

GT-B7330 user manual



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using this manual

This user manual has been specially designed to guide you through the functions and features of your phone. To get started quickly, refer to the quick start guide.

Instructional icons

Before you start, familiarise yourself with the icons you will see in this manual:



Warning—situations that could cause injury to yourself or others




Caution—situations that could cause damage to your phone or other equipment



Note—notes, usage tips, or additional information

- ▶ **Refer to**—pages with related information; for example: ▶ p. 12 (represents "see page 12")

- ? **Followed by**—the order of options or menus you must select to perform a step; for example: Press <Start> → <More> → **Messenger** (represents **Start**, followed by **More**, followed by **Messenger**)
- [] **Square brackets**—phone keys; for example: [] (represents the End/Power key)
- < > **Angled brackets**—softkeys that control different functions at each screen; for example: <**Done**> (represents the **Done** softkey)



quick start guide

Unpack

Check your product box for the following items:

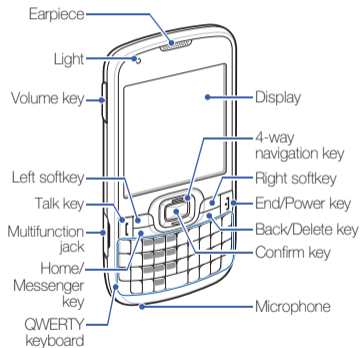
- Mobile phone
- Headset
- Battery
- Travel adapter (charger)
- PC data cable



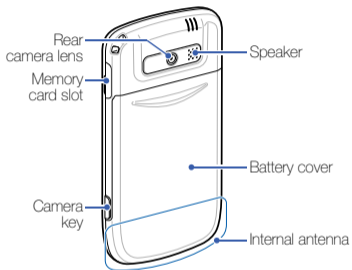
- The items supplied with your phone may vary depending on the software and accessories available in your region or offered by your service provider. You can obtain additional accessories from your local Samsung dealer.
- The supplied accessories perform best for your phone.

Phone layout








The front of your phone includes the following keys and features:














The rear of your phone includes the following keys and features:



Keys









Key	Function
	Open the dialling screen; make or answer a call
	Perform actions indicated at the bottom of the display
	Scroll through lists or menus; move the cursor up, down, left, or right
	Confirm your selection or execute the selected application
	Turn the device on and off (press and hold); end a call; return to the Home screen
	Switch to the Home screen from a program; open Windows Live Messenger (press and hold)
	Return to the previous menu or screen; delete characters












Key	Function
	Enter numbers, characters, and symbols
	Delete characters
	Change case in a text input field
	Confirm your selection; start a new line in a text input field
	Use characters on the upper half of the keys in a text input field
	Open the symbol screen in a text input field (press and hold)
	Insert a space in the text input screen; activate or deactivate the silent profile from the Home screen (press and hold)
	Open Messaging

Key	Function
	Open the Voice Control program; lock the keys (press and hold)
	Turn on the camera (press and hold); in Camera mode, take a photo or record a video
	Adjust the phone's volume; during an incoming call, mute the call ringer; press and hold the Volume key up to zoom in the screen

Icons

Learn about the icons that appear on your display.

Icon	Definition
	Signal strength
	Voice call in progress
	Call on hold
G	GPRS network available
G 	GPRS network connected
E	EDGE network available
E 	EDGE network connected
3G	UMTS network available
3G 	UMTS network connected
3G+ 	Data transfer in progress
	Roaming (outside of normal service area)

Icon	Definition
	Battery power level
	Ringer set to vibrate
	Silent profile activated
1/2	Phone line 1 or 2 (network service)
	Bluetooth activated
	Bluetooth headset connected
	Sync error
	New text or multimedia message
	New instant message
	New voice mail message
	Missed call
	Calls are forwarded

Assemble and prepare your phone

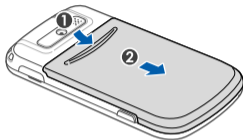
Get started by assembling and setting up your mobile phone for its first use.

Install the SIM card and battery

When you subscribe to a cellular service, you will receive a Subscriber Identity Module (SIM) card with subscription details such as your personal identification number (PIN) and optional services.

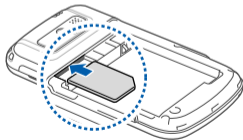
To install the SIM card and battery,

1. Remove the battery cover.



If the phone is on, press and hold [] to turn it off.

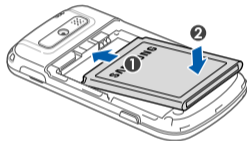
2. Insert the SIM card.



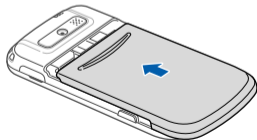
- Place the SIM card in the phone with the gold-coloured contacts facing down.
- Without inserting a SIM card, you can use your phone's non-network services and some menus.



3. Insert the battery.



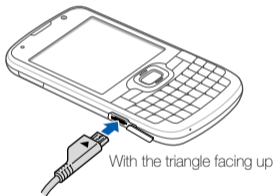
4. Replace the battery cover.



Charge the battery

Before using the phone for the first time, you must charge the battery.

1. Open the cover to the multifunction jack on the side of the phone.
2. Plug the small end of the travel adapter into the multifunction jack.



CAUTION

Improperly connecting the travel adapter can cause serious damage to the phone. Any damages by misuse are not covered by the warranty.

3. Plug the large end of the travel adapter into a power outlet. The LED indicator turns red to indicate that the phone is charging.
4. When the battery is fully charged (LED indicator turns green), unplug the travel adapter from the power outlet.
5. Unplug the travel adapter from the phone.
6. Close the cover to the multifunction jack.

About the low battery indicator

When your battery is low, the phone emits a warning tone, a low battery message appears on the screen and the battery icon is empty and blinking. If the battery level becomes too low, the phone will automatically power off. Recharge your battery to continue using your phone.



Insert a memory card (optional)

To add additional file storage space to your phone, you can add a memory card. Your

phone accepts microSD™ or microSDHC™ memory cards up to 32 GB (depending on memory card manufacturer and type).



Formatting the memory card on a PC may cause incompatibility with your phone. Format the memory card only on the phone.


1. Open the cover to the memory card slot on the side of the phone.
2. Insert a memory card with the contacts facing up.



3. Push the memory card in the memory card slot until it locks in place.


To remove the memory card, push it in gently until it disengages from the phone, and then pull it out of the memory card slot.

Turn on your phone on and off

To turn your phone on, press and hold . It will automatically connect to the cellular network.

To turn your phone off, press and hold .

Lock or unlock the keys



You can lock the keys to prevent any unwanted operations. On the Home screen, press and hold .

To unlock the keys, press <Unlock> → [*] or press and hold .

Disable wireless functions

By disabling your phone's wireless functions, you can use non-network services in areas where wireless devices are prohibited, such as aeroplanes and hospitals.


To disable wireless functions

1. On the Home screen, press **Start** → **Settings** → **Connections** → **Wireless Manager**.
 2. Select **Phone**.
Phone status changes to  (also appears on the Home screen).
 3. Press <Done>.
- To enable wireless functions, repeat steps 1-2 above. Your phone status changes to .

Work with applications

Open applications or folders

1. On the Home screen, press <Start>.
2. Select an application or a folder.

To use the home screen shortcuts, scroll up or down to move among the shortcuts or menus. Press  to select an application.


Switch applications

Your phone allows you to multi-task by running multiple applications at the same time.

To switch from one active application to another

1. Press [] → <Start>.
2. Select an application or a folder.

Close applications

To close the current application window, press [].

To close an application that is running in the background,

1. Press and hold the down Volume key to open Quick List and select **Task Manager**.
2. Scroll to an application and press <End Task>.

To close all applications press <Menu>, select **End All Tasks** and press <Yes>.

Use basic call functions

Learn to make or answer calls and use basic call functions.

Make a call

1. On the Home screen, enter an area code and phone number.
2. Press **[Call]** to dial the number.
3. To end the call, press **[End]**.

Answer a call

1. When a call is received, press **[Call]**.
2. To end the call, press **[End]**.

Adjust the volume

To adjust the volume during a call, press the Volume key up or down.

View and dial missed calls

Your phone will display calls you have missed on the screen. To dial the number of a missed call

1. Press **[Call]**.
2. Scroll to the missed call you want to dial.
3. Press **[Call]** to dial.

Call a recently dialled number

1. On the Home screen, press **[Call]** to display a list of recent numbers.
2. Scroll to the number you want and press **[Call]** to dial.

Send and view text messages

Learn to send or view text (SMS) messages.

Send a text message

1. On the Home screen, press <Start> → **Messaging** → **SMS/MMS**.
2. Press <Menu> → **New**.
3. Enter a phone number or press <Menu> → **Add Recipients** → **Contacts** to select a contact.




To send the message to multiple recipients, press the **Confirm** key after entering or selecting a number, scroll down and enter another number or press <Menu> → **Contacts**. Press **Done**.

4. Scroll down and enter text.
5. Press <Send> to send the message.

Enter text

Your phone is equipped with a QWERTY keyboard to support easy and quick text input. You can enter text as you would when using a computer's keyboard.

