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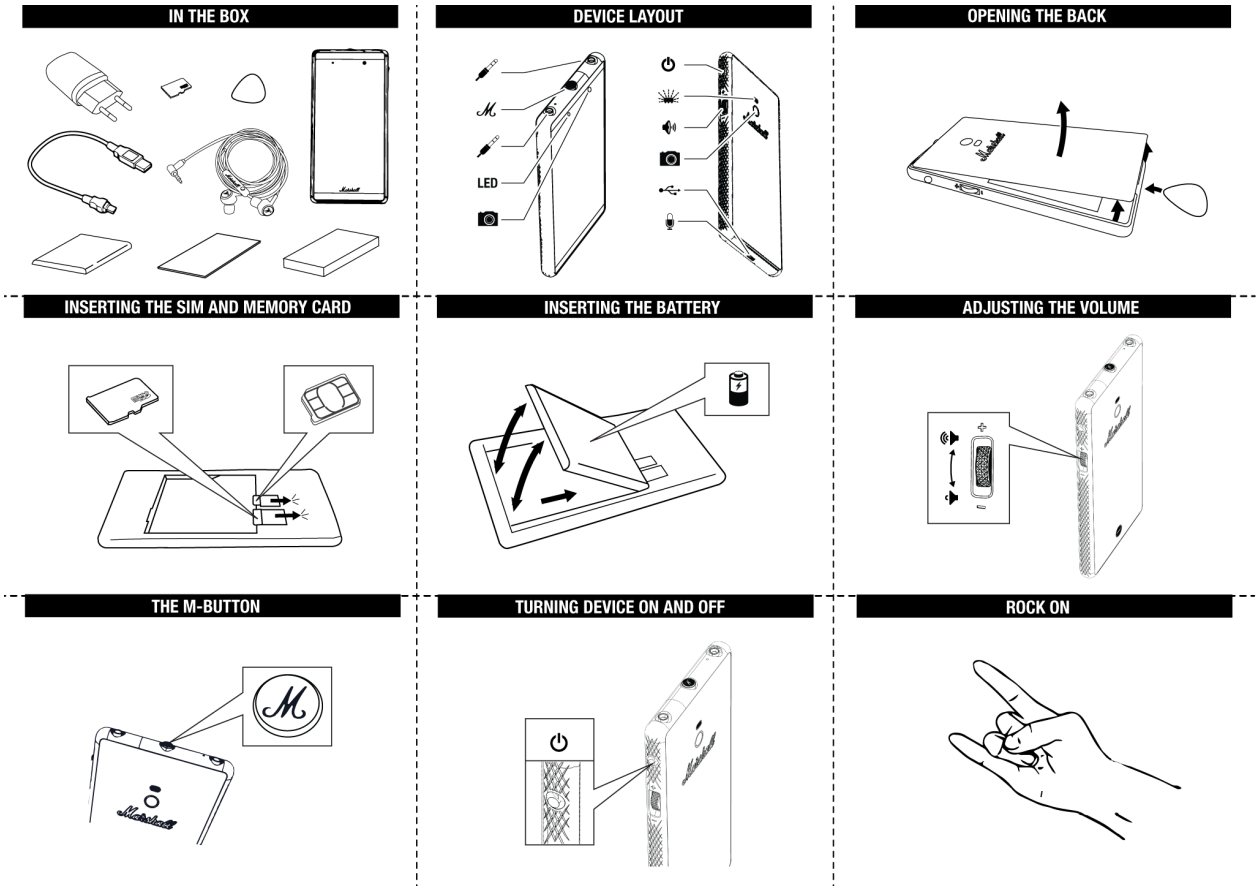
READ ME FIRST

PRODUCT SPECIFICATIONS

GETTING STARTED



Package contents

Check the product box for the following items:
• device
• battery
• quick start guide
• the items supplied with the device and any available accessories may vary depending on the region or service provider.
• the supplied items are designed only for this device and may not be compatible with other devices.
• appearances and specifications are subject to change without prior notice.

Device layout

Using the sim card and battery

Insert the sim or usim card provided by the mobile telephone service provider, and the
Included battery.
• only microsim cards work with the device.
• some lte services may not be available depending on the service provider. For more information about service availability, contact your service provider.
1 remove the back cover.
Be careful not to damage your fingernails when you remove the back cover.

Do not bend or twist the back cover excessively. Doing so may damage the cover.

Using a memory card

Installing a memory card

Your device accepts memory cards with maximum capacities of 128 gb. Depending on the
Memory card manufacturer and type, some memory cards may not be compatible with your
Device.

• some memory cards may not be fully compatible with the device. Using an incompatible card may damage the device or the memory card, or corrupt the data stored in it.

• use caution to insert the memory card right-side up.

The device supports the fat and the exfat file systems for memory cards. When inserting a card formatted in a different file system, the device asks to reformat the memory card.

1 remove the back cover.

2 insert a memory card with the gold-coloured contacts facing downwards.

3 replace the back cover.

• frequent writing and erasing of data shortens the lifespan of memory cards.

• when inserting a memory card into the device, the memory card's file directory appears in the my files → sd card folder.

Turning the device on and off

Press and hold the power key for a few seconds to turn on the device.

When you turn on your device for the first time or after performing a data reset, follow the onscreen Instructions to set up your device.

To turn off the device, press and hold the power key, and then tap power off.

Follow all posted warnings and directions from authorised personnel in areas where the use of wireless devices is restricted, such as aeroplanes and hospitals.

Locking and unlocking the screen

Using the volume wheel

Using the m-button

Locking and unlocking the screen

Pressing the power key turns off the screen and locks it. Also, the screen turns off and Automatically locks if the device is not used for a specified period.

To unlock the screen, press the power key or the home key and swipe in any direction.

You can change the screen lock method and utilise additional security features.

Refer to Changing the screen lock method for more information.

BASICS

Using the touch screen

• do not allow the touchscreen to come into contact with other electrical devices.
Electrostatic discharges can cause the touchscreen to malfunction.
• to avoid damaging the touchscreen, do not tap it with anything sharp or apply excessive pressure to it with your fingertips.
• the device may not recognise touch inputs close to the edges of the screen, whichare outside of the touch input area.
• leaving the touchscreen idle for extended periods may result in afterimages (screen burn-in) or ghosting. Turn off the touchscreen when you do not use the device.

Home screen layout

The home screen is the starting point for accessing all of the device's features. It displays
Widgets, shortcuts to apps, and more. Widgets are small apps that launch specific app
Functions to provide information and convenient access on your home screen.
To view other panels, swipe to the left or right, or tap one of the screen indicators at the
Bottom of the screen.
To customise the home screen, refer to managing the home screen.

Icon meaning
New text or multimedia message
Alarm activated
S pen detached
Vibration mode activated
Flight mode activated
Error occurred or caution required
Battery power level
The status bar may not appear at the top of the screen in some apps. To display the
Status bar, drag down from the top of the screen.

Notifications and quick setting panels

Using the notification panel

When you receive new notifications, such as messages or missed calls, indicator icons appear on the status bar.
To see more information about the icons, open the notification panel and view the details.
To open the notification panel, drag the status bar downwards. To close the notification panel, swipe upwards on the screen.

Opening apps

On the home screen or the all apps screen, select an app icon to open it.
To open the list of recently used apps, tap and select an app window to open it.
Closing an app
Tap → , and then tap end next to an app to close it. To close all running apps, tap end
All. Alternatively, tap → .
Browse apps by category or tap to search for a keyword.
Select an app to view information about it. To download free apps, tap install.
To purchase and download apps where charges apply, tap the price and follow the on-screen instructions.
To change the auto update settings, tap → settings → auto-update apps, and
Then select an option.

Installing or uninstalling apps

Uninstalling or disabling apps

To disable default apps, open the all apps screen and tap → uninstall/disable apps. The
Icon appears on the apps that you can disable. Select an app and tap disable.
To uninstall downloaded apps, open the all apps screen, tap → downloaded apps → →
Uninstall, select an app, and then tap uninstall. Alternatively, on the all apps screen, tap
Settings → application manager, select an app, and then tap uninstall.
Enabling apps on the all apps screen, tap → show disabled apps, select apps, and then tap done.
Alternatively, on the all apps screen, tap settings → application manager, scroll to
Disabled, select an app, and then tap enable.
Hiding apps
Hide apps that you do not want to see on the all apps screen.
On the all apps screen, tap → hide apps.
To display hidden apps, tap → show hidden apps.
• hiding apps: hide apps from the all apps screen only. You can continue to use
Hidden apps.
• disabling apps: disable selected default apps that cannot be uninstalled from the
Device. You cannot use disabled apps.
• uninstalling apps: uninstall downloaded apps.

Entering text

Keyboard layout

A keyboard appears automatically when you enter text to send messages, create memos, and more.
Text entry is not supported in some languages. To enter text, you must change the
Input language to one of the supported languages.
Break to the next line.
Delete a preceding character.
Enter punctuation marks.
Enter uppercase. For all caps, tap
It twice.
Switch to handwriting mode. Enter a space.
Changing the input language
Tap and hold , tap → select input languages, and then select the languages to use.
When you select two or more languages, you can switch between the input languages by
Swiping to the left or right on the space key.
Changing the keyboard layout
Tap and hold , tap , select a language under input languages, and then select a
Keyboard layout to use.
On 3x4 keyboard, a key has three or four characters. To enter a character, tap the
Corresponding key repeatedly until the desired character appears

Using additional keyboard functions

Tap and hold to use various functions. Other icons may appear instead of the icon
Depending on the last function that was used.
• : enter text by voice.
Change the language.
Open the keyboard.
Start or pause entering text by voice.
• : switch to handwriting mode.
Switch to the standard keyboard.
Switch between number mode and character mode.

