** and select the person to send message and select **Select**.
8. Select **Send**.

## Adding a new video to the message

1. Press ▲ or select **Menu > Messaging > New**.
2. Enter a message.
3. Select **Options > Insert > Video > Create Video**.
4. Focus on the object > .
5. To stop recording and save, select **Stop**.
6. To edit the text message, press ▲/▼ to select the text box.
7. **To preview the current page, press ▲/▼ to select the slide box and Options > Preview > Current or Whole Message.** **To go back to text editor page, select Back.**
8. Select **Send to** and select the person to send message and select **Select**.

9. Select **Send**.

*For recording a video, see page 58.*

## Adding a recorded voice memo to the message

1. Press ▲ or select **Menu > Messaging > New**.
2. Enter a message.
3. Select **Options > Insert > Audio > My Audio**.
4. Scroll to the saved audio clip and select **Play > Select**.
5. To edit the text message, press ▲/▼ to select the text box.
6. To preview the current page, press ▲/▼ to select the slide box and **Options > Preview > Current** or **Whole Message**. To go back to text editor page, select **Back**.
7. Select **Pause** to stop listening.
8. To preview the whole message, select **Options > Preview > Current** or **Whole Message**. To go back to text editor page, select **Back**.
9. Select **Send to** and select the person to send message and select **Select**.
10. Select **Send**.

## Adding a new voice memo to the message

1. Press ▲ or select **Menu > Messaging > New**.
2. Enter a message.
3. Select **Insert > Audio > Record Audio**.
4. To start recording, select **Record**.
5. To stop and save select **Stop**.
6. To edit the text message, press ▲/▼ to select the text box.
7. To preview the current page, press ▲/▼ to select the slide box and **Options > Preview > Current** or **Whole Message**. To go back to text editor page, select **Back**.
8. Select **Pause** to stop listening.

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9. Select **Resume** to replay.
10. Select **Send to** and select the person to send message and select **Select**.
11. Select **Send**.

*For recording a voice memo, see page 77.*

## Adding other files to the message

1. Press ▲ or select **Menu > Messaging > New**.
2. Enter a message.
3. Select **Insert > Other > Files**.
4. Select a file and select **Select**.
5. To edit the text message, press ▲/▼ to select the text box.
6. To preview the current page, press ▲/▼ to select the slide box and **Options > Preview > Current or Whole Message**. To go back to text editor page, select **Back**.
7. Select **Send to** and select the person to send message and select **Select**.
8. Select **Send**.

## Message templates

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

### Adding the message as a template

1. Select **Menu > Messaging > Options > Templates**.
2. Select **Options > Add New**.
3. Enter the frequently used message.
4. Select **Options > Save the Message**.

### Sending a message with template

1. Select **Menu > Messaging > Options > Templates**.
2. Select the message to send and select **Select**.

3. Select **Options** > **Send to** to add more messages.
4. Select the person to send message and select **Done**.
5. Select **Send**.

**note:** You can add a template while entering a message. Enter a message > **Insert** > **Ohters** > **Templates**. Select the message to add.

## Message settings

### Setting message center

1. Select **Menu** > **Messaging** > **Options** > **Settings**.
2. Select **Text Message**.
3. Enter new **Center Address**.
4. Select **Save**.

### Setting e-mail gateway

1. Select **Menu** > **Messaging** > **Options** > **Settings**.
2. Select **Text Message**.
3. Enter new **Email Gateway** for sending text message by email address.
4. Select **Save**.

### Setting profiles for multimedia message

1. Select **Menu** > **Messaging** > **Options** > **Settings**.
2. Select **Multimedia Message** > **MMS Profiles**.
3. Select a profile.

### Setting for sending multimedia message

1. Select **Menu** > **Messaging** > **Options** > **Settings**.
2. Select **Multimedia Message** > **Sending Options**.

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3. You can set the [Creation Mode](#) and [Max Message Size](#).

## Setting for receiving multimedia message

1. Select [Menu](#) > [Messaging](#) > [Options](#) > [Settings](#).
2. Select [Multimedia Message](#) > [Receiving Options](#).
3. You can set the [Automatic Download](#).

## Setting for receiving voice message

1. Select [Menu](#) > [Messaging](#) > [Options](#) > [Settings](#).
2. Select [Voice Mail](#).
3. Enter the number of the voice mail center > [Save](#).

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

## Setting for auto delete message

When message memory capacity (Max. 200 messages) is full, the oldest message will be deleted automatically.