When entering text, use the following keys:

- ←: delete characters
- ↵: start a new line
- ⇧: change case; set Caps lock (press twice quickly)
- **Alt**: enter numbers and symbols on the upper part of the keys; set Number and Symbol lock (press twice quickly)
- **Sym**: open the symbols list (press and hold)
- **Space** []: insert a space

View a text message

1. On the Home screen, press <Start> → **Messaging** → **SMS/MMS**.
2. Select a text message.

Add and find contacts

Learn the basics of using the Contacts feature.

Add a new contact

1. On the Home screen, enter a phone number and press **<Save>**.
2. Press the Confirm key → a contact type.
3. Enter contact information.
4. When you are finished entering information, press **<Save>** or **<Done>** to save the contact.

Find a contact

1. On the Home screen, press **<Start>** → **Contacts**.
2. Enter the first few letters of the name you want to find.

3. If the name is not highlighted, scroll to the contact's name in the search list.



Once you have found a contact, you can:

- call the contact by pressing [**[]**]
- edit the contact information by pressing **<Menu>** → **Edit**

Use basic camera functions

Learn the basics to capture and view photos and videos.

Capture photos

1. Press and hold the Camera key to turn on the camera.
2. Aim the lens at the subject and make any adjustments.
 - To change the viewfinder, press the Navigation key up (**[F]**).
 - To select the time delay, press the Navigation key down (**[S]**).

- To change the camera focus, press the Navigation key left (⬅️).
 - To set the exposure value, press the Navigation key right (➡️).
3. Press the Confirm key or Camera key to take a photo.
 4. Press <Save> to save the photo.
After capturing photos, press <View> to view photos quickly.

View photos

On the Home screen, press <Start> → **Contents Manager** → **My Pictures** → a photo file.

Capture videos

1. Press and hold the Camera key to turn on the camera.
2. Press [1] to switch to Recording mode.

3. Aim the lens at the subject and make any adjustments.
 - To change the viewfinder, press the Navigation key up (⬆️).
 - To select the time delay, press the Navigation key down (⬇️).
 - To set the exposure value, press the Navigation key right (➡️).
4. Press the Confirm key or Camera key to start recording.
5. Press <⏏️> or the Camera key to stop recording.
6. Press <Save> to save the video.
After capturing videos, press <View> to view videos quickly.

View videos

On the Home screen, press <Start> → **Contents Manager** → **My Videos** → a video file.

Listen to music

Learn how to listen to music via the music player.

Add music files to your phone

Start by adding files to your phone or memory card:

- Download from the wireless web.
- Receive via Bluetooth.
- Copy to your memory card.
- Synchronize with ActiveSync.

Play music files

1. Add music files to your phone.
2. On the Home screen, press <Start> → **Windows Media**.
3. Press <Menu> → **Update Library**.
4. When libraries have been updated, press <Done>.

5. Select **My Music**.
6. Select a music category → a music file.
7. Control playback using the following keys:

Key	Function
Confirm	Pause or resume playback
Volume	Adjust the volume
Navigation	<ul style="list-style-type: none"> • Left: Restart playback; Skip backward (press within 3 seconds); Scan backward in a file (press and hold) • Right: Skip forward; Scan forward in a file (press and hold) • Up/Down: Adjust the volume
0	Switch to the full screen view (video file only)

8. When you are finished, press **<Menu>** → **Stop**.


Create a playlist

1. On the Home screen, press **<Start>** → **Windows Media** → **My Music**.
2. Select a music category and scroll to a music file.
3. Press **<Menu>** → **Queue Up**.
4. Repeat steps 3-4 to add more files.
5. Press **<Menu>** → **Now Playing** → **<Menu>** → **Save Playlist**.
6. Enter a name for the playlist and press **<Done>**.
The new playlist will be saved in **My Playlists**.

Customize your phone

Get more from your phone by customizing it to match your preferences.

Change your ringtone

1. On the Home screen, press **<Start>** → **Settings** → **Sounds** → **Ringtone**.
2. Scroll left or right to a ringtone.
 To see a list of all ringtones, press the Confirm key.
3. Press **<Done>**.

Set your phone profile

Activate a profile

1. On the Home screen, press **<Start>** → **Settings** → **Profiles**.
2. Scroll to a profile and press **<Done>**.

Personalize a profile

1. On the Home screen, press <Start> → **Settings** → **Profiles**.
2. Scroll to a profile and press <Menu> → **Edit**.
3. Change the settings as desired.
4. When you are finished personalizing the profile, press <Done>.

Select a theme for the display or wallpaper

1. On the Home screen, press <Start> → **Settings** → **Display** → **Home Screen**.
2. Scroll left or right to change the theme in **Home screen layout**.
3. Scroll down to **Background image**.
4. Scroll left or right to your background image.
5. When you are finished, press <Done>.

Download applications from the web

You can find, purchase, and download Windows Mobile applications directly from the Windows Marketplace online store and post your reviews about applications. You can also find links to access other web pages.

On the Home screen, press <Start> → **Marketplace**.

communication

Your phone allows you to send and receive many types of calls and messages over cellular networks and the internet.

Calls

Learn to use advanced call functions.

Call an international number

1. On the Home screen, press and hold [0] to insert the + character.
2. Enter the complete number you want to dial (country code, area code, and phone number), and then press [[*]] to dial.

Call a contact from Contacts

You can call numbers directly from Contacts using stored contacts. ► p. 15

1. On the Home screen, press <Start> → **Contacts**.
2. Enter the first few letters of the name you want to find. If the name is not highlighted, scroll to the name in the search list.
3. Press [[*]] to dial.

Make a call from Call History

1. On the Home screen, press <Start> → **Applications** → **Call History**.
2. Scroll up or down to a number or name and press [ⓘ] to dial.

Forward calls

1. On the Home screen, press <Start> → **Settings** → **Phone** → **Voice Calls** → **Call Forwarding**.
2. Select a forwarding option and enter a phone number.

Bar (block) calls

1. On the Home screen, press <Start> → **Settings** → **Phone** → **Voice Calls** → **Call Barring**.
2. Select a call type → a barring option.

Messaging

Learn to use messaging functions. For instructions on entering text, see "Enter text" on page 14.

Send a multimedia message

1. On the Home screen, press <Start> → **Messaging** → **SMS/MMS**.
2. Press <Menu> → **New**.
3. Enter a destination number or press <Menu> → **Add Recipients** to select a contact.
4. Press <Menu> → **Switch to MMS**.
5. Scroll down and enter your message text.
6. Press <Menu> → **Add** and add an item.
7. Press <Send> to send the message.

Create an email account

1. Before you can send or receive email messages, you must enter your email account information.



To easily setup an email account for an online service such as Gmail™ or Hotmail®, press <Start> → **Email Wizard**.

1. On the Home screen, press <Start> → **Messaging** → **Setup E-mail**.
2. Select the type of email account if it is listed (**Microsoft Exchange**, **Gmail**, etc.) or, if the type of account is not listed, select **Other**.
3. Enter your email address and password, and press <Next>.
4. Press <Next> to let the phone try to automatically determined the required settings.
5. If necessary, select the type of email provider and press <Next>.
6. Enter your name and account display name, and press <Next>.
7. If necessary, enter the incoming mail server and select the account type, and press <Next>.
8. If necessary, enter a user name and password, and press <Next>.
9. If necessary, enter the outgoing mail server and press <Next>.
10. Set how often you want your phone to connect to the server and check for incoming email messages in **Automatic Send/Receive**.
11. Press <Finish>.

Send an email message

1. On the Home screen, press <Start> → **Messaging**.
2. Select the name of an email account.
3. Press <Menu> → **New**.
4. Enter an email address in the To field or press <Menu> → **Add Recipient** to select a contact.
5. Scroll down and enter a message subject.
6. Scroll down and enter your message text.
7. Press <Menu> → **Insert** and attach a file (if necessary).
8. Press <Send> to send the message.

Retrieve email from an email server

Before you retrieve email from an internet service provider or VPN connection, you must create an email account.

1. On the Home screen, press <Start> → **Messaging**.
2. Select the name of an email account.
3. Press <Menu> → **Send/Receive**.



To retrieve messages from your Outlook account, see "Synchronize your data" on page 56.

View messages

You can access message folders for your text/multimedia and email messages in one location.

To view messages

1. On the Home screen, press <Start> → **Messaging**.
2. Select **SMS/MMS** or the name of an email account.
The Inbox for the account you selected opens.

- To open an email message, select it from the list. If all message content was not downloaded and you want to view the entire message, select **Get the rest of this message** or press **<Menu> → Download Message**.

View or save email attachments



CAUTION

Email attachments may contain viruses that can damage your phone. To protect your phone, open attachments only if you trust the sender.



In order to open an attachment, the attached file must be compatible with software available on your phone, for example Office Mobile opens Word, Excel and PowerPoint files.

To view an attachment

- From an open email, scroll to the attachment and press the Confirm key.

- Press **<Open>** to open the attachment. The attachment opens in the corresponding application.

To save an attachment

- From an open email, scroll to the attachment and press the Confirm key.
- Press the Confirm key → **<Open>** to open the attachment.
- Press **<Menu> → Save As...**
- Set a file name and memory location and press **<Save>**.

media

Learn to use Camera, Contents Manager, Photo Slides, FM Radio, Streaming Player, Audio Notes, and Voice Notes.

