

The Samsung logo, consisting of the word "SAMSUNG" in white, bold, sans-serif capital letters, is centered within a black, horizontally-oriented oval.

GT-I8160

quick start guide

View the electronic version of the user manual

For more information, refer to the user manual at
www.samsung.com.

The manual is available as an Adobe Acrobat file (.pdf).
If you do not have Adobe Reader, you can download the
free program at *www.adobe.com.*



www.sar-tick.com

This product meets applicable national SAR limits of 2.0 W/kg. The specific maximum SAR values can be found in the SAR information section of this manual.

When carrying the product or using it while worn on your body, either use an approved accessory such as a holster or otherwise maintain a distance of 1.5 cm from the body to ensure compliance with RF exposure requirements. Note that the product may be transmitting even if you are not making a phone call.

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.

- Content in this manual may differ from the product, or from software provided by service providers or carriers, and is subject to change without prior notice.
- The items supplied with your device and available accessories may vary depending on your region or service provider.
- You can purchase additional accessories from your local Samsung dealer.

- The supplied accessories perform best for your device.
- Accessories other than the supplied ones may not be compatible with your device.

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 device or other equipment



Note—notes, usage tips, or additional information



Square brackets—device keys

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- Wi-Fi®, Wi-Fi Protected Setup™, Wi-Fi Direct™, Wi-Fi CERTIFIED™, and the Wi-Fi logo are registered trademarks of the Wi-Fi Alliance.

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

- Windows Media Player® is a registered trademark of Microsoft Corporation.
- All other trademarks and copyrights are the property of their respective owners.

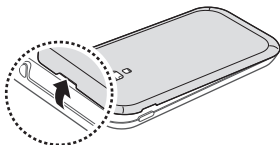


CE 0168

Assembling

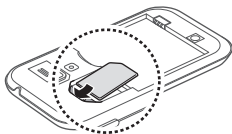
Install the SIM or USIM card and battery

1. If the device is on, press and hold the Power key and select **Power off** → **OK** to turn it off.
2. Remove the back cover.

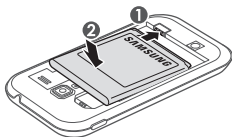


Be careful not to damage your fingernails when you remove the back cover.

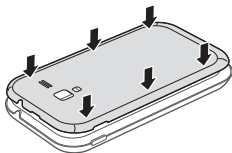
3. Insert the SIM or USIM card with the gold-coloured contacts facing down.



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.

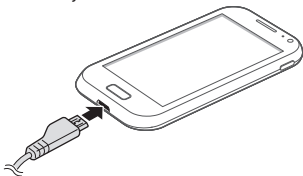


Use only Samsung-approved chargers and cables. Unauthorised chargers or cables can cause batteries to explode or damage your device.



If the battery is completely discharged, you cannot turn on the device, even with the travel adapter connected. Allow a depleted battery to charge for a few minutes before you try to turn on the device.

1. Plug the small end of the travel adapter into the multifunction jack.



Connecting the travel adapter improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

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



While the device is charging, the touch screen may not function due to an unstable power supply. If this happens, unplug the travel adapter from the device.

3. When the battery is fully charged, first 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.



To save energy, unplug the travel adapter when not in use. The travel adapter does not have a power switch, so you must unplug the travel adapter from the outlet when not in use to avoid wasting power. The device should remain close to the electrical socket while charging.

Getting started

Turn your device on and off

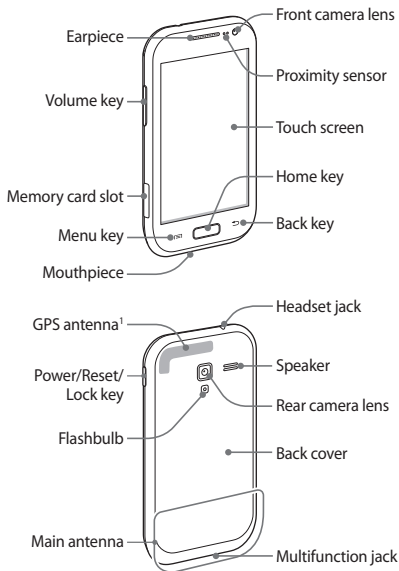
To turn on your device, press and hold the Power key. If you turn on your device for the first time, follow the on-screen instructions to set up your device.

