

NEC

NE-103T

User Guide

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Thank you for purchasing this product. Before using this product, read this manual.

Precautions

To ensure that you use this product correctly, please read the following before use. These precautions must be observed at all times as they contain information intended to prevent body injury or damage to property.

- Do not use, keep, or leave the devices (this product, battery pack, AC charger, SIM card, and other supplied options) in locations subject to high temperatures, such as near fire, indirect sunlight, inside of a car on a hot day, or near a heating system.
- Do not put the devices in heating equipment such as a microwave oven or pressurized container.
- Do not put the devices on the unstable place such as an unstable chair.
- Do not disassemble or modify the devices.
- Do not let the devices get wet with water, any liquid, urine of pet animals, etc.
- Do not place electrically conductive objects (wires, pencil leads, etc.) in contact with the charging product or microUSB connector. Do not insert such materials inside the product.
- Do not cover or wrap the devices with bedding, etc. while in using or charging.
- If something unusual happens, such as unusual odor, overheating, discoloration, or deformation during use, charge or storage, be sure to:
 - Unplug the AC charger from the power outlet.
 - Turn off the power.
 - Remove the battery pack from this product.
- Do not leave or use the devices in humid or dusty places.
- Use a battery pack and AC charger specified by NEC de México, S.A. de C.V.
- Do not throw the devices, or expose to excessive shock or mechanical vibration.
- Do not use damaged devices.
- The supplied AC charger and battery pack are exclusive for this product. Do not use these with other devices.

Precautions for this product

- Avoid using this product in extremely high or low temperature. The ambient temperature for operating should be 5°C to 40°C (limited to the temporary use in a bathroom etc. when temperature is above 36°C) with humidity of 45% to 85%.
- Make sure to turn off this product and stop charging before you get close to places like a gas station where a flammable gas is generated.

- Please turn off this product when inside an airplane, hospital, or other area where use is prohibited.
 - The product may adversely affect electronic or medical equipment. Follow the instructions provided by the medical facility for the use of mobile phones.
 - Using the phone in an airplane is prohibited, and is punishable by law. However, to enable use inside an airplane such as using a non-emission setting, follow the instructions of airline before using.
- Make sure to hold this product at a safe distance from your ear when you talk with the speaker on, or when the ring tone sounds. Also, when you play games or music with an earphone / microphone etc. connected to the product, adjust the volume properly.
- When viewing the display, maintain a proper distance between your eyes and the screen in a bright place.
- Do not view the display for a long period continuously.
- There may be cases where the customer's physical condition or predisposition leads to itchiness, rashes, or sores. If this occurs, immediately stop using this product and see a doctor.

For materials of each part, refer to 'Material list' (P.6).

- Operations of this product for a long period repeatedly may cause pain on your hand, arthralgia, backache, stiff shoulders, etc.
- If you have a weak heart, take precautions when setting the Vibrator or Ring volume.
- Please turn off the power near electronic equipment that contains high-precision mechanisms or handles delicate signals.

The product may interfere with the operation of sensitive electronic equipment. Electronic equipment to watch out for includes hearing aids, implanted pacemakers, ICDs, and other electronic medical devices; fire alarms, automatic doors, and other automatically controlled apparatus. Users of implanted pacemakers, ICDs, and other electronic medical devices are advised to ask their doctor, the manufacturer of the equipment, or the shop of purchase whether or not these devices can be affected by radio waves.

- If the display or camera lens is broken, be careful with the broken glass and any exposed terminal parts. Impact absorbent resin is used inside the display, and a plastic panel is used for the camera lens surfaces to avoid glass scattering. However, touching broken or exposed parts may cause injury.
- If the display is broken and the liquid crystal leaks, do not touch it with your face, hands, etc.
- Do not swing this product by the strap or other parts.
- Do not use this product outside when you hear thunder.
- The service of the emergency calls is not supported for all areas. Please only consider this product is one way to make emergency calls, such as calling the ambulance.
- Do not place water or other liquid, metal items, easily burnable objects, etc., around the SIM card tray or microSD card slot.
- Do not paint or put labels / stickers on this product.