1. Select [Menu](#) > [Messaging](#) > [Options](#) > [Settings](#).
2. Select [Auto Delete](#).
3. Select [On](#) or [Off](#).

## Managing memory

Up to **300** messages can be stored in the phone memory, additional messages will be saved to the SIM card.

When the message box is full the messages full icon will appear. All messages share memory.

When	It means
	Text messages are full (SIM and Phone messages)

## Moving a message to SIM

1. Select **Menu** > **Messaging**.
2. Select a recipient > **View**.
3. Select a message > **Options** > **Move to SIM**.

## Deleting a message in the conversation

1. Select **Menu** > **Messaging**.
2. Select a message > **Options** > **Delete** > **Yes**.

## Deleting all messages in the conversations

1. Select **Menu** > **Messaging**.
2. Select a message > **Options** > **Delete Messages**.

## Viewing memory space information

1. Select **Menu** > **Messaging** > **Memory**.
2. Press ◀/▶ to view **SIM** and **Phone** memory.

## Email

You can receive emails from your service provider.

## Receiving an email

1. Select **Menu** > **Mobile Email**.
2. Select an email > **Select**.

## Using instant messenger

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

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## Starting an instant messenger

1. Select **Menu > IM**.
2. Select the IM application > **OK**.
3. Enter login and password.
4. Select **Sign In**.

## Viewing the conversation log

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

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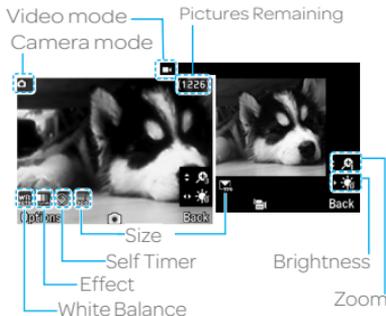
# 4

## Multimedia

- Camera
- Photo album
- Video album
- Audio album
- Music player
- Music player settings
- Media player
- Other files
- Managing 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 messages, Bluetooth, and Online Locker.



## Setting camera settings

1. Select **Menu** > **My Stuff** > **Tools**.
2. Select **Camera**.
3. Select **Options** > **Settings** to change settings prior to taking a picture.

## In the options menu for camera

Icons	Name	Description
	White Balance	Auto (  ), Day Light (  ), Tungsten (  ), Fluorescent (  )
	Effect	Normal (  ), Sepia (  ), Negative (  ), B&W (  )
	Self Timer	Off (  ), 5 secs (  ), 10 secs (  )
	Picture Size	1280x1024 (  ), 1024x768 (  ), 640x480 (  ), 320x240 (  )
	Advanced	Picture Quality, Save Location, Shutter Sound, Timer Sound, Default File Name

## In the options menu for video camera

Icons	Name	Description
	White Balance	Auto () , Day Light () , Tungsten () , Fluorescent ()
	Effect	Normal () , Sepia () , Negative () , B&W ()
	Self Timer	Off () , 5 secs () , 10 secs ()
	Resolution	176x144(MMS) () , 176x144 () , 320x240 ()
	Advanced	Video Quality, Sound Recording, Save Location, Timer Sound, Default File Name

## Zoom in and out

1. Press ▲/▼. It ranges from 1x to 4x.

## Increasing or decreasing the brightness

1. Press ◀/▶. It ranges from -2 to +2.

## Taking a picture

1. Press in standby mode or select **Menu > My Stuff > Tools > Camera**.
2. Focus on the object and press .
3. Select **Options > Capture**.

**note:** Your photo will be saved automatically to **My Stuff > Picture > Camera**.

## Changing to video camera mode

1. Press in standby mode or select **Menu > My Stuff > Tools > Camera**.
2. Select **Options** while camera mode is activated.
3. Select **Video Camera Mode**.
4. Focus on the object and press .

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5. **Options** > **Record**.
6. Record the motion.
7. Select **Stop**.

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

## Viewing the taken picture

1. Press  in standby mode or select **Menu** > **My Stuff** > **Tools** > **Camera**.
2. Select **Options** > **Photo Album**.
3. Select a picture > **Play**.

## After taking pictures

To	Press
Send a multimedia message	<b>Options</b> > <b>Send</b> > <b>via Message</b>
Send via bluetooth	<b>Options</b> > <b>Send</b> > <b>via Bluetooth</b>
Send via Online Locker	<b>Options</b> > <b>Send</b> > <b>to Online Locker</b>
Set as wallpaper	<b>Options</b> > <b>Set as</b> > <b>Wallpaper</b>
Set as Contact photo	<b>Options</b> > <b>Set as</b> > <b>Contact photo</b>
Delete	<b>Options</b> > <b>Delete</b>
Rename	<b>Options</b> > <b>Rename</b>
View photo information	<b>Options</b> > <b>Properties</b>

## Recording a video

1. Select **Menu** > **My Stuff** > **Tools** > **Video Camera**.
2. Focus on the object and press .
3. Select **Options** > **Record**.
4. Select **Stop** to stop.

