Using this manual

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 user manual has been specially designed to guide you through the functions and features of your device.

Read me first

• Please read all safety precautions and this manual carefully before using your device to ensure safe and proper use.
• The descriptions in this manual are based on the default settings of your device.
• Images and screenshots used in this user manual may differ in appearance from the actual product.
• Content in this user manual may differ from the product, or from software provided by service providers or carriers, and is subject to change without prior notice. Refer to www.samsungmobile.com for the latest version of the user manual.
• Available features and additional services may vary by device, software, or service provider.
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Please keep this manual for future reference.

**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
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 Menu mode, select Messages → Compose (represents Messages, followed by Compose)

[ ] Square brackets—device keys; for example: [ ] (represents the End key)

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CE 0168®
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Assembling

Unpack
Check your product box for the following items:
• Mobile device
• Battery
• Travel adapter (charger)
• User manual

⚠️ 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.
• Accessories other than the supplied ones may not be compatible with your device.

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. If the device is on, press and hold [①] and select Yes 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 card.

- Place the SIM card into the device with the gold-coloured contacts facing up.
- If you do not insert a SIM 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.
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 blinking. 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

1. Open the cover to the multifunction jack on the top of the device.

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

3. 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.

4. 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.

Improperly connecting the travel adapter can cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.
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 travel adapter should remain close to the socket when in use.

Charge with the PC data cable
Before charging, ensure that your PC is turned on.

1. 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.

Depending on the type of PC data cable you are using, it may take some time before charging begins.

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 16 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.

1 Remove the back cover.

2 Insert a memory card with the gold-coloured contacts facing up.

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

4 Replace the back cover.

5 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.

Remove the memory card

1 Ensure that the device is not currently using the memory 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 Replace the back cover.

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.
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 Menu mode, select Settings → Memory → Memory card details → Format → Yes.

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 from user actions.

Attach a hand strap (optional)
1. Remove the back cover.
2. Slide a hand strap through the hand strap hole 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,

1. Press and hold [急速]
2. Enter your PIN and select Done (if necessary).
3. Select a language you want and select Next.
4. Select keyboard languages and select Next.
5. Select your home time zone and select Next.
6. Set the time and date and select Save.

To turn off your device, press and hold [急速] and select Yes.

- 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 the flight mode. In Menu mode, select Settings → Flight mode.
Get to know your device

Device layout

- Earpiece
- Volume key
- Menu key
- Dial key
- Mouthpiece
- Touch screen
- End key
- Multifunction jack
- Camera lens
- Power/Lock key
- Headset
- Back cover
- Camera key
- Internal antenna
- Speaker
### Keys

<table>
<thead>
<tr>
<th>Key</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power/Lock</td>
<td>Turn the device on or off (press and hold); Lock or unlock the touch screen and keys.</td>
</tr>
<tr>
<td>Dial</td>
<td>Make or answer a call; In Idle mode, retrieve logs of your calls and messages.</td>
</tr>
<tr>
<td>Menu</td>
<td>Access Menu mode; Launch the task manager to view all active applications (press and hold); In Idle mode or while using an application, access Search (press twice).</td>
</tr>
<tr>
<td>End</td>
<td>End a call; In Menu mode, return to Idle mode; In Idle mode, access the live panel.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Key</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="volume.png" alt="" /></td>
<td>Volume Adjust the device’s volume.</td>
</tr>
<tr>
<td><img src="camera.png" alt="" /></td>
<td>Camera In Idle mode, turn on the camera; In Camera mode, take a photo or record a video.</td>
</tr>
</tbody>
</table>

### 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 some default panels, and you can add new panels to the idle screen. ➤ p. 26

The first idle screen is the live panel. You can view the current time and date, weather information, search input box, and calendar.
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.

**Indicator icons**

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

<table>
<thead>
<tr>
<th>Icon</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>⏿</td>
<td>No signal</td>
</tr>
<tr>
<td>📖</td>
<td>Signal strength</td>
</tr>
<tr>
<td>✈️</td>
<td>Flight mode activated</td>
</tr>
<tr>
<td>🔍</td>
<td>Network searching</td>
</tr>
<tr>
<td>🌐</td>
<td>GPRS network connected</td>
</tr>
<tr>
<td>🌐</td>
<td>EDGE network connected</td>
</tr>
<tr>
<td>🌐</td>
<td>WLAN connected</td>
</tr>
<tr>
<td>📞</td>
<td>Call missed</td>
</tr>
<tr>
<td>🔗</td>
<td>Bluetooth activated</td>
</tr>
<tr>
<td>🔗</td>
<td>Bluetooth hands-free car kit or headset connected</td>
</tr>
<tr>
<td>📞</td>
<td>Voice call in progress</td>
</tr>
<tr>
<td>🔀</td>
<td>SOS message feature activated</td>
</tr>
<tr>
<td>📞</td>
<td>Call diverting activated</td>
</tr>
<tr>
<td>🔄</td>
<td>Synchronising with PC</td>
</tr>
<tr>
<td>📦</td>
<td>Memory card inserted</td>
</tr>
</tbody>
</table>
In Idle mode or while using an application, select the icon in the indicator icons area to open the shortcuts panel. Select icons to activate or deactivate the WLAN and Bluetooth features. You can also turn on or off the device's volume and check new messages and alerts.

**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.
• Double-tap: Tap twice quickly with your finger to zoom in or out while viewing photos or web pages.
• Panning: Tap and drag with your finger to select items.
• Drag and drop: Tap and hold your finger on an item, and then drag your finger to move the item.
• Flick: Flick the screen quickly to activate an application.
• Area zoom: Place two fingers on the screen and pull them apart to zoom in or squeeze them together to zoom out.
Your device turns off the touch screen when you do not use the device for a specified period. To turn on the screen, press [⑩] or the Menu key. You can also adjust the backlight time. In Menu mode, select Settings → Display and light → Backlight time. Some lists have an index along the right side. Tap a letter to jump to items starting with that letter. Drag your finger along the index to quickly scroll through the list.

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 [⑩]. To unlock, press [⑩] or the Menu key and drag the grey window with your finger in any direction.

Access menus
To access your device’s menus,

1. In Idle mode, press the Menu key to access Menu mode.
2. Scroll left or right to a main menu screen. You can also select a dot on the top of the screen to move to the corresponding main menu screen directly.
3. Select a menu or application.
4. Press [⑩] to return to Idle mode.
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 → General → Gestures → Orientation → Change orientation.

While using the device, you can capture an image of a screen by pressing [○] and the Menu key simultaneously. The image will be saved in My files → Images → Screen capture.

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

To add a shortcut to the idle screen,
1. In Menu mode, select Edit at the top left of the screen.
2. Tap and hold an application icon and drag it to Add to Home screen.

To change the order of applications,
1. In Menu mode, select Edit at the top left of the screen.
2. Tap and hold an application icon and drag it to the location you want.

To add a folder,
1. In Menu mode, select Edit at the top left of the screen.
2. Select at the top right of the screen.
3. Select the new folder.
4. Select the name field, enter a name for the folder, and then select Save.
Launch and manage applications

- **Launch multiple applications**
  Your device allows you to multi-task by running multiple applications at the same time.
  To launch multiple applications, press the Menu key to return to the main menu and select an application to launch.

- **Use the task manager**
  You can manage multiple applications with the task manager. To launch the task manager,
  1. Press and hold the Menu key. The icons of active applications appear.
2 Control active applications as follows:
   • To switch between applications, select one from the icons of active applications.
   • To close an application, select \( - \).
   • To close all active applications, select End all applications.

Use widgets
Widgets are small applications that provide convenient functions and information on your idle screen.
   • Some of your widgets connect to web services. Using a web-based widget may incur additional charges.
   • Available widgets may vary depending on your region or service provider.

Open the widget toolbar
To open the widget toolbar and access widgets,
1 In Idle mode, select Edit at the top left of the screen to open the widget toolbar.
2 Scroll left or right to a panel of the idle screen.
3 Scroll left or right on the widget toolbar to find the widget you want to use.
4 Drag the widget to the idle screen.
5 Select Done at the top left of the screen to close the widget toolbar.
6 To move the widget back to the widget toolbar, tap and hold the widget until the yellow frame appears and drag it to the widget toolbar.
Manage web-based widgets
You can select a widget profile to connect to web services and view downloaded widgets.
In Menu mode, select Settings → Menu and widgets → Widget.

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

Add new panels to the idle screen
You can add new panels to the idle screen to organise widgets according to your preferences and needs.
1 In Idle mode, select Edit at the top left of the screen.
2 Rotate the device to landscape view.
3 Select + to add new panels to the idle screen. You can have up to 10 panels.
4 Select x to remove a panel from the idle screen.
5 Rotate the device clockwise to portrait view.
6 Select Done at the top left of the screen.

Set the current time and date
1 In Menu mode, select Settings → Date and time.
2 Select the time zone option and a time zone.
3 Enter the current time and date, and set the time and date format.
4 Select Back.

Adjust the volume of the key tones
1 In Idle mode, press the Volume key up or down.
Adjust the key tone volume by pressing the Volume key or dragging the slider.

Switch to the silent profile
In Menu mode, select Keypad, and then tap and hold # to mute or unmute your device.

Set up a sound profile
You can change your device's sounds by customising the current sound profile or switching to another sound profile. To set up a profile,

1. In Menu mode, select Settings → Sound profiles.
2. Select the profile you are using.
3. Customise the sound options for incoming calls, incoming messages, and other device sounds. ► p. 102

Available sound options vary depending on the selected profile.

Select Set.
To switch to another profile, select the check box next to the profile and then Set.

Select a wallpaper for the idle screen
1. In Menu mode, select Settings → Display and light → Wallpaper.
2. Select an image.
3. Select Set → Set.

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

Adjust the brightness of the display
1. In Menu mode, select Settings → Display and light.
Drag the slider under **Brightness** to adjust the level of brightness.

Select **Set**.

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

» **Lock your device**
You can lock your device by activating the device password.

1. In Menu mode, select **Settings → Security**.
2. Select **Phone lock**.
3. Enter a new 4- to 8-digit password and select **Done**.
4. Enter the new password again and select **Done**.

The first time you access a menu that requires a password, you will be prompted to create and confirm a password.

Once the device lock is enabled, you must enter the password each time you turn on the device or unlock the touch screen and keys.

- If you forget your password, 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 card**
You can lock your device by activating the PIN supplied with your SIM card.

1. In Menu mode, select **Settings → Security**.
2. Select **PIN lock**.
3. Enter the PIN of your SIM card and select **Done**.

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 card will be blocked. You must enter a PIN unlock key (PUK) to unblock the SIM card.
• If you block your SIM 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 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.
To use this feature, you need a Samsung account for controlling the device from the web remotely.

1. In Menu mode, select Settings → Security.
2. Select Mobile tracker.
3. Enter your password and select Done.
4. Select OK to continue.
5. Enter your email address and password for your Samsung account and select Sign in.
   To create a Samsung account, select ✓.
6. Select Recipients to open the recipient list.
7. Enter a phone number including a country code (with +).
8. When you are finished setting the recipients, select OK.
9. Select Sender and enter a sender’s name.
10. Select Save → Accept.
Enter text
You can enter text by selecting characters on the virtual keypad or by inputting handwriting on the screen.

Change the text input method
When you tap the text input field, the input panel with the QWERTY keyboard appears by default.

<table>
<thead>
<tr>
<th>Number</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Change case.</td>
</tr>
<tr>
<td>2</td>
<td>Switch between Symbol/Number mode and ABC mode.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Number Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert a space; Insert a period and space (double-tap).</td>
</tr>
<tr>
<td>Clear your input.</td>
</tr>
<tr>
<td>Start a new line.</td>
</tr>
<tr>
<td>Change input languages; Access the keyboard settings (tap and hold).</td>
</tr>
</tbody>
</table>

To change the text input method, tap and hold ☰ and select **Keyboard type** → a text input method.