This feature may not be available depending on the region or service provider.
• : add an item from the clipboard.
• : change the keyboard settings.
• : enter emoticons.
• : switch to the floating keyboard. You can move the keyboard to another location by
Dragging the tab.
Switch to the standard keyboard.

Copying and pasting

1 tap and hold over text.
2 drag or to select the desired text, or tap select all to select all text.
3 tap copy or cut.
The selected text is copied to the clipboard.
4 place the cursor where the text is to be inserted and tap → paste.
To paste text that you have previously copied, tap clipboard and select the text.
Screen capture
Capture a screenshot while using the device.
Press and hold the home key and the power key simultaneously. The image is saved in the
Screenshots folder. To open the folder, open the all apps screen and tap gallery → →
Album → screenshots. After capturing a screenshot, you can edit the image and share it
With others.
You can also capture screenshots using other methods. Refer to palm swipe to capture for more information.
It is not possible to capture a screenshot while using some apps.

My files

Access and manage various files stored in the device or in other locations, such as cloud
Storage services.

Using my files

Tap my files on the all apps screen.
Access additional options.
View the download history.
Search for files or folders.
View files stored in the device.
View files by category

Power saving feature

Power saving mode

Save the battery power by limiting the device's functions.
On the all apps screen, tap settings → power saving → power saving mode, and then tap
The power saving mode switch to activate it. Alternatively, open the quick settings panel and
Tap power saving to activate it.
Select from the following options:
• restrict background data: prevent apps that are running in the background from using a mobile data connection.
• restrict performance: limit various options, such as turning off the backlight for the
Recents key and the back key.
• greyscale mode: display colours on the screen as grey tones.

Ultra power saving mode

Use this mode to extend the device's battery power. In ultra power saving mode, the device
Performs the following:
• displays colours on the screen as grey tones.
• restricts the available apps to essential and selected apps only.

• deactivates the mobile data connection when the screen turns off.
• deactivates the wi-fi and bluetooth features.
1 on the all apps screen, tap settings → power saving → ultra power saving mode, and
Then tap the ultra power saving mode switch to activate it.
Alternatively, open the quick settings panel and tap u. Power saving to activate it.
2 read and agree to the terms and conditions, and then tap ok.
Read the on-screen information about the mode and tap enable.
To deactivate ultra power saving mode, tap → disable ultra power saving mode →
Disable.
The estimated maximum standby time shows the time remaining before the battery
Power runs out if the device is not used. Standby time may vary depending on your
Device settings and operating conditions.

Viewing help information

To view help information to learn how to use the device and apps, open the all apps screen
And tap settings → help.
To view help information for an app while you are using the app, tap → help.
Some apps may not include help information.

NETWORK CONNECTIVITY

Mobile data

Wi-fi

Activate the wi-fi feature to connect to a wi-fi network and access the internet or other Network devices.
Your device uses a 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.
1 on the settings screen, tap wi-fi, and then tap the wi-fi switch to activate it.
2 select a network from the wi-fi networks list.
Networks that require a password appear with a lock icon.
3 tap connect.

Adding wi-fi networks
If the desired network does not appear in the wi-fi networks list, you can add it manually.
1 tap add wi-fi network at the bottom of the list.
2 enter the network name in network ssid.
3 select the security type.
4 enter the password if it is not an open network, and then tap connect.
Using smart network switch
Use this feature to maintain a stable network connection when you browse webpages, Download content, and more.
On the settings screen, tap wi-fi, and then tick smart network switch.
The device automatically switches from a wi-fi network to a mobile network when the Current wi-fi network is weak or unstable. When the wi-fi network signal becomes strong, the Device switches from the mobile network back to the wi-fi network.
• turn off wi-fi to save the battery when not in use.
• once the device connects to a wi-fi network, the device will reconnect to that Network each time it is available without requiring a password. To prevent the Device connecting to the network automatically, select it from the list of networks And tap forget.

Tethering and mobile hotspot

Use the device as a mobile hotspot to share the device's mobile data connection with other Devices if an internet connection is unavailable. Connections can be made via wi-fi, usb, or Bluetooth.

On the settings screen, tap tethering and mobile hotspot.
You may incur additional charges when using this feature.
• mobile hotspot: use the mobile hotspot to share the device's mobile data connection With computers or other devices.
Usb tethering: use usb tethering to share the device's mobile data connection with A computer via usb. When connected to a computer, the device is used as a wireless Modem for the computer.
• bluetooth tethering: use bluetooth tethering to share the device's mobile data Connection with computers or other devices via bluetooth.

Using the mobile hotspot
Use your device as a mobile hotspot to share your device's mobile data connection with other Devices.
1 on the settings screen, tap tethering and mobile hotspot → mobile hotspot.
2 tap the mobile hotspot switch to activate it.
The icon appears on the status bar. Other devices can find your device in the wi-fi

Networks list.
To set a password for the mobile hotspot, tap → configure hotspot and select the level Of security. Then, enter a password and tap save.
3 on the other device's screen, search for and select your device from the wi-fi networks List.
4 on the connected device, use the device's mobile data connection to access the internet.

Internet

Browse the internet to search for information and bookmark your favourite webpages to Access them conveniently.

Browsing webpages

1 tap internet on the all apps screen.
2 tap the address field. To change the search engine, tap the search engine icon next to the Web address field.
3 enter the web address or a keyword, and then tap go. To search the web by voice, tap .
To view the toolbars, drag your finger downwards slightly on the screen.
Read an article in reading mode.
Bookmark the current webpage.
Open the homepage.
Move to the previously visited page.
View bookmarked webpages.

MARSHALL APPS

DJ

Equalizer

Hardware selection

Loopstack

M-button app

Music player

Simple recorder

Torch

USEFUL APPS AND FEATURES

Clock & alarm

Set alarms, check the current time in many cities around the world, time an event, or set a specific duration.

Alarm

On the all apps screen, tap clock → alarm.
Setting alarms
1 tap .
2 set an alarm time, select the days on which the alarm will repeat, and then set other
Various alarm options.
3 tap done.
The saved alarm is added to the alarms list.
4 to activate or deactivate alarms, tap next to the alarm in the alarms list.
Stopping alarms
Drag outside the large circle to stop an alarm. If you have previously enabled the snooze
Option, drag outside the large circle to repeat the alarm after a specified length of time.
Deleting alarms
Tap → select, select alarms, and then tap .

Calculator

Perform simple or complex calculations.

Using the calculator

Tap calculator on the all apps screen.
Rotate the device to landscape orientation to display the scientific calculator. If screen
Rotation is disabled, tap → scientific calculator.
To see the calculation history, tap to hide the keypad.
To clear the history, tap → clear history.

Memo

Google apps

Google provides entertainment, social network, and business apps. You may require a Google
Account to access some apps. Refer to setting up accounts for more information.
To view more app information, open the each app's main screen and tap → help.
Some apps may not be available or may be labelled differently depending on the
Region or service provider.

Chrome

Search for information and browse webpages.

Gmail

Send or receive emails via the Google mail service.

Google+

Share your news and follow updates that your family, friends, and others share. You can also back up your photos and videos, and more.

Maps

Find your location on the map, search for locations, and view location information for various
Places.

Play music
Discover, listen to, and share music on your device.

Play movies & tv
Watch videos stored on your device and download various content to watch from the play Store.

Play books
Download various books from play store and read them.

Play newsstand
Read news and magazines that interest you in one convenient location.

Play games
Download games from play store and play them with others.

Drive
Store your content on the cloud, access it from anywhere, and share it with others.

Youtube
Watch or create videos and share them with others.

Photos
Manage photos, albums, and videos that you have saved on the device and uploaded to Google+.

Hangouts
Chat with your friends individually or in groups and use images, emoticons, and video calls while you are chatting.

Google
Search quickly for items on the internet or your device.

Voice search
Search quickly for items by saying a keyword or phrase.

Google settings
Configure settings for some features provided by Google.

PERSONALISING

Managing the home and apps screens

Managing the home screen

Adding items

Tap and hold an app or a folder from the all apps screen, and then drag it to the home screen.

To add widgets, tap and hold an empty area on the home screen, tap widgets, tap and hold a widget, and then drag it to the home screen.

Moving and removing an item

Tap and hold an item on the home screen, and then drag it to a new location.

To move the item to another panel, drag it to the side of the screen.

You can also move frequently used apps to the shortcuts area at the bottom of the home Screen.

To remove an item, tap and hold the item. Then, drag it to remove at the top of the screen.

Creating a folder

1 on the home screen, tap and hold an app, and then drag it to create folder at the top of The screen.

2 enter a folder name.

3 tap , select the apps to move to the folder, and then tap done.

Managing panels

On the home screen, tap and hold an empty area to add, move, or remove a panel.

To add a panel, swipe to the left, and then tap .

To move a panel, tap and hold a panel preview, and then drag it to a new location.

To remove a panel, tap and hold a panel preview, and then drag it to remove at the top of The screen.

To set a panel as the main home screen, tap .

Managing the all apps screen

Changing the sorting method

On the all apps screen, tap → sort by and select a sorting method.

Moving items

On the all apps screen, tap → edit. Tap and hold an item and drag it to a new location.

To move the item to another panel, drag it to the side of the screen.

To move an item to a new panel, drag it to create page at the top of the screen.

Creating folders

1 on the all apps screen, tap → create folder.