To turn off your device, press and hold the Power key and select **Power off** → **OK**.








- Follow all posted warnings and directions from authorised personnel 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.

Get to know your device



-
1. Do not touch or cover the antenna area with your hands or other objects while using the GPS functions.

Keys

Key	Function
 Power/ Reset ¹ / Lock	Turn on the device (press and hold); Access the quick menus (press and hold); Reset the device (press and hold for more than 10 seconds); Lock the touch screen.
 Menu	Open a list of options available on the current screen; In Idle mode, open the Google search application (press and hold); Open the search input window while using some applications (press and hold).
 Home	Return to the idle screen; Open the list of recent applications (press and hold); Launch the voice talk application (press twice).
 Back	Return to the previous screen.
 Volume	Adjust the device's volume.

-
1. If your device has fatal errors or hang-ups, or freezes, you may need to reset the device to regain functionality.

Touch screen

Your device's touch screen lets you easily select items or perform functions. Control the touch screen by tapping, tapping and holding, or dragging across it.

Idle screen

When the device is in Idle mode, you will see the idle screen. From the idle screen, you can view indicator icons, widgets, shortcuts to applications, and other items.

The idle screen has multiple panels. Scroll left or right to a panel of the idle screen. You can also select a dot at the bottom of the screen to move directly to the corresponding screen.

Indicator icons

Indicator icons show the signal strength, device status, current time, and other information at the top of the screen.



Widgets

You can use various widgets that provide convenient functions and information on your idle screen. Add a widget to the idle screen or remove the widget to the trash bin.

Notifications panel

From the notifications panel, you can use shortcut menus and access a list of notifications, such as new messages, upcoming events, and processing status. Tap the indicator icons area at the top of the screen and drag your finger down to open the notifications panel. To hide the panel, drag the bottom of the list up.

Access applications

1. In Idle mode, select  to access the application list.
2. Scroll left or right to another screen.
You can also select a dot at the bottom of the screen to move directly to the corresponding screen.
3. Select an application.
4. Press [>] to return to the previous screen; Press the Home key to return to the idle screen.

Access recent applications

Press and hold the Home key to view the applications you have accessed recently.

Launch multiple applications

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

To launch multiple applications, press the Home key while using an application to return to Idle mode, and then select an application to launch.

Enter text

You can enter text with the virtual keypads or in handwriting mode. You can also use editing options to copy and paste text.

Samsung keypad

The Samsung keypad provides different keypad types (such as QWERTY and 3x4 keypads) and a handwriting mode.

When entering text with the QWERTY or 3x4 keypad, use the predictive text feature. This feature will predict the word you are entering and display suggestions.



When entering text, rotate the device to display the QWERTY keypad in a widescreen layout.



Swype keypad

With the Swype keypad, you can enter text by sliding across characters on the keypad. Tap the first character of a word, drag to the following characters, and release your finger on the last character.

Make or answer a call

You can make a call by entering a phone number or selecting a number in your contact list. You can also access the call log to redial recently dialed numbers.

Make a call

Open the dialling screen, enter a phone number, and select . To make a video call, select .

Answer a call

When a call comes in, drag  outside of the large circle.

Send and receive messages

You can create and send text (SMS), multimedia (MMS), or email messages, and view or manage messages you have sent or received.



You may incur additional charges for sending or receiving messages while outside your home service area. For details, contact your service provider.

Text and multimedia message

You can create and send a simple text message or a multimedia message which can contain text, image, video, and sound files.