5. Select **Options > Play** to play the video clip.
6. Press  to go back to preview mode.

## Changing to camera mode

1. Select **Menu > My Stuff > Tools > Video Camera**.
2. Select **Options** while video camera mode is activated.
3. Select **Camera Mode**.

*For details on taking a picture, see page 57.*

## Viewing the recorded video clip

1. Select **Menu > My Stuff > Tools > Video Camera**.
2. Select **Options > Video Album**.
3. Select a video clip > **Play**.

## After saving recorded video clips

To	Press
Send a multimedia message	<b>Options &gt; Send &gt; via Message</b>
Send via bluetooth	<b>Options &gt; Send &gt; via Bluetooth</b>
Send via mobile share	<b>Options &gt; Send &gt; to Online Locker</b>
View recorded video clip	<b>Options &gt; Play</b>
Delete	<b>Options &gt; Delete</b>
Rename	<b>Options &gt; Rename</b>
View the information	<b>Options &gt; Properties</b>

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## During recording a video

	To	Press
Receive an incoming call		
Pause and record continuously		<a href="#">Pause</a>
Stop recording		<a href="#">Stop</a>

## Photo album

You can save photos to your phone or an external memory card and view, send or delete them in the photo album. JPEG format is supported, and other formats are saved in the [Picture](#) folder.

**note:** To access [Picture](#), select [Menu](#) > [My Stuff](#) > [Picture](#).

### Viewing the saved pictures

1. Select [Menu](#) > [My Stuff](#) > [Picture](#).
2. Select a picture > [View](#).

### Viewing zoom mode

1. Select [Menu](#) > [My Stuff](#) > [Picture](#).
2. Select a picture > [View](#) > [Options](#) > [Zoom](#).

### Setting as wallpaper in the display

1. Select [Menu](#) > [My Stuff](#) > [Picture](#).
2. Select a picture > [Options](#) > [Set as](#) > [Wallpaper](#).

### Setting as contact photo

1. Select [Menu](#) > [My Stuff](#) > [Picture](#).
2. Select a picture > [Options](#) > [Set as](#) > [Contact photo](#).

## Sending pictures using message

1. Select **Menu** > **My Stuff** > **Picture**.
2. Select **Options** > **Send** > **via Message**.

*For details on creating a message, see page 44.*

## Sending pictures via bluetooth

1. Select **Menu** > **My Stuff** > **Picture**.
2. Select a picture.
3. Select **Options** > **Send** > **via Bluetooth**.

## Sending pictures to Online Locker

1. Select **Menu** > **My Stuff** > **Picture**.
2. Select a picture.
3. Select **Options** > **Send** > **to Online Locker**.

## Deleting multiple pictures

1. Select **Menu** > **My Stuff** > **Picture**.
2. Select **Options** > **Multiple Select**.
3. Select **Select** to select more than one picture.
4. Select **Deselect** to unselect.
5. Select **Options** > **Delete**.

## Viewing file information

1. Select **Menu** > **My Stuff** > **Picture**.
2. Select a picture.
3. Select **Options** > **Properties**.

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## Video album

You can view, send, save and delete videos.

The supported formats are MP4, WMA, 3GP and 3G2.

### Playing the saved video clips

1. Select **Menu** > **My Stuff**.
2. Select **Video**.
3. Select a video clip > **Play**.

### Using video player controls

To	Press
Play & Pause	
Stop	<b>Options</b> > <b>Stop</b>
Mute	<b>Options</b> > <b>Mute</b>
Rewind	hold 
Fast forward	hold 
Control volume	Side key up or down or  / 
Repeat On	<b>Options</b> > <b>Repeat On</b>
Properties	<b>Options</b> > <b>Properties</b>

### Sending a video clip using message

1. Select **Menu** > **My Stuff**.
2. Select **Video**.
3. Select a video clip.
4. Select **Options** > **Send** > **via Message**.

*For details on creating a message, see page 44.*

## Sending video clip via bluetooth

1. Select **Menu** > **My Stuff**.
2. Select **Video**.
3. Select a video clip.
4. Select **Options** > **Send** > **via Bluetooth**.