Camera

Learn how to capture photos in various modes and customize camera settings.

Capture a series of photos

1. Press and hold the Camera key to turn on the camera.
2. Press <Menu> → **Shooting Mode** → **Multi Shot**.
3. Make any necessary adjustments.
4. Press and hold the Confirm key or Camera key to take a series of photos.
5. Press <Save> to save the photos.

Capture photos with decorative frames

1. Press and hold the Camera key to turn on the camera.
2. Press **<Menu>** → **Shooting Mode** → **Frame Shot**.
3. Press **<Change>** → **<List>**.
4. Highlight a frame and press **<Select>** or the Confirm key.
5. Make any necessary adjustments.
6. Press the Confirm key or Camera key to take a photo with the frame.
7. Press **<Save>** to save the photo.

Create a photo mosaic

1. Press and hold the Camera key to turn on the camera.
2. Press **<Menu>** → **Shooting Mode** → **Mosaic Shot**.
3. Press **<Change>** → **<List>**.
4. Select a mosaic layout and press **<Select>** or the Confirm key.
5. Make any necessary adjustments.
6. Press the Confirm key or Camera key to take the divided photos for each segment.
7. Press **<Save>** to save the photo.

Capture photos in Smile shot mode

1. Press and hold the Camera key to turn on the camera.
2. Press **<Menu>** → **Shooting Mode** → **Smile Shot**.
3. Make any necessary adjustments.
4. Press the Confirm key or Camera key.
5. Aim the camera lens at your subject.

Your phone recognizes people in an image and detects their smiles. When the subject smiles, the camera automatically takes a photo.

6. Press <**Save**> to save the photo.

Use options presets for various scenes

Options presets optimise camera settings for various types of scenes (portrait, landscape, sports, etc.)

1. Press and hold the Camera key to turn on the camera.
2. Press <**Menu**> → **Scene** → type of scene.
3. Make any necessary adjustments.
4. Press the Confirm key or Camera key to take a photo.
5. Press <**Save**> to save the photo.

Use camera options

Before capturing a photo, press <**Menu**> to access the following options:

Option	Function
Shooting Mode	Change the shooting mode
Scene	Selects options presets
Resolution	Change the image resolution
White Balance	Adjust the colour balance
ISO	Adjust the sensitivity of the camera imaging sensor
Metering	Select a type of exposure meter
Effect	Apply a special effect

Before capturing a video, press <Menu> to access the following options:

Option	Function
Recording Mode	Change the recording mode
Resolution	Change the video resolution
White Balance	Adjust the colour balance
Effect	Apply a special effect

Customize camera settings

Before capturing a photo, press <Menu> → **Settings** → **Photo** or **Setup** to access the following options:

Setting	Function
Image Quality	Adjust the quality of your images
Shutter sound	Select a sound to accompany the shutter action

Setting	Function
Review screen	Set the camera to switch to the review screen after capturing photos
Zoom sound	Turn the zoom sound on or off
Brightness sound	Turn the brightness sound on or off
Storage	Select a location to store new images

Before capturing a video, press <Menu> → **Settings** → **Video** or **Setup** to access the following options:

Setting	Function
Video Quality	Adjust the quality of your video clips
Recording sound	Select a sound to accompany the shutter action

Setting	Function
Audio recording	Turn audio recording on or off
Encoding format	Select an encoding format for your video clips (Note: H263 format is only available when resolution is set to 176x144).
Review screen	Set the camera to switch to the review screen after capturing a video
Zoom sound	Turn the zoom sound on or off
Brightness sound	Turn the brightness sound on or off
Storage	Select a location to store new video clips

Contents Manager

With Contents Manager, you can view and access all the files and folders on your phone.

View a photo

1. On the Home screen, press <Start> → **Contents Manager** → **My Pictures**.
2. Scroll to a photo and press the Confirm key to open it.

While viewing photos, you can perform the following functions:

- To scroll through your photos, scroll left or right.
- To zoom, press the Confirm key and then press the left softkey or right softkey. To exit the zoom screen, press [↵].
- To edit the picture, press <Menu> → **Edit Image**.

- To set a photo as a background or caller ID image, press <Menu> → **Set as** → an option.
- To view your photos as a slideshow, press <Menu> → **Play Slide Show**.

Play a video

1. On the Home screen, press <Start> → **Contents Manager** → **My Videos**.
2. Scroll to a video thumbnail and press the Confirm key to open it.

Open documents

1. On the Home screen, press <Start> → **Contents Manager**.
2. Locate and open the folder where the document is stored.
3. Scroll to the document and press the Confirm key to open it.

Send a file

1. On the Home screen, press <Start> → **Contents Manager**.
2. Locate and open the folder where the file is stored.
3. Select a file.
4. Press <Menu> → **Send** → a sending option.
 - To send as a multimedia message, select **via Multimedia Msg**. See "Send a multimedia message" on page 21.
 - To send as an email message, select **via e-mail**. See "Send an email message" on page 23.
 - To send via the Bluetooth wireless feature, select **via Bluetooth**. See "Bluetooth" on page 53.

Photo Slides

Photo Slides allows you to create photo albums, edit photos, and view slideshows with background music.

Create a photo album and add photos

1. On the Home screen, press **<Start>** → **Applications** → **Photo Slides**.
2. Press **<Menu>** → **Create album**.
3. Enter an album name, set the creation date, and select **OK**.

To add photos to the album

1. Locate a photo in another album or folder and press **<Menu>** → **Edit** → **Copy**.
2. Select the name of your new album or folder and then press **<Menu>** → **Edit** → **Paste**.









Edit album photos

1. On the Home screen, press **<Start>** → **Applications** → **Photo Slides**.
2. Select a thumbnail to open the photo.
3. Press **<Menu>** → an editing option (**Rotate Left**, **Rotate Right**, or **Effect**).
4. Select an effect option (if necessary).
5. To save the photo with your changes, press [**↵**].

View slideshows with background music

1. On the Home screen, press **<Start>** → **Applications** → **Photo Slides**.
2. Select a photo.
3. Press **<Menu>** → **Slide show**.

4. During a slideshow, press the Confirm key to display the following controls:

Icon	Function
	Pause the slideshow
	Stop the slideshow
	Play the slideshow
	Skip to the previous photo
	Skip to the next photo
	Rotate the photo
	Change the background music
	Quit the slideshow

FM Radio

You can listen to FM radio stations.

Listen to the FM radio

1. Plug a headset into the multifunction jack.
2. On the Home screen, press **<Start>** → **FM Radio**.



The first time you turn on the FM radio, you are prompted to start automatic tuning. Press **<Yes>** to automatically store a list of available stations. When automatic tuning is finished, press **<Done>**.

3. Control the FM radio using the following keys:

Key	Function
Confirm	Turn the FM radio on or off
Navigation	<ul style="list-style-type: none"> • Left/Right: Tune a station • Up/Down: Adjust volume
Volume	Adjust volume

Store radio stations by automatic tuning

1. From the radio screen, press the Confirm key to start the FM radio.
2. Press **<Menu>** → **Channel list**.
3. Press **<Scan>** → **<Yes>**.
The radio scans and saves available stations automatically.
4. Press **<Done>**.

Access radio stations on the station list

1. Press **<Menu>** → **Channel list** from the radio screen.
2. Choose a station frequency and select **<Menu>** → **Listen**.

Set up your favorite list

You can store up to six favorite stations that can be accessed using the number keys.

1. From the radio screen, press the Confirm key to start the FM radio.
2. Scroll left or right to tune a radio station you want.
3. Press **<Set as favorite>** to save the radio station to the Favorite list.
4. Press **<OK>** to confirm. The station frequency appears in the numbered list at the top of the screen.
5. To add more radio stations, repeat steps 2-4 above.

Access favorite radio stations

1. From the radio screen, press the Confirm key to start the FM radio.
2. Press the number key corresponding to the desired station in the list at the top of the screen.

Audio Notes

You can record sounds from various sources and save them as mp3 files.

Record an audio note

1. On the Home screen, press **<Start>** → **Organizer** → **Audio Notes**.
2. Press **<Record>** to begin the recording.
3. When you are finished recording, press **<Stop>**.

The audio note is automatically saved.



Files are saved in AMR, WAV or MP3 format with file name "A" followed by two numbers each indicating year, month and day, then numbered in sequence from 001 to 999. To change the storage location or format, select **<Menu>** → **Options**.

Play an audio note

1. On the Home screen, press **<Start>** → **Organizer** → **Audio Notes**.
2. Scroll to an audio note and press the Confirm key.
Playback begins automatically.
3. Control playback using the following keys:

Key	Function
Volume	Adjust the volume
Confirm	Pause or resume playback
Navigation	<ul style="list-style-type: none"> • Left: Skip backward • Right: Skip forward • Up/Down: Adjust the volume
<Stop>	Stop playback

Change location or file format

1. On the Home screen, press **<Start>** → **Organizer** → **Audio Notes**.
2. Press **<Menu>** → **Options** and change the storage location and/or recording format, as required.