Email message

You can use the email application to send email messages on your device. Before you send and receive email messages, you must add an email account.

Connect to the internet

You can connect to the wireless web by using the Wi-Fi feature or mobile network connections. Open the web application and browse web pages. You can bookmark your favourite web pages or use various web options.



You may incur additional charges for accessing the web and downloading media files. For details, contact your service provider.

View the user manual

The user manual provides complete information about operating your device. To view the user manual, access www.samsung.com and then search for the user manual by the model name of your device.

Safety precautions

To prevent injury to yourself and others or damage to your device, read all of the following information before using your device.

Warning: Prevent electric shock, fire, and explosion

Do not use damaged power cords or plugs, or loose electrical sockets

Do not touch the power cord with wet hands, or disconnect the charger by pulling on the cord

Do not bend or damage the power cord

Do not use your device while charging or touch your device with wet hands

Do not short-circuit the charger or the battery

Do not drop or cause an impact to the charger or the battery

Do not charge the battery with chargers that are not approved by the manufacturer

Do not use your device during a thunderstorm

Your device may malfunction and your risk of electric shock is increased.

Do not handle a damaged or leaking Lithium Ion (Li-Ion) battery

For safe disposal of your Li-Ion batteries, contact your nearest authorised service centre.

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.

Protect the device, batteries, and chargers from damage

- Avoid exposing your device and batteries to very cold or very hot temperatures.
- 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.

Caution: Follow all safety warnings and regulations when using your device in restricted areas

Turn off your device where prohibited

Comply with all regulations that restrict the use of a mobile device in a particular area.

Do not use your device near other electronic devices

Most electronic devices use radio frequency signals. Your device may interfere with other electronic devices.

Do not use your device near a pacemaker

- Avoid using your device within a 15 cm range of a pacemaker if possible, as your device can interfere with the pacemaker.
- If you must use your device, keep it at least 15 cm away from the pacemaker.
- To minimise the possible interference with a pacemaker, use your device on the opposite side of your body from the pacemaker.

Do not use your device in a hospital or near medical equipment that can be interfered with by radio frequency

If you personally use any medical equipment, contact the manufacturer of the equipment to ensure the safety of your equipment from radio frequency.

If you are using a hearing aid, contact the manufacturer for information about radio interference

Some hearing aids may be interfered with by the radio frequency of your device. Contact the manufacturer to ensure the safety of your hearing aid.

Turn off the device in potentially explosive environments

- Turn off your device in potentially explosive environments instead of removing the battery.
- Always comply with regulations, instructions and signs in potentially explosive environments.
- Do not use your device at refuelling points (service stations), near fuels or chemicals, and at blasting areas.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

Turn off your device when in an aircraft

Using your device in an aircraft is illegal. Your device may interfere with the electronic navigation instruments of the aircraft.

Electronic devices in a motor vehicle may malfunction due to the radio frequency of your device

Electronic devices in your car may malfunction due to radio frequency of your device. Contact the manufacturer for more information.

Comply with all safety warnings and regulations regarding mobile device usage while operating a vehicle

While driving, safely operating the vehicle is your first responsibility. Never use your mobile device while driving, if it is prohibited by law. For your safety and the safety of others, practice good common sense and remember the following tips:

- Get to know your device and its convenience features, such as speed dial and redial. These features help you reduce the time needed to place or receive calls on your mobile device.
- Position your device within easy reach. Be able to access your wireless device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, let your voice mail answer it for you.

- Suspend calls in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice, and heavy traffic can be hazardous.
- Do not take notes or look up phone numbers. Jotting down a “to do” list or flipping through your address book takes attention away from your primary responsibility of driving safely.
- Dial sensibly and assess the traffic. Place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary.
- Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
- Use your device to call for help. Dial a local emergency number in the case of fire, traffic accident, or medical emergencies.
- Use your device to help others in emergencies. If you see an auto accident, a crime in progress, or a serious emergency where lives are in danger, call a local emergency number.
- Call roadside assistance or a special, non-emergency assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or another special, non-emergency number.