*For details on creating a message, see page 44.*

## Sending video clips to Online Locker

1. Select **Menu** > **My Stuff** > **Video**.
2. Select a video clip.
3. Select **Options** > **Send** > **to Online Locker**.

## Deleting multiple video clips

1. Select **Menu** > **My Stuff**.
2. Select **Video**.
3. Select **Options** > **Multiple Select**.
4. Select **Select** to select more than one video.
5. Select **Deselect** to unselect.
6. Select **Options** > **Delete**.

## Audio album

You can play, send, delete, moves to external memory or to phone the saved sounds. The supported formats are .qcp, .amr, .mid, .pmd, .mp3, .wav, .mmf, .aac, .m4a, .imy, .wma, .midi, .3gpa, .spmid and .mp4a.

## Listening to the recorded sound

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

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2. Select **My Voice**.
3. Select a sound > **Play**.

## Using sound controls

	To	Press
	Play & Pause	
	Stop	<b>Options</b> > <b>Stop</b>
	Mute	<b>Options</b> > <b>Mute</b>
	Rewind	hold 
	Fast forward	hold 
	Control volume	Side key up or down or 
	Repeat On	<b>Options</b> > <b>Repeat On</b>
	Properties	<b>Options</b> > <b>Properties</b>

## Setting as a ring tone

1. Select **Menu** > **My Stuff** > **Audio**.
2. Select a sound > **Options** > **Set as Ring Tone**.

**note:** The maximum ringtone file size is 300KB.

## Moving or copying multiple sounds to external memory

1. Select **Menu** > **My Stuff** > **Audio**.
2. Select a sound and select **Options** > **Multiple Select**.
3. Select **Select** to select more than one sound file.
4. Select **Options** > **Copy** or **Move**.

The selected sound will copy to **Audio** folder in external memory card.

5. Select **Memory** and select a folder to save in.

6. Select [Copy here](#) or [Move here](#).

## Sending a sound file using message

1. Select [Menu](#) > [My Stuff](#) > [Audio](#).
2. Select a sound file.
3. Select [Options](#) > [Send](#) > [as Message](#).

## Music player

You can listen to music on your phone through the Music Player. The Music Player is only compatible with and can play the following audio types saved in MP3, .AAC, .AAC+, and .WMA.

When	It means
	Music is playing
	Music has been paused
	Music has been stopped

**note:** A microSD card must be inserted to transfer music to your device.

## Adding music from Windows Media Player™

1. Connect the USB cable to the device and the computer.
2. Select [Music Player](#) > [Select](#).
3. Open the Sync tab in Windows Media Player™ in your computer.
4. Select the music from the list and drag and drop to your device.

**note:** Windows Media Player™ 10, 11 and Window XP version is required.

## Playing the music

1. Select [Menu](#) > [AT&T Music](#) > [Music Player](#).
2. Select the category using ▲/▼ to play the music.

3. Select the file using ▲/▼ then select **Play**.
4. Select **Options** > **Add to Playlist** to add to the playlist.
5. Select **Options** > **Stop** to stop playing.

**note:** Music will pause when you receive an incoming call and Music will resume when the call ends.

## Icons for player

Icon	Name	Description
	Volume	
	Pause	
	Play	
	Rewind	Long Press: Rewind, Fast Forward
	Fast Forward	
	Previous Track	Short Press: Previous, Next
	Next Track	
	Repeat All Tracks	
	Repeat Off	
	Repeat Single Track	
	Shuffle On / Off	ON: the current list of songs are randomly shuffled for playback OFF: songs play in order and are not shuffled

## Making playlist

1. Select **Menu** > **AT&T Music** > **Music Player**.
2. Select **Playlists** > **New Playlist**.
3. Input Playlist Name > **Save**.

4. Select **All Music, Albums, Artists** or **Genres**.
5. Select the music file using ▲/▼ then select **Select** to add to playlist.
6. Press **Done**.

## Editing playlists

1. Select **Menu > AT&T Music > Music Player**.
2. Select **Playlists**.
3. Select the playlist to add music.
4. Select **Options > Add Tracks**.
5. Select a music to add > **Select > Done**.
6. To remove tracks, select **Options > Remove Tracks**.
7. Select a music > **Select > Remove**.
8. To rename the playlist, select **Options > Rename Playlist**.
9. To delete the playlist, select **Options > Delete**.

## Viewing the information

1. Select **Menu > AT&T Music > Music Player**.
2. Select a category using ▲/▼ to play the music.
3. Select a file > **Play**.
4. Select **Options > Properties**.
5. Use ▲/▼ to view **Track Number, Title, Artist, Album, Genre, Play Counter, Duration, File Name, File Size, Location, Format, Bit Rate, Year** and **Sharing**.