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keypad</td>
<td>Select characters on the keypad.</td>
</tr>
<tr>
<td>Qwerty keyboard</td>
<td>Select characters on the QWERTY keyboard.</td>
</tr>
<tr>
<td>Writing full screen</td>
<td>Write anywhere on the screen.</td>
</tr>
<tr>
<td>Writing box</td>
<td>Write in the input box.</td>
</tr>
</tbody>
</table>
Enter text using different input methods

1. Change the text input method.
2. Change the text input mode.
3. Select the appropriate virtual keys or write on the screen to enter your text.

When entering English text, tap and hold ` and select **Predictive text**. Enter the first two letters of a word and then the alternative word list appears. Select `<` or `>` and an alternative word from the list that appears.

When entering text with the keypad, you can use the following modes:

<table>
<thead>
<tr>
<th>Mode</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABC</td>
<td>Select an appropriate virtual key until the character you want appears on the display.</td>
</tr>
</tbody>
</table>

### Mode Function

<table>
<thead>
<tr>
<th>Mode</th>
<th>Function</th>
</tr>
</thead>
</table>
| T9 (Predictive text) | 1. In ABC mode, select **T9** (The dot turns green).  
2. Select the appropriate virtual keys to enter an entire word.  
3. When the word displays correctly, select `<` or `>` to insert a space. If the correct word does not display, select `<` or `>` and an alternative word from the list that appears. |

**Adding words to the T9 dictionary**

If you cannot find a word in the alternative word list, you can add the word to the T9 dictionary. Select **Add word** at the right end of the alternative word list.
### Mode | Function
--- | ---
**Number** | Select an appropriate virtual key to enter a number.
- You can enter numbers by tapping and holding a virtual key in ABC or T9 mode.
**Symbol** | 1. Select ◀ or ▶ to scroll to a symbol set you want.
2. Select an appropriate virtual key to enter a symbol.

When entering text, rotate the device to display the wider QWERTY keyboard.

When Predictive text mode is activated, you can use Continuous input mode.

1. Tap and hold 🎨 and select **Continuous input**.

2. Select the first character of a word and drag your finger to the second character without releasing the finger from the screen.

3. Continue until you have finished the word.

4. Release the finger on the last character.

5. When the word displays correctly, select to insert a space. If the correct word does not display, select an alternative word from the list that appears.

6. Repeat steps 2-5 to complete your text.
Copy and paste text
While you are entering text, you can use the copy and paste feature to use text in other applications.

1. Tap and hold the text input field until 📝 appears.
2. Select Select from the option list.
3. Drag your finger across the text. You can also tap the word you want to highlight twice.
4. Select Copy or Cut to copy and paste, or cut and paste the text onto the clipboard.
5. In another application, tap and hold the text input field.
6. Select Paste to insert the text from the clipboard into the text field.
Communication

Calling
Learn to use calling functions, such as making and answering calls, using options available during a call or customising and using call-related features.

› Make and answer a call
You can use the buttons or the touch screen when you make, accept, end or reject calls.

Make a call
1 In Menu mode, select Keypad and enter an area code and a phone number.
2 Press [ ] to make a call.

3 To end the call, press [ ].

   • Use the phonebook to save numbers you dial frequently. ► p. 70
   • To quickly access the call log to redial numbers you dialled recently, press [ ] → Call.

Answer a call
1 When a call comes in, press [ ].
2 When the device is ringing, press the Volume key to adjust the volume, or press and hold the Volume key down to mute the ringtone.
3 To end the call, press [ ].
Reject a call
When a call comes in, press [.crm]. The caller will hear a busy tone.

- You can set up a list of numbers to reject incoming calls automatically. ► p. 37
- You can send a message when you reject incoming calls.

Call an international number

1 In Menu mode, select Keypad and tap 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 [crm] to dial the number.

Use the headset
By plugging the supplied headset into the device, you can make and answer calls:

- To redial the last call, press the headset button, and then press and hold the button.
- To answer a call, press the headset button.
- To end a call, press the headset button.

The supplied headset is designed only for your device and may not be compatible with other phones and MP3 players.

Use options during a call
You can use the following options while a call is in progress:

- To adjust the voice volume, press the Volume key up or down.
- To place a call on hold, select Hold. To retrieve a held call, select Unhold.
• To activate the speakerphone feature, select **Speaker**.

⚠️ In noisy environments, you may have difficulty hearing some calls while using the speakerphone feature. For better audio performance, use the normal device mode.

• To turn off the microphone so that the other party cannot hear you, select **Mute**.

• To listen and talk to the other party via the headset, select **Headset**.

• To dial a second call, place the first call on hold and then dial a new number.

• To answer a second call, select **Accept** when a call waiting tone sounds. The first call is automatically placed on hold. You must subscribe to the call waiting service to use this feature.

• To switch between the two calls, select **Swap**.

• To end the call on hold, select **Swap → End call**.

• To make a multiparty call (conference call), make or answer a second call and select **Join** when connected to the second party. Repeat to add more parties. You must subscribe to the multiparty call service to use this feature.

• To connect the current party to the party placed on hold, select → **Transfer**. You will be disconnected.

> **View and dial missed calls**

Your device will display the missed call icon (📞) when you have missed calls.

Open the shortcuts panel and select a missed call. Select the call from the call log and press [📞] to dial.

> **Use additional features**

You can use various other call-related features, such as auto rejection, Fixed Dialling Number (FDN) mode, or call diverting or barring.
Set auto rejection

Use auto rejection to reject calls from certain numbers automatically. To activate auto rejection and set up the reject list,

1. In Menu mode, select Settings → Applications → Call → All calls → Auto reject.

2. Select Create.

3. Select an option under Match criteria (if necessary).

4. Select the number input field and enter a number to reject, and select Save.

5. To add more numbers, repeat steps 2-4.

6. Select the check boxes next to the numbers.

7. Select Back.

Make a fake call

You can simulate incoming calls when you want to get out of meetings or unwanted conversations.

To activate the hot key to make fake calls, in Menu mode, select Settings → Applications → Call → Fake call → Fake call hot key → Save.

To make a fake call, press and hold the Volume key down in Idle mode. A fake call comes in after a specified length of time.

You can change the delay time before fake calls. In Menu mode, select Settings → Applications → Call → Fake call → Fake call timer.

You can make fake calls appear more realistic by playing back a recorded voice. To record a voice,

1. In Menu mode, select Settings → Applications → Call → Fake call.

2. Select Use fake call voice → Record voice.

3. Select • to start recording.
4. Speak into the microphone. During recording, select \( \text{Pause} \) to pause and select \( \text{Resume} \) to resume.

5. When you are finished, select \( \text{Stop} \) or \( \text{Save} \).

6. Select \( \text{Save} \).

You can also make fake calls appear more realistic by showing a caller ID image and caller’s name or number.

1. In Menu mode, select \( \text{Settings} \rightarrow \text{Applications} \rightarrow \text{Call} \rightarrow \text{Fake call} \).

2. Select \( \text{Name} \) or \( \text{Number} \).

3. Enter a name or number.

4. Select \( \text{Fake caller image} \).

5. Select the image field \( \rightarrow \) an option.

6. Add an image by selecting one from the image folder or capturing a new one and select \( \text{Set} \).

7. Select \( \text{Back} \rightarrow \text{Save} \).

---

**Use Fixed Dialling Number (FDN) mode**

In FDN mode, your device will restrict outgoing calls, except for the numbers stored in the SIM card. You must first set up your FDN list in the phonebook to use FDN mode. To activate FDN mode,

1. In Menu mode, select \( \text{Settings} \rightarrow \text{Security} \rightarrow \text{Fixed dialling mode} \).

2. Enter the PIN2 supplied with your SIM card and select \( \text{Done} \).

**Set call diverting**

Call diverting is a network feature to send incoming calls to another number that you specify. You can set this feature separately for several conditions when you are not able to answer calls, such as when you are already on the phone or when you are outside of the service area.

1. In Menu mode, select \( \text{Settings} \rightarrow \text{Applications} \rightarrow \text{Call} \rightarrow \text{Voice call} \rightarrow \text{Call diverting} \).
2 Select a condition.

3 Select **Divert to → Contacts** to add a contact or **To another number** to enter a number to which calls will be forwarded.

4 Select **Activate**.
   Your setting will be sent to the network.

**Set call barring**
Call barring is a network feature to restrict certain types of calling or to prevent others from making calls with your device.

1 In Menu mode, select **Settings → Applications → Call → Voice call → Call barring**.

2 Select a call type to restrict.

3 Select **Activate**.

4 Enter a call barring password and select **Done**.
   Your setting will be sent to the network.

**Set call waiting**
Call waiting is a network feature to alert you of an incoming call while you are on a previous call.

1 In Menu mode, select **Settings → Applications → Call → Voice call → Call waiting**.

2 Select **Activate**.
   Your setting will be sent to the network.

**Logs**
Learn to view and manage logs of calls you have dialled, received, or missed and messages you have sent, or received.

> **View call and message logs**
You can view logs of your calls and messages filtered by their types.

1 In Menu mode, select **Logs**.
2 Scroll left or right to select a log type at the top of the screen.

From the call and message 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.

View the log manager

From the log manager, you can check the amount of data or number of messages sent or received and duration of your calls.

1 In Menu mode, select **Logs → Logs → Log manager**.

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call duration</td>
<td>View time data for your calls, such as the duration of the last call and the total duration of all calls.</td>
</tr>
<tr>
<td>Message counter</td>
<td>View the number of messages you have sent or received.</td>
</tr>
<tr>
<td>Email counter</td>
<td>View the number of emails you have sent or received.</td>
</tr>
<tr>
<td>Call costs</td>
<td>View cost records for your calls, such as the cost of the last call and the total cost of all calls. You can also set the currency and price per unit, or cost limit to restrict calls according to your calling plan; The cost counter may be unavailable depending on your SIM card.</td>
</tr>
</tbody>
</table>

You can reset the records in the log manager. From each screen, select **Reset**.
Messages
Learn to create and send text (SMS) or multimedia (MMS), 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.

Send a text message
1 In Menu mode, select Messages → Compose.
2 Select Contacts.
You can enter a number manually or select one from the logs or contact groups by selecting another option.
3 Select the check boxes next to contacts and select Add.
4 Select Tap to add text and enter your message text.
5 Select Send to send the message.

Set up an MMS profile
To send and receive multimedia messages, you must activate a connection profile for connecting to the MMS server. In addition to profiles that are preset by your service provider, you can add your own connection profile.

1 In Menu mode, select Settings → Connectivity → Network → Connections → Yes.
2 Select Create.
3 Customise the parameters for the connection profile.

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set name</td>
<td>Enter the name for the profile.</td>
</tr>
<tr>
<td>Access name</td>
<td>Enter the access point name.</td>
</tr>
<tr>
<td>Auth type</td>
<td>Select an authentication type.</td>
</tr>
<tr>
<td>User ID</td>
<td>Enter your user name.</td>
</tr>
<tr>
<td>Password</td>
<td>Enter your password.</td>
</tr>
<tr>
<td>Protocol</td>
<td>Select a network protocol.</td>
</tr>
<tr>
<td>Home URL</td>
<td>Enter the MMS server address.</td>
</tr>
<tr>
<td>Proxy address</td>
<td>Enter the address of the proxy server.</td>
</tr>
<tr>
<td>Linger Time (Sec.)</td>
<td>Enter how long the device will wait for responses from the network.</td>
</tr>
<tr>
<td>Advanced settings</td>
<td>Customise IP and DNS addresses and traffic class.</td>
</tr>
</tbody>
</table>

4 When you are finished, select **Save**.

5 In Menu mode, select **Messages → → Settings → Multimedia messages → Multimedia message profiles**.

6 Select a connection profile → **Set**.

**Send a multimedia message**

1 In Menu mode, select **Messages → Compose**.

2 Select **Contacts**.

You can enter a number or email address manually or select one from the logs or groups by selecting another option.

