



# Using this guide

Thank you for purchasing this Samsung mobile device. This device will provide you with high quality mobile communication and entertainment based on Samsung's exceptional technology and high standards.

This guide has been specially designed to guide you through the basics of your device, such as assembling and getting started with the device.

- Please read this guide carefully before using your device to ensure safe and correct use.
- The descriptions in this guide are based on the default settings of your device.
- Please keep this guide for future reference.

You can get more detailed descriptions and instructions for using the device's features from the PDF format user manual. Visit the Samsung website (www.samsungmobile. com) to view your device's user manual.

#### Instructional icons

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



**Warning**—situations that could cause injury to yourself or others



**Caution**—situations that could cause damage to your device 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: In Idle mode, open the application list and select Messaging → New message (represents Messaging, followed by New message)
- [ ] **Square brackets**—device keys; for example: [⊙] (represents the Power key)

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- This product has an Android platform based on Linux, which can be expanded by a variety of JavaScript-based software.
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   Pat. 7,295,673; 7,460,688; 7,519,274





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#### **ABOUT DIVX VIDEO**

DivX® is a digital video format created by DivX, Inc. This is an official DivX Certified device that plays DivX video. Visit http://www.divx.com for more information and software tools to convert your files into DivX video.

#### ABOUT DIVX VIDEO-ON-DEMAND

This DivX Certified® device must be registered in order to play DivX Video-on-Demand (VOD) content. To generate the registration code, locate the DivX VOD section in the device setup menu. Go to http://vod.divx.com with this code to complete the registration process and learn more about DivX VOD.

To get your device registration code, go to **Settings** → **About phone** → **Legal information** → **License settings** → **DivX® VOD** → **Register**.

"DivX Certified® to play DivX® video up to HD 720p, including premium content." (LCD resolution: 800x480).

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# **Assembling**

# Unpack

Check your product box for the following items:

- Mobile device
- Batterv
- Travel adapter (charger)
- Quick start guide

Use only Samsung-approved software. Pirated or illegal software may cause damage or malfunctions that are not covered by your manufacturer's warranty.



- The items supplied with your device 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 device.

# Install the SIM or USIM 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 use UMTS or HSDPA services, you can purchase a Universal Subscriber Identity Module (USIM) card.

#### To install the SIM or USIM card and battery,

- If the device is on, press and hold [①] and select **Power** off to turn it off.
- Remove the back cover.



Be careful not to damage your fingernails when you remove the back cover.

Insert the SIM or USIM card.





- Place the SIM or USIM card into the device with the gold-coloured contacts facing down.
- If you do not insert a SIM or USIM card, you can only use your device's non-network services and some menus.
- Do not insert a memory card into the SIM card slot.

4 Insert the battery.



5 Replace the back cover.



# **Charge the battery**

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

You can charge the device with the provided travel adapter or by connecting the device to a PC with a PC data cable.



Use only Samsung-approved chargers and cables.
Unauthorised chargers or cables can cause batteries to explode or damage your device.



When your battery is low, the device will emit a warning tone and display a low battery message. The battery icon will also be empty and turn red. If the battery level becomes too low, the device will automatically power off. Recharge your battery to continue using your device.

## Charge with the travel adapter

- Open the cover to the multifunction jack on the top of the device
- Plug the small end of the travel adapter into the multifunction jack.



Improperly connecting the travel adapter can cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

Plug the large end of the travel adapter into a power outlet

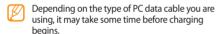


- You can use the device while it is charging, but it may take longer to fully charge the battery.
- While charging, the device may heat up. This is normal and should not affect your device's lifespan or performance.
- If your device is not charging properly, bring your device and the charger to a Samsung Service Centre.
- When the battery is fully charged (the battery icon is no longer moving), unplug the travel adapter from the device and then from the power outlet.
- Do not remove the battery before removing the travel adapter. Doing this may cause damage to the device.

## Charge with the PC data cable

Before charging, ensure that your PC is turned on.

- Open the cover to the multifunction jack on the top of the device.
- 2 Plug one end (micro USB) of the PC data cable into the multifunction jack.
- 3 Plug the other end of the PC data cable into a USB port on a PC.



4 When the battery is fully charged (the battery icon is no longer moving), unplug the PC data cable from the device and then from the PC.

# Insert a memory card (optional)

To store additional multimedia files, you must insert a memory card. Your device accepts microSD™ or microSDHC™ memory cards with maximum capacities of 32 GB (depending on memory card manufacturer and type).



Samsung uses approved industry standards for memory cards, but some brands may not be fully compatible with your device. Using an incompatible memory card may damage your device or the memory card and can corrupt data stored on the card.



- Your device supports only the FAT file structure for memory cards. If you insert a card formatted with a different file structure, your device will ask you to reformat the memory card.
- Frequent writing and erasing of data will shorten the lifespan of memory cards.
- When you insert a memory card in your device, the file directory of the memory card will appear in the /sdcard/sd folder under the internal memory (moviNAND™).
- Remove the back cover.
- 2 Insert a memory card with the gold-coloured contacts facing down.