## Setting as ringtone

1. Select **Menu > AT&T Music > Music Player**.
2. Select a category and a file using ▲/▼.
3. Select **Options > Set as Ring Tone**.

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**note:** During playback, the file can not be set as ring tone. You cannot set a file larger than 300 Kb as a ringtone.

## Deleting music

1. Select **Menu > AT&T Music > Music Player**.
2. Select a music from the list.
3. Select **Options > Delete**.

**note:** If the music is playing you cannot delete it.

## Shopping the music

1. Select **Menu > AT&T Music**.
2. Select **Shop Music**.
3. To go to previous page, press .

## Listening the radio

1. Select **Menu > AT&T Music**.
2. Select **AT&T Radio**.

# Music player settings

## Shuffling music

1. Select **Menu > AT&T Music > Music Player**.
2. Select **Settings**.
3. Select **Shuffle**.
4. Select **Shuffle On** or **Shuffle Off**.

## Repeating the music

1. Select **Menu** > **AT&T Music** > **Music Player**.
2. Select **Settings**.
3. Select **Repeat**.
4. Select **Repeat All Tracks**, **Repeat Single Track** or **Repeat Off**.

## Setting equalizer

1. Select **Menu** > **AT&T Music** > **Music Player**.
2. Select **Settings**.
3. Select **Equalizer**.
4. Select the category by using ◀/▶ > **Select**.

## Auto Full Screen

1. Select **Menu** > **AT&T Music** > **Music Player**.
2. Select **Settings**.
3. Select **Auto Full Screen**.
4. Select **On** or **Off**.

## Media player

You can play audio and video clips with the media player. The Media Player is only compatible with and can play the following formats saved in .3gp, .mp4, .m4a, .3gpa, .wmv, .wma, .mp3, .aac, .amr, .mid, .mmf, .pmd, .imy, .wav and .qcp.

**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.

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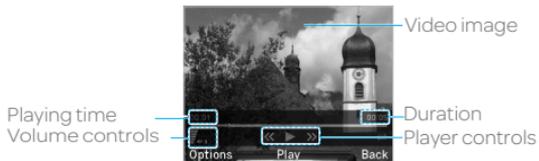
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<Audio player>



<Video player>



## Icons for player

Icon	Name	Description
	Volume	
	Previous	
	Next	Long Press: Rewind, Fast Forward
	Pause	
	Play	
	Repeat On	

## Playing the video clip

1. Select **Menu** > **My Stuff**.
2. Select **Tools** > **Media Player**.
3. Select **Video**.

4. Select a file > **Play**.

## Playing the audio file

1. Select **Menu** > **My Stuff**.
2. Select **Tools** > **Media Player**.
3. Select **Audio**.
4. Select a folder > a file > **Play**.

*For the audio player control see page 70.*

## Setting Mobile Video

1. Select **Menu** > **My Stuff** > **Tools** > **Media Player** > **MV Settings**.
2. Select a profile or select **Options** > **Create**.

## 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. Select **Menu** > **My Stuff**.
2. Select **Other Files**.

## Managing memory

### Viewing memory status

1. Select **Menu** > **My Stuff** > **Memory**.
2. Use ▲/▼ to view the information.

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## Playing games

You can download games to play. 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. Select [Menu](#) > [My Stuff](#).
2. Select [Games & Apps](#).
3. Select [App Center](#) or [App Manage](#) .
4. Select a game or app.

### Applications

You can play pre-installed demo apps or download apps. It is easy to download and you can preview them beforehand.

### Select the applications

1. Select [Menu](#) > [My Stuff](#) > [Games & Apps](#) > [App Manager](#).
2. Select a pre-installed app.

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**PS000**

# 5

## Useful Features

Alarm

Calendar

Notepad and voice memo

World time

Calculator, tip calculator and converter

Stop watch and timer

Memory information

# Alarm

## Setting an alarm

1. Select **Menu** > **My Stuff** > **Tools** > **Alarm Clock**.
2. Select **Create New** for new alarm for the first time.
3. Set the **Alarm Name**, **Time**, **Frequency**, **Alarm Sound**, **Alert Type**, **Volume**, **Snooze** and **Power Alarm** > **Save**.

## Viewing the saved alarms

1. Select **Menu** > **My Stuff** > **Tools** > **Alarm Clock**.

## Editing existing alarms

1. Select **Menu** > **My Stuff** > **Tools** > **Alarm Clock**.
2. Select an alarm > **Edit**.
3. Select **Options** > **Delete** to delete an alarm.
4. Select **Options** > **Create New** to add new alarm.