Voice Notes

You can use Voice Notes to record and play back voice memos and sound clips.

Record a voice clip

1. On the Home screen, press **<Start>** → **Applications** → **Voice Notes**.
2. Press **<Record>** to begin the recording.
3. When you are finished recording, press **<Stop>**.
The voice clip is automatically saved.

Play a voice clip

1. On the Home screen, press **<Start>** → **Applications** → **Voice Notes**.
2. Scroll to a voice clip and press the Confirm key.
The playback begins automatically.



Files are saved in WAV format and numbered consecutively as Recording1, Recording2, etc.

personal productivity

Learn to use Contacts, Calendar, Anniversary, Office Mobile, Adobe Reader LE, Tasks, Smart Reader and Voice Recognition.

Contacts

Learn to use contact cards to store personal information, such as names, phone numbers, and addresses.

Copy contact cards

You can copy your contacts from your phone to your SIM card and vice versa. When you copy a contact to your SIM card, you can only store the contact's name and phone number.

1. On the Home screen, press **<Start>** → **Contacts**.
2. Highlight a contact or, to copy several contacts or all contacts, select **<Menu>** → **Select Contacts** → **Several** or **All**.
3. Press **<Menu>** → **Copy Contact** → **To SIM** or **To Contacts**.

To retain all the contact information, synchronize your Outlook contacts with a PC (see "Synchronize your data" on page 56).

Assign a speed dial number to a contact card

1. On the Home screen, press <Start> → **Contacts**.
2. Scroll to a contact card and press the Confirm key.
3. Scroll to a phone number and press <Menu> → **Add to Speed Dial**.
4. If necessary, select **Keypad assignment** and scroll left or right to select a speed dial number.
5. When you are finished, press <Done>.

Assign an image or a ringtone to a contact card

1. On the Home screen, press <Start> → **Contacts**.
2. Scroll to a contact card.
3. Press <Menu> → **Edit**.

4. To assign a ringtone, scroll to **Custom ringtone** and scroll left or right to a ringtone.
5. To assign an image, scroll to **Picture**, press the Confirm key, locate an image and press <Select>.
6. When you are finished, press <Done>.

Calendar

Use Calendar to keep track of appointments, birthdays, or other events.

Create a calendar event

1. On the Home screen, press <Start> → **Calendar**.
2. Press <Menu> → **New Appointment**.
3. Complete the fields and adjust the settings for your event.
4. When you are finished, press <Done>.

Change the calendar view

1. On the Home screen, press **<Start>** → **Calendar**.
2. Press the left softkey to change the calendar view.

Stop an event alarm

When the alarm sound for a calendar event you set previously, press **<Dismiss>**.

Anniversary

With Anniversary, you can manage your anniversaries and special days.

Schedule an anniversary

1. Press **<Start>** → **Organizer** → **Anniversary**.
2. Press **<New>**.

3. Set the anniversary details.
4. When you are finished, press **<Done>**.

Stop an anniversary alarm

When the alarms sound for the anniversary you set previously, press **<OK>**.

Office Mobile

With Office Mobile, you can open and edit Microsoft Word, Excel, and PowerPoint files on your phone. Your phone supports files created using Office 97 and newer versions.

Open and edit an Excel workbook

To open and view an Excel workbook

1. On the Home screen, press **<Start>** → **Applications** → **Office Mobile** → **Excel Mobile**.

2. Locate an Excel file and select the file name to open it.
3. To zoom in or out on part of a document, press either softkey → <View> → **Zoom** → a zoom option.
4. To close the workbook, press <Menu> → **Close File**.

To edit an Excel workbook

1. Locate the Excel file and select the file name to open it.
2. Press either softkey → <Menu> → **Edit**.
3. Scroll to a cell and press the Confirm key to select it.
4. Enter values or text and press <Done>.
5. Repeat steps 4-5 as necessary.

6. To save the workbook, press <Menu> → **File** → **Save As...**
7. Enter a file name, select the memory location and press <Save>.

Open and edit a Word document

To open and view a Word document

1. Locate the Word file and select the file name to open it.
2. To zoom in or out on part of a document, press <View> → a zoom option.
3. To close the document, press <Menu> → **Close File**.

To edit a Word document

1. Locate the Word file and select the file name to open it.
2. Press <Menu> → **Edit**.
3. Edit your document.
4. To save the document, press <Menu> → **File** → **Save As...**
5. Enter a file name and select the memory location and press <Save>.

Open and view a PowerPoint slideshow

1. Locate the PowerPoint file and select the file name to open it.
2. To begin the slideshow, press any softkey → <Menu> → **Custom Show**.
3. To end the slideshow, press <End>.

Create and edit a note

1. On the Home screen, press <Start> → **Applications** → **Office Mobile** → **OneNote Mobile**.
2. Press <New> to create a new note.
3. Create your note.
4. To change the text format, press <Menu> → **Format** → a format.
To clear all formatting, press <Menu> → **Format** → **Clear All**.
5. To add pictures or voice memos, press <Menu> → **Take Picture**, **Insert Picture**, or **Insert Recording**.
6. To save the note, press <Done>.

Adobe® Reader LE

With Adobe Reader LE, you can open and view PDF documents.

1. On the Home screen, press <Start> → **Applications** → **Adobe Reader LE**.

2. Locate a PDF file and select the file name to open it.
3. To zoom in or out on part of a document, press <Tools> → **Zoom** → a zoom option. To move to another page, press <Tools> → **Go To** → an option.

Tasks

With Tasks, you can create to-do lists and reminders.

Create a task

1. On the Home screen, press <Start> → **Organizer** → **Tasks**.
2. Press <Menu> → **New Task**.
3. Enter details for the task.



To set a reminder for the task, select the due field and set a due date. Select the check box under **Reminder** and specify the date and time of the reminder.

4. When you are finished, press <Done>.

Mark a task as completed

When you have completed a task, return to the Tasks screen, scroll to the task name, and press <Complete>. Once you have marked a task completed, you will no longer receive any scheduled reminders for that task.

Smart Reader

Smart reader allows you to capture information from a business card or document and save it as a new contact or convert it to an editable note file. You can also capture words and translate them to another language.



This feature may be unavailable depending on your region or service provider.

Recognize a business card

1. On the Home screen, press **<Start>** → **Organizer** → **Smart Reader**.
2. Position the phone over the business card, so that the frame on the viewfinder aligns with the edges of the business card.
As you align the frame in the viewfinder with the edges of the business card, they will change to green. When you align all four edges of the frame at once, your phone automatically captures the image.

3. Press the Confirm key. Your phone recognizes the business card and converts it to contact card format.
4. Press **<Add to Contacts>** to save the contact card.
5. Press **<OK>**.

Tips for recognising business cards

- Hold the phone steady while capturing a photo of the business card.
- Be careful not to allow any shadows to fall on the business card.
- Place the business card on level, evenly lit surface when capturing information from it.

Capture a document

1. On the Home screen, press **<Start>** → **Organizer** → **Smart Reader**.
2. Press **<Menu>** → **Mode** → **Text Recognition**.

3. Position the phone over the document.
4. Press the Confirm key.
Your phone recognizes the document and converts it to a text file.
5. To save the text as a note file, press **<Add to Note>** → **<OK>**.
6. To copy and paste the text into another application, select **<Menu>** → **Copy/Paste**.

Voice Recognition

Nuance Voice Recognition software is can be used to voice activate a wide variety of functions on your phone, including dialing and searching. No pre-recording or training is required. Speak a contact name to dial, and use your voice to look up contacts, launch applications and navigate phone menus.

1. On the Home screen, press **<Start>** → **Voice Recognition**.
2. After the audio prompt (beep or voice command "Say a Command"), speak a command. A list of possible voice commands is briefly displayed.

Voice Commands

The following voice commands are available:

1. **Call <Name or #>**: Dials the spoken number or the number associated with the spoken name in your contact list. If multiple numbers exist (i.e., home, work, cell phone), say the name and the number type.
2. **Send Text <Name or #>**: displays the Create Text Message screen and enters the recipient's phone number.
3. **Send Email <Name>**: displays the Create Email screen and enters the recipient's email address.

4. **Lookup <Name>**: Locates and displays contact information for the name stored in the Contacts list.
5. **Go To <Menu>**: Opens a phone application. For a complete list of applications, select **Go To** from the Voice Command menu. Application must be activated.
6. **Check <Item>**: Reports the status of various phone items. For a complete list of applications, select **Check** from the Voice Command menu.
7. **Play <Playlist>**: Loads a playlist into the phone's media player.

Voice Recognition Tips

- Speak clearly when giving a command. There is no need to speak slowly or with added emphasis.
- You must end your current Voice Commands call before you can make

another call using Voice Commands. To make a three-way call, only the first call can be made using Voice Commands.

- In very noise environments, it may be helpful to use a headset or a Bluetooth headset.

Settings

Select **<Settings>** to see a list of settings and information for voice command software.

- **Confirmation**: sets whether the system asks for confirmation of what is said
- **Adaptation**: trains the software to respond to your voice
- **Audio Modes**: sets the level of audio guidance to Expert Mode (beep only), Prompt Mode (voice prompts for required information), or Readout Mode (voice reads menu selections and provides additional help).
- **Sensitivity**: adjusts the system sensitivity
- **About**: displays the software version.

web

Learn to use Internet Explorer, Messenger, RSS Reader, Podcast, Communities, Microsoft My Phone, and Search Widget.