- 3 Push the memory card in the memory card slot until it locks in place.
- 4 Replace the back cover.

## > Remove the memory card

Before removing a memory card, first unmount it for safe removal.

In Idle mode, select Applications → Settings → SD card and phone storage → Unmount SD card.

- 2 Remove the back cover.
- 3 Push the memory card gently until it disengages from the device.
- 4 Pull the memory card out of the memory card slot.
- 5 Remove the memory card.
- 6 Replace the back cover.
- Do not remove a memory card while the device is transferring or accessing information, as this could result in loss of data or damage to the memory card or device.

#### > Format the memory card

Formatting your memory card on a PC may cause incompatibilities with your device. Format the memory card only on the device.

In Idle mode, select Applications  $\rightarrow$  Settings  $\rightarrow$  SD card and phone storage  $\rightarrow$  Format SD card  $\rightarrow$  Format SD card

Before formatting the memory card, remember to make backup copies of all important data stored on your device. The manufacturer's warranty does not cover loss of data resulting user actions.

# Attach a hand strap (optional)

- 7 Remove the back cover.
- 2 Slide a hand strap through the slot and hook it over the small projection.



3 Replace the back cover.

# **Getting started**

# Turn your device on and off

To turn on your device, press and hold [①]. Your device will automatically connect to the cellular network.

If you turn on your device for the first time, tap the Android image on the screen and follow the on-screen instructions to set up your device for its first use.

To turn off your device, press and hold [①] and then select **Power off**.



- Follow all posted warnings and directions from official personnel when in areas where the use of wireless devices is restricted, such as aeroplanes and hospitals.
- To use your device's non-network services only, switch to Flight mode. Press and hold [⊕] and select Flight mode.

# Get to know your device

#### Device layout





# Keys

Key		Function
Θ	Power	Turn on the device (press and hold); End a call; Access the quick menus (press and hold); Lock the touch screen.
	Menu	Open a list of options available on the current screen.
	Home	Return to the idle screen; Open the list of recent applications (press and hold).
<b>5</b>	Back	Return to the previous screen.
	Volume	Adjust the device's volume.

#### Indicator icons



Icons shown on the display may vary depending on your region or service provider.

lcon	Definition
0	No signal
atl	Signal strength
G.	GPRS network connected
Ę	EDGE network connected
	UMTS network connected
•	WLAN activated
*	Bluetooth activated
<b>&gt;</b> \$<	Bluetooth headset connected
Ø	GPS activated

lcon	Definition
6	Voice call in progress
6	Call on hold
	Speakerphone activated
<u>F</u>	Missed call
	Synchronised with the web
(1100)	Uploading data
(mos)	Downloading data
6	Call diverting activated
- <del>}</del>	Connected to PC
	No SIM or USIM card
>	New text or multimedia message

lcon	Definition
	New email message
	New voice mail message
	Alarm activated
1	Event notification
mil	Roaming (outside of normal service area)
×	Silent mode activated
\$7	Flight mode activated
	Vibration activated
•	Music playback in progress
*	FM radio turned on in the background
1	Error occurred or caution required
	Battery power level

lcon	Definition
10:00 AM	Current time

#### Use the touch screen

Your device's touch screen lets you easily select items or perform functions. Learn basic actions to use the touch screen.



- To avoid scratching the touch screen, do not use sharp tools.
- Do not allow the touch screen to come into contact with other electrical devices. Electrostatic discharges can cause the touch screen to malfunction.
- Do not allow the touch screen to come into contact with water. The touch screen may malfunction in humid conditions or when exposed to water.



- For optimal use of the touch screen, remove the screen protection film before using your device.
- Your touch screen has a layer that detects small electrical charges emitted by the human body.
   For best performance, tap the touch screen with your fingertip. The touch screen will not react to touches of sharp tools, such as a stylus or pen.

Control your touch screen with the following actions:

- Tap: Tap once with your finger to select or launch a menu, option, or application.
- Tap and hold: Tap an item and hold it for more than 2 seconds to open a pop-up option list.
- Scroll: Tap and drag your finger up, down, left, or right to move to items on lists.
- Drag and drop: Tap and hold your finger on an item, and then drag your finger to move the item.
- Double-tap: Tap twice quickly with your finger to zoom in or out while viewing photos or web pages.



- Your device turns off the touch screen when you do not use the device for a specified period. To turn on the screen, press [O] or the Home key.
- You can also adjust the backlight time. In Idle mode, open the application list and select Settings → Sound and display → Screen timeout.

# Lock or unlock the touch screen and keys

You can lock the touch screen and keys to prevent any unwanted device operations.

To lock, press  $[\mathbb{O}]$ . To unlock, turn on the screen by pressing  $[\mathbb{O}]$  or the Home key, and then flick the grey window with your finger.

#### Get to know the idle screen

When the device is in Idle mode, you will see the idle screen. From the idle screen, you can view your device's status and access applications.

The idle screen has 7 panels. Scroll left or right to a panel of the idle screen. You can also select a dot on the top of the screen to move to the corresponding panel of the idle screen directly.