Alternatively, tap → edit, tap and hold an app, and then drag it to create folder at the Top of the screen.

2 enter a folder name.

3 tap , tick the apps to move to the folder, and then tap done.

Setting wallpaper and ringtones

Setting wallpaper

Set an image or photo stored in the device as wallpaper for the home screen or the locked Screen.

1 on the home screen, tap and hold an empty area, and then tap wallpapers.

Alternatively, on the all apps screen, tap settings → display and wallpaper → Wallpaper.

2 select a screen to change or apply wallpaper to.

3 swipe to the left or right and select from images displayed at the bottom of the screen.

To select photos taken by the device's camera or other images, tap from gallery.

If you are setting the locked screen's wallpaper, you can select images from various

Wallpaper categories.
4 tap set as wallpaper or save.
The selected image will be set as the wallpaper for the home screen or the locked screen.

Setting a dynamic lock screen

Use this feature to set the locked screen's wallpaper to change automatically based on your Settings, your location and weather, and your interests.
1 on the home screen, tap and hold an empty area, and then tap wallpapers.
Alternatively, on the all apps screen, tap settings → display and wallpaper → Wallpaper.
2 tap lock screen.
3 select a wallpaper option.
• from gallery: select images from gallery. The device will display the images on the Locked screen at the interval you set.
• live weather: the device will display high quality images on the locked screen based On the time, weather, and your location information.
• my interests: select categories that interest you. The device will display high quality Images on the locked screen based on your interests.
• you may incur additional charges when using this feature.
• this feature may not work properly depending on your region.

Changing ringtones

Change ringtones for incoming calls and notifications.
On the all apps screen, tap settings → sounds and notifications.
To set a ringtone for incoming calls, tap ringtones, select a ringtone, and then tap ok. To use A song stored in the device or in your account as a ringtone, tap add.
To set a yyy

Changing the screen lock method

You can change the way that you lock the screen to prevent others from accessing your Personal information.
On the all apps screen, tap settings → lock screen → screen lock, and then select a screen Lock method. The device requires an unlock code whenever unlocking it.
If the unlock code is forgotten, take the device to a Marshall service centre to reset it.

Pattern
Draw a pattern by connecting four dots or more, and then draw the pattern again to verify it.
Set a backup pin to unlock the screen when you forget the pattern.

Pin
A pin consists of numbers only. Enter at least four numbers, and then enter the password again to verify it.

Password
A password consists of characters and numbers. Enter at least four characters including Numbers and symbols, and then enter the password again to verify it.

Fingerprint
Register your fingerprints to unlock the screen. Refer to finger scanner for more information.

Setting up accounts

Adding accounts

Some apps used on your device require a registered account. Create accounts to have the Best experience with your device.

1 on the all apps screen, tap settings → accounts → add account.
2 select an account service.
3 follow the on-screen instructions to complete the account setup.
To sync content with your accounts, select an account and tick items to sync.
Removing accounts
On the all apps screen, tap settings → accounts, select an account, and then tap → Remove account.

PHONE

Making calls

1 tap phone on the all apps screen.
2 tap keypad and enter a phone number.
3 tap to make a voice call, or tap to make a video call.
Access additional options.
Add the number to the contacts list.
Preview the phone number.
View favourite contacts.
Delete a preceding character.
Making calls from call logs or contacts list
Tap logs or contacts, and then swipe to the right on a contact or a phone number to make a Call.
Making calls from the favourites list
Select a contact and tap to add the contact to the favourite contacts list.
Open the favourites screen and select a contact to call.
Making an international call
1 tap keypad.
2 tap and hold 0 until the + sign appears. Enter the country code, area code, and phone Number, and then tap .

Receiving calls

Answering a call

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

Rejecting a call

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

Missed calls

If a call is missed, the icon appears on the status bar. Open the notification panel to view The list of missed calls. Alternatively, on the all apps screen, tap phone → logs to view Missed calls.
• to send a message when rejecting an incoming call, drag the reject message bar Upwards.
• to create various rejection messages, open the all apps screen and tap phone → → settings → call → call rejection → rejection messages → .

Options during calls

The following actions are available:
• : increase the volume.
• add call: dial a second call.
• keypad: open the keypad.
• end call: end the current call.
• speaker: activate or deactivate the speakerphone. When using the speakerphone, speak Into the microphone at the top of the device and keep the device away from your ears.
• mute: turn off the microphone so that the other party cannot hear you.
• bluetooth: switch to a bluetooth headset if it is connected to the device.

CONTACTS

Adding contacts

Moving contacts from other devices

You can move contacts from other devices to your device. Refer to transferring data from Your previous device for more information.

Creating contacts manually

1 on the all apps screen, tap contacts → contacts.

2 tap and select a storage location.

3 enter contact information.

4 tap save.

To add a phone number to the contacts list from the keypad, tap keypad, enter the number, And then tap add to contacts.

To add a phone number to the contacts list from received calls or messages, tap logs, and Then tap a contact's image.

Searching for contacts

On the all apps screen, tap contacts → contacts.

Use one of the following search methods:

• scroll up or down the contacts list.

• drag a finger along the index at the right side of the contacts list to scroll through it Quickly.

• tap the search field at the top of the contacts list and enter search criteria.

Once a contact is selected, take one of the following actions:

• : add to favourite contacts.

• / : make a voice or video call.

• : compose a message.

• : compose an email.

Managing contacts

Messages & email

Messages

An introduction

Send text messages (sms) or multimedia messages (mms) and view messages by Conversation.

Sending messages

You may incur additional charges for sending messages when you are roaming.

1 tap messages on the all apps screen.

2 tap .

3 add recipients and enter a message.

Access additional options.

Enter a message.

Select contacts from the Contacts list.

Enter emoticons.

Enter recipients.

Attach files.

Send the message.

4 tap to send the message.

Viewing messages

Messages are grouped into message threads by contact.
You may incur additional charges for receiving messages when you are roaming.
1 tap messages on the all apps screen.
2 on the messages list, select a contact.
3 view your conversation.
In the message detail view, tap to view more options.

Email

Setting up email accounts

1 tap email on the all apps screen.
Set up an email account when opening email for the first time.
2 enter the email address and password, and then tap next.
To manually register a company email account, tap manual setup.
3 follow the on-screen instructions to complete the setup.
To set up another email account, tap → manage accounts → .
If you have more than one email accounts, you can set one as the default account. Tap → Manage accounts → → set default account.

Sending emails

1 tap email on the all apps screen.
2 tap at the bottom of the screen to compose a message.
3 add recipients and enter a message.
4 tap to send the message.

Reading emails

1 tap email on the all apps screen.
2 on the messages list, tap a message to read.

CAMERA

Basic shooting

You can take photos or record videos. View your photos and videos in gallery.
Tap camera on the all apps screen.
Camera etiquette
• do not take photos or record videos of other people without their permission.
• do not take photos or record videos where legally prohibited.
• do not take photos or record videos in places where you may violate other people's
Privacy.
Taking photos or recording videos
1 tap the image on the preview screen where the camera should focus.
2 tap to take a photo or tap to record a video.
Change camera
Settings.
Switch between the
Front and rear
Cameras.
Hdr (rich tone)
Start recording a
Video.
Take a photo.
Change the
Shooting mode.
View photos and
Videos you have
Captured.
Launching camera on the locked screen
To quickly take photos of special moments, launch camera on the locked screen.
1 on the locked screen, drag outside the large circle.
2 tap the image on the preview screen where the camera should focus.
3 tap to take a photo or tap to record a video.
This feature may not be available depending on the region or service provider.
• spread two fingers apart on the screen to zoom in, and pinch to zoom out.
• to capture an image from the video while recording, tap .
• to change the focus while recording a video, tap where you want to focus. To focus
On the centre of the screen, tap .

Selfie

Automatically taking self-portraits
When you are taking photos with the front camera, place your finger on the sensor or use
Voice commands to automatically take a photo without tapping the shutter button.

1 tap camera on the all apps screen.
2 tap to switch to the front camera for self-portraits.
3 face the front camera lens.
4 place your finger on the sensor at the back of the device, and then lift it to take a photo of
Yourself. You can also say "smile", "cheese", "capture", or "shoot" to take a photo. To record
A video, say "record video."

Wide selfie
Take a wide self-portrait to include more people in the photo and avoid leaving people out.
1 tap camera on the all apps screen.
2 tap to switch to the front camera for self-portraits.
3 tap mode → wide selfie.
4 face the front camera lens.

5 place your finger on the sensor at the back of the device, and then lift it to take a photo of Yourself. You can also say “smile”, “cheese”, “capture”, or “shoot” to take a photo. To record A video, say “record video.”
6 slowly swivel the device left and then right to take a wide self-portrait.
The device will take additional photos when the blue frame moves to each end of the White frame.
• make sure to keep the blue frame inside the viewfinder window.
• the subjects should remain still while taking wide self-portraits.
• the resolution of a photo may be affected by lighting conditions.
• the top and bottom parts of the image displayed on the preview screen may be Cut out of the photo depending on the shooting conditions.