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

When you enter an email address, the device will ask if you want to send a multimedia message. Select **OK** to confirm.
4 Select **Tap to add text** and enter your message text.

5 Select 📄 and attach a file.
   You can select a file from the file list or capture a photo, video, or sound clip.

6 Select **Send** to send the message.

**View a text or multimedia message**
Messages you have received, sent or saved are sorted automatically into the following message folders.

- **Inbox**: Received messages
- **Sentbox**: Sent messages
- **Outbox**: Messages that are currently sending or waiting to be sent
- **Drafts**: Messages that you have saved for future use

1 In Menu mode, select **Messages** and select a conversation.

By default, your messages are grouped by contact as a message conversation. To change the view mode, select • → **Folder view**.

2 Select a text or multimedia message.

From the message list, use the following options:

- To view the messages on the conversation view, select • → **Conversation view**.
- To delete the messages, select • → **Delete**.
- To search for a message you want, select • → **Search**.
- To move the message to a created folder, select • → **Move to My folders** from the message list.
- To view message templates or access the folders you have created, select • → **My folders**.
- To view broadcast messages from networks, select • → **Broadcast messages**.
- To view messages in the spambox, select • → **Spambox**.
• To sort messages as desired, select → List by.
• To backup a message, select → Backup text messages.
• To adjust the message settings, select → Settings.

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,

1 In Menu mode, select 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.

Use message templates
Learn to create and use text and multimedia templates to quickly and easily create new messages.

Create a text template
1 In Menu mode, select Messages.
2 Select → My folders → Templates → Create.
3 Enter your text and select Save.

You can now insert a text template in the text field while creating a text, multimedia, or email message by using the inserting option.

Create a multimedia template
1 In Menu mode, select Messages.
2 Select → My folders → MMS cards → Create.
3 Create a multimedia message, with a subject and desired attachments, to use as your template. ▶ p. 42
4  Select **Save**.

You can now use a multimedia template to create a new multimedia message. From the MMS card list, tap and hold a template and select **Send**. Your template will open as a new multimedia message.

**Create a folder to manage messages**

Learn to create folders to manage your messages according to your preferences and needs.

1  In Menu mode, select **Messages**.
2  Select ➕ → **My folders** → **Create**.
3  Enter a new folder name and select **Done**.

You can now move your important messages from the inbox or sentbox to a custom folder for easier management or to protect them from accidental deletion.

**Send an SOS message**

In case of an emergency, you can ask for help by sending an SOS message to specified recipients.

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

1  In Menu mode, select **Messages**.
2  Select ➕ → **Settings** → **SOS messages** → **Sending options**.
3  Select **Sending SOS** to activate the SOS messaging feature.
4  Select **Recipients** to open the recipient list.
5  Enter a recipient number and select **OK**. Skip to step 9.

To select a number saved in your contact list, select **Recent**, **Contacts**, or **Groups** and then continue with the next step.

6  Select contacts and select **Add**.
7 Select a phone number (if necessary).
8 When you are finished setting the recipients, select OK.
9 Select Repeat, select the number of times to repeat the SOS message, and select Set.
10 Select Set → Yes.

To send an SOS message, the touch screen and keys must be locked. Press the Volume key 4 times.

Email
Learn to send or view email messages via your personal or company email account.

Set up an email account and profile
In addition to the email account predefined by your service provider, you can add your personal email accounts. Also, you can add your own connection profile for using email services.

Set up an email account
1 In Menu mode, select Email → Others.
   To set up an account for a specific email service, select the service name.
2 Customise the settings for the account by following the screens:

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account name</td>
<td>Enter a name for the account. This option is available only when setting up a new email account.</td>
</tr>
<tr>
<td>Email address</td>
<td>Enter your email address.</td>
</tr>
<tr>
<td>User name</td>
<td>Enter your user name for the account.</td>
</tr>
<tr>
<td>Password</td>
<td>Enter your password for the account.</td>
</tr>
<tr>
<td>SMTP server</td>
<td>Enter the address of the SMTP server (outgoing server).</td>
</tr>
</tbody>
</table>
Send an email message

1. In Menu mode, select Email → an account → Compose.
   You can select Account list to view other accounts.

2. Select Contacts.
   You can enter an email address manually or select one from the logs or groups by selecting another option.

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

4. Select the Cc/Bcc field and add more recipients.

5. Select the subject field and enter a subject.

6. Select the text input field and enter your email text.

7. Select → Attach items and attach a file.
   You can select a file from the file list or capture a photo, video, or sound clip.

8. Select Send to send the message.

Select an email profile

1. In Menu mode, select Email → Settings → Email profiles.

2. Select a profile and select Set.
View an email message

1. In Menu mode, select Email → an account.
2. Scroll to the inbox.
3. Select → Download.
4. Select an email.
5. Select → Retrieve to view the body of the email.

Synchronise emails with the Exchange server

After configuring sync settings, you can synchronise your emails with the Exchange server. To configure the Exchange server,

1. In Menu mode, select Email → → Settings → Email accounts → New → Exchange ActiveSync.

Customise the settings for the Exchange server by following screens:

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Email address</td>
<td>Enter your email address for the Exchange server.</td>
</tr>
<tr>
<td>User name</td>
<td>Enter your user name for the Exchange server.</td>
</tr>
<tr>
<td>Password</td>
<td>Enter your password for the Exchange server.</td>
</tr>
<tr>
<td>Domain</td>
<td>Enter the domain of your email address.</td>
</tr>
<tr>
<td>Server URL</td>
<td>Enter the URL of the Exchange server.</td>
</tr>
<tr>
<td>Use SSL</td>
<td>Set to use the SSL (Secure Sockets Layer) protocol to increase security.</td>
</tr>
</tbody>
</table>
In Menu mode, select ChatON → Yes.

If you are launching this application for the first time, read the terms and conditions and select Accept.

Follow the on-screen instructions to complete the account setup.

Chat with friends and family instantly.

IM

Learn to chat with friends and family from any of the universal instant messengers.

In Menu mode, select IM.

Select a messenger.

ChatON

Learn to chat with your friends and family in ChatON. This is a global communication service based on mobile phone numbers, regardless device type or operating system. While having a conversation with your buddies, you can send various multimedia files and data, such as photos, videos, and contact numbers.

After customising the server setting, select the dot next to data types to synchronise.

For synchronising emails and calendar events, you can set the data range to synchronise.

When you are finished, select Done.

To synchronise your emails,

In Menu mode, select Email → the Exchange server account.

Select Download.

After customising the server setting, select the dot next to data types to synchronise.

For synchronising emails and calendar events, you can set the data range to synchronise.

When you are finished, select Done.

To synchronise your emails,
3 Enter your user name and password to sign in.
4 Chat with friends and family instantly.
   Available instant messengers may vary depending on your region or service provider.

Social Hub
Learn to access Social Hub™, the integrated communication application for email, messages, or SNS. Visit http://socialhub.samsungmobile.com for more details.

1 In Menu mode, select Social Hub.
2 Check and use contents delivered from Social Hub.
Entertainment

Camera
Learn how to capture and view photos and videos. You can take photos at resolutions up to 2048 x 1536 pixels (3.2 mega pixels) and videos at resolutions up to 320 x 240 pixels. Photos are saved in jpg format and videos are saved in mp4 format.

Capture a photo
1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the device anti-clockwise to landscape view.
   • The camera interface appears only in the landscape orientation.
   • The camera automatically turns off when you do not use it for a specified period.
   • The memory capacity may differ depending on the shooting scene or shooting conditions.
3. Aim the lens at the subject and make any necessary adjustments.
<table>
<thead>
<tr>
<th>Number</th>
<th>Function</th>
</tr>
</thead>
</table>
| 1      | Check the camera status and settings.  
  • : Resolution  
  • : Exposure metre type  
  • : Default storage location  
  • : Number of photos you can take (according to available memory) |
| 2      | Switch to the camcorder. |
| 3      | Change the shooting mode. |
| 4      | Change the scene mode. |
| 5      | Change the camera settings. |
| 6      | Hide or display icons in the viewfinder. |
| 7      | Adjust the colour balance according to lighting conditions. |
| 8      | Select the length of the delay before the camera takes a photo. |
| 9      | Adjust the brightness; Select \( \) to increase or \( \) to decrease. |
| 10     | View the photo or video you capture last. |

4. Press the Volume key to zoom in or out.
5. Press the Camera key to take a photo. The photo is saved automatically.

After taking photos, select \( \) to view the captured photos.

- To view more photos, scroll left or right or tilt the device left or right.
- To zoom in, place two fingers on the screen and spread them apart (move your fingers closer together to zoom out). To exit the zoom mode, select **Real size**.
- To start a slideshow with photos and videos, select \( \). Tap the screen to stop the slideshow.
For example, when you take photos at night, select the night mode that uses an extended exposure.

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the device anti-clockwise to landscape view.
3. Select \( \text{Scene} \rightarrow \text{a scene} \rightarrow \text{Smile shot} \).
4. Make any necessary adjustments.
5. Press the Camera key to take a photo.

Capture a photo in Smile shot mode
Your camera can recognise people’s faces and help you take photos of their smiling faces.

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the device anti-clockwise to landscape view.
3. Select \( \text{Scene} \rightarrow \text{Smile shot} \).
Press and hold the Camera key. The camera will continue to take photos until you release the Camera key.

**Capture a panoramic photo**
You can take wide panoramic photos using Panorama shooting mode. This mode is convenient for photographing landscapes.

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the device anti-clockwise to landscape view.
3. Select → **Panorama**.
4. Select a direction.
5. Make any necessary adjustments.
6. Press the Camera key to take the first photo.

**Capture a series of photos**
You can easily take a series of photos of moving subjects. This is useful when you are photographing children at play or a sporting event.

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the device anti-clockwise to landscape view.
3. Select → **Continuous**.
4. Make any necessary adjustments.

5. Press the Camera key.
6. Aim the camera lens at your subject. Your device recognises people in an image and detects their smiles. When the subject smiles, the device automatically takes a photo.
Select an image layout and press the Camera key.
4
Make any necessary adjustments.
5
Press the Camera key to take photos for each segment.
6

Capture a photo with decorative frames
In Idle mode, press the Camera key to turn on the camera.
1
In Idle mode, press the Camera key to turn on the camera.
1
Rotate the device anti-clockwise to landscape view.
2
Select Frame.
3
Select a frame and press the Camera key.
4
Make any necessary adjustments.
5
Press the Camera key to take the photo and automatically apply the decorative frame.
6

Capture a mosaic photo
You can capture multiple images and automatically combine them into a mosaic.

1
In Idle mode, press the Camera key to turn on the camera.
2
Rotate the device anti-clockwise to landscape view.
3
Select Frame.
4
Select a frame and press the Camera key.
5
Make any necessary adjustments.
6
Press the Camera key to take the photo and automatically apply the decorative frame.
7
Slowly move the device in the direction you selected and align the green frame with the viewfinder. When you have aligned the green frame and viewfinder, the camera will automatically take the next photo.
8
Repeat step 7 to complete the panoramic photo.
9
Select to save the panoramic photo.

Capture a mosaic photo
You can capture multiple images and automatically combine them into a mosaic.