#### Add items to the idle screen

You can customise the idle screen by adding shortcuts to applications or items in applications, widgets, or folders. To add items to the idle screen.

Press  $[\Box]$   $\rightarrow$  **Add** or tap and hold the empty area on the idle screen

- Select the item category  $\rightarrow$  an item:
  - Samsung Widgets: Add Samsung widgets to the idle screen
  - Android Widgets: Add Android widgets to the idle screen.
  - Shortcuts: Add shortcuts to items, such as applications, bookmarks, and contacts.
  - Folders: Create a new folder or add folders for your contacts.
- Wallpapers: Set a background image.



Available items may vary depending on the current idle screen mode.

#### Move items on the idle screen

- Tap and hold an item to move.
- Drag the item to the location you want when the item is magnified.

#### Remove items from the idle screen

I Tap and hold an item to remove.

The item is magnified and the trash icon appears on the application area, meaning that the application area at the bottom of the idle screen changes to the trash.

- 2 Drag the item to the trash.
- 3 When the item and the trash turn red, release the item.

## > Use the shortcuts panel

In Idle mode or while using an application, tap the indicator icons area and drag your finger down to open the shortcuts panel. You can activate or deactivate wireless connection features and access a list of a notifications, such as messages, calls, events or processing status. To hide the list, drag the bottom of the list up.

From the shortcuts panel, you can use the following options:

- Wi-Fi: Activate or deactivate the WLAN connection feature. ► p. 46
- Bluetooth: Activate or deactivate the Bluetooth wireless connection feature. ▶ p. 45
- Silent: Activate or deactivate the silent mode.
- **GPS**: Activate or deactivate the GPS feature.
- Vibration: Activate or deactivate Vibration mode.



Available options may vary depending on your region or service provider.

# Add or remove panels to the idle screen

You can add or remove panels of the idle screen to organise widgets according to your preferences and needs.

- In Idle mode, press [□] → Edit.
- 2 Select to remove a panel or + to add new panels.
- $\beta$  Press [ $\blacksquare$ ] → Save.

# **Access applications**

To access your device's applications,

- In Idle mode, select **Applications** to access the application list.
- Scroll left or right to another application screen. You can also select a dot on the top of the screen to move to the corresponding main menu screen directly.
- Select an application.



- · When you use applications provided by Google, you must have a Google account. If you do not have a Google account, sign up for a Google account.
- You can add a shortcut to an application by tapping and holding the application icon from the application list. You can move the icon to the location you want on the idle screen.

Press [♣] to return to the previous screen; Press the Home key to return to the idle screen.



Your device has a built-in motion sensor that detects its orientation. If you rotate the device while using some features, the interface will automatically switch to landscape view. To set the interface to keep the orientation when you rotate the device, select **Settings** → **Sound and display** → Orientation

# Organise applications

You can reorganise the applications in the application list by changing their order or grouping them into categories to suit your preferences and needs.

- In the application list, press  $[ = ] \rightarrow Edit$ .
- 2 Tap and hold an application.
- 3 Drag the application icon to the location you want. You can move an application icon to another main menu screen. You can also move most-used applications next to **Home**.
- 4 Press [**□**] → **Save**.

## Access recent applications

- Press and hold the Home key to open the list of applications you have accessed recently.
- 2 Select an application to access.

# **Customise your device**

Get more from your device by customising it to match your preferences.

#### Set the current time and date

- In Idle mode, open the application list and select Settings → Date and time.
- 2 Set the time and date and change other options.

#### > Turn on or off the touch tone

In Idle mode, open the application list and select **Settings**  $\rightarrow$  **Sound and display**  $\rightarrow$  **Audible selection**.

# Adjust the volume of the ringtones

Press the Volume key up or down to adjust the ringtone volume.

#### Switch to the silent mode

To mute or unmute your device, do one of the followings:

- In Idle mode, open the application list and select Phone
   → Keypad and tap and hold #.
- In Idle mode, press and hold [①] and select **Silent mode**.

# > Change your ringtone

- In Idle mode, open the application list and select Settings → Sound and display → Voice call ringtone or Video call ringtone.
- 2 Select a ringtone from the list and select **OK**.

#### Activate animation for switching windows

In Idle mode, open the application list and select **Settings** → **Sound and display** → **Animation** → **Some animations** or **All animations**.

## Select a wallpaper for the idle screen

- In Idle mode, press  $[ = ] \rightarrow$  **Wallpaper**  $\rightarrow$  an option.
- 2 Select an image.
- 3 Select Save or Set wallpaper.



Samsung is not responsible for any use of default images or wallpapers provided on your device.

# Adjust the brightness of the display

You can quickly adjust the display brightness by scrolling left or right on the indicator line of the screen.

To adjust the brightness in the setting menu,

- In Idle mode, open the application list and select Settings → Sound and display → Brightness.
- Clear the check box next to Automatic brightness adjustment.
- 3 Drag the slider to adjust the level of brightness.

#### 4 Select **OK**.



The brightness level of the display will affect how quickly the device consumes battery power.

## Set an unlock pattern

You can set an unlock pattern to prevent unauthorised people from using the device without your permission.