Hdr (rich tone)

Take photos with rich colours and reproduce details even in bright and dark areas.
1 tap camera on the all apps screen.
2 tap to switch to the rear camera.
3 tap on the preview screen.
The icon will change to .
4 tap to take a photo.
Without effect

Shooting modes

Take photos using various shooting modes.
Tap camera on the all apps screen.
Auto
Use this mode to allow the camera to evaluate the surroundings and determine the ideal Mode for the photo.
On the preview screen, tap mode → auto.
Rear-cam selfie
Use this mode to take self-portraits using the rear camera.
1 on the preview screen, tap mode → rear-cam selfie.
2 drag or adjust the frame to set the face detection area.
3 compose your shot with the rear camera lens facing you.
4 listen to the beeps to guide you as you adjust the composition.
When your face is positioned inside the face detection area, the camera emits a warning Tone, beeps for a few seconds, and then automatically takes a photo.
Selective focus
Use the out-of-focus effect to make specific objects stand out in a photo.
1 on the preview screen, tap mode → selective focus.
2 tap the image on the preview screen where the camera should focus.
3 tap to take a photo.
4 tap the preview thumbnail at the bottom right of the preview screen.
5 tap and select one of the following:
• near focus: make the subject stand out and blur the background around the subject.
• far focus: blur the subject and make the background stand out around the subject.
• pan focus: make the subject and its background stand out.
Tap .
• it is recommended that you position subjects within 50 cm of the device. Position The subject that you want to focus on close to the device.
• when taking photos, ensure there is sufficient distance between the subject And the background. The distance should be more than three times the distance Between the device and the subject.
• the quality of photos taken by the device can be affected in the following Conditions:
– –the device or the subject is moving.
– –there is strong background light, low levels of light, or you are taking photos

Indoors.
– –the subject or background has no pattern, or consists of a plain colour.
Panorama
Take a series of photos horizontally or vertically and then stitch them together to create a Wide scene.
On the preview screen, tap mode → panorama.
Manage modes
Select the shooting modes to appear on the mode selection screen or change the order of Them.
1 on the preview screen, tap mode → manage modes.
2 tick the modes to add to the modes list.
• beauty face: take a photo with lightened faces for gentler images.
• shot & more: take a series of photos and modify them by applying various effects Using the shooting modes.
• virtual tour: take photos in a space by moving forward or rotating left or right to Capture different angles of the space.
• dual camera: use the front and rear camera at the same time to capture a photo or Record a video from both cameras simultaneously.
Downloading modes
Download more shooting modes from galaxy apps.
On the preview screen, tap mode → download.
• to get the best shots using panorama mode, follow these tips:
– –move the camera slowly in one direction.
– –keep the image within the frame on the camera's viewfinder.
– –avoid taking photos of indistinct backgrounds, such as an empty sky or a plain Wall.
• you can record videos in dual camera mode for up to 5 minutes in full hd and up To 10 minutes in hd or vga.
• while recording videos in dual camera mode, sound is recorded by the internal Microphone.

Camera settings

On the preview screen, tap .
The available options may vary depending on the mode and which camera is being Used.
• : activate or deactivate the flash.
• : select the length of the delay before the camera automatically takes a photo.
• : select a filter effect to use when taking photos or recording videos. To download More effects, tap download. To change the order of effects or hide effects from the list, Tap manage effects.
• : select a resolution for photos. Using a higher resolution will result in higher quality Photos, but they will take up more memory.
To access additional camera settings, open the preview screen and tap → .
• beauty face: set the device to take a photo with lightened faces for gentler images.
• exposure value: change the exposure value. This determines how much light the Camera's sensor receives. For low-light situations, use a higher exposure.
• iso: select an iso value. This controls camera light sensitivity. Low values are for Stationary or brightly lit objects. Higher values are for fast-moving or poorly lit objects. However, higher iso settings can result in noise in photos.
• white balance: select an appropriate white balance, so images have a true-to-life colour Range.
• metering modes: select a metering method. This determines how light values are Calculated. Centre-weighted measures background light in the centre of the scene. Spot Measures the light value at a specific location. Matrix averages the entire scene.
• hdr (rich tone): use this to take photos with rich colours and reproduce details even in Bright and dark areas.
• tap to take pics: tap the image on the preview screen to take photos.

• video size: select a resolution for videos. Using a higher resolution will result in higher Quality photos, but they will take up more memory.
• video stabilisation: activate anti-shake to reduce or eliminate blurriness resulting from Camera shake while recording a video.
• location tags: attach a gps location tag to the photo.
• 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.
• your location may appear on your photos when you upload them to the internet. To avoid this, deactivate the location tag setting.
• storage location: select the memory location for storage.
• save as flipped: invert the image to create a mirror-image of the original scene, when Taking photos with the front camera.
• grid lines: display viewfinder guides to help composition when selecting subjects.
• voice control: set the device to take photos or record videos with voice commands.
The volume key: set the device to use the volume key to control the shutter or zoom Function.
• review pictures: set the device to show photos after capturing them.
• reset settings: reset the camera settings.
• : view help information for using the camera.

GALLERY

Viewing photos or videos

Tap gallery on the all apps screen.
2 select an image or a video.
Video files show the icon on the preview thumbnail. To play a video, tap .
More options
Delete
Edit
Move to the previous screen.
Share via
Change player
Image and video preview
Thumbnails
To hide or show the menu bar and the preview thumbnails, tap the screen.

Viewing content stored in other devices

Search for content stored in other devices and view it on your device.
On the gallery main screen, tap and select a device in registered devices to access
Content.
• ensure that the registered devices are turned on and connected to a wi-fi or
Mobile network.
• you may incur additional charges when you access content stored in other devices
Via the mobile network.
Accessing content stored in nearby devices
Search for nearby devices via wi-fi, wi-fi direct, or a mobile hotspot to view content stored in
Them on your device.
1 on the all apps screen, tap settings → nfc and sharing → nearby devices, and then
Tap the nearby devices switch to activate it.
2 on the gallery main screen, tap .
3 select a device in nearby devices.
You can view images and videos from other devices that have the content sharing feature
Activated.

Deleting images or videos

Deleting an image or a video
Select an image or a video and tap at the top of the screen.
Deleting multiple images and videos
1 on the gallery main screen, tap and hold an image or a video to delete.
Alternatively, tap → select.
2 tick the images or videos to delete.
3 tap at the top of the screen.
You can also tap → delete, tick the images or videos to delete, and then tap done to delete
Multiple items.

Editing photos or videos

Gallery settings

MULTIMEDIA

Music

Tap music on the all apps screen.
Select a song to play.
Add the song to a playlist.
Skip to the next song. Tap and
Hold to fast-forward.
Pause and resume playback

Playing music stored in other devices

Search for music stored in other devices and play it on your device.
Tap music on the all apps screen.
• ensure that the registered devices are turned on and connected to a wi-fi or
Mobile network.
• you may incur additional charges when you access content stored in other devices
Via the mobile network.
Accessing music stored in nearby devices
Search for nearby devices via wi-fi, wi-fi direct, or a mobile hotspot to play music stored in
Them on your device.
1 on the all apps screen, tap settings → nfc and sharing → nearby devices, and then
Tap the nearby devices switch to activate it.
2 on the music main screen, tap devices.
3 select a device in nearby devices to access and play music.
You can play songs from other devices that have the content sharing feature activated.

Video

Playing videos

Tap video on the all apps screen.
Select a video to play.
Change screen ratio.
Rewind or fast-forward by dragging the bar.
Search for other devices to play the file on.
Skip to the previous video. Tap and hold to move backwards quickly.
Skip to the next video. Tap and hold to move forwards quickly.
Access additional options.
Switch to the pop-up video player.
Pause and resume playback.
Adjust the volume.
Drag your finger up or down on the left side of the playback screen to adjust the brightness,
Or drag your finger up or down on the right side of the playback screen to adjust the volume.
To rewind or fast-forward, drag your finger left or right on the playback screen.

Playing videos stored in other devices

Search for videos stored in other devices and play them on your device.
Tap video on the all apps screen.
• ensure that the registered devices are turned on and connected to a wi-fi or
Mobile network.
• you may incur additional charges when you access content stored in other devices
Via the mobile network.
Accessing videos stored in nearby devices
Search for nearby devices via wi-fi, wi-fi direct, or a mobile hotspot to play videos stored in
Them on your device.

1 on the all apps screen, tap settings → nfc and sharing → nearby devices, and then
Tap the nearby devices switch to activate it.
2 on the video main screen, tap devices.
3 select a device in nearby devices to access and play the video.
You can play videos from other devices that have the content sharing feature activated.

SECURITY FEATURES

Emergency mode

Emergency mode changes the screen to grey tones to reduce battery consumption. Some Apps and functions will be restricted.
Activating emergency mode
1 on the all apps screen, tap settings → safety assistance → emergency mode and tap
The emergency mode switch to activate it.
Alternatively, press and hold the power key, and then tap emergency mode.
2 read and agree to the terms and conditions and tap ok.
3 read the on-screen information and tap enable.
Sound alarms.
Add more apps to use.
Make an emergency call.
Remaining battery power and
Estimated battery standby time
Turn on the flash.
Send your current location make a call.
Information in a message.
Browse the internet.
Access additional options.
The estimated maximum standby time shows the time remaining before the battery
Power runs out if the device is not used. Standby time may vary depending on your
Device settings and operating conditions.
Deactivating emergency mode
To deactivate emergency mode, tap → disable emergency mode → disable.
Alternatively, press and hold the power key, and then tap emergency mode → disable.

Help message

In an emergency situation, quickly press the power key three times. The device sends Messages to your primary contacts. The messages include your location information. To use This feature, register your primary contacts first.
Adding primary contacts
1 on the all apps screen, tap settings → safety assistance.
2 tap manage primary contacts → create primary contact.
3 tap create contact and enter contact information or tap select from contacts to add an Existing contact as a primary contact.
Setting help messages
1 on the all apps screen, tap settings → safety assistance.
2 tap send help messages, and then tap the send help messages switch to activate it.
3 read and agree to the terms and conditions, and then tap ok.
To send help messages with audio recordings or photos, tick send sound recording or Send pictures.
The send pictures option may not be available depending on the region or service Provider.