Internet Explorer

Use Internet Explorer to browse web pages and bookmark your favourite web pages.

Browse a web page

1. On the Home screen, press **<Start>** → **Internet Explorer**.
2. Access a web page:
 - Press either softkey to display the menu bar.
 - Press **<Menu>** → **Go to Web Address** to enter a web address and find a specific web page.
 - Press **<Menu>** → **Favorites** and select a bookmark.
 - Press **<Menu>** → **History** to select a web address from the history list.



To close the web connection. Press **<Menu>** → **Exit**.

Add a bookmark

1. On the Home screen, press <Start> → **Internet Explorer**.
2. Access a web page you want to bookmark and press <Menu> → **Add to Favorites**.
3. Enter the bookmark name and address (if necessary). You can also change the folder where you want to save the bookmark.
4. Press <Add>.

Change browser settings

From the browser, press <Menu> → **Tools** → **Options**:

- **Home Page**: set a WAP address for your home page
- **Browsing History**: view information about the memory currently in use for temporary files, cookies, and history
- **Privacy and Security**: set various security options

- **Languages**: set your preferred languages to display
- **Connections**: configure connection settings
- **Other**: set sound and display settings for the browser

Messenger

Windows Live Messenger lets you chat online and send instant messages, play games, or share photos with your favourite people or groups.

Set up Messenger and sign in

1. On the Home screen, press <Start> → **Messenger**.
2. Scroll left or right to select your login status.
3. Press <Sign in>.

4. Press <**Accept**> to confirm that you agree to the general disclaimer.



The first time you use Messenger, you are required to enter your Windows Live or Hotmail email address and password, then select various options, pressing <**Next**> after you complete each screen.

Chat using Messenger

1. From the Messenger screen, locate and select a contact's name, and then press <**Send IM**>.
2. Enter a message in the text field at the bottom of the screen, and then press <**Send**>.
3. While chatting, you can perform the following actions:
 - Insert emoticons: press <**Menu**> → **Add emoticon**
 - Invite a contact to chat: press <**Menu**> → **Options** → **Add participant**

- Transfer a file: press <**Menu**> → **Send** → a file type → a file
- Record and send a voice clip: select **Voice clip**, record your voice clip, and then press <**Send**>
- Switch between the contact list and chat: scroll left or right

To end the chat, press <**Menu**> → **End conversation**.

RSS Reader

Learn to use RSS reader to get the latest news and information from your favourite websites.

Create feeds

1. On the Home screen, press <**Start**> → **Applications** → **RSS Reader**.
2. Press <**Menu**> → **Edit** → **New feed**.

3. Enter the address of a RSS feed and select the folder under which you want to add the RSS feed and press **<OK>**.



To create a new folder, press **<Menu>** → **Edit** → **New folder**

Import feeds

You can add feeds by importing OPML files.

1. On the Home screen, press **<Start>** → **Applications** → **RSS Reader**.
2. Press **<Menu>** → **OPML** → **Import** → **Select OPML file** or **Enter OPML URL**.
3. Locate an OPML file or enter the address of an OPML URL.

Read RSS feeds

1. On the Home screen, press **<Start>** → **Applications** → **RSS Reader**.
2. Scroll to a feed and press **<Update>** to get the latest contents.

3. When the update is finished, press **<Done>**.
4. Press the Confirm key to select an updated feed.

Find new feeds

1. On the Home screen, press **<Start>** → **Applications** → **RSS Reader**.
2. Press **<Menu>** → **Feed search**.
3. Enter a keyword and press **<Search>**.
Your phone searches for related feeds on the internet and displays the results.
4. Scroll to the feed and press **<Add>** to add it to the RSS feed list.

Podcast

Use Podcast to download audio or video files from the web and play them on your phone.

Subscribe to a podcast

1. On the Home screen, press **<Start>** → **Applications** → **Podcast** → **Podcasts**.
2. Press **<Menu>** → **Subscribe to Podcast**.
3. Enter a web address (URL) and press **<Subscribe>** → **<Yes>**.
4. Follow the on-screen instructions to complete the setup.

Search for a podcast

1. On the Home screen, press **<Start>** → **Applications** → **Podcast** → **Podcasts**.
2. Press **<Menu>** → **Search Podcast**.
3. Enter a keyword and press **<Search>**.

Your phone searches for related reports on the internet and displays the results.

4. Scroll to the report and press **<Add>** to add it to the podcast list.

Download and play a podcast

1. On the Home screen, press **<Start>** → **Applications** → **Podcast** → **Podcasts**.
2. Scroll to a podcast and press **<Get>** to download it.

The podcast automatically plays in Windows Media Player.

Communities

With Communities, you can upload photos and videos to your favourite websites and blogs and get the latest updates from them.



Communities is available only if supported by your service provider or region.

Set your favourite destination list

1. On the Home screen, press **<Start>** → **Applications** → **Communities**.
2. Press **<Accept>** to confirm that you agree to the general disclaimer.
3. If necessary, press **<OK>** to update the site list and set your preferred destinations. Select the websites or blogs you want to add and press **<Done>**.
4. To update the site list, select **<Menu>** → **Update site list**. New destination sites are added to the list automatically.
5. To remove a site from your list, highlight the site name and select **<Menu>** → **Delete** → **OK**.

Upload a file

1. On the Home screen, press **<Start>** → **Applications** → **Communities**.
2. Scroll to a community.
3. Press **<Upload>**.
4. Follow the on-screen instructions to sign in (if necessary).
5. Press **<Menu>** → **Add file** → a photo or video.
6. Enter the title for the photo or video and press **<Done>**.

Microsoft My Phone

You can synchronize the phone's contacts, calendar, tasks, text messages, music, photos, videos, and other documents with your Microsoft My Phone account.

1. On the Home screen, press <**Start**> → **Microsoft My Phone**.
2. Press <**Next**>.
3. Press <**Accept**>.
4. Enter your user name and password and press <**Sign in**>.
5. Synchronize the data with your phone and the web.
You will be able to access and use the data on your My Phone page.

Search Widget

You can search for information on the web.

1. On the Home screen, press <**Start**> → **Search Widget**.
2. Press <**Continue**>.
3. Enter a search term and press <**Search**>.
4. Select the data you want to access.

connectivity

Learn to connect to a wireless LAN, transfer data to and from your phone via the Bluetooth wireless feature or the PC data cable and synchronize your phone to a PC with ActiveSync. You can also set up data or network connections for connecting to the internet or your private network.

Wi-Fi

You can activate Wi-Fi communication and connect to a wireless LAN (WLAN). When you are in range of an active WLAN network, your phone can detect and connect to the WLAN to make calls, send data over the internet or browse the web.

Activate and connect to a WLAN

1. On the Home screen, press **<Start>** → **Settings** → **Connections** → **Wi-Fi** → **Wi-Fi**.
2. Press **<Menu>** → **Turn On Wi-Fi**.
The phone displays available WLAN connections.
3. Select a network profile from the list.
The phone will attempt to connect to the WLAN.
4. Select a network type and press **<Next>**.

5. If required, enter network key information and the network key, then press **<Next>**.
6. Set the IEEE 802.1x access option and the extensible authentication protocol (EAP) type (if necessary) and press **<Finish>**.

Create a new WLAN profile

1. On the Home screen, press **<Start>** → **Settings** → **Connections** → **Wi-Fi** → **Wi-Fi**.
2. Press **<Menu>** → **Add**.
3. Enter a network name and configure connection settings.
4. When you are finished, press **<Next>**.
5. Enter network authentication settings and press **<Next>**.
6. Set the IEEE 802.1x access option and the extensible authentication protocol (EAP) type (if necessary) and press **<Finish>**.

Bluetooth

You can connect with other Bluetooth-enabled wireless devices over a distance of approximately 10 metres (30 feet). Walls or other obstacles between devices may block or impair the wireless connection.

Turn on the Bluetooth wireless feature

1. On the Home screen, press **<Start>** → **Settings** → **Connections** → **Bluetooth** → **Bluetooth**.
2. Press **<Menu>** → **Turn On Bluetooth**.
3. To allow other devices to find and connect to your phone, press **<Menu>** → **Turn On Visibility**.

Search for and pair with a Bluetooth-enabled device

1. On the Home screen, press **<Start>** → **Settings** → **Connections** → **Bluetooth** → **Bluetooth**.
2. Select **Add new device...**
Your phone will search for and display the list of Bluetooth-enabled devices.
3. Scroll to a device and press **<Next>**.
4. Enter the Bluetooth PIN and press **<Next>**.



To pair with another Bluetooth enabled device, both devices must use the same PIN. Headsets or hands-free car kit may use a fixed PIN, such as **0000**.

5. Press **<Done>**.

Send data via the Bluetooth wireless feature

1. Select the file or item from one of your phone's applications that you want to send.
2. Press **<Menu>** → **Send** → **via Bluetooth** or **<Menu>** → **Send Contact** → **Beam**.
3. Scroll to a device from the list and press **<Beam>**.