- In Idle mode, open the application list and select Settings → Location and security → Set unlock pattern.
- 2 See the on-screen instructions and example patterns and select Next (if necessary).
- 3 Draw a pattern by dragging your finger to connect at least 4 dots.
- 4 Select Continue.
- 5 Draw a pattern again to confirm.
- 6 Select Confirm.





- Once you set an unlock pattern, your device will require the pattern each time you turn it on. If you do not want the device to require the pattern, clear the check box next to Require pattern in Location and security.
- If you forget the unlock pattern, bring your device to a Samsung Service Centre to unlock it.
- Samsung is not responsible for any loss of passwords or private information or other damages caused by illegal software.

#### Lock your SIM or USIM card

You can lock your device by activating the PIN supplied with your SIM or USIM card.

- In Idle mode, open the application list and select Settings → Location and security → Set up SIM card lock → Lock SIM card.
- Enter your PIN and select OK.

Once the PIN lock is enabled, you must enter the PIN each time you turn on the device.



- If you enter an incorrect PIN too many times, your SIM or USIM card will be blocked. You must enter a PIN unlock key (PUK) to unblock the SIM or USIM card
- If you block your SIM or USIM card by entering an incorrect PUK, bring the card to your service provider to unblock it.

#### Activate the mobile tracker

When someone inserts a new SIM or USIM card in your device, the mobile tracker feature will automatically send the contact number to specified recipients to help you locate and recover your device.

- In Idle mode, open the application list and select Settings → Location and security → Set mobile tracker.
- Enter your password and select OK.

- Enter a phone number including a country code (with +).
- Enter a sender's name.
- Enter the text message to be sent to the recipients.
- Select **Save** → **Accept**.



You can also control the lost device via the web. Visit http://www.samsungdive.com to see the detailed information for this feature.

#### **Enter text**

You can enter text by selecting characters on the virtual keypad or by inputting handwriting on the screen.

# Change the keyboard type

You can change the keyboard type. Tap and hold the text input field and select **Input method** → a keyboard type (Swype or Samsung keypad).

# Enter text using the Swype keyboard

- Select the first character of a word and drag your finger to the second character without releasing the finger from the screen.
- 2 Pause on the second character for a moment and drag the finger to the next character.
- 3 Continue until you have finished the word.



4 Release the finger on the last character. The word is inserted into the text input field. 5 Repeat steps 1-4 to complete your text.
Tap and hold each key to enter additional characters.
You can also use the following icons:



Number	Function
0	Change case.
2	Switch between Symbol mode and ABC/ Number mode.
3	Delete characters.
4	Insert a space.



- To hide the Swype keyboard, press [♣].
- To view help information for using the Swype keyboard, tap and hold

# Enter text using the Samsung keypad

- Select and select a text input method. You can select one of key input methods (QWERTY or traditional keypad) or handwriting input methods.
- 2 Enter text by selecting alphanumeric keys or writing on the screen.

You can also use the following icons:



Number	Function
0	Change case.
2	Switch between Number/Symbol mode and ABC mode.
3	Change the text input method; Access the keypad settings (tap and hold).
4	Clear your input.
6	Start a new line.
6	Insert a space.

# **Calling**

Learn to make or answer a call or access logs. For more information, see the "Calling" section of the user manual.

#### Make a call

- In Idle mode, open the application list and select Phone → Keypad, and enter an area code and a phone number.
- Select to make a voice call.
  For a video call, select .
- 3 To end the call, select End call.

#### Answer a call

When a call comes in, drag right until Answer appears.



When the device is ringing, press the Volume key to mute the ringtone.

28 Calling

2 To end the call, select End call.

#### View call logs

You can view logs of your calls filtered by their types.

- In Idle mode, open the application list and select Phone → Call log.
- Press [ $\blacksquare$ ] → **View by** → an option to sort the call logs.



From the call logs, you can make a call or send a message directly to a contact by quickly flicking the contact to the left or right.

3 Select a log to view its details.



From the detail view, you can dial the number, send a message to the number or add the number to the phonebook or reject list.

# Creating and finding contacts

Learn to create and find a contact in memory. For more information, see the "Phonebook" section of the user manual.

#### Create a contact

- In Idle mode, open the application list and select Contacts.
- Select Create contact.
- Select a memory location.
- Enter contact information.
- Select **Save** to add the contact to memory.

You can also create a contact from the dialling screen.

- In Idle mode, open the application list and select Phone → Keypad.
- Enter a phone number.
- Select Add to Contacts → Create contact.
  - Select a memory location.
- Enter contact information.
- Select **Save** to add the contact to memory.

#### Find a contact

- In Idle mode, open the application list and select Contacts.
- Scroll up or down on the contact list.
- Select a contact's name.



Once you find a contact, you can:

- call the contact by selecting Call or Video call.
- send a message by **Send Message**.
- edit the contact information by pressing [□] →
   Edit.

# Messaging

Learn to send and view text, multimedia, or email messages. For more information, see the "Messages" section of the user manual.

#### Send a text message

In Idle mode, open the application list and select Messaging → New message.