CONNECTING WITH OTHER DEVICES

Bluetooth

An introduction

Use bluetooth to exchange data or media files with other bluetooth-enabled devices.
• Marshall is not responsible for the loss, interception, or misuse of data sent or Received via bluetooth.
• 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 the bluetooth Sig, may be incompatible with your device.
• do not use the bluetooth feature for illegal purposes (for example, pirating copies Of files or illegally tapping communications for commercial purposes).
Marshall is not responsible for the repercussion of illegal use of the bluetooth Feature.

Pairing with other bluetooth devices

1 on the all apps screen, tap settings → bluetooth, tap the bluetooth switch to activate It, and then tap scan.
The detected devices are listed.
2 select a device to pair with.
If your device has paired with the device before, tap the device name without confirming The auto-generated passkey.
If the device you want to pair with is not in the list, request that the device turns on its Visibility option. Refer to the other device's user manuals.
3 accept the bluetooth connection request on both devices to confirm.

Sending and receiving data

Many apps support data transfer via bluetooth. You can share data, such as contacts or media files, with other bluetooth devices. The following actions are an example of sending an image to another device.
Sending an image
1 tap gallery on the all apps screen.
2 select an image.
3 tap → bluetooth, and then select a device to transfer the image to.
If the device you want to pair with is not in the list, request that the device turns on its Visibility option.
4 accept the bluetooth connection request on the other device.
Receiving an image
When another device sends you an image, accept the bluetooth connection request. The Received image is saved in the download folder. To open the folder, open the all apps screen And tap gallery → → album → download.

Unpairing bluetooth devices

1 on the all apps screen, tap settings → bluetooth.
The device displays the paired devices in the list.
2 tap next to the device name to unpair.
3 tap unpair.

Wi-fi direct

An introduction

Wi-fi direct connects devices directly via a wi-fi network without requiring an access

Point.

Connecting to other devices

1 on the all apps screen, tap settings → wi-fi, and then tap the wi-fi switch to activate it.
2 tap → wi-fi direct.
The detected devices are listed.
If the device you want to connect to is not in the list, request that the device turns on its Wi-fi direct feature.
3 select a device to connect to.
4 accept the wi-fi direct connection request on the other device to confirm.

Sending and receiving data

You can share data, such as contacts or media files, with other devices. The following actions Are an example of sending an image to another device.
Sending an image
1 tap gallery on the all apps screen.
2 select an image.
3 tap → wi-fi direct, and then select a device to transfer the image to.
4 accept the wi-fi direct connection request on the other device.
If the devices are already connected, the image will be sent to the other device without The connection request procedure.
Receiving an image
When another device sends you an image, accept the wi-fi direct connection request. If The devices are already connected, the image will be received on your device without the Connection request procedure. The received image is saved in the download folder. To open The folder, open the all apps screen and tap gallery → → album → download.

Ending the device connection

1 on the all apps screen, tap settings → wi-fi.
2 tap → wi-fi direct.
The device displays the connected devices in the list.
3 tap end connection → ok to disconnect the devices

Quick connect

An introduction

Automatically search for nearby devices and quickly connect to them.
• when connecting to a device that does not support the quick connect feature, Ensure that wi-fi direct or the bluetooth feature is activated.
• connection methods may vary depending on the type of connected devices or the Shared content.
• device name may vary depending on the bluetooth devices to pair with. For Example, the device name can be shown as bt mac.

Connecting to other devices

When you launch this app for the first time or restart it after performing a data reset, follow The on-screen instructions to finish the setup.
1 open the notification panel and tap quick connect.
When the panel opens, the wi-fi and the bluetooth features are activated automatically And the device searches for nearby devices.
2 select a device from the list and connect to it by following the on-screen instructions.
The next steps may vary depending on the connected device.
To allow nearby devices to search for your device and connect to it, tap → set device Visibility → make your device visible, and then select an option.

Re-searching for devices
If the desired device does not appear in the list, search for the device.
Tap and select the device from the list of detected devices.
Deactivating the quick connect feature
To deactivate the quick connect feature, drag downwards from the top of the screen.
Alternatively, tap .

Sharing content
Share content with the connected devices.
1 open the notification panel and tap quick connect.
2 select a device from the list of detected devices.
3 select a media category.
4 select the content to share and tap done.
Your device sends the content to the connected device.

Mobile printing

An introduction
Connect the device to a printer via wi-fi or wi-fi direct, and print images or documents.
Some printers may not be compatible with the device.
Adding printer plug-ins
Add printer plug-ins for printers you want to connect the device to.
1 on the all apps screen, tap settings → nfc and sharing → printing → download plugin.
2 search for a printer plug-in in play store.
3 select a printer plug-in and install it.
4 select the printer plug-in and tap the switch at the top right of the screen to activate it.
The device searches for printers that are connected to the same wi-fi network as your Device.
To add printers manually, tap → add printer → .
To change print settings, tap → settings.

Printing content
While viewing content, such as images or documents, tap → print, and then select a printer.

DEVICE & DATA MANAGER

Upgrading the device

Updating over the air

The device can be directly updated to the latest software by the firmware over-the-air (fota) Service.
On the all apps screen, tap settings → about device → software updates → update now.
Tick auto update to automatically check for available updates. To download updates
Only when a wi-fi connection is activated, tick wi-fi only.

Transferring files between the device and a computer

Move audio, video, image, or other types of files from the device to the computer, or vice Versa.
Do not disconnect the usb cable from the device when you are transferring files.
Doing so may cause data loss or device damage.
The devices may not connect properly if they are connected via a usb hub. Directly Connect the device to the computer's usb port.
Connecting as a media device
1 connect the device to the computer using the usb cable.
2 open the notification panel, and then tap connected as a media device → media Device (mtp).
Tap camera (ptp) if your computer does not support media transfer protocol (mtp) or Not have any appropriate driver installed.
3 transfer files between your device and the computer.

Transferring data from your previous device

Backing up and restoring data

Keep your personal information, app data, and settings safe on your device. You can back up Your sensitive information to a backup account and access it later. You must sign in to your Google account to back up or restore data.
Using a Google account
1 tap settings on the all apps screen.
2 tap backup and reset and tick back up my data.
3 tap backup account and select an account as the backup account.
• to restore data using a Google account, open the all apps screen, tap settings → backup and reset, and then tick automatic restore. When you reinstall apps, Backed up settings and data will be restored.

Performing a data reset

Delete all settings and data on the device. Before performing a factory data reset, ensure you Back up all important data stored on the device. Refer to backing up and restoring data for More information.
On the all apps screen, tap settings → backup and reset → factory data reset → reset Device → erase everything. The device automatically restarts.

SETTINGS

About settings

Customise settings for a wide range of functions and apps. You can make your device more Personalised by configuring various setting options.

Configuring settings

Tap settings on the all apps screen to access the settings screen.

To search for settings by entering keywords, tap .

You can change the view mode from list view to separate tabs. Tap → view as → Tab view.

Quick settings

Create a list of frequently used settings.

Tap → edit quick settings. Tick items to add or deselect items to remove, and then tap Done.

Network connections

Wi-fi

Activate the wi-fi feature to connect to a wi-fi network and access the internet or other Network devices.

Your device uses a 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.

1 on the settings screen, tap wi-fi, and then tap the wi-fi switch to activate it.

2 select a network from the wi-fi networks list.

Networks that require a password appear with a lock icon.

3 tap connect.

Adding wi-fi networks

If the desired network does not appear in the wi-fi networks list, you can add it manually.

1 tap add wi-fi network at the bottom of the list.

2 enter the network name in network ssid.

3 select the security type.

4 enter the password if it is not an open network, and then tap connect.

Bluetooth

Activate the bluetooth feature to exchange information over short distances.

On the settings screen, tap bluetooth, and then tap the bluetooth switch to activate it.

Tap to view more options.

Tethering and mobile hotspot

Use the device as a mobile hotspot to share the device's mobile data connection with other Devices if an internet connection is unavailable. Connections can be made via wi-fi, usb, or Bluetooth.

On the settings screen, tap tethering and mobile hotspot.

You may incur additional charges when using this feature.

• mobile hotspot: use the mobile hotspot to share the device's mobile data connection With computers or other devices.

• usb tethering: use usb tethering to share the device's mobile data connection with A computer via usb. When connected to a computer, the device is used as a wireless Modem for the computer.

• bluetooth tethering: use bluetooth tethering to share the device's mobile data Connection with computers or other devices via bluetooth.

Using the mobile hotspot

Use your device as a mobile hotspot to share your device's mobile data connection with other Devices.
1 on the settings screen, tap tethering and mobile hotspot → mobile hotspot.
2 tap the mobile hotspot switch to activate it.
The icon appears on the status bar. Other devices can find your device in the wi-fi Networks list.
To set a password for the mobile hotspot, tap → configure hotspot and select the level Of security. Then, enter a password and tap save.
3 on the other device's screen, search for and select your device from the wi-fi networks List.
4 on the connected device, use the device's mobile data connection to access the internet.

Flight mode

This disables all wireless functions on your device. You can use only non-network services.
On the settings screen, tap flight mode.

Data usage

Keep track of your data usage amount and customise the settings for the limitation.
On the settings screen, tap data usage.
• mobile data: set the device to use data connections on any mobile network.
Tap to view more options.