1
In Idle mode, press the Camera key to turn on the camera.
2
Rotate the device anti-clockwise to landscape view.
3
Select Frame.
4
Select a frame and press the Camera key.
5
Make any necessary adjustments.
6
Press the Camera key to take the photo and automatically apply the decorative frame.
Customise camera settings

Before taking a photo, select 📷 → 📷 to access the following options:

<table>
<thead>
<tr>
<th>Setting</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>Change the resolution option.</td>
</tr>
<tr>
<td>Effects</td>
<td>Apply a special effect, such as sepia, negative, or black and white tones.</td>
</tr>
<tr>
<td>Exposure metering</td>
<td>Select a type of exposure metre.</td>
</tr>
<tr>
<td>Image quality</td>
<td>Set the quality level for your photos.</td>
</tr>
</tbody>
</table>

Before taking a photo, select 📷 → 👷 to access the following settings:

<table>
<thead>
<tr>
<th>Setting</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guidelines</td>
<td>Display the guidelines on the preview screen.</td>
</tr>
</tbody>
</table>

**Review**
Set the camera to display the captured image.

**GPS connection**
Set the camera to include location information for your photos.

- To improve GPS signals, avoid shooting in locations where the signal may be obstructed, such as between buildings or in low-lying areas, or in poor weather conditions.
- Alternately, customise the GPS connection settings to improve GPS reception. ► p. 101

<table>
<thead>
<tr>
<th>Setting</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shutter sound</td>
<td>Set the camera shutter to make a sound when capturing a photo.</td>
</tr>
<tr>
<td>Storage</td>
<td>Select a memory location for storing captured photos.</td>
</tr>
<tr>
<td>Reset settings</td>
<td>Reset menus and shooting options.</td>
</tr>
</tbody>
</table>
Capture a video

1 In Idle mode, press the Camera key to turn on the camera.
2 Rotate the device anti-clockwise to landscape view.
3 Select  to switch to the camcorder.
4 Aim the lens at the subject and make any necessary adjustments.

<table>
<thead>
<tr>
<th>Number</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Check the camcorder status and settings.</td>
</tr>
<tr>
<td></td>
<td>-  : Resolution</td>
</tr>
<tr>
<td></td>
<td>-  : Default storage location</td>
</tr>
<tr>
<td></td>
<td>-  : Length of video that can be captured (according to available memory)</td>
</tr>
<tr>
<td>2</td>
<td>Switch to the camera.</td>
</tr>
<tr>
<td>3</td>
<td>Change the recording mode (for attaching to a multimedia message or for saving normally).</td>
</tr>
<tr>
<td>4</td>
<td>Change the camcorder settings.</td>
</tr>
<tr>
<td>5</td>
<td>Hide or display icons in the viewfinder.</td>
</tr>
<tr>
<td>6</td>
<td>Adjust the colour balance according to lighting conditions.</td>
</tr>
<tr>
<td>Number</td>
<td>Function</td>
</tr>
<tr>
<td>--------</td>
<td>----------</td>
</tr>
<tr>
<td>7</td>
<td>Select the length of the delay before the camera starts recording a video.</td>
</tr>
<tr>
<td>8</td>
<td>Adjust the brightness; Select ( \mathbf{+} ) to increase or ( \mathbf{-} ) to decrease.</td>
</tr>
<tr>
<td>9</td>
<td>View the photo or video you capture last.</td>
</tr>
</tbody>
</table>

5 Press the Volume key to zoom in or out.
6 Press the Camera key to start recording.
7 Select \( \mathbf{6} \) or press the Camera key to stop recording. The video is saved automatically.

The camera may not be able to properly record videos to a memory card with a slow transfer speed.

After capturing videos, select \( \mathbf{7} \) to view the captured videos.

- To view more videos, scroll left or right or tilt the device left or right.
- To play the video, select \( \mathbf{8} \) at the centre of the screen.
- To start a slideshow with photos and videos, select \( \mathbf{9} \). Tap the screen to stop the slideshow.
- To view video details, select \( \mathbf{i} \).
- To delete a video, select **Delete → Yes**.
- To use additional features, select \( \mathbf{8} \) and select one of the following options:
  - **Send via**: Send the video to others via multimedia message, email, or the Bluetooth wireless feature.
  - **Upload**: Post the video to a community website or blog.
Customise camcorder settings

Before capturing a video, select \( \Rightarrow \rightarrow \Rightarrow \) to access the following options:

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>Change the resolution option.</td>
</tr>
<tr>
<td>Effects</td>
<td>Apply a special effect, such as sepia, negative, or black and white tones.</td>
</tr>
<tr>
<td>Video quality</td>
<td>Set the quality level for your videos.</td>
</tr>
</tbody>
</table>

Before capturing a video, select \( \Rightarrow \rightarrow \Rightarrow \) to access the following settings:

<table>
<thead>
<tr>
<th>Setting</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guidelines</td>
<td>Display the guidelines on the preview screen.</td>
</tr>
<tr>
<td>Audio recording</td>
<td>Turn the audio on or off.</td>
</tr>
</tbody>
</table>

Video player

Learn to use the video player to play various kinds of videos. The video player supports the following file formats: mp4, 3gp.

Play a video

1. In Menu mode, select Video player.
2. Select a video to play.
### Control playback with the following keys:

<table>
<thead>
<tr>
<th>Number</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Activate the 5.1 channel surround sound system when a headset is connected.</td>
</tr>
<tr>
<td>2</td>
<td>Move to a point in the file by dragging the bar.</td>
</tr>
<tr>
<td>3</td>
<td>Restart playback; Skip backward (tap within 3 seconds); Scan backward in a file (tap and hold).</td>
</tr>
<tr>
<td>4</td>
<td>Change a ratio of the video screen.</td>
</tr>
<tr>
<td>5</td>
<td>Adjust the volume.</td>
</tr>
<tr>
<td>6</td>
<td>Pause playback; Select to resume playback.</td>
</tr>
<tr>
<td>7</td>
<td>Skip forward; Scan forward in a file (tap and hold).</td>
</tr>
</tbody>
</table>

### Customise video player settings

During video playback, select to access the following settings:

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brightness</td>
<td>Adjust the brightness of the video.</td>
</tr>
</tbody>
</table>
Some file formats are not supported depending on the software of the phone.

If the file size exceeds the available memory, an error can occur when you open files.

Add music files to your device

Start by transferring files to your device or memory card:

- Download from the wireless web. ► p. 76
- Download from a PC with the optional Samsung Kies. ► p. 90
- Receive via Bluetooth. ► p. 85
- Copy to your memory card. ► p. 91
- Synchronise with Windows Media Player 11. ► p. 91

Samsung is not responsible for any use of default music files provided on your device.

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mosaic search</td>
<td>Divide the video into segments to apply different settings to each segment.</td>
</tr>
<tr>
<td>Send via</td>
<td>Send the video to others via multimedia message, email, or the Bluetooth wireless feature.</td>
</tr>
<tr>
<td>Upload to Web</td>
<td>Post the video to a community website or blog.</td>
</tr>
<tr>
<td>Details</td>
<td>View the details of the video.</td>
</tr>
</tbody>
</table>

Music

Learn to listen to your favourite music while on the go with the music player. The music player supports the following file formats: mp3, aac, wma, 3gp, and m4a.
Play music

After transferring music files to your device or memory card,

1. In Menu mode, select Music.
2. Scroll left or right to a music category.
4. Control playback with the following keys:

<table>
<thead>
<tr>
<th>Number</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Activate the 5.1 channel surround sound system when a headset is connected.</td>
</tr>
<tr>
<td>2</td>
<td>View the details of the music file.</td>
</tr>
<tr>
<td>3</td>
<td>Move to a point in the file by dragging the bar.</td>
</tr>
<tr>
<td>4</td>
<td>Restart playback; Skip backward (tap within 3 seconds); Scan backward in a file (tap and hold).</td>
</tr>
<tr>
<td>5</td>
<td>Activate Shuffle mode.</td>
</tr>
<tr>
<td>6</td>
<td>Change the repeat mode (off, repeating one file, or repeating all files).</td>
</tr>
<tr>
<td>7</td>
<td>Adjust the volume.</td>
</tr>
<tr>
<td>8</td>
<td>Skip forward; Scan forward in a file (tap and hold).</td>
</tr>
</tbody>
</table>
Select the created playlist.

Select Add.

Select the files you want to include and select Add.

Add a song to the quick list
1. During playback, select Add to quick list to store your favourite songs to the quick list.
2. To view other songs on the list, select Go to quick list.

Customise music player settings
1. In Menu mode, select Music.
2. Select → Settings.
3. Adjust the following settings to customise your music player:

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equaliser</td>
<td>Select a default equaliser type.</td>
</tr>
</tbody>
</table>
Select 2 to record a part of a song. After 10 seconds, the recording will stop automatically.

Follow the on-screen instructions to get the music information from the server.

**Find music information**
Learn to access an online music service to get information about a song.

- This service is not available from some service providers.
- The database may not include information for all songs.


2. Select  to record a part of a song. After 10 seconds, the recording will stop automatically.

3. Follow the on-screen instructions to get the music information from the server.

**Add music information to the wish list**

1. From the list of music recognition results or similar music files, select Add to Wish list to store the music file to the wish list.

2. To view other songs on the wish list, select Music →  → Wish list.

**FM radio**
Learn to listen to music and news on the FM radio. To listen to the FM radio, you must connect the supplied headset, which serves as the radio antenna.
Listen to the FM radio

1. Plug the supplied headset into the device.
2. In Menu mode, select **FM radio**.
3. Select **Yes** to start automatic tuning. 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.*
4. Control the FM radio with the following keys:

<table>
<thead>
<tr>
<th>Number</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Set the FM radio to automatically retune frequencies for stations when the current signal is weak.</td>
</tr>
<tr>
<td>2</td>
<td>Turn off the FM radio; Select ► to turn on the FM radio.</td>
</tr>
<tr>
<td>3</td>
<td>Search for an available radio station.</td>
</tr>
<tr>
<td>4</td>
<td>Change the frequency by 0.1 MHz.</td>
</tr>
<tr>
<td>5</td>
<td>Add the current radio station to the favourites list.</td>
</tr>
<tr>
<td>6</td>
<td>Change the sound output (headset or device's speaker).</td>
</tr>
<tr>
<td>7</td>
<td>Change the frequency by scrolling left or right on the scale bar.</td>
</tr>
<tr>
<td>8</td>
<td>Adjust the volume.</td>
</tr>
</tbody>
</table>
Record a song from the FM radio
1. Plug the supplied headset into the device.
2. In Menu mode, select **FM radio**.
3. Select ‹ to turn on the FM radio.
4. Scroll to the radio station you want.
5. Select ‼️ → **Record** to start recording.
6. When you are finished recording, select **Save**.
   The recorded file will be saved in **Sounds** (in Menu mode, select **My files → Sounds**).
   To listen to a recorded file, select ‼️ → **Go to Sounds** → a file.

Add a radio station to the favourites list
1. Plug the supplied headset into the device.
2. In Menu mode, select **FM radio**.
3. Select ‹ to turn on the FM radio.
4. Scroll to the radio station you want.
5. Select ‼️ to add to the favourites list.
6. To remove or rename a favourite radio station, tap and hold the radio station.

Save radio stations automatically
1. Plug the supplied headset into the device.
2. In Menu mode, select **FM radio**.
3. Select ‼️ → **Scan**.
4. Select **Yes** to confirm (if necessary).
   The FM radio scans and saves available stations automatically.