- Pay attention to the objects drawn to this product. You may be injured unexpectedly by the sharp-edged shards of metal such as the pushpin, cutter blade or staple, since the magnet is used for the earpiece and speaker parts. When you use this product, make sure that no foreign objects are adhered to them.
- Do not expose the devices (this product, battery pack, AC charger, SIM card, and other supplied options) to liquids such as water.
Do not let the devices get wet directly with water. Also, do not use them in a place with high humidity such as a bathroom or do not handle by wet hands. Failure to do so may produce electric shock, short-circuiting, or corrode, causing it to a malfunction. (Pay special attention when you use the devices near water such as at a beach or on a rainy / snowy day). If the devices get wet, immediately unplug the power plug and microUSB cable and remove the battery pack. Note that any defects or malfunctions due to exposure to water or high-humidity environment may not be included in the Warranty and repairs may not be covered by the Warranty.
- Do not leave the product on the sand at a beach. Sand might enter the mouthpiece or earpiece / speaker and result in smaller sound.

Precautions for children and pets

- Keep the devices out of children's or pets' reach. Children or pets may try to swallow them, etc., or suffer injury.
- Keep your pets away from the battery pack as they may accidentally bite it.
- If a child is to use this product, instruct him / her on how to use it. Check if he / she always uses this product correctly as you instruct.

Precautions for charging

- Pay special attention when you use this product connected to the AC charger for a long period. If you use for a long time while charging, the temperature of the product, battery pack, or AC charger may rise.
If you touch the warm part of these devices for a long period of time, it may cause redness, itch, skin irritation, or low temperature burns depending on your constitution or physical condition.
- Do not use the AC charger if the microUSB cable is damaged.
- Do not use the AC charger in humid locations such as a bathroom.
- Do not touch the AC charger when you see lightning or hear thunder.
- Do not use the AC charger outside.
- Do not short-circuit the charging terminals when the AC charger is plugged into the power outlet. Also, do not let the charging terminals contact with your body (hand, fingers, etc.).

- Do not put heavy objects on the microUSB cable of the AC charger.
- When plugging / unplugging the AC charger into / from the power outlet, make sure that no metallic straps or other metallic objects are caught between the plug and the socket.
- When plugging the AC charger into the power outlet, make sure to insert it firmly.
- Use the specified voltage and current.
AC charger: AC 100 V to 240 V (household AC outlet only)
- Wipe off any dust on the plug.
- Always grasp the AC charger when unplugging the plug from the power outlet. Do not pull the microUSB cable itself.
- If water or other liquid gets into the AC charger, immediately unplug it from the power outlet.
- Unplug the AC charger from the power outlet when the AC charger will be left unused for a long period.
- Unplug the AC charger from the power outlet before cleaning it.
- The ambient temperature of the room should be 5°C to 35°C.

Precautions for the battery pack

- Check the orientation of the battery pack before attaching. If you have difficulty attaching to this product, do not put excessive pressure on the battery pack.
- Do not place metal items such as wires in contact with the charging terminals. Also, do not carry or store the battery pack with metal items such as a necklace.
- Do not throw the battery pack into fire.
- Do not puncture the battery pack, hit it with a hammer or step on it.
- Do not use or charge the battery pack if wet.
- Never use the battery pack if something abnormal such as deformation or damage has occurred.
- If the battery pack leaks or emits an unusual odor, stop using it immediately and move it away from any flame or fire.
- If the battery pack leaks, do not touch any leaked battery fluid etc., with your face, hands, etc.
Failure to observe this precaution may cause loss of eyesight or damage to your skin. If the battery fluid etc. gets into your eyes or mouth, or it adheres to your skin or clothing, immediately rinse with clean water. In this case of contact with your eyes or mouth, see a doctor immediately after rinsing.

Precautions for the SIM card / microSD card

- Be careful with sharp edges when removing the SIM card / microSD card.

Precautions for using near electric medical devices

- If you are wearing electronic medical devices, ask your doctor whether the devices can be affected by radio waves before using.
- Take care of the following inside hospitals.
 - Do not take this product into the operating room, intensive care unit (ICU), or coronary care unit (CCU).
 - Turn off the power even in hospital lobbies, waiting rooms and corridors if electronic medical devices may be in use near you.
 - For use inside medical institutions, please follow the instructions given at individual locations.
- A person with an implanted pacemaker or ICD should use or carry this product at a distance more than 22 cm from the site of implantation. Radio waves emitted by this product may adversely affect implanted pacemakers and ICDs when using in close proximity.