# Calendar

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



## Viewing calendar

1. Select **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 down for Previous Side key up for Next

## Creating a new event and edit

1. Select a day > **Options** > **Create New**.
2. Select **Appointment**, **Task** or **Note**.
3. Input the events > **Save**.

**note:** You can create events for dates from 01/01/2000 to 12/31/2070.

## Notepad and voice memo

### Using notepad

1. Select **Menu** > **My Stuff** > **Tools** > **Notepad**.
2. Select **Create New** to add a note.
3. To edit memo press **Edit**.
4. Select **Save** to save.

**note:** You can check the note on the Home screen easily by selecting a note > **Options** > **Place on Wallpaper**.

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## Recording voice memo

1. Select **Menu** > **My Stuff** > **Tools** > **Voice Memo**.
2. Select **New Record** to add a voice memo.
3. Select **Record**.
4. Select **Stop** to stop recording. It will automatically save on **My Voice**.
5. To listen to a recorded file, select a recorded file > **Play**.



6. To set your recorded voice memo as a ring tone, select a recorded file > **Options** > **Set as Ring Tone**.

**note:** To access **My Voice**, press **Menu** > **My Stuff** > **Audio** > **My Voice**.

## Listening a recorded sound

1. Press **Menu** > **My Stuff** > **Audio** > **My Voice**.
2. Select a sound > **Play**.

## Using sound controls

To Press	
Play & Pause	⏵
Control volume	Side key up or down or ▲/▼
Stop	<b>Options</b> > <b>Stop</b>
Mute	<b>Options</b> > <b>Mute</b>
Repeat	<b>Options</b> > <b>Repeat on/off</b>
Properties	<b>Options</b> > <b>Properties</b>

## World time

### Using world time

1. Select **Menu > My Stuff > Tools > World Time**.
2. Select a city by pressing ▲/▼.
3. Select a new city to add by pressing ◀/▶.
4. To add a new city, select **Add New City > Add**.

**note:** If you want to set dual time in idle mode, press **Menu > Settings > Display > Home Screen > Clock Type > Clock Type5**.



## Calculator, tip calculator and converter

### Using the calculator

1. Select **Menu > My Stuff > Tools > Calculator**.
2. Use ▲/▼/◀/▶ ⊙ to calculate.
3. Press ⌫ to erase one digit.
4. Select **Reset** to reset.
5. Press . to use the decimal point.



### Using the tip calculator

1. Select **Menu > My Stuff > Tools > Tip Calculator**.
2. Enter values for all variable fields (**Bill(\$)**, **Tip(%)**, **Split**) and the corresponding calculation fields (**Tip(\$)**, **Total(\$)**, **You Pay(\$)**) are updated automatically.
3. Press **Reset** to reset.
4. Press . to use the decimal point.



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## Using the converter

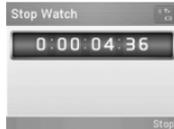
1. Select **Menu > My Stuff > Tools > Converter**.
2. Select the category.
3. Select current unit and enter figure. Other unit fields are updated automatically.
4. Press **Reset** to reset.



## Stop watch and timer

### Using the stop watch

1. Select **Menu > My Stuff > Tools > Stop Watch**.
2. Select **Start** to start.
3. Set **Stop** to stop.
4. Select **Continue** to restart.
5. Select **Reset** to clear.
6. To change to lap time, select **Mode > Lap Time Mode**.
7. To split the stopwatch, select **Mode > Split Time Mode**.



**note:** In Basic Mode, when you exit the stopwatch menu, or become idle, the stopwatch will continue running and will be indicated by a clock icon. You can access the stopwatch by re-entering the stopwatch menu.

### Using the timer

1. Select **Menu > My Stuff > Tools > Timer**.
2. Select **Set** to input the time.
3. Set the hour, minute and second > .
4. Select **Start** to start.
5. Select **Restart** to restart.



**note:** In Basic Mode, when you exit the timer menu, or become idle, the timer will continue running and will be indicated by a timer icon. You can access the timer by re-entering the timer menu.

## Memory information

You can view the information of your phone or memory card for [Used](#), [Audio](#), [Games](#), [Applications](#), [Picture](#), [Video](#), [Other Files](#) and [System](#).