Customise FM radio settings
1. In Menu mode, select **FM radio**.
2. Select ‼️ → **Settings**.
Adjust the following settings to customise your FM radio:

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alternative frequency</td>
<td>Set whether or not the FM radio attempts to retune a radio station when the current signal is weak.</td>
</tr>
<tr>
<td>FM radio auto off</td>
<td>Set the FM radio to automatically turn off after a specified length of time.</td>
</tr>
<tr>
<td>Record location</td>
<td>Set a memory location for storing FM radio clips.</td>
</tr>
<tr>
<td>Default name of recording files</td>
<td>Set a default prefix for FM radio clips.</td>
</tr>
</tbody>
</table>

Games

Learn to use games and applications powered by award-winning Java technology.

⚠️ The download of Java games or applications may not be supported depending on the software of the device.

Download games and applications

1 In Menu mode, select Games → More games. Your device connects to the website preset by your service provider.
2 Search for a game or application and download it to the device.
Play games or launch applications

1. In Menu mode, select Games.

2. Select a game or application from the list and follow the on-screen instructions.

- Available games or applications may vary depending on your region or service provider.
- Controls and options of games or applications may vary.
- Select Protection to protect your games or applications from accidental deletion.
Personal information

Contacts
Learn to create and manage a list of your personal or business contacts stored on the device’s memory or a SIM card. You can save names, mobile phone numbers, home phone numbers, email addresses, birthdays and more for your contacts.

Create a contact
1 In Menu mode, select Contacts → Create.
2 Enter contact information.
3 Select Done to add the contact to memory.

You can also create a contact from the dialling screen.
1 In Menu mode, select Keypad and enter a phone number.
2 Select Add to Contacts → Create contact.
3 Enter contact information.
4 Select Done to add the contact to memory.

Find a contact
1 In Menu mode, select Contacts.
2 Select Search and enter the first letters of the name you want.
3 Select the contact’s name from the contact list.

Once you find a contact, you can:
• Send a text or multimedia message by selecting •
• Make a call by pressing [ ].
• Edit the contact information by selecting Edit.
To use additional options for a contact, tap and hold the contact in the list.

Set a favourite number

1. In Menu mode, select **Contacts** → **Favourites** → **Add**.
2. Select the check box next to the contact and **Add**. The contact is saved to the favourite number list. You can also select a contact from the contact list and then select ⭐ next to the contact name.
3. The favourite numbers will be assigned to the buddy list (👤) on the widget toolbar.

Create your namecard

1. In Menu mode, select **Contacts** → → **My profile**.
2. Enter your own personal details.
3. Select **Done**.

You can send your namecard by attaching it to a message or email or transferring it via the Bluetooth wireless feature.

Retrieve contacts from your community accounts

You can view the list of community website accounts and select an account to add a contact from the website to your device contacts.

1. In Menu mode, select **Contacts** → → **Get friends**.
   The list of the accounts you added will appear.
2. Select an account.
3. Select **Contact sync** → **Sync now**.
Create a group of contacts
By creating groups of contacts, you can manage multiple contacts and send messages or email to an entire group. Start by creating a group.

1. In Menu mode, select **Contacts → Groups → Create**.
2. Select a memory location to save a group.
3. Enter a name and select a ringtone for the group.
4. Select **Save**.

Copy contacts

1. In Menu mode, select **Contacts → Groups → Copy contacts**.
2. Select a copy option (from the device to the SIM card, or from the SIM card to the device).
3. Select contacts to copy.
4. When you are finished selecting contacts, select **Copy**.
5. For copying contacts to the SIM card, select **Yes**.

Calendar
Learn to create and manage daily or monthly events, and set alarms to remind yourself of important events.

Create an event

1. In Menu mode, select **Calendar**.
2. Select **Create**.
3. Enter the details of the event as required.
4. Select **Save**.
**View events**

To change the calendar view,

1. In Menu mode, select **Calendar**.
2. Select a view mode from the top line of the calendar.
3. Select an event to view its details.

To view events of a specific date,

1. In Menu mode, select **Calendar**.
2. Select a date on the calendar.
   - In month view, days with scheduled events are indicated by a small triangle.
   - To move to a specific day by entering a date manually, select **Go to**, enter the date, and select **Go to**.
3. Select an event to view its details.

- You can send the event to others by selecting **Send via** → an option.
- You can print the event via Bluetooth by selecting **Print via Bluetooth**.
- You can synchronise your calendar with an Exchange server after configuring sync settings. ► p. 48

**Stop an event alarm**

If you set an alarm for a calendar event, the alarm will sound at the specified time. To stop the alarm, tap and hold **Stop**.

**Task**

Learn to create a virtual task list and set alarms to remind yourself of important tasks or set priority.
Create a task

1. In Menu mode, select **Task**.
2. Select **Create**.
3. Enter the details of the task.
4. Select **Save**.

View tasks

1. In Menu mode, select **Task**.
2. Select **•** → **List by** and select a category to sort the tasks.
3. Select a task to view its details.
   For completed tasks with an expired deadline, you can set their status to completed by selecting a task and the check box from the top line.

Memo

Learn to record important information to save and view at a later date.

Create a memo

1. In Menu mode, select **Memo**.
2. Select **Create**.
3. Enter your memo text and select **Back**.
4. Select a colour to change a background colour.
5. Select **Save**.

• You can send the task to others by selecting **•** → **Send via** → an option.
• You can print the task via Bluetooth by selecting **•** → **Print via Bluetooth**.
• You can synchronise your tasks with an Exchange server after configuring sync settings. ► p. 48
View memos
1 In Menu mode, select Memo.
2 Select a memo to view its details.
   To view all details of memos from the memo list, select Maximise.
   You can send the memo to others by selecting → Send via → an option.

Voice rec.
Learn to operate your device’s voice recorder. You can set voice memos as call or alarm ringtones.

Record a voice memo
1 In Menu mode, select Voice rec.
2 Select ◼ to start recording.
3 Speak into the microphone.
4 When you are finished, select ■ or Save. Your memo is saved automatically.
5 To record more voice memos, repeat steps 2-4.

Play a voice memo
1 In Menu mode, select Voice rec.
2 Select ◼ to open the voice memo list.
3 Select a voice memo to play.
4 Control playback with the following keys:

Voice001.amr
17 Aug. 2015 06:15 PM

2

3
<table>
<thead>
<tr>
<th>Number</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Move to a point of the file by dragging the bar.</td>
</tr>
<tr>
<td>2</td>
<td>Pause playback; Select to resume playback.</td>
</tr>
<tr>
<td>3</td>
<td>Adjust the volume.</td>
</tr>
</tbody>
</table>

You can send the voice memo to others by tapping and holding a voice memo and selecting a sending option.
Internet
Learn to access and bookmark your favourite web pages.

• You may incur additional charges for accessing the web and downloading media. For details, contact your service provider.
• The web browser menu may be labelled differently depending on your service provider.
• Available icons may vary depending on your region or service provider.

Set up an internet profile
To access the network and connect to the internet, you must activate a connection profile. In addition to profiles that are preset by your service provider, you can add your own connection profile.

1 In Menu mode, select Settings → Connectivity → Network → Connections → Yes.
2 Select Create.
3 Customise the network settings. ► "Set up an MMS profile" (p. 41)
4 In Menu mode, select Internet → → Internet settings → Internet profiles.
5 Select a connection profile → Set.

Browse web pages
1 In Menu mode, select Internet to launch a specified homepage.
To access a specific web page, select the URL input field, enter the web address (URL) of the web page, and select Go.
Navigate web pages with the following keys:

1. Bookmark the current web page.
2. Change the view mode.
3. Move backward or forward to web pages in history.
4. Access a list of web browser options.
5. Refresh the current web page.
7. Open a web page in a new window or switch between the currently opened windows.
8. Open a list of saved bookmarks, frequently visited pages and RSS feeds and recent internet history.

The above screen may differ depending on your region or service provider.

<table>
<thead>
<tr>
<th>Number</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bookmark the current web page.</td>
</tr>
<tr>
<td>2</td>
<td>Change the view mode.</td>
</tr>
<tr>
<td>3</td>
<td>Move backward or forward to web pages in history.</td>
</tr>
<tr>
<td>4</td>
<td>Access a list of web browser options.</td>
</tr>
<tr>
<td>5</td>
<td>Refresh the current web page.</td>
</tr>
<tr>
<td>6</td>
<td>End the internet connection.</td>
</tr>
<tr>
<td>7</td>
<td>Open a web page in a new window or switch between the currently opened windows.</td>
</tr>
<tr>
<td>8</td>
<td>Open a list of saved bookmarks, frequently visited pages and RSS feeds and recent internet history.</td>
</tr>
</tbody>
</table>

1. These icons are shown when you tap the screen.
While browsing the web page, use the following options:

- To zoom in, place two fingers on the screen and spread them apart (move your fingers closer together to zoom out).
- To translate a word, tap and hold the word you want to translate and select Translate.

**Bookmark your favourite web pages**

You can bookmark web pages you frequently visit for quick access. While navigating the web, select to bookmark the current web page.

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

1. In Menu mode, select **Internet → Internet settings**.
2. Select **Add**.
3. Enter a page title and a web address (URL).
4. Select **Save**.

**Customise browser settings**

1. In Menu mode, select **Internet → Internet settings**.

2. Adjust the following settings to customise your web browser:

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homepage</td>
<td>Enter the web address of the website to use as your homepage.</td>
</tr>
<tr>
<td>View mode</td>
<td>Select the normal screen or full screen mode.</td>
</tr>
<tr>
<td>Auto save password</td>
<td>Set to automatically save your password.</td>
</tr>
<tr>
<td>Internet profiles</td>
<td>Select a connection profile to use for web connections.</td>
</tr>
<tr>
<td>Cookie options</td>
<td>Set whether or not to save cookies.</td>
</tr>
<tr>
<td>Option</td>
<td>Function</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Clear cache</td>
<td>Clear the cache; The cache is a temporary memory location that saves information from recently accessed web pages.</td>
</tr>
<tr>
<td>Delete cookies</td>
<td>Delete cookies saved in the device; Cookies are pieces of personal information sent to a web server while navigating the web.</td>
</tr>
<tr>
<td>Delete saved ID/password</td>
<td>Delete all saved passwords.</td>
</tr>
<tr>
<td>Delete database</td>
<td>Delete all saved web database.</td>
</tr>
<tr>
<td>RSS update</td>
<td>Set the web browser to automatically update subscribed RSS feeds at regular intervals. Activating the auto update feature increases the amount of data downloaded and may incur additional charges.</td>
</tr>
<tr>
<td>Server certificates</td>
<td>View the details of certificates.</td>
</tr>
<tr>
<td>Preferences</td>
<td>Change display and sound settings for the web browser.</td>
</tr>
<tr>
<td>About Internet</td>
<td>Access version and copyright information about the web browser.</td>
</tr>
<tr>
<td>Auto delete browsing data</td>
<td>Set to automatically delete data stored while browsing, such as the history, cache, cookies, IDs, and passwords.</td>
</tr>
</tbody>
</table>
Use the RSS reader
Learn to use the RSS reader to receive the latest news and information from your favourite websites.

Add an RSS feed address
1. In Menu mode, select Internet → RSS feeds.
2. Select Add.
3. Enter the title and web address of an RSS feed and select Save.

Update and read RSS feeds
1. In Menu mode, select Internet → RSS feeds.
2. Select Update → feeds → Update → Yes.
3. Select an updated feed.

Samsung Apps
Samsung Apps allows you to simply and easily download an abundance of useful applications to your device. Featuring a wealth of games, news, reference, social networking, widgets, health related applications and more, Samsung Apps gives you instant access to a huge choice in mobile experience.

Your device gets smarter with fully optimised applications from Samsung Apps. Explore amazing applications and make your mobile life even better.