Receive data via the Bluetooth wireless feature

To set your phone to receive data from other devices

1. On the Home screen, press **<Start>** → **Settings** → **Connections** → **Beam**.
2. Select the check box next to **Receive incoming beams** (if necessary).
3. Press **<Done>**.

After receiving data from other devices, press <Yes> to save the data on your phone.



Received items are placed in the My Documents folder.

Set up a Bluetooth COM port

When you connect to a Bluetooth device supporting the Serial profile, you can establish a Bluetooth COM port.

1. On the Home screen, press <Start> → **Settings** → **Connections** → **Bluetooth** → **Bluetooth**.
2. Press <Menu> → **COM Ports** → <Menu> → **New Outgoing Port**.
3. Scroll to the name of the device and press <Select>.
4. Choose a COM port.

5. Select the check box next to **Secure Connection** to create a secure connection between the devices.
6. Press <Done>.

USB

You can connect with other devices as a network device or external memory device using the USB interface.

Set a default action for your USB connection

To set your phone to perform a default action when you connect the phone to a PC with the PC data cable

1. On the Home screen, press <Start> → **Settings** → **Connections** → **USB**.
2. Set the default USB mode (**ActiveSync** or **Mass storage**).

3. Press <Done>.

To use ActiveSync, see “Activesync” below.

Copy files to a memory card

1. Insert a memory card into the phone.
2. Change the USB connection to **Mass storage** (see above).
3. Connect your phone to a PC using the PC data cable. The memory card appears in the PC's list of removable storage devices.
4. Open a folder on the card to view files.
5. Copy files between the PC and memory card as required.
6. When you are finished, disconnect the phone from the PC.

ActiveSync

With ActiveSync, you can synchronize your phone with a PC and back up and restore your data.

Install synchronization software on your PC

Before you can synchronize your data, you must download and install synchronization software on your PC from the Microsoft website (<http://www.microsoft.com>). If you are using Windows XP, install ActiveSync. If you are using Windows Vista or Windows 7, install Windows Mobile Device Center.

Synchronize your data

1. On the Home screen, press <Start> → **Settings** → **Connections** → **USB**.
2. Change the USB connection to **ActiveSync** and press <Done>.

3. Connect one end of the PC data cable to the multifunction jack on your phone and the other end to the USB port on your PC.
4. If the PC synchronization software does not start automatically, open the synchronization program.

ActiveSync should begin synchronizing your data automatically. You can also start and stop the synchronization manually.

You can also manually find and copy files between your phone and a PC. In Microsoft ActiveSync, click **Explore**. In Windows Mobile Device Center, click **File Management**.

For more details on synchronizing your data, refer to the Help menu.

Configure an Exchange server

1. On the Home screen, press <Start> → **ActiveSync**.
2. Press <Menu> → **Add Server Source** or **Configure Server** if you have set up synchronization with an Exchange server).
3. Enter your email address and press <Next>.
4. Enter a user name, password, and domain address then press <Next>.
5. Enter a server address.
6. To establish a secure connection, select the check box next to **This server requires an encrypted (SSL) connection**.
7. Press <Next>.
8. Select the types of data to synchronize.
9. When you are finished, press <Finish>.

Change the synchronization schedule

If you routinely synchronize your data via an Exchange server, you can configure settings for both peak and off-peak schedules.

To change the synchronization schedules,

1. On the ActiveSync screen, press **<Menu>** → **Schedule**.
2. Set the following options:
 - **Peak times:** set the frequency of synchronizations during peak hours
 - **Off-peak times:** set the frequency of synchronizations during non-peak hours
 - **Use above settings when roaming:** set to use the synchronization schedules even when roaming
 - **Send/receive when I click Send:** set to synchronize each time you send or receive email
3. When you are finished, press **<Done>**.

Internet Sharing

You can use your phone as a wireless modem to allow Internet access from a PC.

1. Connect your phone to a PC using the PC data cable or the Bluetooth wireless feature.
2. On the Home screen, press **<Start>** → **Internet Sharing**.
3. Select the PC connection and network connection type, and then press **<Connect>**.



While you are connected to the internet via Internet Sharing, ActiveSync is deactivated.

Connections

To connect to the internet or your network and transfer data, create data and network connections.

Before you begin, obtain the following information:

- From your cellular network service provider: data connectivity plan information, server phone number, user name, and password.
- From your Internet service provider (ISP) or wireless service provider: ISP server phone number or access point, user name, and password.



Your phone should already be configured with internet access. If you have trouble accessing the internet, you need to edit connections. If you are not sure about the information to enter, ask your service provider.

Set up GPRS connections

1. On the Home screen, press **<Start>** → **Settings** → **Connections** → **GPRS**.
2. Press **<Menu>** → **Add** to add a new connection.
3. Set the connection information (see "GPRS" on page 69).
4. When you are finished, press **<Done>**.

Set up proxy server connections

1. On the Home screen, press **<Start>** → **Settings** → **Connections** → **Proxy**.
2. Press **<Menu>** → **Add** to add a new connection.
3. Set the connection information (see "Proxy" on page 69 for details).
4. When you are finished, press **<Done>**.

Set up VPN server connections

1. On the Home screen, press **<Start>** → **Settings** → **Connections** → **VPN**.

2. Press <Menu> → **Add** to add a new connection.
3. Set the connection information (see "VPN" on page 70 for details).
4. When you are finished, press <Done>.



additional programs

Learn to use Games, Java, World Clock, Alarms, Calculator, Smart Converter, StopWatch, Search, and My Files.

Games

To play games

1. On the Home screen, press <Start> → **Games**.
2. Select a game from the list and follow the on-screen instructions.



Available games may vary, depending on your service provider or region. Game controls and options vary.

Java

Java is a folder where downloaded games and applications are stored.

Launch applications

1. On the Home screen, press <Start> → **Applications** → **Java** → an application.
2. Press <Menu> to access a list of various options and settings for your application.

World Clock

With a world clock, you can monitor the time in another region.

To create a world clock

1. On the Home screen, press **<Start>** → **Organizer** → **World Clock**.
2. Press **<Add>**.
3. Scroll left or right to a time zone.
4. Scroll up and down to select a city.
5. Press **<Done>**.

To set daylight saving time, highlight the clock and press **<Menu>** → **Apply DST**.

Alarms

Learn to set and control alarms to wake you up or for important events.

Set a new alarm

1. On the Home screen, press **<Start>** → **Organizer** → **Alarms**.
2. Press **<Menu>** → **New**.
3. Set alarm details.
4. When you are finished, press **<Done>**.

Stop an alarm

When the alarm sounds

- Press **<OK>** to stop an alarm without snooze.
- Press **<Dismiss>** to stop an alarm without snooze or press **<Snooze>** to silence the alarm for the snooze period.

Calculator

1. On the Home screen, press <Start> → **Organizer** → **Calculator**.
2. Use the keys that correspond to the calculator display to perform basic mathematical operations.

Tip Calculator

Use Tip Calculator to calculate tips at a restaurant.

1. On the Home screen, press <Start> → **Organizer** → **Tip Calculator**.
2. Enter an amount in **Bill Amount**.
3. Scroll down and select a percentage.
4. If necessary, scroll down and enter the number of people splitting the bill.
The phone displays the tip amount, total bill, and the cost per person.

Smart Converter

With Smart Converter, you can convert measurements or currencies from one unit to another.

1. On the Home screen, press <Start> → **Organizer** → **Smart Converter**.
2. Select the type of measurement.
3. Scroll left or right to change the base unit (if necessary).
4. Scroll down and enter the base amount.
5. Scroll down and scroll left or right to change the conversion unit (if necessary).
The phone displays the conversion result.

StopWatch

1. On the Home screen, press <Start> → **Organizer** → **StopWatch**.
2. Press <Start> to begin timing.
3. Press <Record> to record lap times.
4. When you are finished, press <Stop>.
5. Press <Reset> to clear recorded times.

Search

1. On the Home screen, press <Start> → **Organizer** → **Search**.
2. Enter part of a file or folder name in the search field.



You can restrict your search by pressing **Menu** → **Filter** and selecting a data type from the category list

3. Press <Search>.
4. To open an item in the result list, select the item's name.

My Files

With My Files, you can browse all the files and folders on your phone.

On the Home screen, press <Start> → **My Files**.

Press <Menu> to sort, send, rename, delete, or edit your files and folders.

Settings-

To access your phone settings, on the Home screen press <Start> → **Settings**.



To access more setting options, scroll down or select **More...**

Phone

Control how your phone handles calls with caller ID, call waiting, and other call settings.

All Calls

- **Call Options:** set the following call options
 - Any key answer:** set to answer a call when you press any key (except [⏏])
 - Show SIM contacts:** set to show contact cards stored on the SIM card
 - Phone number:** view your phone number
 - Voice mail number:** set the voice mail number provided by your service provider
 - Text messages service centre:** set the text message service number provided by your service provider

Country code: set your country code

Area Code: set your area code

- **Caller ID:** set to send your caller ID based on your preferences or network settings
- **Fixed Dialing:** set to allow outgoing calls only to a limited set of phone numbers

Fixed Dialing Mode: activate the FDN (Fixed Dialing Number) mode

Fixed Dialing Number: set up the FDN list



Depending on your service provider, this sub-menu may vary.