Proper care and use of your mobile device

Keep your device dry

- Humidity and all types of liquids may damage device parts or electronic circuits.
- Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service centre.
- Liquids will change the colour of the label that indicates water damage inside the device. Water damage to your device can void your manufacturer’s warranty.

Do not use or store your device in dusty, dirty areas

Dust can cause your device to malfunction.

Do not store your device on slopes

If your device falls, it can be damaged.

Do not store your device in hot or cold areas. Use your device at -20 °C to 50 °C

- Your device can explode if left inside a closed vehicle, as the inside temperature can reach up to 80 °C.
- Do not expose your device to direct sunlight for extended periods of time (such as on the dashboard of a car).
- Store the battery at 0 °C to 40 °C.

Do not store your device with such metal objects as coins, keys and necklaces

- Your device may become deformed or malfunction.
- If the battery terminals are in contact with metal objects, it may cause a fire.

Do not store your device near magnetic fields

- Your device may malfunction or the battery may discharge from exposure to magnetic fields.
- Magnetic stripe cards, including credit cards, phone cards, passbooks, and boarding passes, may be damaged by 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.

Do not store your device near or in heaters, microwaves, hot cooking equipment, or high pressure containers

- The battery may leak.
- Your device may overheat and cause a fire.

Do not drop your device or cause impacts to your device

- The screen of your device may be damaged.
- If bent or deformed, your device may be damaged or parts may malfunction.

Do not use your device or applications for a while if the device is overheated

Prolonged exposure of your skin to an overheated device may cause low temperature burn symptoms, such as red spots and pigmentation.

If your device has a camera flash or light, do not use a flash close to the eyes of people or pets

Using a flash close to the eyes may cause temporary loss of vision or damage to the eyes.

Use caution when exposed to flashing lights

- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing Flash-based games for extended periods. If you feel any discomfort, stop using the device immediately.

Reduce the risk of repetitive motion injuries

When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop use and see a physician.

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 purposes.

Use manufacturer-approved batteries, chargers, accessories and supplies

- Using generic batteries or chargers may shorten the life of your device or cause the device to malfunction.
- Samsung cannot be responsible for the user's safety when using accessories or supplies that are not approved by Samsung.

Do not bite or suck on the device or the battery

- Doing so may damage the device or cause explosion.
- If children use the device, make sure that they use the device properly.

Do not insert the device or supplied accessories into the eyes, ears, or mouth

Doing so may cause suffocation or serious injuries.

When speaking on the device:

- Hold the device upright, as you would with a traditional phone.
- Speak directly into the mouthpiece.
- Do not touch the device's internal antenna. Doing so may result in reduced call quality or cause the device to emit unintended levels of radio frequency (RF) energy.

Protect your hearing and ears when using a headset



- Excessive exposure to loud sounds can cause hearing damage.
- Exposure to loud sounds while driving may distract your attention and cause an accident.
- 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.
- In dry environments, static electricity can build up in the headset. Avoid using headsets in dry environments or touch a metal object to discharge static electricity before connecting a headset to the device.

Use caution when using the device while walking or moving

Always be aware of your surroundings to avoid injury to yourself or others.

Do not carry your device in your back pockets or around your waist

You can be injured or damage the device if you fall.

Do not disassemble, modify, or repair your device

- Any changes or modifications to your device can void your manufacturer's warranty. For service, take your device to a Samsung Service Centre.
- Do not disassemble or puncture the battery, as this can cause explosion or fire.

Do not paint or put stickers on your device

Paint and stickers can clog moving parts and prevent proper operation. If you are allergic to paint or metal parts of the product, you may experience itching, eczema, or swelling of the skin. When this happens, stop using the product and consult your physician.