1. In Menu mode, select Samsung Apps.
2. Search for and download applications or widgets as desired.
Synchronise
Learn to synchronise contacts, calendar events, tasks and memos with the web server you have specified.

Set up a synchronisation profile

1. In Menu mode, select **Settings → Connectivity → Synchronise**.

2. Select **Create** and specify the following profile options:

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profile name</td>
<td>Enter a name for the profile.</td>
</tr>
<tr>
<td>Sync category</td>
<td>Select types of data to be synchronised.</td>
</tr>
<tr>
<td>Sync type</td>
<td>Set how to synchronise the device and the server.</td>
</tr>
<tr>
<td>Sync server</td>
<td>Enter the web address of the server to be synchronised.</td>
</tr>
</tbody>
</table>

To use Samsung Apps, your device must be connected to the internet using a cellular connection or Wi-Fi.

You may incur additional charges for accessing the internet and downloading applications.

If the widget toolbar is full, downloaded widgets will not be automatically added to the widget toolbar. You must remove some widgets from the toolbar and add the new widgets manually.

For details, please visit www.samsungapps.com. Or, refer to the Samsung Apps leaflet.

This service may be unavailable depending on your region or service provider.
<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network profile</td>
<td>Select a connection profile to use for synchronisation.</td>
</tr>
</tbody>
</table>

3 When you are finished, select **Save**.

**Start synchronisation**

1 In Menu mode, select **Settings → Connectivity → Synchronise**.

2 Select a synchronisation profile.

3 Select **Start sync** to start synchronisation with the web server you have specified.

---

**Community websites**

Use Facebook and Twitter services.

1 In Menu mode, select **Facebook** or **Twitter**.

2 Enter your username and password and sign in.

3 Share photos, videos, or messages with friends and family.

**YouTube**

Learn to view and share videos via YouTube.

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

1 In Menu mode, select **YouTube**.

2 Select a video from the list of the featured videos.

3 Control playback with the on-screen keys. ➤ p. 60
Connectivity

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 10 m without requiring a physical connection.

You do not need to line up the devices to beam information with Bluetooth. If the devices are within range of one another, you can exchange information between them even if they are located in different rooms.

• Samsung is not responsible for the loss, interception, or misuse of data sent or received via the Bluetooth wireless feature.
• Always ensure that you share and receive data with devices that are trusted and properly secured. If there are obstacles between the devices, the operating distance may be reduced.
• Some devices, especially those that are not tested or approved by Bluetooth SIG, may be incompatible with your device.

> Turn on the Bluetooth wireless feature

1 In Menu mode, select Settings → Connectivity → Bluetooth.
You can also open the shortcuts panel and select Bluetooth.

2 Select the dot on the top right of the screen to turn on the Bluetooth wireless feature.
To allow other devices to locate your device, select 

• • • → Settings → My phone's visibility → Always on → Save.

If you selected Custom, enter duration that your device is visible and select Done.

Once the Bluetooth wireless feature is active, select 

• • • and use the following options:

• To change your device's name, select Settings → My phone's name.
• To set limits on browsing your files to others, select Settings → Secure mode.
• To check Bluetooth services available on your device and information about the services, select Bluetooth services.

Find and pair with other Bluetooth-enabled devices

1 In Menu mode, select Settings → Connectivity → Bluetooth → Search.

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 Done. Alternatively, select Yes 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.
Select a paired device and use the following options:

- To browse files on the paired device, select **Browse files**.
- To view the service list of the paired device, select **Service list**.
- To change the paired device name, select **Rename**.
- To allow the paired device to access and browse your files, select **Authorise device**.
- To send your files to the paired device, select **Send My files**.
- To end the connection and delete the paired device, select **Delete**.

**Send data using the Bluetooth wireless feature**

1. Select a file or item, such as a contact, calendar event, memo, task, or media file, from an appropriate application or **My files**.

2. Select ▸ an option for sending via Bluetooth.

3. Search for and pair with a Bluetooth-enabled device.

**Receive data using the Bluetooth wireless feature**

1. Enter the PIN for the Bluetooth wireless feature and select **Done** (if necessary).

2. Select **Yes** to confirm that you are willing to receive data from the device (if necessary).

Received data is saved to an appropriate application or folder according to its type. For example, a music or sound clip is saved to the sound folder and a contact to the phonebook.
Print data using the Bluetooth wireless feature

1. Select a file or item, such as a message, calendar event, tasks or image, from an appropriate application or My files.

2. Select → Print via → Bluetooth, or select → Print via Bluetooth.

3. Search for and pair with a Bluetooth-enabled printer.

4. When connected to the printer, customise print options and print the data.

Use Remote SIM mode

In Remote SIM mode, you can make or answer calls only with a connected Bluetooth hands-free car kit via the SIM card on your device. To activate Remote SIM mode,

1. In Menu mode, select Settings → Connectivity → Bluetooth.

2. Select → Settings → Remote SIM mode.

To use Remote SIM mode, start the Bluetooth connection from a Bluetooth hands-free car kit.

You must authorise the Bluetooth hands-free car kit.

Wi-Fi

Learn to use your device’s wireless networking capabilities to activate and connect to any wireless local area network (WLAN) compatible with the IEEE 802.11 b/g/n standards.

You can connect to the internet or other network devices anywhere an access point or wireless hotspot is available.

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 Menu mode, select Settings → Connectivity → Wi-Fi. You can also open the shortcuts panel and select 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
1 In Menu mode, select Settings → Connectivity → Wi-Fi.
   The device will automatically search for available WLANs.
2 Select the check box next to a network.
3 Enter a password for the network and select Done (if necessary).

Customise the connection profile
1 In Menu mode, select Settings → Connectivity → Wi-Fi.
2 Select the discovered WLAN AP.
The current connection profile for the network appears.
3 Customise the connection profile of the selected WLAN:

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>View the name of the profile.</td>
</tr>
<tr>
<td>Security type</td>
<td>View the security type of the WLAN AP.</td>
</tr>
<tr>
<td>IP address</td>
<td>View your IP address of the WLAN AP.</td>
</tr>
</tbody>
</table>
Connectivity

Connect to a WLAN using a Wi-Fi Protected Setup (WPS)

1. In Menu mode, select **Settings → Connectivity → Wi-Fi**.
2. Select **WPS PBC** or **WPS PIN** depending on the AP device type.
3. Press a WPS button on the AP device within 2 minutes. Or, enter a PIN on the AP device and select **Start** within 2 minutes.

GPS

Your device is equipped with a global positioning system (GPS) receiver. Learn to activate the GPS feature and customise the GPS settings.

Some features may be unavailable depending on your device model.
To receive better GPS signals, avoid using your device in the following conditions:
- between buildings, in tunnels or underground passages, or inside buildings
- in poor weather
- around high voltage or electromagnetic fields

**Activate the GPS feature**

1. In Menu mode, select **Settings → Connectivity → Location**.
2. Select the dot next to **Enable location services**.
3. Select **OK** to confirm.

**Enhance the GPS functionality**

Learn to enhance the GPS functionality by downloading GPS data files. You can improve the speed and accuracy of your device's positioning capability.

- You may incur additional charges for downloading data.

**Use the mobile networks for location service**

Learn to receive location information through mobile networks. This helps your device show information when there is no GPS signal or when the GPS signal is weak.
PC connections

Learn to connect your device to a PC with the supplied PC data cable in various USB connection modes. By connecting the device to a PC, you can synchronise files with Windows Media Player, transfer data to and from your device directly, use the Samsung Kies program, and use your device as a wireless modem for a PC.

To find and remove bugs to prevent future errors, in Menu mode, select Settings → Connectivity → USB → USB debugging.

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).

1. In Menu mode, select Settings → Connectivity → USB → Samsung Kies → Set.

2. Press [←] to return to Idle mode.
Using an optional PC data cable, connect the multifunction jack on your device to a PC.

Transfer or synchronise mobile data, such as contacts, calendars, music, or photos, between Samsung Kies and connected devices. Refer to the Samsung Kies help for more information.

Synchronise with Windows Media Player
Ensure that Windows Media Player is installed on your PC.

1. In Menu mode, select **Settings** → **Connectivity** → **USB** → **DRM media** → **Set**.
2. Press [/git] to return to Idle mode.
3. 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.
4. Open Windows Media Player to synchronise music files.
5. Edit or enter your device’s name in the pop-up window (if necessary).
6. Select and drag the music files you want to the sync list.
7. Start synchronisation.

Connect as a mass storage device
You can access the file directory of the memory card by using the device as a memory card reader.

1. Insert a memory card into the device.
2. In Menu mode, select **Settings** → **Connectivity** → **USB** → **Mass storage** → **Set**.
3. Press [/git] 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 from 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.

1 In Menu mode, select **Settings → Connectivity → USB → Internet sharing → Set**.

2 Using an optional PC data cable, connect the multifunction jack on your device to a PC.

3 Create a modem connection on your PC.
   How you create a modem connection may differ depending on the operating system of the PC.

4 Select the created modem connection and enter an ID and password provided by your service provider.
Tools

Clock
Learn to set and control alarms, and world clocks. You can also use the stopwatch and count-down timer.

» Set a new alarm
1. In Menu mode, select Clock → .
2. Select Create.
3. Set alarm details.
4. When you are finished, select Save.

Select Auto power-up setting to turn on the auto power-up feature. The auto power-up feature sets the device to sound the alarm at the designated time when the device is turned off.

» Stop an alarm
When the alarm sounds,
• Tap and hold Stop to stop the alarm.
• Tap and hold Snooze to silence the alarm for the snooze period.

» Delete an alarm
1. In Menu mode, select Clock → .
2. Select Delete.
3. Select the alarm you want to delete and select Delete.
› Create a world clock
1 In Menu mode, select Clock → ☕.
2 Select Add.
3 Enter the few letters of a city name.
   To select a city in the world map view, select Map view.
4 Select the city name you want.
5 To add more world clocks, repeat steps 2-4.

› Use the stopwatch
1 In Menu mode, select Clock → ☕.
2 Select Lap to begin the stopwatch.
3 Select Lap to record lap times.
4 When you are finished, select Stop.
5 Select Reset to clear recorded times.

› Use the count-down timer
1 In Menu mode, select Clock → ☕.
2 Set the length of time to count down.
3 Select Start to begin the countdown.
   You can now use other functions with the timer counting down in the background. Press the Menu key and access another application.
4 When the timer expires, tap and hold Stop to stop the alert.
Calculator
Learn to perform mathematical calculations directly on your device like a typical hand-held or desktop calculator.

1. In Menu mode, select Calculator.
2. Use the keys that correspond to the calculator display to perform basic mathematical operations.
3. Rotate the device to landscape view to use the scientific calculator.

My accounts
Learn to manage your web accounts to use online data sync or community services. You can create a new account and change the interval for automatic synchronisation.

Create a web account
1. In Menu mode, select My accounts.

2. Select Add account (if necessary).
3. Select a preset account.

Samsung account is a user account to access Samsung’s smartphone services, such as Samsung Apps and Samsung Dive. You can sign up Samsung account easily in My accounts.

4. Enter your account information and select Next.
5. Enter the account details. ► “Set up an email account” (p. 46)
6. When you are finished, select Set.

If you have created more than two accounts, you can change the order of accounts in the list. Select Account priority.
Delete or edit my accounts

1. In Menu mode, select My accounts.
2. Select an account to delete or edit.
   To edit an account, select the account and change the details → Save.
   To delete an account, select Delete → Yes.

Change the auto sync schedule

1. In Menu mode, select My accounts.
2. Select 2.
3. Select an interval to synchronise data with your accounts and select Set.