- **Networks:** set the following options for connecting to a network
 - Current network:** view the current network
 - Network selection:** set the phone to automatically or manually select from a list of cellular networks



To receive service on another network, you must select one that has a roaming agreement with your home network.

Voice Calls

- **Auto Answer:** set the time delay before the phone automatically accepts an incoming call while you are using hands-free accessories
- **Call Waiting:** set to alert you of an incoming call while you are on a call
- **Call Barring:** restrict incoming or outgoing calls
 - Block incoming calls:** activate or deactivate incoming call barring
 - Block outgoing calls:** activate or deactivate outgoing call barring
- **Call Forwarding:** divert incoming calls to another number
 - Unconditional:** set to divert all voice calls
 - Busy:** set to divert calls when you are on another call
 - No Reply:** set to divert calls when you do not answer

Unavailable: set to divert calls when your phone is off or out of service

Own Numbers

Save your phone numbers on the SIM card. The saved numbers do not affect the actual subscriber phone number of your SIM card.

Sounds

Customise various sound settings.

- **Ringtone:** set a ringtone for incoming calls
- **Other Sounds:** set alert tone for various events, such as receipt of a message

Display

Change the display settings.

Home Screen

- **Home screen layout:** choose a layout for the Home screen

- **Show Recent Programs:** set to display the Recent Programs screen when you press <Start>
- **Color scheme:** set a skin color
- **Background image:** set a wallpaper
- **Time out:** set the time delay before the current screen switches to the Home screen

Start Menu Style

Set the menu to open in Grid or List style when you press <Start>.

Profiles

Change the sound profile (see "Set your phone profile" on page 18).

Date and Time

Control the appearance and behaviour of the date and time.

- **Time zone:** set the time zone
- **Date:** set the current date
- **Time:** set the current time
- **Auto update:** set to receive time information from the network and automatically update the current time. This option is available only if supported by your network.

Connections

Control the Bluetooth wireless feature or USB connection and set up dial-up, GPRS, proxy, and VPN connections so that you can connect to the internet or your private network.

Wireless Manager

Set to disable or enable your Wi-Fi, Bluetooth and phone wireless functions.

Beam

Set the phone to receive data beamed from other Bluetooth devices.

Bluetooth

- **Bluetooth:** control the Bluetooth wireless feature (see "Bluetooth" on page 53).
- **Headset Manager:** find and pair with other Bluetooth headsets
- **Smart Pairing Setting:** set the phone to automatically pair with other Bluetooth devices
- **Limited Discoverable Mode Setting:** set duration that your phone is visible
- **Bluetooth FTP Server Setting:** change the folder where received data is saved

- **Default Printer Manager:** set a default Bluetooth printer when Bluetooth printers are paired with your phone



Once the default Bluetooth printer is selected, you can print images from Contents Manager.

- **SIM Access Profile:** set your phone to make or answer calls with a connected Bluetooth hands-free car kit via the SIM card on your phone
- **My Information:** check your phone's name and other information

USB

Controls whether your phone enables ActiveSync or Mass Storage mode when you connect it to a PC.

GPRS

To set up GPRS connections, select **New...** to access the following options:

- **Description:** set a name for the GPRS connection
- **Connects to:** set a network type to use to connect to the internet
- **Access point:** set an access point name
- **User name:** set a user name
- **Password:** set a password for the GPRS connection
- **Authentication Type:** set an authentication type
- **Primary DNS:** set the primary domain name server (DNS) address
- **Secondary DNS:** set the secondary domain name server (DNS) address
- **IP address:** enter the gateway IP address provided by your service provider

Proxy

To set up proxy connections, select **New...** to access the following options:

- **Description:** set a name for the proxy connection
- **Connects from:** set a network type to use to connect from
- **Connects to:** set a network type to use to connect to the internet
- **Proxy (name:port):** set a name and port number of the proxy server
- **Type:** set a network type to use to connect to the proxy server
- **User name:** set a user name
- **Password:** set a password for the proxy connection

VPN

To set up VPN connections, select **New...** to access the following options:

- **Description:** set a name for the VPN connection
- **VPN type:** set a VPN type

- **Server:** set a name of the VPN server
- **Connects from:** set a network type to use to connect from
- **Connects to:** set a network type to use to connect to the internet
- **User name:** set a user name
- **Password:** set a password for the VPN connection
- **Domain:** set a domain name
- **IPSec authentication:** set the type of IPSec authentication
- **IPSec Pre-shared key:** set the IPSec pre-shared key

Wi-Fi

- **Wi-Fi:** Lets you search for available wireless networks and save wireless connections.
- **Wi-Fi Status:** View your phone's MAC and IP addresses.

- **Wi-Fi Always On:** Set your Wi-Fi connection to be always activated.

A-GPS/Enhanced GPS Settings

Enables GPS functionality enhancement by downloading GPS data files. You can improve the speed and accuracy of positioning capability and expand your navigation to areas where cellular networks are accessible. Use XTRA or Assist GPS, depending on your service provider.

Domain Enroll

Enrolling in a domain connects your phone with company resources. You will need the enrollment password provided by your system administrator.

Security

Set security codes and manage security certificates or security modules.

- **Device Lock:** set a lock code for the phone
- **Enable SIM PIN:** set the phone to request a PIN each time you turn it on
- **Enable SIM Lock:** sets a password that is required in order to use the phone with a different SIM card; when SIM Lock is enabled, you are not able to use a different SIM card in your phone without entering the SIM Lock password.
- **Change SIM PIN:** change the SIM PIN code
- **Change PIN2:** change the PIN2 code
- **Certificates:** view security certificates. These certificates help keep your personal data secure and help you avoid viruses and other dangerous software
- **Encryption:** set to encrypt files as they are placed on a memory card
- **Change Barring Password:** change a call barring password
- **Change Reset Password:** change the password for resetting the phone

- **Master Clear:** reset settings to their factory defaults

Message Ticker

Set to display a “ticker” image for new messages. When you have a new message, the message appears with the selected image on the Home screen.

Remove Programs

Remove programs you have installed on your phone. Scroll to a program and press <Menu> → **Remove**.

Power Management

- **Main battery:** view the remaining battery capacity
- **Backlight time out on battery:** set the time delay before the backlight turns off when the phone is idle

- **Backlight time out on AC:** set the time delay before the backlight turns off when the travel adapter is connected and the phone is idle
- **Display time out:** set the time delay before the display turns off when the phone is idle
- **Display brightness:** set the brightness of the display
- **Keypad backlight on:** set the time option for the keypad backlight to work. If you select **Custom time**, you can set the options below
- **Start time:** set the starting time for the keypad backlight to work
- **End time:** set the ending time for the keypad backlight to work

Memory Info

View information about the memory currently in use on the phone and a memory card.

Key Settings

Alt Key Settings

Set shortcuts to access applications or functions easily by pressing and holding **[Alt]** and specific keys.

Vanity Dialing

Allows dialing vanity phone numbers (such as 1800Samsung) from the home screen or dialer.

Regional Settings

- **Language:** set a display language (for all menus and applications)
- **Locale:** set your region
- **Short date style:** set a date format
- **Long date style:** set a date format

- **Time format:** set a time format
- **Positive number:** set how you want positive numbers displayed
- **Negative number:** set how you want negative numbers displayed
- **Positive currency:** set how you want positive currency displayed
- **Negative currency:** set how you want negative currency displayed

Owner Information

Store your contact information.

Accessibility

- **System font size:** set the text size on the display
- **Confirmation time out:** set the delay before an unconfirmed action times out

About

View your phone information.

Version

View the software and hardware versions of your phone.

Error Reporting

Set your phone to send an error report to Microsoft when an error occurs during software operation. This helps Microsoft improve future version of products.

Customer Feedback

Set your phone to send some feedback to Microsoft about how you are using Windows Mobile products. This helps identify trends and usage patterns to improve future versions of products.

Managed Programs

View the history of program installation.

Setup E-mail

Create a new email account.

Device Name

Set your phone's name to be used to identify it on networks.

troubleshooting

If you have trouble with your phone, try these procedures before you contact a service professional.

While using your phone, the following messages may appear:

Message	Try this to solve the problem:
SIM Failure	Ensure that the SIM card is installed correctly.
Enter SIM PIN	When using the phone for the first time or when the PIN requirement is enabled, you must enter the PIN supplied with the SIM card. To disable this feature, press <Start> → Settings → Security → Disable SIM PIN .

Message	Try this to solve the problem:
PUK Required	Your SIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider.

Your phone does not show a signal (no bars next to the network icon).

- If you just turned on the phone, wait about 2 minutes for your phone to find the network and receive a signal.
- You may not be able to receive a signal in tunnels or elevators. Move to an open area.

- You may be between service areas. You should receive a signal when you enter a service area.


You forgot a security, PIN, or PUK code.

If you forget or lose this or another code, contact the seller or your service provider.

Your display shows white lines.

The display may show white lines if you have turned the phone on after a long period of disuse or if you removed the battery without first turning off the phone. The display should correct itself in a short time.