Precautions for driving

- Before using in a vehicle, ask the manufacturer or sales agent whether the operation of the vehicle can be affected by radio waves. In some types of vehicle, using this product may interfere with the operation of the vehicle's electronic equipment. In this case, stop using this product immediately.
- Be careful when using this product while driving. A fine may be imposed for holding a mobile phone while driving. However, exceptions are made in case of emergency, such as to safeguard injured persons or to maintain public safety.
- Please check the law and regulations of the area for using a mobile phone, and follow them.
- Please do not place this product near the air bag of a car. When the air bag operates, it may be injured by this product.

Disposing the battery pack

- Do not dispose of used battery packs with ordinary garbage. Check local regulations by contacting your local city office or your household waste disposal service for disposing.

■ Material list

Part		Material / Surface treatment
Outer case	Display side, Top, Bottom, Left, and Right sides	PC+ABS resin / UV coating
	Battery side (inside the back cover)	PC+ABS resin
Camera lens		Acrylic resin / Hard coating
Display (Touch panel)		Glass
Key	Power switch	PC+TPU / Chrome non-conductive vacuum metallization / UV coating
	Volume keys	PC+TPU / Chrome non-conductive vacuum metallization / UV coating
Back cover (Battery cover)		PC resin / UV coating
Machine screw		Steel / Zinc plating
Battery pack recess	Recess surface	PC+ABS resin
	Shielding	Tin plate, stainless
	microSD connector	Stainless
	SIM connector base	LCP resin
	SIM connector cover	Phosphor-bronze
	Switch	Copper alloy
Battery terminal	Terminal connector base	LCP resin
	Terminals	Ti-Cu / Nickel underplating / Gold plating
Battery pack	Battery pack case	PC resin
	Terminals	FR4 / Copper underplating / Gold plating

Handling Precautions

- Do not expose to water. The devices (this product, battery pack, AC charger, SIM card, and other supplied accessories) are not waterproof. Do not use them in a humid place such as a bathroom or in the rain. If you carry this product on your body, perspiration may corrode the internal parts of the product and cause malfunction. Note that if a trouble is diagnosed as exposure to water or other liquid, repairs of this product may not be covered by the Warranty or it may not be possible to repair such phones. In that case, even if the product can be repaired, it is repaired at the owner's expense.
- Wipe with a soft, dry cloth (such as an eyeglass cleaning cloth).
 - Rubbing the display of this product with a dry cloth may scratch the display surface.
 - The display surface may be stained if moisture or dirt is left on it for a long period.
 - Never use chemicals such as alcohol, thinners, benzen, or detergents, as these agents may erase the printing on this product or cause discoloration.
- Occasionally clean the connection terminals with a dry cotton swab, etc.
 - Soiled connectors may result in poor connections, loss of power, or incomplete charging. Wipe with a dry cloth or cotton swab.
- Do not place this product near an air conditioning vent. Condensation may form due to rapid changes in temperature, and this may cause internal corrosion and malfunction.
- Do not put excessive pressure on this product or battery pack.
 - Do not put this product in a bag filled with many objects or sit down with it in a hip pocket.
 - Excessive pressure may result in malfunction or damage to the display, internal circuit or the battery pack, etc. Also, if an external device is connected to the microUSB connector or earphone jack, do not apply excessive pressure on the device. Doing so may cause the malfunction or damage to the device or the connector / jack.
- Do not scratch the display with metallic objects.

Handling the product

- Do not use forcefully push or use a pointed object (nails, ball pointed pen, pin, etc.) on the touch panel.
- Reception may be affected if you use this product near a land-line phone, television, or radio in use. Use this product away from such devices.
- Ensure this product does not come near a fire such as a stove, or fall from a tabletop (the product may slide when it vibrates).
- When connecting an external device to the microUSB connector or earphone jack, do not plug it crookedly or pull it forcibly.

- It is normal for this product to become warm while being used or charged. This is not a malfunction.
- Do not leave the camera exposed to direct sunlight. Doing so may discolor or burn its components.
- Do not use this product with the back cover removed. Doing so may cause the battery pack to fall out, or cause malfunction or damage.
- Do not insert hard, sharp objects into the earpiece, mouthpiece, or speaker.
- Do not remove the microSD card or turn off the power while in use. Doing so may cause data loss or malfunction.
- Do not let magnetic cards, etc. come close to this product. The magnetic data in cash cards, credit cards, prepaid cards, floppy disks, etc. may be erased.
- Do not let strong magnetic objects come close to this product. Strong magnetism may cause a malfunction.
- Keep a separate record of the information you have registered for this product.
 - NEC de México, S.A. de C.V. bears no obligation or responsibility in the event that data is altered or lost.