#### Select Contacts.

You can enter a number manually or select one from the recent recipients or contact groups by selecting another button.

- 3 Select the check boxes next to contacts and select Add.
- 4 Select Type to compose and enter your message text. To insert emoticons, press [□] → Insert smiley.
- 5 Select **Send** to send the message.

## Send a multimedia message

- In Idle mode, open the application list and select Messaging → New message.
- 2 Select Contacts.

You can enter a number manually or select one from the recent recipients or contact groups by selecting another button.



3 Select the check boxes next to contacts and select Add.

When you enter an email address, the device will convert the message as a multimedia message.

- 4 Select Type to compose and enter your message text. To insert emoticons, press [□] → Insert smiley.
- 5 Press [r≡] → Attach → an option and add an item. You can select a file from the file list or create a new photo, video, or sound.
- 6 Press [=] → Add subject and add a subject for the message.
- 7 Select **Send** to send the message.

## Send an email message

- In Idle mode, open the application list and select Email → an email account.
- 2 Press [ $\blacksquare$ ] → Compose.

#### Select Contacts.

You can enter an email address manually or select one from the recent recipients or groups by selecting another button.

- 4 Select the Cc/Bcc field to add more recipients.
- 5 Select the subject field to enter a subject.
- Select the text input field to enter your email text.
- Select **Attach** and attach a file.You can select an image, video or sound clip.
- $\delta$  Select **Send** to send the message.



If you are offline or outside your service area, the message will be held in the message thread list until you are online and in your service area.

#### View a text or multimedia message

In Idle mode, open the application list and select Messaging.

Your messages are grouped into message threads by contact, like a messenger.

- Select a contact.
- 3 Select a text or multimedia message from the message thread.
- For a multimedia message, select to view the attachment.

## View an email message

When you open an email account, you can view previously retrieved emails offline or connect to the email server to view new messages. After retrieving email messages, you can view them offline.

In Idle mode, open the application list and select **Email**→ an email account.

- Press  $[ \Box ] \rightarrow$ **Refresh** to update the message list.
- $\it 3$  Select an email message from the message thread list.

## > Listen to voice mail messages

If you have set missed calls to be diverted to the voice mail server, callers may leave voice messages when you do not answer incoming calls. To access your voice mail inbox and listen to voice mail messages,

- In Idle mode, open the application list and select Phone → Keypad and then tap and hold 1.
- 2 Follow the instructions from the voice mail server.



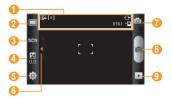
You must save the voice mail server number before accessing the server. Your service provider can give you the number.

# Capturing photos and videos

Learn to capture a photo or video while on the move. For more information, see the "Camera" section of the user manual.

#### Capture a photo

- In Idle mode, open the application list and select Camera.
- 2 Rotate the device anti-clockwise to landscape view.
- 3 Aim the lens at the subject and make any necessary adjustments.



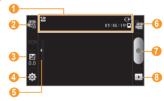
Number	Function
0	Check the camera status and settings.    State : Resolution
2	Change the shooting mode.
3	Change the scene mode.

Number	Function
4	Adjust the exposure value; Select + to increase or – to decrease.
6	Change the camera settings.
6	Hide or display icons in the viewfinder.
7	Switch to the camcorder.
8	Capture a photo.
9	View the photo or video you capture last.

- 4 Press the Volume key to zoom in or out.
- 5 Tap where you want to focus on the preview screen. The focus frame moves to the place you tap and changes to green when the subject is in focus.
- Select to take a photo.
  The photo is saved automatically.

#### Capture a video

- In Idle mode, open the application list and select Camera.
- Rotate the device anti-clockwise to landscape view.
- Select o switch to the camcorder.
- 4 Aim the lens at the subject and make any necessary adjustments.



Number	Function
0	Check the camcorder status and settings.  • ﷺ: Resolution  • 119:16:14: Length of video that can be captured (according to available memory)  • □: Default storage location
2	Change the recording mode (for attaching to a multimedia message or for saving normally).
3	Adjust the exposure value; Select + to increase or – to decrease.
4	Change the camcorder settings.
6	Hide or display icons in the viewfinder.
6	Switch to the camera.

Number	Function
7	Capture a video.
8	View the photo or video you capture last.

- Press the Volume key to zoom in or out.
- Select to start recording.
- Select to stop recording. The video is saved automatically.

# Viewing photos and videos

Learn to view photos and play videos you have captured. For more information, see the "Gallery" section of the user manual.

#### View a photo

- In Idle mode, open the application list and select Gallery.
- 2 Select a folder.
- 4 Select a photo (with no icon) to view.

#### View a video

- In Idle mode, open the application list and select Gallery.
- ? Select a video (with the 💿 icon) to play.
- 3 Rotate the device anti-clockwise to landscape view.
- 4 Control playback with the virtual keys.

# Listening to music

Learn to play music files and create a playlist with your favourite music. For more information, see the "Music Player" section of the user manual.