Location

Change settings for location information permissions.
On the settings screen, tap location, and then tap the location switch to activate it.
• mode: select a method to collect your location data.
• recent location requests: view which apps request your current location information And their battery usage.
• location services: view the location services your device is using.
• my places: save your favourite locations for use with apps that require location Information. Your device will provide relevant information and services by recognising Saved locations using maps, wi-fi, or bluetooth.

Nfc and sharing

Change the settings for various sharing features.
On the settings screen, tap nfc and sharing.
• nfc: change settings for using the nfc feature. Refer to nfc for more information.
• nearby devices: change the settings for sharing content with nearby devices. All devices Must support wi-fi direct or be connected to the same wi-fi network or a mobile Hotspot.
• printing: configure settings for printer plug-ins installed on the device. You can search For available printers or add one manually to print files. Refer to mobile printing for more Information.
• screen mirroring: activate the screen mirroring feature to share your display with others. Refer to screen mirroring for more information.
• mirrorlink: use the mirrorlink feature to control your device's mirrorlink apps on the Vehicle's head unit monitor. Refer to mirrorlink for more information.

More networks

Customise settings to control networks.
On the settings screen, tap more networks.
• download booster: set the device to download files larger than 30 mb, faster via Wi-fi and mobile networks simultaneously. A stronger wi-fi signal will provide a faster Download speed.
• this feature may not be supported by some devices.

• you may incur additional charges when downloading files via the mobile network.
• when you download large files, the device may heat up. If the device exceeds a set Temperature, the feature will turn off.
• if network signals are unstable, the speed and performance of this feature may be Affected.
• if the wi-fi and mobile network connections have significantly different data Transfer speeds, the device may use only the fastest connection.
• this feature supports hypertext transmission protocol (http) 1.1 and hypertext Transmission protocol secure (https). The feature cannot be used with other Protocols, such as ftp.
• default messaging app: select the default app to use for messaging.
• mobile networks: configure your mobile network settings.
• vpn: set up and connect to virtual private networks (vpns).

Connect and share

Sound and display

Change settings for various sounds on the device.
On the settings screen, tap sounds and notifications.
• sound mode: set the device to use sound mode or silent mode.
• vibration intensity: adjust the force of the vibration notification.
• vibrate when ringing: set the device to vibrate and play a ringtone for incoming calls.
• ringtones: add or select a ringtone for incoming calls.
• vibrations: add or select a vibration pattern.
• notification ringtone: select a ringtone for events, such as incoming messages.

Display and wallpaper

Change the display settings.
On the settings screen, tap display and wallpaper.
• brightness: set the brightness of the display.
• wallpaper: change the wallpaper settings for the home screen and the locked screen.
• font: change the font size and type.
• one-handed operation: activate one-handed operation mode for your convenience When using the device with one hand. Refer to one-handed operation for more Information.
• screen rotation: set the content to rotate automatically when the device is turned.
• smart stay: set the device to prevent the display backlight from turning off while you are Looking at the display.
• screen timeout: set the length of time the device waits before turning off the display's Backlight.
• screen mode: change the screen mode.
• auto adjust screen tone: set the device to save power by adjusting the brightness of the Display.
• daydream: set the device to launch a screensaver when the device is charging or Connected to a desktop dock.
• led indicator: set the device to turn the led indicator on or off.
• touch key light duration: set the duration that the recents key and the back key's Backlight remains on.
• increase touch sensitivity: set the device to allow use of the touchscreen with gloves on. Depending on the type of material you wear while touching the device, some Commands may not be recognised.

Lock screen

Change the settings for the locked screen.
On the settings screen, tap lock screen.

• screen lock: change the screen lock method. The following options may vary depending On the screen lock method selected.
• show information: change settings for the items displayed on the locked screen.
• camera shortcut: set the device to show the camera shortcut on the locked screen. This feature may not be available depending on the region or service provider.
• action memo on lock screen: set the device to launch action memo when you doubletap The locked screen with the s pen while pressing and holding the s pen button.
• unlock effect: select an effect that you see when you unlock the screen.

Multi window

Set the device to use multi window.
On the settings screen, tap multi window, and then tap the multi window switch to activate It.
• open in split screen view: set the device to activate the multi window feature when you Open files from my files, video, or attachments in messages.
• pop-up view shortcut: set the device to display the app screen in a pop-up window When you drag down diagonally from either end of the top edge of the screen.

Notification panel

Rearrange the quick setting buttons displayed on the notification panel.
On the settings screen, tap notification panel.

Motions and gestures

Activate the motion recognition feature and change the settings that control motion Recognition on your device.
On the settings screen, tap motions and gestures.
• direct call: set the device to make a voice call by picking up and holding the device near Your ear while viewing call, message, or contact details.
• smart alert: set the device to alert you if you have missed calls or new messages when You pick up the device.
• mute/pause: set the device to mute incoming calls or alarms when you cover the screen With your palm or turn the device over.
• palm swipe to capture: set the device to capture a screenshot when you swipe your Hand to the left or right across the screen

Personalisation

Accounts

Add your Google accounts, or other accounts, to sync with.
On the settings screen, tap accounts.

Cloud

Change sync, backup, and restore settings for your dropbox accounts.
On the settings screen, tap cloud.

Backup and reset

Change the settings for managing settings and data.
On the settings screen, tap backup and reset.
• back up my data: set the device to back up settings and app data to the Google server.
• backup account: set up or edit your Google backup account.
• automatic restore: set the device to restore settings and app data when the apps are Reinstalled on the device.
• factory data reset: reset settings to the factory default values and delete all data.

Easy mode
Set the device to easy mode.
On the settings screen, tap easy mode.
• standard mode: set the device to standard mode.
• easy mode: set the device to easy mode.
• easy applications: select apps to apply simpler layouts.

Accessibility
Use this feature to improve accessibility to the device. Refer to about accessibility for more Information.
On the settings screen, tap accessibility.

Private mode
Set the device to prevent others from accessing your personal content by activating private Mode. Refer to private mode for more information.
On the settings screen, tap private mode, and then tap the private mode switch to activate It.
• private mode access type: set or change the unlock method to activate private mode.
• auto disable: set the device to exit private mode automatically when the screen turns Off.

This feature may not be available depending on the region or service provider.

Motion

User and backup

System

Language and input
Change the settings for text input. Some options may not be available depending on the Selected language.
On the settings screen, tap language and input.
• language: select a display language for all menus and apps.
• default: select a default keyboard type for text input.
The available options may vary depending on the region or service provider.
• Google voice typing: change the voice input settings.
• language: select a language for handwriting recognition. You can search for files Containing handwriting in the selected language.
• text-to-speech options: change the text-to-speech settings.
• notification readout: set the device to read aloud notifications when you have incoming Calls, messages, or events.
• pointer speed: adjust the pointer speed for the mouse or trackpad connected to your Device.

Date and time
Access and alter the following settings to control how the device displays the time and date.
On the settings screen, tap date and time.
If the battery remains fully discharged or removed from the device, the time and date Is reset.
• automatic date and time: automatically update the time and date when moving across Time zones.
• set date: set the current date manually.

• set time: set the current time manually.
• automatic time zone: set the device to receive time zone information from the network When you move across time zones.
• select time zone: set the home time zone.
• use 24-hour format: display time in 24-hour format.
• select date format: select a date format.

Safety assistance

Activate the safety assistance features.
On the settings screen, tap safety assistance.
• emergency mode: set the device to activate emergency mode and reduce battery Consumption by using basic functions, such as calling. Refer to emergency mode for More information.
• geo news: set the device to receive notifications for severe weather conditions. To use This feature, you need to download and install the required app.
• send help messages: set the device to send help messages by pressing the power Key three times. You can also send sound recordings along with the message to the Recipients. Refer to send help messages for more information.
• manage primary contacts: add or edit the recipients for help messages.

Accessories

Change the accessory settings.
On the settings screen, tap accessories.
• dock sound: set the device to play a sound when your device is connected to or Removed from a desktop dock.
• audio output: select a sound output format to use when connecting your device to Hdmi devices. Some devices may not support the surround sound setting.

Power saving

Activate power-saving mode and change the settings for power-saving mode. Refer to power Saving feature for more information.
On the settings screen, tap power saving.
• power saving mode: activate power-saving mode and change the settings for powersaving Mode.
• ultra power saving mode: extend standby time and reduce battery consumption by Displaying a simpler layout and allowing limited access to an app.
The estimated maximum standby time shows the time remaining before the battery Power runs out if the device is not used. Standby time may vary depending on your Device settings and operating conditions.
• fast charging: set the device to use the fast charging feature. Refer to fast charging for More information.
• display battery percentage: set the device to display the percentage of the battery Remaining on the status bar.

Storage

View memory information for your device.
On the settings screen, tap storage.
Formatting a memory card permanently deletes all data from it.
The actual available capacity of the internal memory is less than the specified Capacity because the operating system and default apps occupy part of the memory.
The available capacity may change when you update the device.

Security

Change settings for securing the device and the sim or usim card.
On the settings screen, tap security.

• device administrators: view device administrators installed on the device. You can allow Device administrators to apply new policies to the device.
• unknown sources: set the device to allow the installation of apps from unknown Sources.
• encrypt device: set a password to encrypt data saved on the device. You must enter the Password each time you turn on the device.
Encrypting data may take more than an hour. Before encrypting data, connect the Charger to fully charge the battery and do not unplug it until data encryption is Complete.
• encrypt external sd card: set the device to encrypt files on a memory card.
If you reset your device to the factory defaults with this setting enabled, the device Will not be able to read your encrypted files. Disable this setting before resetting the Device.
• sim change alert: activate or deactivate the find my mobile feature which helps locate The device when lost or stolen.
• set up sim card lock: change the sim card lock settings.
• make passwords visible: set the device to display passwords as they are entered.
• security policy updates: set the device to check and download security updates.
• storage type: set a storage type for credential files.
• trusted credentials: use certificates and credentials to ensure secure use of various apps.
• install from device storage: install encrypted certificates stored in the internal memory.
• clear credentials: erase the credential contents from the device and reset the password.