Handling the battery pack

- The battery pack is replaceable. Battery life varies depending on usage conditions, etc., but it is time to change the battery pack when the usage time has become extremely short, even when it has been fully charged. In this case, purchase a new battery pack.
- Depending on the usage condition, the battery pack may expand slightly when the battery life is almost over. This is not a malfunction.
- Do not store the battery pack in the following cases.
 - The battery is fully charged (immediately after the charging is complete).
 - The battery has run out (the phone cannot power on).The performance and life of the battery pack may deteriorate. It is recommended that you store the battery pack with around 40% of a full charge.

Handling the AC charger

- Do not charge the battery pack at the following places.
 - A humid, dusty or unstable place
 - Near a land-line phone, TV, or radio
- Do not expose the AC charger to strong shocks. Do not deform the charging terminal.
- If you use an electrical outlet with an unplugging-protection mechanism, follow the instructions of the manual for the outlet.
- Do not use a car DC adapter to charge the battery pack when the car engine is not running.

Handling the SIM card

- Do not apply excessive force to the SIM card when attaching / removing it.
- Note that the warranty does not cover damage caused by inserting the SIM card into another type of the IC card reader or writer.
- Always keep the IC part clean.
- Wipe with a soft, dry cloth (such as an eyeglass cleaning cloth) for cleaning.
- Keep a separate record of the information you have registered in your SIM card.
 - NEC de México, S.A. de C.V. bears no obligation or responsibility in the event that data is altered or lost.
- Do not damage, scratch, unnecessarily touch, or short-circuit the IC part.
- Do not drop the SIM card or expose it to strong shocks.
- Do not bend the SIM card or place a heavy object on it.
- Do not put a label or sticker on the SIM card when attaching it to this product.

Statements of Compliance

COFETEL

The operation of this equipment is subject to the following two conditions:

- (1) It is possible that this equipment or device may not cause harmful interference, and
- (2) The equipment or device must accept any interference, including interference that may cause undesired operation.

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
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About This Manual

- Some of contents of this manual are not supported in all countries / regions or by all networks and / or service providers in all areas.
Contact your network operator or service provider for any specific service or feature and to determine whether additional access or usage fees apply.
- In this manual, operations are simplified as follows.

Description	Operation
From the Idle screen, tap  ▶ "System settings" ▶ "Wi-Fi".	From the Idle screen, tap  , then "System settings", then "Wi-Fi".

- Display examples used in this manual are for explanation only and may be different from the actual display.
- This manual assumes the settings are the same as they were when you purchased the product. Therefore the views and operations may differ if you have changed the settings.
- The reproduction or reprinting of all or part of this manual without prior permission is prohibited.
- The contents of this manual are subject to change without notice.

Notes

- Google applications and service content may change without notice.
- Even when Silent mode is set for the ringtone and notification sounds, sound from video playback, music, etc., is unaffected and will continue to be heard.
- You can update the software.
- Updates for product quality improvement and operating system (OS) upgrades may be applied. Such updates or upgrades may cause applications you are using to be unusable or have unexpected errors.
- When the memory capacity of a microSD card or the product become nearly full, applications may not function correctly. If this happens, delete some of the saved data.
- For security reasons, set a screen lock password (P.45).
- Refer to the Google Inc. terms of usage regarding services that Google provides. Also refer to the respective terms of usage for other web services.
- If this product is lost, change your password for each account via a PC to prevent other persons from using your account with Google services such as Google Talk, Gmail, Google Play, etc.