#### Add music files to your device

Start by transferring files to your device or memory card:

- · Download from the wireless web.
- Download from a PC with the optional Samsung Kies.
- · Receive via Bluetooth.
- Copy to your memory card.
- Synchronise with Windows Media Player 11.

#### Play music

After transferring music files to your device or memory card.

- In Idle mode, open the application list and select Music Player.
- 2 Scroll left or right to a music category.
- 3 Select a music file.

#### 

lcon	Function			
(1)	Adjust the volume.			
5.1 di	Activate the 5.1 channel surround sound system when a headset is connected.			
<b>26</b> 1	Activate Shuffle mode.			
<u>A</u> 1	Change the repeat mode (off, repeating a file, or repeating all files).			
KK	Skip backwards; Scan backward in a file (tap and hold).			
11	Pause playback; Select to resume playback.			
	Skip forward; Scan forward in a file (tap and hold).			

<sup>1.</sup> These icons are shown when you tap the player screen.

#### Create a playlist

- In Idle mode, open the application list and select Music Player.
- Select Playlists.
- Press  $[ \Box ] \rightarrow Create$ .
- Enter a title for your new playlist and select **Save**.
- Select Add music.
- Select the files you want to include and select **Add**.

#### Listen to the FM radio

Learn to listen to the FM radio. For more information, see the "FM Radio" section of the user manual.

- Plug the supplied headset into the device.
- In Idle mode, open the application list and select FM Radio

Select to turn on the FM radio. The FM radio scans and saves available stations. automatically.



The first time you turn on the FM radio, you will be prompted to start automatic tuning.

Control the FM radio with the following keys:





Number	Function			
0	Adjust the volume.			
2	Turn off the FM radio; Select ▶ to turn on the FM radio.			
3	Search for an available radio station.			
4	Change the frequency by 0.1 MHz.			
6	Add the current radio station to the favourites list.			
6	Change the sound output (headset or device's speaker).			
7	Change the frequency by scrolling left or right on the scale bar.			
3	Set the FM radio to automatically retune frequencies for stations when the current signal is weak.			

### Connecting to the internet

Learn to access the internet and browse web pages. For more information, see the "Internet" section of the user manual.



To create your own connection profile for accessing the web, see the user manual.

### Browse web pages

In Idle mode, open the application list and select **Internet** to launch a specified homepage.

#### 2 Navigate web pages with the following keys:



Number	Function
0	Enter an web address of the web page to access.
2	Open a list of saved bookmarks, frequently visited pages and recent internet history.

### Bookmark your favourite web pages

If you know the web address of the web page, you can manually add a bookmark. To add a bookmark,

- In Idle mode, open the application list and select
- 2 Select → Bookmarks.
- 3 Select Add. To bookmark the web page you were viewing, press [□] → Bookmark last-viewed page.
- 4 Enter a page title and a web address (URL).
- 5 Select **OK**.

# Download applications from Android Market

Based on the Android platform, your device's functionality can be extended by installing additional applications. Android Market provides you an easy and quick way to shop for games and mobile applications.



- This feature may be unavailable depending on your region.
- Your device will save user files from downloaded applications to the internal moviNAND<sup>™</sup> memory.
   To save the files to the memory card, connect your device to a PC and copy them from moviNAND to memory card.

### Install an application

- In Idle mode, open the application list and select Market.
- 2 Select Accept when the terms and conditions appears.
- 3 Select an item category  $\rightarrow$  an item.
- 4 Select Install (for free items) or Buy.
  If you select Install, select OK to download the item immediately.

If you select **Buy**, you need to enter your credit card information. Follow the on-screen instructions.

#### Uninstall an application

- From the Android Market home screen, press [=] → Downloads.
- Select the item you want to delete.
- 3 Select Uninstall → OK.

# Download files from the web

When you download files or web applications from the web, your device saves them in a memory card.

- Files you download from the web can include viruses that will damage your device. To lessen your risk, only download files from sources you trust.
- Some media files include Digital Rights
  Management to protect copyrights. This protection
  may prevent you from downloading, copying,
  modifying, or transferring some files.

To download files from the web,

- In Idle mode, open the application list and select **Browser**.
- 2 Search for a file or application and download it.

To install applications downloaded from websites other than Android Market, you must select **Settings**  $\rightarrow$  **Applications**  $\rightarrow$  **Unknown sources**.

### Connecting to a PC

Learn to connect your device to a PC to use with Samsung Kies or Windows Media Player, or use the device as a mass storage device or as a modem for a PC. For more information, see the "PC connections" section of the user manual.

#### Connect with Samsung Kies

Ensure that Samsung Kies is installed on your PC. You can download the program from the Samsung website (www. samsungmobile.com).

- In Idle mode, open the application list and select Settings → About phone → USB settings → Samsung Kies.
- Press the Home key to return to Idle mode.
- Using an optional PC data cable, connect the multifunction jack on your device to a PC.
- Run Samsung Kies and use wireless connections or copy data and files. Refer to the Kies help for more information.

#### **Synchronise with Windows Media** Player

Ensure that Windows Media Player is installed on your PC.