Help
View help information to learn how to use the device and apps or configure important Settings.
On the settings screen, tap help.

About device
Access device information, edit the device name, or update device software.
On the settings screen, tap about device.

Applications

Application manager
View and manage the apps on your device.
On the settings screen, tap application manager.

Default applications
Select a default setting for using apps.
On the settings screen, tap default applications.

Application settings
Customise app settings.
On the settings screen, tap application settings.

ACCESSIBILITY

About accessibility

Improve accessibility with features that make the device easier to use for users who have Impaired vision, hearing, and reduced dexterity.
On the all apps screen, tap settings → accessibility.
Using the home key to open accessibility menus
You can access the following accessibility menus by pressing the home key three times Quickly.
• accessibility
• talkback
• negative colours
• interaction control
On the all apps screen, tap settings → accessibility → direct access, and then tap the Direct access switch to activate it. Then, select an accessibility menu to open when you press The home key three times quickly.

Voice feedback (talkback)

Activating talkback

When you activate talkback, the device reads aloud the text on the screen or selected Features.
1 on the all apps screen, tap settings → accessibility → vision → talkback.
2 tap the talkback switch to activate it.
3 tap ok. The device will start voice feedback.
Some features are not available while you are using talkback.
Deactivating talkback
1 on the all apps screen, tap settings → accessibility → vision → talkback.
2 tap the talkback switch and tap anywhere on the screen twice quickly.
3 tap ok and tap anywhere on the screen twice quickly. The device will stop voice Feedback.

Controlling the screen with finger gestures

You can use various finger gestures to control the screen while you are using talkback.
• exploring the screen: place a finger on the screen and move your finger to explore the Screen. Select and hold on an item and the device reads aloud the item. When you Release your finger, the item under your finger is selected.
• selecting items: tap an item to select it. Or, select and hold on an item while exploring The screen, and then release your finger.
• opening the selected item: while selected items are read aloud, when you hear the item You want, release your finger from the item. Then, tap anywhere on the screen twice Quickly.
• selecting the previous item: quickly swipe upwards or to the left on the screen with one Finger.
• selecting the next item: quickly swipe downwards or to the right on the screen with one Finger.
• scrolling the lists: swipe upwards or downwards using two fingers.
• returning to the previous page: swipe to the right using two fingers.
• moving to the next page: swipe to the left using two fingers.
• unlocking the screen: swipe in any direction within the locked screen area using two Fingers.
• opening the notification panel: drag the top of the screen downwards using two fingers.
• opening the quick settings panel: drag the top of the screen downwards using three Fingers.
You can configure finger gesture settings for talkback in manage gestures. Refer to

Configuring finger gesture settings for more information.

Configuring finger gesture settings

When using talkback, you can use finger gestures to perform various actions, such as Returning to the previous screen, opening the home screen, and more. Configure finger Gestures before using them.

Configuring settings for vertical gestures

You can use two-part vertical gestures by dragging your finger upwards and downwards from The bottom of the screen, or vice versa.

On the all apps screen, tap settings → accessibility → vision → talkback → settings → Manage gestures → two-part vertical gestures. Then, select one of the following features:

• move to the first and last items on screen: when you drag your finger upwards and Then downwards on the screen, the first item at the top of the screen is selected. When You drag your finger downwards and then upwards on the screen, the last item at the Bottom of the screen is selected.

• cycle through reading granularities: when you drag your finger upwards and then Downwards on the screen, the reading unit changes. The reading unit changes to page, Paragraph, line, word, character, and default. When you drag your finger downwards and Then upwards on the screen, the reading units change in reverse order.

Configuring settings for shortcut gestures

You can change shortcut gestures or assign features to empty shortcuts.

On the all apps screen, tap settings → accessibility → vision → talkback → settings → Manage gestures. Select a gesture, and then assign a feature to it.

Pausing talkback

Open the global contextual menu by dragging your finger downwards and then to the right On the screen without releasing it. When you select pause feedback at the top left of the Screen, talkback pauses.

Adding and managing image labels

You can assign labels to images on the screen. The device reads aloud the labels when the Images are selected. Add labels to unlabelled images by using the local contextual menu. Open the local contextual menu by dragging your finger upwards and then to the right on The screen without releasing it. Tap and hold the screen and draw a circle around the menu With your finger to explore the menus. When you hear the add label menu, release your finger To add labels.

To view the labels, open the all apps screen and tap settings → accessibility → vision → Talkback → settings → manage customised labels.

Configuring settings for talkback

Configure settings for talkback for your convenience.

On the all apps screen, tap settings → accessibility → vision → talkback → settings.

• speech volume: adjust the volume level for voice feedback.

• use pitch changes: set the device to read aloud text at a low pitch when it is entered Using a keyboard.

• keyboard echo: set the device to read aloud a word that you enter using a keyboard When you tap the space key.

• speak when screen is off: set the device to provide voice feedback when the screen is Turned off.

• use proximity sensor: set the device to pause voice feedback when you place your hand Over the sensor at the top of the device.

• shake to start continuous reading: set the device to read aloud the text displayed on The screen when you shake the device. You can select from various shaking speeds.

• speak caller id: set the device to read the caller's name aloud when you have an Incoming call.

• vibration feedback: set the device to vibrate when you explore the screen.
• sound feedback: set the device to emit a sound when you control the screen, such as Scrolling the screen, and more.
• focus speech audio: set the device to turn the media volume down when the device Reads an item aloud.
• sound volume: adjust the volume that sound is played when you touch the screen to Control it. This feature is available when sound feedback is selected.
• explore by touch: set the device to read aloud the items under your finger.
• automatically scroll lists: set the device to automatically scroll through the rest of the List not displayed on the screen and read the items aloud.
• single-tap selection: set the device to open the selected item by tapping it once.
• launch “explore by touch” tutorial: view the tutorial about using the explore by touch Feature.
• manage gestures: assign actions to perform using finger gestures. Refer to configuring Finger gesture settings for more information.
• manage customised labels: view the labels you added.
• resume from suspend: select a method to resume voice feedback when talkback is Paused.
• developer settings: set options for app development.

Using the device with the screen turned off

Set the device to turn the screen off at all times to keep the content on your screen private. The screen does not turn on when you press the home key or tap the screen. Currently Activated features do not turn off when the screen is off.
On the all apps screen, tap settings → accessibility → vision, and then tick dark screen.
You can activate or deactivate this feature by pressing the power key twice.

Reading passwords aloud

Set the device to read the password aloud when you enter the password while talkback is Activated.
On the all apps screen, tap settings → accessibility → vision, and then tick speak Passwords.

Setting text-to-speech features

Change the settings for text-to-speech features used when talkback is activated, such as Languages, speed, and more.
On the all apps screen, tap settings → accessibility → vision → text-to-speech options, And then use the following functions:
• speech rate: select a speed for the text-to-speech feature.
• listen to an example: listen to the spoken text for an example. If the device cannot read Examples aloud, tap → install voice data to download and install voice data for the Text-to-speech feature.
• default language status: view the status of the current language set for the text-to Speech feature.

Entering text using the keyboard

To display the keyboard, tap the text input field, and then tap anywhere on the screen twice Quickly.
When you touch the keyboard with your finger, the device reads aloud the character keys Under your finger. When you hear the character you want, release your finger from the screen To select it. The character is entered and the device reads the text aloud.
If rapid key input is not activated, release your finger from the character you want, and then Tap anywhere on the screen twice quickly. To activate the rapid key input feature, open the all Apps screen, tap settings → accessibility → vision, and then tick rapid key input.
Entering additional characters

Tap and hold a key on the keyboard to enter additional characters available for the key. A Pop-up window appears above the key showing available characters. To select a character, Drag your finger on the pop-up window until you hear the character you want, and release it.

Changing the font size

Use this feature to change the font size. Setting the font size to huge may not be available in Some apps.
On the all apps screen, tap settings → accessibility → vision → font size.

Magnifying the screen

Use this feature to magnify the screen and to zoom in on a specific area.
On the all apps screen, tap settings → accessibility → vision → magnification gestures, And then tap the magnification gestures switch to activate it.
• zooming in and out: quickly tap the screen three times to zoom in on a specific area. Quickly tap the screen three times again to return to the normal view.
• exploring the screen by scrolling: drag two or more fingers across the magnified screen.
• adjusting zoom ratio: pinch two or more fingers on the magnified screen or spread them Apart.
You can also temporarily magnify the screen by tapping the screen three times and holding. While holding the screen, drag your finger to explore the screen. Release your finger to return To the normal view.
• keyboards on the screen cannot be magnified.
• when this feature is activated, the performance of some apps, such as phone and Calculator, may be affected.

Setting notification reminders

Use this feature to alert you to notifications that you have not checked at the interval.
On the all apps screen, tap settings → accessibility → vision → notification reminder, and Then tap the notification reminder switch to activate it.
To set an interval between alerts, tap reminder interval.
Reversing the display colours
Use this feature to improve screen visibility and to help users recognise text on the screen More easily.
On the all apps screen, tap settings → accessibility → vision, and then tick negative Colours.