You enter a number, but the call is not dialed.

- Ensure that you have pressed [].
- Ensure that you have accessed the right cellular network.

- Ensure that you have not set call barring for the phone number.

You select a contact to call, but the call is not dialed.

- Ensure that the correct number is stored in the contact information.
- Re-enter and save the number, if necessary.

Another caller cannot hear you speaking.

- Ensure that you are not blocking the built-in microphone.
- Move the built-in microphone closer to your mouth.
- If using a headset, ensure that it is properly connected.

The sound quality of a call is poor.

- Ensure that you are not blocking the internal antenna.

- When you are in areas with weak signals, you may lose reception. Move to another area and try again.

The battery does not charge properly or sometimes your phone turns itself off while charging.

- Disconnect the phone from the charger, remove and reinstall the battery, and try charging again.
- The battery terminals may be dirty. Wipe both gold-coloured contacts with a clean, soft cloth and try charging the battery again.
- If the battery no longer charges completely, replace it with a new battery and dispose of the old battery properly.

Your phone is hot to the touch.

When you use applications that require more power, your phone may heat up. This is normal and should not affect your phone's lifespan or performance.

Your phone prompts you to delete some data.

The available memory is low. Move your data to a memory card or delete old items from applications.

Your phone cannot connect to the internet.

- Ensure you have entered valid settings for your internet service provider.
- Ensure you have activated the wireless connection to your mobile service provider and that the signal is not obstructed.
- Ensure that you have entered the correct user name and password.

You cannot find a Bluetooth-enabled device.

- Ensure that both devices have activated the Bluetooth wireless feature.
- Ensure that the distance between the devices is not more than 10 metres and that they are not separated by walls or other obstacles.
- Ensure that the settings for each device allow them to be visible to other devices.
- Ensure that both devices are compatible with Bluetooth wireless technology.
- Ensure that the correct PIN has been entered on both devices.

You cannot listen to music on a remote Bluetooth headset.

- Ensure that your phone is connected to the headset.
- Ensure that the music format you are trying to listen to is supported by the headset.
- Ensure that the distance between the headset and phone is not more than 10 metres and that they are not separated by walls or other obstacles.

safety and usage information

Comply with the following precautions to avoid dangerous or illegal situations and ensure peak performance of your mobile phone.



Safety warnings

Keep phone from children and pets

Keep your phone and all accessories out of the reach of small children or animals. Small parts may cause choking or serious injury if swallowed. Children could also damage the phone, dial 911 by mistake or make calls that increase your phone bill.

Protect your hearing



Excessive exposure to sound at high volume can cause hearing damage. Always turn the volume down before plugging in the earphones and use only the minimum volume setting necessary to hear your conversation or music.

Install mobile devices and equipment with caution

Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted. Avoid placing your phone and accessories near or in an air bag deployment area. Improperly installed wireless equipment can cause serious injury when air bags inflate rapidly.

Handle and dispose of batteries and chargers with care

- Use only Samsung-approved batteries and chargers specifically designed for your phone. Incompatible batteries and chargers can cause serious injuries or damage to your phone.
- Never dispose of batteries or phones in a fire. Follow all local regulations when disposing of used batteries or phones.

- Never place batteries or phones on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode when overheated.
- Never crush or puncture the battery. Avoid exposing the battery to high external pressure, which can lead to an internal short circuit and overheating.

Avoid interference with pacemakers

Maintain a minimum of 15 cm (6 inches) between mobile phones and pacemakers to avoid potential interference, as recommended by manufacturers and the independent research group, Wireless Technology Research. If you have any reason to suspect that your phone is interfering with a pacemaker or other medical device, turn off the phone immediately and contact the manufacturer of the pacemaker or medical device for guidance.

Turn off the phone in potentially explosive environments

Do not use your phone at refuelling points (service stations) or near fuels or chemicals. Turn off your phone whenever directed by warning signs or instructions. Your phone could cause explosions or fire in and around fuel or chemical storage and transfer areas or blasting areas. Do not store or carry flammable liquids, gases, or explosive materials in the same



CAUTION

Safety precautions

Drive safely at all times

Avoid using your phone while driving and obey all regulations that restrict the use of mobile phones while driving. Use hands-free accessories to increase your safety when possible.

compartment as the phone, its parts, or accessories.

Do not use the phone if the screen is cracked or broken

Broken glass or acrylic could cause injury to your hand and face. Bring the phone to a Samsung service centre to replace the screen. Damage caused by careless handling will void your manufacturer's warranty.

Follow all safety warnings and regulations

Comply with any regulations that restrict the use of a mobile phone in a certain area.

Use only Samsung-approved accessories

Using incompatible accessories may damage your phone or cause injury. The only stereo headset approved for use with this phone is Samsung GH59-07305A stereo headset.

Turn off the phone near medical equipment

Your phone can interfere with medical equipment in hospitals or health care facilities. Follow all regulations, posted warnings, and directions from medical personnel.

Turn off the phone or disable the wireless functions when in an aircraft

Your phone can cause interference with aircraft equipment. Follow all airline regulations and turn off your phone or switch to a mode that

disables the wireless functions when directed by airline personnel.

Avoid interference with other electronic devices

Your phone emits radio frequency (RF) signals that may interfere with unshielded or improperly shielded electronic equipment, such as pacemakers, hearing aids, medical devices, and other electronic devices in homes or vehicles. Consult the manufacturers of your electronic devices to solve any interference problems you experience.

Protect batteries and chargers from damage

- Avoid exposing batteries to very cold or very hot temperatures (below 0° C/32° F or above 45° C/113° F). Extreme temperatures

can reduce the charging capacity and life of your batteries.

- Prevent batteries from contacting metal objects, as this can create a connection between the + and - terminals of your batteries and lead to temporary or permanent battery damage.
- Never use a damaged charger or battery.

Handle your phone carefully and sensibly

- Do not disassemble your phone due to a risk of electric shock.
- Do not allow your phone to get wet—liquids can cause serious damage and will change the colour of the label that indicates water damage inside the phone. Do not handle your phone with wet hands. Water damage to your phone can void your manufacturer's warranty.

- Avoid using or storing your phone in dusty, dirty areas to prevent damage to moving parts.
- Your phone is a complex electronic device—protect it from impacts and rough handling to avoid serious damage.
- Do not paint your phone, as paint can clog moving parts and prevent proper operation.
- Your phone may be damaged by exposure to magnetic fields. Do not use carrying cases or accessories with magnetic closures or allow your phone to come in contact with magnetic fields for extended periods of time.

Reduce the risk of repetitive motion injuries

While using your phone, hold it with a relaxed grip, press the keys lightly, use special features that reduce the number of keys you have to press (such as templates and predictive text), and take frequent breaks.



Important usage information

Signal Strength

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal. If you're inside a building, being near a window may give you better reception.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your

call controls the power level. This power can range from 0.006 watts to 0.2 watts.

Allow only qualified personnel to service your phone

Allowing unqualified personnel to service your phone may result in damage to your phone and will void your warranty.

Ensure maximum battery and charger life

- Avoid charging batteries for more than a week, as overcharging may shorten battery life.
- Over time, unused batteries will discharge and must be recharged before use.

- Disconnect chargers from power sources when not in use.
- Use batteries only for their intended purpose.

Handle SIM cards and memory cards with care

- Do not remove a card while the phone is transferring or accessing information, as this could result in loss of data and/or damage to the card or phone.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- Frequent writing and erasing will shorten the life span of memory cards.
- Do not touch gold-coloured contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.

Ensure access to emergency services

Emergency calls from your phone may not be possible in some areas or circumstances. Before travelling in remote or undeveloped areas, plan an alternate method of contacting emergency services personnel.

Correct disposal of this product

The product and its electronic accessories (e.g., charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Correct disposal of batteries in this product

The batteries in this product should not be disposed of with other household waste at the end of their working life.

Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above reference levels. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

This phone is compliant with RoHS.

Radio frequency safety

The design of your phone complies with updated NCRP standards described below. In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

Acknowledging special precautions and Industry Canada notice

This equipment has been tested and found to comply with the limits of 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 / 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 your dealer or an experienced radio/TV technician for help.

Specific Absorption Rates (SAR)

The SAR is a value that corresponds to the relative amount of RF energy absorbed in the head of a user of a wireless handset.

The SAR value of a phone is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less than the level reported to

the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All phones must meet the federal standard, which incorporates a substantial margin of safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

Maximum measured SAR values for the B7330 are:

GSM 850

Head: 0.96 W/kg

Body: 1.32 W/kg

GSM 1900

Head: 0.43 W/kg

Body: 0.50 W/kg

WCDMA 850

Head: 0.80 W/kg

Body: 0.68 W/kg

WCDMA 1900

Head: 0.76 W/kg

Body: 0.49 W/kg

Owner's Record

The model number, regulatory number and serial number are located on a nameplate inside the battery compartment.

Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: GT-B7330

Serial No.:

warranty information

Standard Limited Warranty

What is Covered and For How Long?

SAMSUNG Electronics Canada Inc. (SAMSUNG) warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used

or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations?

During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to

an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-800-SAMSUNG. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days,

whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

What Are the Limits On SAMSUNG's Liability? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

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