- In Idle mode, open the application list and select Settings → About phone → USB settings → Media player.
- Press the Home key to return to Idle mode.
- Using an optional PC data cable, connect the multifunction jack on your device to a PC with Windows Media Player installed.
  - When connected, a pop-up window will appear on the PC
- Open Windows Media Player to synchronise music files.
- Edit or enter your device's name in the pop-up window (if necessary).
- Select and drag the music files you want to the sync list.
- Start synchronisation.

### Connect as a mass storage device

- If you want to transfer files from or to a memory card, insert a memory card into the device.
- 2 In Idle mode, open the application list and select Settings → About phone → USB settings → Mass storage.
- 3 Press the Home key to return to Idle mode.
- 4 Using an optional PC data cable, connect the multifunction jack on your device to a PC. When connected, a pop-up window will appear on the PC.
- 5 Open the folder to view files.
- 6 Copy files from the PC to the memory card.



To disconnect the device to the PC, click the USB device icon on the Windows task bar and click the option to safely remove the mass storage device. Then remove the PC data cable from the PC. Otherwise, you may lose data stored on the memory card or damage the memory card.

### > Use your device as a wireless modem

You can use your device as a modem for a PC to access the internet via your mobile network service.

- In Idle mode, open the application list and select Settings → About phone → USB settings → PC Internet.
- 2 Press the Home key to return to Idle mode.
- 3 Using an optional PC data cable, connect the multifunction jack on your device to a PC.

- 4 When the installation manager appears, follow the on-screen instructions to complete the installation of the software.
  - Once the installation is complete, the window to activate an internet connection will appear.
- 5 Create a modem connection on your PC. How you create a modem connection may differ depending on the operating system of the PC.
- Select the created modem connection and enter an ID and password provided by your service provider.

### **Using Bluetooth**

Learn to connect your device with other devices via the Bluetooth wireless feature to share files or control the device hands-free. For more information, see the "Bluetooth" section of the user manual.

#### Turn on the Bluetooth wireless feature

- In Idle mode, open the application list and select Settings → Wireless and network → Bluetooth settings.
- 2 Select Bluetooth to turn on the Bluetooth wireless feature.

#### Find and pair with other Bluetoothenabled devices

- In Idle mode, open the application list and select Settings → Wireless and network → Bluetooth settings → Scan devices.
- 2 Select a device.
- 3 Enter a PIN for the Bluetooth wireless feature or the other device's Bluetooth PIN, if it has one, and select OK. Alternatively, select Accept to match the PIN between your device and the device.

When the owner of the other device enters the same PIN or accepts the connection, pairing is complete. If the pairing is successful, the device will automatically search for available services



Some devices, especially headsets or hands-free car kits, may have a fixed Bluetooth PIN, such as 0000. If the other device has a PIN, you must enter it.

### **Using Wi-Fi**

Learn to connect the device to a wireless local area network (WLAN) to access the internet or other network devices. For more information, see the "Wi-Fi" section of the user manual.



Your device uses non-harmonised frequency and is intended for use in all European countries. The WLAN can be operated in the EU without restriction indoors, but cannot be operated outdoors in France.

#### Activate the WLAN feature

In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Wi-Fi settings** → **Wi-Fi**.



An active WLAN running in the background will consume battery power. To preserve battery power, activate the WLAN only when needed.

#### Find and connect to a WLAN

- In Idle mode, open the application list and select Settings → Wireless and network → Wi-Fi settings. The device will automatically search for available WLANs.
- 2 Select a network under Wi-Fi networks.
- 3 Enter a password for the network (if necessary).
- 4 Select Connect.

# Safety and usage information

This safety and usage information should be followed to safely use your device.



### Safety warnings

# Keep your device away from small children and pets

Keep your device and all accessories out of the reach of small children or animals. Small parts may cause choking or serious injury if swallowed.

#### **Protect your hearing**



Excessive exposure to sound at high volumes can cause hearing damage. Always turn the volume down before plugging the earphones into an audio source 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 device 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 device. Incompatible batteries and chargers can cause serious injuries or damage to your device.
- Never dispose of batteries or devices in a fire. Follow all local regulations when disposing of used batteries or devices.
- Never place batteries or devices 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 devices 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 device is interfering with a pacemaker or other medical device, turn off the device immediately and contact the manufacturer of the pacemaker or medical device for guidance.

# Turn off the device in potentially explosive environments

Do not use your device at refuelling points (service stations) or near fuels or chemicals. Turn off your device whenever directed by warning signs or instructions. Your device 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 compartment as the device, its parts, or accessories.



### Reduce the risk of repetitive motion injuries

While using your device, hold the device 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.

#### Do not use the device if the screen is cracked or broken

Broken glass or acrylic could cause injury to your hand and face. Bring the device to a Samsung Service Centre to replace the screen. Damage caused by careless handling will void vour manufacturer's warrantv.



### Safety precautions

### Drive safely at all times

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

### Follow all safety warnings and regulations

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

### **Use only Samsung-approved accessories**

Using incompatible accessories may damage your device or cause injury.