Bluetooth® Function

- This product supports a security function compliant with Bluetooth standards, but the security may not be sufficient, depending on the setting.
Concern about communication using the Bluetooth function.
- NEC de México, S.A. de C.V. is not responsible for data leak when making data communications using Bluetooth.
- You can use a headset, handsfree, audio, object push, serial port, and phonebook access on the product. The audio / video remote control may be available for audio. (Only on Bluetooth compatible devices.)
- **Bluetooth cautions**
The operating frequency band of this product is used by industrial, scientific, consumer and medical equipment including microwave ovens, premises radio stations for identifying mobile units used in manufacturing (radio stations requiring a licence), specified low power radio stations (radio stations requiring no licence) and amateur radio stations. (Hereinafter, any of the above stations is referred to as 'another station').
 - 1 Before using Bluetooth with this product, confirm that 'another station' is not being operated nearby.
 - 2 In the event that this product is causing radio interference with 'another station', immediately change the operating frequency or stop radio wave emission by turning off the power, etc.
 - 3 If you have further questions, contact your network operator or service provider.

Wireless LAN

- A wireless LAN (Wi-Fi) uses radio waves for transmission, and thereby has the benefit of allowing a LAN connection anywhere in an area reachable by those radio waves. Conversely, eavesdropping by a third party or wrongful intrusion are possible if security settings are not configured. You are advised to use discretion and configure security settings before using.
- **Wireless LAN**
Do not use wireless LAN near magnetic devices such as electrical appliances or AV / OA devices, or in radio waves.
 - Magnetism or radio waves may increase noises or disable communications (especially when using a microwave oven).
 - When used near TV, radio, etc., reception interference may occur, or sound and images on the TV screen may be disturbed.
 - If there are multiple wireless LAN access points nearby and the same channel is used, search may not work correctly.
- Available channels vary depending on the country / region.
- For use in an aircraft, contact the airline beforehand.
- For use of Wi-Fi in another country / region, there may be limitations on the locations where you can use it. Before using Wi-Fi in another country / region, confirm the locally available frequencies, laws, regulations, and other conditions for the use of Wi-Fi.





- **2.4 GHz device cautions**

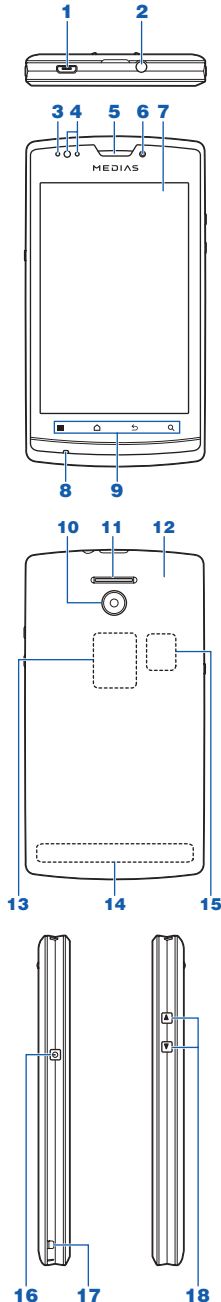
The operating frequency band of this Wi-Fi device is used by home electrical appliances such as microwave ovens, as well as industrial, scientific and medical equipment including private radio stations on factory premises for identifying mobile units used in manufacturing lines (radio stations requiring a licence), specified low power radio stations (radio stations requiring no licence), and amateur radio stations (radio stations requiring a licence).

- 1 Before using the device, confirm that private radio stations for identifying mobile units, specified low power radio stations and amateur radio stations are not being operated nearby.
- 2 If the device causes harmful radio interference to private radio stations for identifying mobile units, immediately change the frequency band or stop use, and contact a Call Center on the Warranty Guide.
- 3 If the device causes radio interference to low power radio stations or amateur radio stations, contact a Call Center on the Warranty Guide.

Getting Started

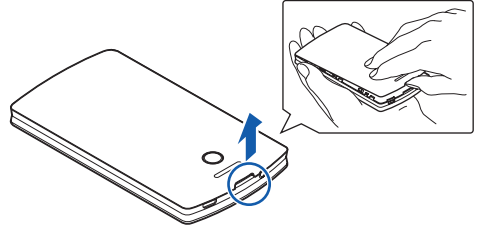
Parts Names

- 1 microUSB connector
- 2 Earphone jack
- 3 Notification LED
- 4 Proximity sensor
- * The display may be dark during calls if this sensor is covered. Do not put labels or stickers on the sensor.
- 5 Earpiece (receiver)
- 6 Sub camera
- 7 Display (Touch panel)
- 8 Mouthpiece / microphone
- 9 Front keys
 -  (menu) key
 -  (home) key
 -  (back) key
 -  (search) key
- 10 Main camera
- 11 Speaker
- 12 Back cover
- 13 SIM slot
- 14 Antenna sensor
- * For the best performance, do not cover these areas by your finger, etc. when using this product.
- 15 microSD card slot
- 16 Power switch
- 17 Strap slot
- 18 ▲ / ▼ (volume) keys