Colour adjustment

Use this feature to adjust how colours are displayed on the screen if you have difficulty in Distinguishing colours. The device changes the colours into more recognisable colours.
On the all apps screen, tap settings → accessibility → vision → colour adjustment, and Then tap the colour adjustment switch to activate it. Follow the on-screen instructions to Complete the colour adjustment procedure.

Setting flash notification

Set the flash to blink when you have incoming calls, new messages, or notifications.
On the all apps screen, tap settings → accessibility → hearing, and then tick flash Notification.

Turning off all sounds

Set the device to mute all device sounds, such as media sounds, and the caller’s voice during A call.
On the all apps screen, tap settings → accessibility → hearing, and then tick turn off all Sounds.

Caption settings

On the all apps screen, tap settings → accessibility → hearing →
Google subtitles (cc), and then tap the Google subtitles (cc) switch to activate it.
Select an option for configuring the caption settings.

Adjusting the sound balance

Set the device to adjust the sound balance when using a headset.
1 connect a headset to the device and wear it.
2 on the all apps screen, tap settings → accessibility → hearing → sound balance.
3 drag the adjustment bar to the left or right and adjust the sound balance, and then tap Set.

Mono audio

Mono output combines stereo sound into one signal that is played through all headset Speakers. Use this if you have a hearing impairment or if a single earbud is more convenient.
On the all apps screen, tap settings → accessibility → hearing, and then tick mono audio.

Assistive menu

Displaying the assistive shortcut icon
Set the device to display the assistive shortcut icon for accessing apps, features, and settings. You can easily control the device by tapping the assistive menus in the icon.
1 on the all apps screen, tap settings → accessibility → dexterity and interaction → Assistant menu.
2 tap the assistant menu switch to activate it, and then tap ok to enable single tap mode. The assistive shortcut icon appears at the bottom right of the screen.
3 tap dominant hand to move the assistive shortcut icon to a convenient location
Accessing assistive menus
The assistive shortcut icon appears as a floating icon for easy access to the assistive menus From any screen.
When you tap the assistive shortcut icon, the icon expands slightly and the assistive menus Appear on the icon. Tap the up or down arrow to move to other panels or swipe upwards or Downwards to select other menus.
Using the cursor
On the assistive menu, tap cursor. You can control the screen using small finger movements On the touch area. Drag your finger on the touch area to move the cursor. Also, tap the screen To select items under the cursor.
Use the following options:
• / : select an item or scroll left or right on the screen.
• / : scroll up or down the screen.
• : move the touch area to another location.
• : magnify the area where the cursor is located.
• : close the touch area.
To change the cursor settings, open the all apps screen, tap settings → accessibility → Dexterity and interaction → assistant menu. Then, customise settings in touchpad and Cursor settings.
Using enhanced assistive menus
Set the device to display enhanced assistive menus for selected apps.
On the all apps screen, tap settings → accessibility → dexterity and interaction → Assistant menu → assistant plus, tap the assistant plus switch to activate it, and then select Apps.

Setting tap and hold delay options

Set the recognition time for tapping and holding the screen.
On the all apps screen, tap settings → accessibility → dexterity and interaction → tap

And hold delay, and then select an option.

Interaction control

Activate interaction control mode to restrict the device's reaction to inputs while using apps.
1 on the all apps screen, tap settings → accessibility → dexterity and interaction → Interaction control.
2 tap the interaction control switch to activate it.
3 press and hold the home key and the volume key down simultaneously while using an App.
4 adjust the size of the frame or draw a line around an area that you want to restrict.
5 tap done.
The device displays the restricted area. The restricted area will not react when you touch It and the devices hard keys will be disabled.
To deactivate interaction control mode, press and hold the home key and the volume key Down simultaneously.

Answering or ending calls

Change the method of answering or ending calls.
On the all apps screen, tap settings → accessibility → answering and ending calls.
Select the desired method.

Using single tap mode

When an alarm sounds or a call comes in, tap the button to stop the alarm or answer the call Instead of dragging the button.
On the all apps screen, tap settings → accessibility, and then tick single tap mode.

Managing accessibility settings

Saving accessibility settings in a file

Export the current accessibility settings in a file.
On the all apps screen, tap settings → accessibility → manage accessibility → import/ Export, and then select an export option.

Importing an accessibility settings file

Import an accessibility settings file and update the current settings.
On the all apps screen, tap settings → accessibility → manage accessibility → import/ Export, and then select an import option. Select a file to import and tap done → ok. The Accessibility settings will be updated according to the imported file.

Sharing accessibility settings files

Share accessibility settings files with others via email, wi-fi direct, bluetooth, and more.
On the all apps screen, tap settings → accessibility → manage accessibility → share via.
Then, select the accessibility files and tap done. Select a sharing method and follow the onscreen Instructions to share the files.

Using other useful features

TROUBLESHOOTING

Before contacting a service centre, please attempt the following solutions. Some Situations may not apply to your device.
When you turn on your device or while you are using the device, it Prompts you to enter one of the following codes:
• password: when the device lock feature is enabled, you must enter the password you set For the device.
• pin: when using the device for the first time or when the pin requirement is enabled, you Must enter the pin supplied with the sim or usim card. You can disable this feature by Using the lock sim card menu.
• puk: your sim or usim card is blocked, usually as a result of entering your pin incorrectly Several times. You must enter the puk supplied by your service provider.
• pin2: when you access a menu requiring the pin2, you must enter the pin2 supplied with The sim or usim card. For more information, contact your service provider.

Your device displays network or service error messages

• when you are in areas with weak signals or poor reception, you may lose reception. Move To another area and try again. While moving, error messages may appear repeatedly.
• you cannot access some options without a subscription. For more information, contact Your service provider.

Your device does not turn on

• when the battery is completely discharged, your device will not turn on. Fully charge the Battery before turning on the device.
• the battery may not be inserted properly. Insert the battery again.
• wipe both gold-coloured contacts and insert the battery again.

The touchscreen responds slowly or improperly

• if you attach a protective cover or optional accessories to the touchscreen, the Touchscreen may not function properly.
• if you are wearing gloves, if your hands are not clean while touching the touchscreen, Or if you tap the screen with sharp objects or your fingertips, the touchscreen may Malfunction.
• the touchscreen may malfunction in humid conditions or when exposed to water.
• restart your device to clear any temporary software bugs.
• ensure that your device software is updated to the latest version.

Your device freezes or has fatal errors

If your device freezes or hangs, you may need to close apps or reinsert the battery and turn On the device to regain functionality. If your device is frozen and unresponsive, press and hold The power key and the volume key down simultaneously for more than 7 seconds to restart it. If this does not solve the problem, perform a factory data reset. On the all apps screen, Tap settings → backup and reset → factory data reset → reset device → erase Everything. Before performing the factory data reset, remember to make backup copies of All important data stored in the device.

Calls are not connected

• ensure that you have accessed the right cellular network.
• ensure that you have not set call barring for the phone number you are dialling.
• 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.

Sound echoes during a call

Adjust the volume by pressing the volume key or move to another area.

A cellular network or the internet is often disconnected or 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. You May have connectivity problems due to issues with the service provider's base station. Move to another area and try again.
• when using the device while moving, wireless network services may be disabled due to Issues with the service provider's network.

The battery icon is empty

Your battery is low. Recharge or replace the battery.

The battery does not charge properly

• ensure that the charger is connected properly.
• if the battery terminals are dirty, the battery may not charge properly or the device may Turn off. Wipe both gold-coloured contacts and try charging the battery again.
• the batteries in some devices are not user-replaceable. To have the battery replaced, visit a service centre.

The battery depletes faster than when first purchased

• when you expose the battery to very cold or very hot temperatures, the useful charge May be reduced.
• battery consumption increases when you use messaging features or some apps, such as Games or the internet.
• the battery is consumable and the useful charge will get shorter over time.

Your device is hot to the touch

When you use apps that require more power or use apps 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 device must have sufficient available memory and battery power to operate the camera App. 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 computer or deleting files from your device.
• restart the device. If you are still having trouble with the camera app after trying these Tips, contact a service centre.

Photo quality is poorer than the preview

• the quality of your photos may vary, depending on the surroundings and the Photography techniques you use.
• if you take photos in dark areas, at night, or indoors, image noise may occur or images May be out of focus.

Error messages appear when opening multimedia files

If you receive error messages or multimedia files do not play when you open them on your Device, try the following:

• free some memory by transferring files to a computer 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 the file formats are supported by the device. If a file format is not supported, Such as divx or ac3, install an app that supports it.
• your device supports photos and videos captured with the device. Photos and videos Captured by other devices may not work properly.
• your device supports multimedia files that are authorised by your network service Provider or providers of additional services. Some content circulated on the internet, Such as ringtones, videos, or wallpapers, may not work properly.

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.
• ensure that your device and the other bluetooth device are within the maximum Bluetooth range (10 m).

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

• ensure that the usb cable you are using is compatible with your device.
• ensure that you have the proper driver installed and updated on your computer.
• if you are a windows xp user, ensure that you have windows xp service pack 3 or higher Installed on your computer.

Your device cannot find your current location

Gps signals may be obstructed in some locations, such as indoors. Set the device to use wi-fi or a mobile network to find your current location in these situations.

Data stored in the device has been lost

Always make backup copies of all important data stored in the device. Otherwise, you cannot Restore data if it is corrupted or lost. Marshall is not responsible for the loss of data stored in The device.

A small gap appears around the outside of the device case

• this gap is a necessary manufacturing feature and some minor rocking or vibration of Parts may occur.
• over time, friction between parts may cause this gap to expand slightly.