### Viewing the information

1. Select [Menu](#) > [My Stuff](#) > [Memory](#).

### Formatting the memory

1. Select [Menu](#) > [My Stuff](#) > [Memory](#).
2. Select ◀/▶ to select [Phone](#) or [Memory](#).
3. Select [Format](#) > [Yes](#).

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# 6

## Connectivity

Bluetooth

Using web

Using the browser

Profile settings

# Bluetooth

Bluetooth technology enables free wireless connections between electronic devices within a maximum range of 33 feet (10 meters). Bluetooth connections can be used to send images, text, business cards, calendar events and 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.
	Bluetooth hands-free headset is connected.
	Bluetooth A2DP headset is connected.
	Bluetooth hands-free + A2DP headset is connected.
	Data transfer via Bluetooth.

## Activating Bluetooth

1. Select [Menu](#) > [Settings](#) > [Connectivity](#) > [Bluetooth](#) > [Activation](#).
2. Select [On](#) or [Off](#).

## Adding a device

1. Select [Menu](#) > [Settings](#) > [Connectivity](#) > [Bluetooth](#) > [My Devices](#).
2. Select [Search](#).
3. The available device will display.

4. To select the device, select > **Select**.

To view the details, select **View**.

5. Enter password.

**note:** The other device must be in pairing mode.

## Sending an object

1. Select the file from **Menu** > **My Stuff** > **Audio, Music, Picture, Video**, or **Other Files**.

2. Select **Options** > **Send** > **via Bluetooth**.

3. Select **Search**.

4. Select the device > **Select**.

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

## Receiving an object

The receiving of 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. Select **Menu** > **Settings** > **Connectivity** > **Bluetooth** > **Visibility**.

2. Select **Hide** or **Show**.

## Naming the phone

1. Select **Menu** > **Settings** > **Connectivity** > **Bluetooth** > **My Bluetooth Info**.

2. Select **Name** > **Edit**.

3. Edit the field and select **Save**.

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

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# Using Web

## Accessing Mobile Web

1. Press  in standby mode or press **Menu > Web**.

**note:** It will access the Mobile Web homepage.

## Accessing browser

1. Select **Menu > Web > Home**.

**note:** It will access your service provider's homepage.

## Viewing bookmarks

1. Select **Menu > Web > Bookmarks**.
2. To open the site, select **Go**.
3. To send via text message, press **Options > Send URL via Message**.

## Setting new bookmarks

1. Select **Menu > Web > Bookmarks**.
2. Select **Options > Add Bookmark**.
3. Enter the field > **Save**.

## Using RSS feeds

RSS (Really Simple Syndication) feeds are used to publish frequently updated contents in web such as blog entries or news headlines.

1. Select **Menu > Web > Feed**.
2. Select the feed to read.
3. Select **Options > Update Channel, Delete** or **Delete All**.

**note:** To add feeds, select **Options > Feed Channels > YES** on the web page.

## Entering web addresses

1. Select **Menu > Web > Enter Address**.
2. Enter the web address > **Go**.

## Viewing history

1. Select **Menu > Web > History**.

## Setting advanced options

1. Select **Menu > Web > Manage > Options**.
2. Select a category > **Select**.
3. Select an options > **Select**.

## Viewing certificates

1. Select **Menu > Web > Manage > Security > Certificates**.

## Using memory operations

1. Select **Menu > My Stuff > Web > Manage > Private Data**.
2. To clear the cache, select **Clear Cache > Yes**.
3. To clear the cookies, select **Clear Cookies > Yes**.
4. To clear the history, select **Clear History > Yes**.

## Viewing download status

1. Select **Menu > Web > Manage > Download Manager**.

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## Profile settings

You can set a profile and view [Profile Name](#), [Home URL](#), [Connection Type](#), [Proxy Address](#) and [Proxy Port](#).

### Adding a new profile

1. Select [Menu](#) > [Web](#) > [Manage](#) > [Profiles](#).
2. Select [Options](#) > [Create](#).
3. Enter the fields > [Save](#).

### Editing profile

1. Select [Menu](#) > [Web](#) > [Manage](#) > [Profiles](#).
2. Select a profile > [Options](#) > [Edit](#).

### Viewing default profile

1. Select [Menu](#) > [Web](#) > [Manage](#) > [Profiles](#).
2. Select Mobile Web > [Options](#) > [View](#).

### Deleting profile

1. Select [Menu](#) > [Web](#) > [Manage](#) > [Profiles](#).
2. Select a profile > [Options](#) > [Delete](#).

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# 7

## Settings

- Language
- Time and date
- Ringtones
- Display
- Security
- Reset
- TTY

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# Language

## Setting up

1. Select **Menu** > **Settings** > **Phone** > **Language**.
2. Select **Screen Text** or **Predictive**.
3. Select the language > **Select**.