My files

Learn to quickly and easily access all of your images, videos, music, sound clips, and other types of files stored on the device or a memory card.

Supported file formats

Your device supports the following file formats:

<table>
<thead>
<tr>
<th>Type</th>
<th>Supported format</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image</td>
<td>bmp, jpg, gif, png, tif, wbmp</td>
</tr>
<tr>
<td>Video</td>
<td>mp4, 3gp</td>
</tr>
<tr>
<td>Sound</td>
<td>wav, mmf, xmf, imy, midi, amr, mp3, aac, m4a, wma</td>
</tr>
<tr>
<td>Themes</td>
<td>smt</td>
</tr>
<tr>
<td>Others</td>
<td>doc, docx, pdf, ppt, pptx, txt, xls, xlsx, htm, html, vbm, vcf, vcs, vnt, jad, jar, cft, der</td>
</tr>
</tbody>
</table>

- Some file formats are not supported depending on the software of the phone.
- If the file size exceeds the available memory, an error can occur when you open files.
View a file

1 In Menu mode, select My files → a file type.
   Folders or files on the memory card are indicated by a memory card icon.

2 Select a folder → a file.
   - In Images, you can view photos you have captured and images you have downloaded or received from other sources.
   - In Videos, you can play videos you have captured and videos you have downloaded or received from other sources.
   - In Sounds, you can play all ringtones, music files, and sound clips you have recorded, including voice memos and FM radio clips.
   - In Themes, you can save photos or ringtones for your display.
   - In Others, you can view documents and data files including unsupported files.

In a folder, select •••• to use the following options:

- To search for files stored on your device, select Search.
- To copy or move the files to another file folder, select Copy or Move.
- To delete the file, select Delete.
- To change the name of a file, select Rename.
- To view the files on the thumbnail view, select Thumbnail view.
- To sort files as desired, select List by.
- To send a file via Bluetooth, select Send via Bluetooth.
- To set Bluetooth visibility for files, select Bluetooth visibility.
- To protect the files from accidental deletion, select Protection.
- To restore a backed up message to an appropriate message folder, select Restore.
Print an image
You can print your jpg images with a USB connection or the Bluetooth wireless feature. You can also send the images with message, email, or Bluetooth.

Print an image using a USB connection
1. Connect your device to a PictBridge-enabled printer with a PC data cable.
2. In Menu mode, select My files → Images → an image.
3. Select → Print via → USB.
4. Set print options and print the image.

Print an image using the Bluetooth wireless feature
1. In Menu mode, select My files → Images → an image.
2. Select → Print via → Bluetooth.
3. Select a Bluetooth-enabled printer and pair with the printer. p. 86
4. Set print options and print the image.

Set an image as your wallpaper
You can set your photos or images as a background image for the idle screen.
1. In Menu mode, select My files → Images → an image.
2. Select → Set as → Wallpaper.

Set a sound clip as your ringtone
You can set any music or sound clips in the sound folder as ringtones for incoming calls, message or alarm tones.
1. In Menu mode, select My files → Sounds → a sound clip.
2. During playback, select → Set as → an option.
Edit an image
Edit images and apply fun effects.

Adjust an image
1. In Menu mode, select My files → Images → an image.
2. Select ⌁ → Edit.
3. Rotate the device anti-clockwise to landscape view. This feature appears only in the landscape orientation.
4. Select Adjust → an adjustment option (brightness and contrast or colour).
   To adjust the image automatically, select Auto level.
5. Adjust the image as desired and select Apply.
6. When you are finished, select Save.
7. Select a memory location (if necessary).
8. Enter a new file name for the image and select Done.

Apply effects to images
1. Open an image to edit.
2. Select Effects → an effect option (filter, style, warp, or partial blur).
3. Select a variation of the effect to apply and select Apply.
   To apply a blur effect to a specific area of an image, select Partial blur, move or resize the rectangle and select Apply.
4. Save the edited image with a new file name.

Transform an image
1. Open an image to edit.
2. Select Transform → a transforming option.
Transform the image as you desired.
• To resize the image, move the scroll bar to a size and select **Save**.
• To rotate the image, select an orientation → **Apply**.
• To crop the image, move or resize the rectangle over the area to crop and select **Apply**.

Save the edited image with a new file name.

**Insert a visual feature**

1. Open an image to edit.
2. Select **Insert** → a visual feature type (text or clip art).
3. Enter text and select **Done** or select a visual feature.
4. Move or resize the visual feature or text and select **Apply**.
5. Save the edited image with a new file name.

**Search**

Learn to search for data stored on your device.

1. In Menu mode, select **Search**.
2. Enter a keyword and select **Search**.
3. Select the data you want to access.
Access the Settings menu

1. In Menu mode, select Settings.
2. Select a setting category and select an option.
3. Customise the setting and select Back or Set.

Flight mode

Disable all wireless functions on your device. You can use only non-network services.

Connectivity

- **Bluetooth**: Activate the Bluetooth feature to exchange information over a distance. ► p. 83
- **Wi-Fi**: Activate the WLAN feature to connect to the internet or other network devices. ► p. 87
- **Synchronise**: Set up a synchronisation profile. ► p. 81
- **Location**: Customise the settings related with GPS connections. ► p. 89
  - **Enable location services**: Activate this feature to locate your position via GPS.
  - **Enable advanced GPS**: Set to improve your GPS reception.
  - **Enable network position**: Set to locate your position via AP devices around you.
  - **My position**: View your current position using the latitude, longitude, and altitude.
  - **Profiles**: Select a connection profile to use for GPS.
• **Network**: Access and alter the following settings to control how your device selects and connects to networks.
  - **Select network**: Set the network selection method to automatic or manual.
  - **Network mode**: Select a network band.
  - **Connections**: Set up connection profiles to use for network features.
  - **Certificates**: View certificates required for network services.
• **Data roaming**: Set to use data services when you are roaming.
• **Use packet data**: Set to allow packet switched data networks for network services.
• **Packet data counter**: View the amount of data you have sent or received.
• **USB**: Set a USB mode to be activated when you connect the device to a PC. ► p. 92

### Sound profiles
Select a sound profile to use or customise sound options in profiles as desired.

To customise a profile, select a profile and customise the following sound options:

• **Call**:  
  - **Alert type**: Select how the device will alert you to incoming calls.
  - **Ringtone**: Select a ringtone to use if you set the device to alert you to incoming calls by playing a melody.
  - Using the slider at the bottom, adjust the volume level for the call ringtone.
• **Message and email**:  
  - **Message alert type**: Select how the device will alert you to incoming messages.
- **Message alert tone:** Select a ringtone to use if you set the device to alert you to incoming messages by playing a melody.
- **Email alert type:** Select how the device will alert you to incoming email messages.
- **Email alert tone:** Select a ringtone to use if you set the device to alert you to incoming email messages by playing a melody.
- Using the slider at the bottom, adjust the volume level for the message ringtone.

  - **System:** Adjust the volume level for system sounds.

**Display and light**

Access and alter the following settings to control the display and usage of the light on your device:

  - **Wallpaper:** Select a background image for the idle screen.

**Lock screen:**

- **Clock position:** Select the location of the clock on the locked screen.
- **Screen saver:** Set the device's screen to stay on while charging the battery.

**Theme:** Select a theme for the display.

**Font type:** Select a font style.

**Brightness:** Set the brightness of the display.

**Backlight time:** Set the length of time the device waits before turning off the display's backlight.

**General**

Access and alter the following settings to control general settings for your device:

  - **Display language:** Select a language to use on the device's display.
• **Keyboard language**: Select input languages to use with the keyboard.

• **Events notifications**: Activate or deactivate an alert for incoming messages, new applications in Samsung Apps, or file transfer from or to others. You can also set to display incoming message contents.

• **Gestures**: Access and alter the following settings to control motion recognition of your device:
  - **Double tapping (Shortcuts)**: Select an application to launch by tapping the device twice quickly when it is in Idle mode.
  - **Orientation**: Set whether or not to rotate the interface automatically when the device is rotated.
  - **Change orientation**: Set whether or not to rotate the interface automatically when the device is rotated.
  - **Flow items in tilt direction**: Set whether or not to scroll through items by tilting the device in a particular direction.

• **OVERTURNING (Etiquette pause)**: Activate the etiquette pause feature that allows you to mute all device sounds by placing the device face down.

• **Licence**: Customise the settings related with licence keys, such as tracking, alert for expiry, or downloading in foreign networks.

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**Date and time**

Access and alter the following settings to control how time and date are displayed on your device:

• **Time zone**: Set your home time zone.

• **Date and time**: Set the current date and time manually.

• **Time format**: Select a time format.

• **Date format**: Select a date format.

• **Automatic time update**: Automatically update the time when you move across time zones.
Menu and widgets

- **Adaptive menu order**: Automatically sort applications by frequency of use (most recent application first).

- **Widget**:
  - **Widget profiles**: Select a connection profile to use for widgets.
  - **Downloaded widgets**: View the list of the downloaded widgets.
  - **Disclaimer**: View the widget disclaimer.

Applications

Access and alter the following settings to control your device’s applications:

**Call**

Customise the settings for calling features.

- **All calls**:
  - **Show my number**: Show your mobile phone number to recipients (You must insert the SIM card to use this feature).
  - **Auto reject**: Specify a list of callers to automatically reject.
  - **Prefix dialling**: Activate prefix dialling and set a prefix dialling number.
  - **Reject call with message**: Edit a message to be sent to a caller when you reject a call.
  - **Answering mode**: Set how to answer calls—either by pressing [ ] or by pressing any key—or set the device to answer automatically after a specified period (available only when a headset is connected).
  - **Call status tones**: Activate or deactivate call connection, minute minder, or call disconnection tones.
  - **Alerts on call**: Activate or deactivate an alert during a call.
• **Voice call:**
  - **Call diverting:** Divert incoming calls to another number.
  - **Call barring:** Block incoming or outgoing calls.
  - **Call waiting:** Allow incoming call alerts when a call is in progress.
  - **Auto redial:** Set whether or not to automatically redial a call that was not connected.

• **Fake call:** Customise the settings for fake calls. ► p. 37

### Messages
Customise the settings for messaging features.

• **General settings:**
  - **Keep a copy:** Set whether or not to save a copy of messages.
  - **Delete by folder:** Select a message folder to delete.
  - **Auto delete:** Set whether or not to delete messages automatically.

• **Block messages:** Block messages from specified addresses and messages that contain specified subjects.

• **Alert tone:** Set how often the device will alert you of new messages.

• **Text messages:**
  - **Character support:** Select a character encoding type. Using Unicode encoding will reduce the maximum number of characters in a message to about half.
  - **Reply path:** Allow recipients to reply to you through your text message server.
  - **Request delivery report:** Set the network to inform you when your messages are delivered.
  - **Service centre:** Enter the centre address for the text messages.
  - **Save to:** Select where to save new text messages.

• **Multimedia messages:**
  - **Sending options:**
    - **Priority:** Set the priority level of your messages.
Expiration: Set how long your messages are stored in the multimedia message server.

Delivery time: Set a time delay before your messages are sent.

Request delivery report: Send a request for a delivery report along with your message to be informed when your messages are delivered.

Request read report: Send a request for a read report along with your messages to be informed when your messages are read.

Add my namecard: Set whether or not to add your namecard to your outgoing messages.

- Receiving options:
  Download Type: Set how to download new multimedia messages.
  Send delivery report: Set the network to inform senders when you receive their messages.
  Send read report: Set the network to inform senders when you read messages.

Allow anonymous: Set whether or not to receive messages from unknown senders.

Allow advertisement: Set whether or not to accept advertisement messages.

- Multimedia message profiles: Select a connection profile to use for sending or receiving messages.