# Turn off the device near medical equipment

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

# Turn off the device or disable the wireless functions when in an aircraft

Your device can cause interference with aircraft equipment. Follow all airline regulations and turn off your device or switch to a mode that disables the wireless functions when directed by airline personnel.

# Protect the device, batteries and chargers from damage

 Avoid exposing your device and batteries to very cold or very hot temperatures (below 0 °C or above 45 °C).

- Extreme temperatures can cause the deformation of the device and reduce the charging capacity and life of your device and 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 device carefully and sensibly

- Do not disassemble your device due to a risk of electric shock.
- Do not allow your device to get wet—liquids can cause serious damage and will change the colour of the label that indicates water damage inside the device. Do not handle your device with wet hands. Water damage to your device can void your manufacturer's warranty.
- Avoid using or storing your device in dusty, dirty areas to prevent damage to moving parts.



- Your device is a complex electronic device—protect it from impacts and rough handling to avoid serious damage.
- Do not paint your device, as paint can clog moving parts and prevent proper operation.
- If your device has a camera flash or light, avoid using it close to the eyes of children or animals.
- Your device may be damaged by exposure to magnetic fields. Do not use carrying cases or accessories with magnetic closures or allow your device to come in contact with magnetic fields for extended periods of time.

### Avoid interference with other electronic devices

Your device 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.



# Important usage information

### Use your device in the normal position

Avoid contact with your device's internal antenna.

# Allow only qualified personnel to service your device

Allowing unqualified personnel to service your device may result in damage to your device and will void your manufacturer's 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 or memory cards with care

- Do not remove a card while the device is transferring or accessing information, as this could result in loss of data and/or damage to the card or device.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- 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 device 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.

### Specific Absorption Rate (SAR) certification information

Your device conforms to European Union (EU) standards that limit human exposure to radio frequency (RF) energy emitted by radio and telecommunications equipment. These standards prevent the sale of mobile devices that exceed a maximum exposure level (known as the Specific Absorption Rate, or SAR) of 2.0 W/kg.

During testing, the maximum SAR recorded for this model was 0.238 W/kg. In normal use, the actual SAR is likely to be much lower, as the device has been designed to emit only the RF energy necessary to transmit a signal to the nearest base station. By automatically emitting lower levels when

possible, your device reduces your overall exposure to RF energy.

The Declaration of Conformity at the back of this manual demonstrates your device's compliance with the European Radio & Terminal Telecommunications Equipment (R&TTE) directive. For more information about the SAR and related EU standards, visit the Samsung mobile phone website.

### Correct disposal of this product



systems)

(Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection

This marking on the product, accessories or literature indicates that 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.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

This EEE is compliant with RoHS.

# Correct disposal of batteries in this product



(Applicable in the European Union and other European countries with separate battery return systems)

This marking on the battery, manual or packaging indicates that 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 the reference levels in EC Directive 2006/66. 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.

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#### **Declaration of Conformity (R&TTE)**

#### We, Samsung Electronics

declare under our sole responsibility that the product

#### GSM Mobile Phone: GT-19000

to which this declaration relates, is in conformity with the following standards and/or other normative documents.

SAFETY EN 60950- 1 : 2001 +A11:2004

SAR EN 50360 : 2001 EN 62209- 1 : 2006

EMC EN 301 489- 01 V1 8 1 (04-2008

EN 301 489- 01 V1.8.1 (04-2008) EN 301 489- 07 V1.3.1 (11-2005) EN 301 489- 17 V2.1.1 (05-2009) EN 301 489- 19 V1.2.1 (11-2002) EN 301 489- 24 V1.4.1 (09-2007)

RADIO EN 301 511 V9.0.2 (03-2003)

EN 300 328 V1.7.1 (10-2006) EN 301 908- 1 V3.2.1 (05-2007) EN 301 908- 2 V3.2.1 (05-2007)

We hereby declare that [all essential radio test suites have been carried out and that] the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10 and detailed in Annex[IV] of Directive 1999/5/EC has been followed with the involvement of the following Notified Body(ies):

BABT, Forsyth House, Churchfield Road, Walton-on-Thames, Surrey, KT12 2TD, UK\* Identification mark: 0168

2010.05.11

CE0168®

The technical documentation kept at:

#### Samsung Electronics QA Lab.

which will be made available upon request. (Representative in the EU)

Samsung Electronics Euro QA Lab. Blackbushe Business Park, Saxony Way, Yateley, Hampshire, GU46 6GG, UK\*



Joong-Hoon Choi / Lab Manager

(place and date of issue) (name and signature of authorised person)

<sup>\*</sup> It is not the address of Samsung Service Centre. For the address or the phone number of Samsung Service Centre, see the warranty card or contact the retailer where you purchased your product.

Some of the contents in this guide may differ from your device depending on the software of the device or your service provider.

#### To install Kies (PC Sync) KI Kies

- Download the latest version of Kies from the Samsung website (www.samsungmobile.com) and install it in your PC.
- 2. In Idle mode, open the application list and select **Settings**→ **About phone** → **USB settings** → **Samsung Kies**.
- 3. Using a PC data cable, connect your device to your PC. Refer to the Kies help for more information.