# Time and date

## Setting up

1. Select **Menu** > **Settings** > **Phone** > **Time & Date**.
2. Select **Auto Update**, **Time**, **Time Format**, **Date** or **Date Format** > **Select**.
3. Select an option > **Select**.

# Ring tones

## Setting ring tones

1. Select **Menu** > **My Stuff** > **Audio**.
2. Select a folder > select a file > **Options** > **Set as Ring Tone**.

## Setting sound profile

1. Select **Menu** > **Settings** > **Profiles**.
2. Select **Normal**, **Outdoor**, **Vibrate only**, **Silent** or **Flight Mode**.

# Display

## Setting the home screen

You can set the [Wallpaper](#), [Clock Type](#) and [Text](#).

1. Select [Menu](#) > [Settings](#) > [Display](#) > [Home Screen](#).

## Setting the menu type

1. Select [Menu](#) > [Settings](#) > [Display](#) > [Menu Type](#).

## Setting the color theme

1. Select [Menu](#) > [Settings](#) > [Display](#) > [Color Theme](#).

## Setting the font

1. Select [Menu](#) > [Settings](#) > [Display](#) > [Font Style](#).

## Setting the brightness

1. Select [Menu](#) > [Settings](#) > [Display](#) > [Brightness](#).

**note:** Modifying brightness may affect battery life.

## Setting time for backlight

1. Select [Menu](#) > [Settings](#) > [Display](#) > [Backlight Timer](#).

**note:** Modifying backlight time may affect battery life.

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# Security

## Locking the phone

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

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

## Locking the PIN

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

1. Select **Menu** > **Settings** > **Security** > **PIN** > **PIN Lock** > **Yes**.
2. Enter PIN code > **OK**.

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

## Changing PIN 2

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

## Locking the keypad automatically

You can set the keypad to lock automatically to prevent mistaken key presses.

1. Select **Menu** > **Settings** > **Security** > **Auto Key Lock**.
2. Select **On**.
3. Select **Off** to unlock Auto Key Lock.

**note:** The auto keypad lock time is equivalent to the backlight display time. To change the backlight time, press **Menu** > **Settings** > **Display** > **Backlight Timer**.

## Unlocking Auto Key Lock

1. Select **Menu** > **Settings** > **Security** > **Auto Key Lock**.
2. Select **Off**.

## Setting fixed dialing number

1. Select **Menu** > **Settings** > **Security** > **FDN**.
2. Select **On** or **Off**.

*For details on fixed dialing, see page 38.*

## Reset

### Resetting the phone

1. Select **Menu** > **Settings** > **Reset**.
2. Enter the password > **Master Reset** > **Yes**.

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

### Clearing the phone

1. Select **Menu** > **Settings** > **Reset**.
2. Enter the password > **Master Clear** > **Yes**.

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

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# 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. Select **Menu > Settings > TTY**.
2. Select **Disable**, **TTY Full**, **TTY Talk** or **TTY Hear**.
  - **Disable**: TTY mode is disabled.
  - **TTY Full**: Users who cannot talk and hear, can send and receive text messages.
  - **TTY Talk**: Users who can talk but cannot hear, can receive text messages and reply with voice message.
  - **TTY Hear**: Users who can hear but cannot talk, can send a text message and receive a voice message.

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## Appendix

Alert message

Troubleshooting checklist

Safety information

Safety precautions

About the battery usage

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

FCC Regulatory Compliance

Warranty

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## 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 “*Messages full*” message appears:**

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

### **When the “*Phone and SIM messages are full. Delete Messages*” message appears:**

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

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

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

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

Input PIN1. If you cannot remember it, contact 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 .

### 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:

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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 and pets.
- 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 try to dry your phone in a microwave oven. If not, sparks can occur and cause an explosion or fire.
- 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** (press the **Menu > Settings > Profiles > Flight Mode**) when you are in an aircraft. The electromagnetic waves emitted by your phone may affect the electronic navigation equipment in the aircraft.

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

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

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

### **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**

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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 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

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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.



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 62 for instructions to disable these components.

## 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.

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## 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 20 mm (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.

## 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.

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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, keypad, 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.

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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](mailto:HandsetHelp@Pantech.com).

Or visit the web site: [www.pantechusa.com](http://www.pantechusa.com)

For all other inquiry, write to:

**PANTECH WIRELESS, INC.**

5607 Glenridge Dr. Suite 500 Atlanta, GA 30342

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