When cleaning your device:

- Wipe your device or charger with a towel or an eraser.
- Clean the terminals of the battery with a cotton ball or a towel.
- Do not use chemicals or detergents.

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

Broken glass or acrylic could cause injury to your hands and face. Take the device to a Samsung Service Centre to have it repaired.

Do not use the device for anything other than its intended use

Avoid disturbing others when using the device in public

Do not allow children to use your device

Your device is not a toy. Do not allow children to play with it as they could hurt themselves and others, damage the device, or make calls that increase your charges.

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.

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.

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 alternative method of contacting emergency services personnel.

Keep your personal and important data safe

- While using your device, be sure to back up important data. Samsung is not responsible for data loss.
- When disposing of your device, back up all data and then reset your device to prevent misuse of your personal information.
- Carefully read the permissions screen when downloading applications. Be particularly cautious with applications that have access to many functions or to a significant amount of your personal information.
- Check your accounts regularly for unauthorised or suspicious use. If you find any sign of misuse of your personal information, contact your service provider to delete or change your account information.
- In the event your device is lost or stolen, change the passwords on your accounts to protect your personal information.
- Avoid using applications from unknown sources and lock your device with a pattern, password, or PIN.

Do not distribute copyright-protected material

Do not distribute copyright-protected material that you have recorded to others without the permission of the content owners. Doing this may violate copyright laws. The manufacturer is not liable for any legal issues caused by the user's illegal use of copyrighted material.

Specific Absorption Rate (SAR) certification information

THIS DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) recommended by international guidelines. The guidelines were developed by an independent scientific organisation (ICNIRP) and include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the ICNIRP guidelines for this device model are:

Maximum SAR for this model and conditions under which it was recorded	
Head SAR	0.498 W/kg
Body-worn SAR	0.427 W/kg

During use, the actual SAR values for this device are usually well below the values stated above. This is because, for purposes of system efficiency and to minimise interference on the network, the operating power of your mobile device is automatically decreased when full power is not needed for the call. The lower the power output of the device, the lower its SAR value.

A body-worn SAR test has been performed on this device with an approved accessory or at a separation distance of 1.5 cm. To meet RF exposure guidelines during body-worn operation, the device must be used with the approved accessory or positioned at least 1.5 cm away from the body. If you use an unapproved accessory, ensure that the accessory does not contain any metal components and that it positions the device at least 1.5 cm away from the body.

Organisations such as the World Health Organisation and the US Food and Drug Administration have suggested that if people are concerned and want to reduce their exposure, they could use a hands-free accessory to keep the wireless device away from the head and body during use, or reduce the amount of time spent using the device.

For more information, visit www.samsung.com/sar and search for your device with the model number.

Correct disposal of this product

(Waste Electrical & Electronic Equipment)



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

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 WCDMA BT/Wi-Fi Mobile Phone : GT-I8160

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

SAFETY	EN 60950-1 : 2006 + A1 : 2010
SAR	EN 50360 : 2001 / AC 2006 EN 62209-1 : 2006 EN 62209-2 : 2010 EN 62479 : 2010 EN 62311 : 2008
EMC	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 301 489-24 V1.5.1 (10-2010)
RADIO	EN 301 511 V9.0.2 (03-2003) EN 301 908-1 V4.2.1 (03-2010) EN 301 908-2 V4.2.1 (03-2010) EN 300 328 V1.7.1 (10-2006)

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

CE 0168

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*
2012.03.16



Joong-Hoon Choi / Lab Manager

(place and date of issue)

(name and signature of authorised person)

* 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 manual may differ from your device depending on the software of the device or your service provider.

To install Kies (PC Sync) Kies

1. Download the latest version of Kies from the Samsung website (www.samsung.com/kies) and install it on your PC.
2. Using a USB cable, connect your device to your PC.
3. Double-click the Samsung Kies icon on your PC to launch Samsung Kies.

Refer to the Kies help for more information.