- Message size: Select a maximum size allowed for messages. Available message size may vary depending on your region.

- Auto resize image: Set whether or not to resize an image to add to a multimedia message.

- Creation mode: Select a mode for creating multimedia messages. You can select to create messages with any type of content and of any size or to receive alert messages about content type or size.

- Default style: Set the default message attributes, such as font style, size, colour, and background colour.
• **Push messages:**
  - **Receiving options:** Set whether or not to receive messages pushed from web servers.
  - **Service loading:** Set whether or not to access the linked service web page when you open a push message.

• **Broadcast messages:**
  - **Activation:** Activate or deactivate the broadcast message feature.
  - **Receiving channels:** Set whether to receive messages from all channels or my channels.
  - **My channels:** Select your favourite channels.
  - **Language:** Select the languages of broadcast messages.

• **Voice mail number:** Enter the name and centre address for the voice mail.

• **SOS messages:** Set SOS messages in case of an emergency. ► p. 45

• **Email accounts:** View, set up, or delete email accounts.

• **Sending options:**
  - **Default account:** Select a default email account. This option appears only when you have two or more accounts.
  - **Web accounts:** Customise account settings. If you have two or more accounts, select an account first.
    - **From:** Enter your email address as the sender’s address.
    - **Priority:** Set the priority level of your messages.
    - **Keep a copy:** Set whether or not to save a copy of sent messages in the server.
    - **Reply with body:** Set whether or not to include an original message when you reply to a message.
Forward with files: Set whether or not to include attachments when you forward a message.
Get read report: Send a read-reply request along with your messages to be informed when your messages are read.
Get delivery report: Send a request for a delivery report along with your messages to be informed when your messages are delivered.
Add my namecard: Set whether or not to add your namecard to your outgoing messages.
Always Cc myself: Set whether or not to include your email address to all your outgoing messages.
Add signature: Set whether or not to add your signature to your outgoing messages.
Signature: Enter your signature.

- Send read report: Set the network to inform senders when you read messages.
- Load remote images: Set to load images included in the email body.
- Deleting options: Select whether to delete messages from your device or device and server.
- Block emails: Block emails from specified addresses and subjects.
- Email profiles: Select a connection profile to use for sending or receiving messages.

Contacts
- Memory in use: Set where to save new contacts and display contacts from where.
- Order of display name: Set how to display contact names.
- Own numbers: Store and manage your own numbers.
- Service numbers: Call your service provider to get the information you need.
Calendar
Customise the settings for the calendar.

• **Calendars**: Select a default calendar.
• **Calendar sync**: Synchronise a web calendar with your device’s calendar. ► p. 81
• **View by**: Set the default calendar view (month or day).
• **Starting day**: Set which day should begin the week (Sunday or Monday).

Internet
Customise the settings for the internet browser. ► p. 78

Media player
Customise the settings for the music player and video player.

• **Music player settings**: Set the music player options. ► p. 63

• **VOD settings**: Select a network connection profile to use for playing Video-On-Demand (VOD) content.

Samsung Apps

• **Update notification**: Select a network connection (Wi-Fi or packet switched data network) to get application update notification from Samsung Apps.
• **Network profiles**: Select a network connection profile preset by your service provider to use Samsung Apps or download applications from Samsung Apps. If a connection profile is not preset, contact your service provider for detailed settings.

Photo upload settings

• **Blog lists**: Update the list of websites or blogs.
• **Upload details**: View details of your last upload.
• **Photo upload profiles**: Select a connection profile to use for uploading the photos.
• **Disclaimer**: View the general disclaimer.
Social network profiles
Select a connection profile to use for community websites.

ChatON
Select a connection profile to use for ChatON.

Installation settings
Select the default memory location to install new applications.

Security
Access and alter the following settings to secure your device and data:

- **Phone lock**: Activate or deactivate the device lock feature to require a device password before using the device.
- **Privacy lock**: Make various types of data private; To access private data, you must enter your device password.
- **Mobile tracker**: Activate or deactivate the mobile tracker feature which helps you locate your device when it is lost or stolen. ➤ p. 29
- **Change password**: Change the device password.
- **SIM lock**: Activate or deactivate the SIM lock feature to require the SIM password when you change the SIM card.
- **PIN lock**: Activate or deactivate the PIN lock feature to require the PIN before using the device.
- **Change PIN**: Change the PIN used to access SIM data.
- **Fixed dialling mode**: Activate or deactivate FDN mode to restrict calls to phone numbers in the FDN list.
- **Change PIN2**: Change the PIN2, which is used to protect the primary PIN.
Memory
Access and alter the following settings to control your device’s memory use:

- **Memory card details**: When a memory card is inserted, access details about your memory card. You can also format the memory card or change the memory card’s name.

⚠ Formatting a memory card will permanently erase all data from the card.

- **Default memory**: Select the default memory location to use for saving files.
- **Memory status**: View the used and available memory for various types of files.
- **Clear phone memory**: Erase the selected data from your device’s memory.

Reset
Reset various settings to the factory default values. Select which settings to reset. You must enter your device password to reset the settings.

About phone
- **System info**: Check the available amount of the CPU usage and storage memory. You can also check the model number of your phone, and MAC addresses of Bluetooth and Wi-Fi.
- **Open source licences**: Check the open source licences of downloaded programs.
Software update
Check for the firmware update and download the new firmware on your device. To use this menu, you must have a Samsung account.

⚠️ This feature may be unavailable depending on your region.

SIM applications
Use a variety of additional services offered by your service provider. Depending on your SIM card, this menu may be available but labelled differently.
When you turn on your device or while you are using the device, it prompts you to enter one of the following codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Try this to solve the problem:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Password</td>
<td>When the device lock feature is enabled, you must enter the password you set for the device.</td>
</tr>
<tr>
<td>PIN</td>
<td>When using the device for the first time or when the PIN requirement is enabled, you must enter the PIN supplied with the SIM card. You can disable this feature by using the PIN lock menu.</td>
</tr>
<tr>
<td>PUK</td>
<td>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.</td>
</tr>
<tr>
<td>PIN2</td>
<td>When you access a menu requiring the PIN2, you must enter the PIN2 supplied with the SIM card. For details, contact your service provider.</td>
</tr>
</tbody>
</table>

**Your device displays "Service unavailable" or "Network error"**

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.
- You cannot access some options without a subscription. Contact your service provider for more details.
The touch screen responds slowly or improperly
If your device has a touch screen and the touch screen is not responding properly, try the following:
• Remove any protective covers from the touch screen. Protective covers may prevent the device from recognising your inputs and are not recommended for touch screen devices.
• Ensure that your hands are clean and dry when tapping the touch screen.
• Restart your device to clear any temporary software bugs.
• Ensure that your device software is upgraded to the latest version.
• If the touch screen is scratched or damaged, take it to your local Samsung Service Centre.

Calls are being dropped
When you are in areas with weak signals or poor reception, you may lose your connection to the network. Move to another area and try again.

Outgoing calls are not connected
• Ensure that you have pressed the Dial key.
• Ensure that you have accessed the right cellular network.
• Ensure that you have not set call barring for the phone number you are dialling.

Incoming calls are not connected
• Ensure that your device is turned on.
• Ensure that you have accessed the right cellular network.
• Ensure that you have not set call barring for the incoming phone number.
Others cannot hear you speaking on a call
- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If using a headset, ensure that it is properly connected.

Audio quality is poor
- Ensure that you are not blocking the device's internal antenna.
- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.

When dialling from contacts, the call is not connected
- Ensure that the correct number is stored in the contact list.
- Re-enter and save the number, if necessary.

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

The device beeps and the battery icon flashes
Your battery is low. Recharge or replace the battery to continue using the device.

The battery does not charge properly or the device turns off
- 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 will no longer charge completely, dispose of the old battery properly and replace it with a new battery (refer to your local ordinances for proper disposal instructions).
Your device is hot to the touch

When you use applications that require more power or use applications on your device for an extended period of time, your device may feel hot to the touch. This is normal and should not affect your device's lifespan or performance.

Error messages appear when launching the camera

Your Samsung mobile device must have sufficient available memory and battery power to operate the camera application. If you receive error messages when launching the camera, try the following:

- Charge the battery or replace it with a battery that is fully charged.
- Free some memory by transferring files to a PC or deleting files from your device.
- Restart the device. If you are still having trouble with the camera application after trying these tips, contact a Samsung Service Centre.

Error messages appear when launching the FM radio

The FM radio application on your Samsung mobile device uses the headset cable as an antenna. Without a headset connected, the FM radio will be unable to receive radio stations. To use the FM radio, first ensure that the headset is properly connected. Next, scan for and save the available radio stations.

If you still cannot use the FM radio after performing these steps, try accessing your desired station with another radio receiver. If you can hear the station with another receiver, your device may require service. Contact a Samsung Service Centre.
Error messages appear when opening music files

Some music files may not play on your Samsung mobile device for a variety of reasons. If you receive error messages when opening music files on your device, try the following:

- Free some memory by transferring files to a PC or deleting files from your device.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM-protected, ensure that you have the appropriate licence or key to play the file.
- Ensure that your device supports the file type.

Another Bluetooth device is not located

- Ensure that the Bluetooth wireless feature is activated on your device.
- Ensure that the Bluetooth wireless feature is activated on the device you wish to connect to, if necessary.

A connection is not established when you connect the device to a PC

- Ensure that the PC data cable you are using is compatible with your device.
- Ensure that you have the proper drivers installed and updated on your PC.

Your device freezes or has fatal errors

If your device freezes or hangs, you may need to close programs or reset the device to regain functionality. If your device is still responsive but a program is frozen, close the program using the task manager. If your device is frozen and unresponsive, press and hold [○] until the device turns off and on automatically.

- Ensure that your device and the other Bluetooth device are within the maximum Bluetooth range (10 m).

If the tips above do not solve the problem, contact a Samsung Service Centre.
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 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:
• Use a hands-free device.

• 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.
• Let the person you are speaking with know you are driving. 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. If you need to make a call, dial only a few numbers, check the road and your mirrors, then continue.
• 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.
• When wet, remove the battery without turning on your device. Dry your 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 a flash close to the eyes of people or animals**
Using a flash close to the eyes may cause temporary loss of vision or damage to the eyes.

**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.

**When speaking on the device:**
• Hold the device upright, as you would with a traditional phone.
• Speak directly into the mouthpiece.
• Avoid contact with your device’s internal antenna. Touching the antenna may reduce the call quality or cause the device to transmit more radio frequency than necessary.
• 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.

Protect your hearing

• 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 headphones into an audio source and use only the minimum volume setting necessary to hear your conversation or music.

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 your device

Paint can clog moving parts and prevent proper operation. If you are allergic to the paint or metal parts of the device, stop using the device and consult your physician.

When cleaning your device:

• Wipe your device or charger with a towel or a rubber.
• 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 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 0.688 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 statement 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 website.

**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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To install Kies (PC Sync)

1. Download the latest version of Kies from the Samsung website (www.samsungmobile.com) and install it in your PC.
2. In Menu mode, select **Settings → Connectivity → USB → Samsung Kies → Set.**
3. Using a PC data cable, connect your device to your PC. Refer to the Kies help for more information.
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Declaratión de Conformidad (R&TTE)

We, Samsung Electronics

declare under our sole responsibility that the product

GSM Wi-Fi Mobile Phone : GT-S5250

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

SAFETY
EN 60950-1 : 2006 +A11:2009
EN 50332-1 : 2000
EN 50332-2 : 2003

SAR
EN 50360 : 2001
EN 62209-1 : 2006

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 301 489-19 V1.2.1 (11-2002)

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

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*

2010.09.01 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.