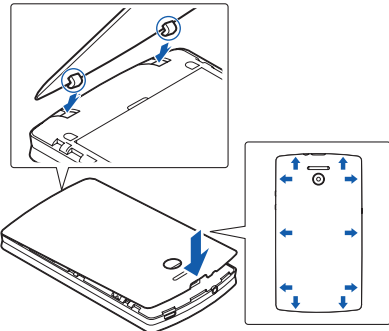


Removing / Attaching the Back Cover

To remove the back cover, hook your finger on the slot and remove in the direction shown, without too much force.



To attach the back cover, insert the tabs in the slots as shown below and push down the back cover securely in the direction shown.



Securely push the areas shown by arrows and make sure that there is no gap between the back cover and this product.

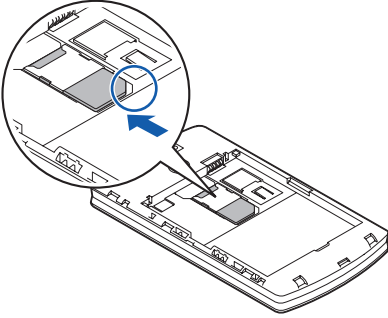
Note

- When attaching the back cover, make sure that the SIM card, the microSD card, and the battery pack are attached securely. If the SIM card or microSD card is not securely inserted, the battery pack will sit on the SIM or microSD card and create a gap between this product and the back cover when attaching the back cover.

Inserting the SIM Card

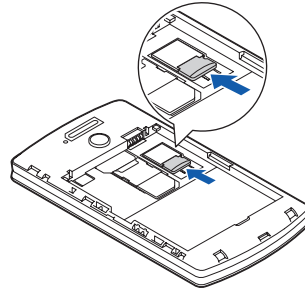
The SIM card is an IC card that stores your phone numbers and other information. Some functions are not available if the SIM card is not inserted.

Slide the SIM card, IC surface (gold-colored) faced down, into the slot and set correctly.

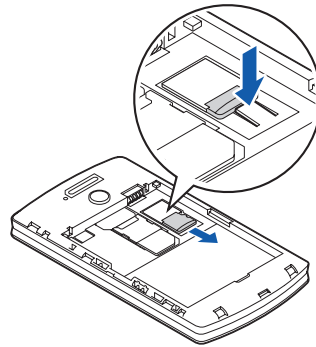


Inserting the microSD Card

Insert the microSD card into the microSD card slot until it is locked by the stopper.



To remove the microSD card, slide it out while pushing the stopper as shown.

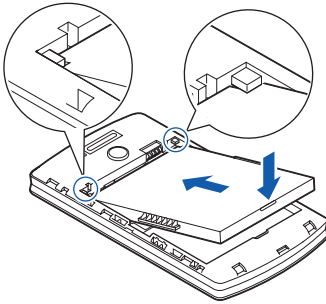


Note

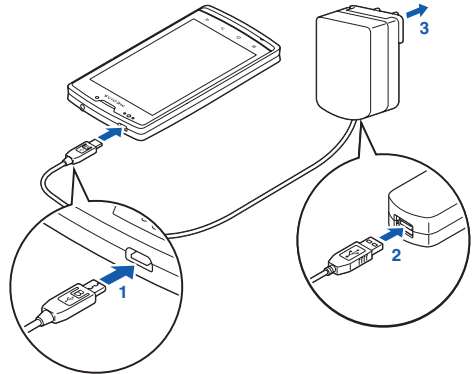
- You can use a microSD card up to 2G bytes or micorSDHC card up to 32G bytes.

Attaching the Battery Pack

Insert the battery pack in the direction by hooking the tabs into the slots.



Charging the Battery



- 1** Connect the microUSB plug of the supplied microUSB cable with engraved side facing up to the microUSB connector.
- 2** Connect the USB plug of the cable with the supplied AC charger.
- 3** Insert the AC charger plug into the power outlet.

Note

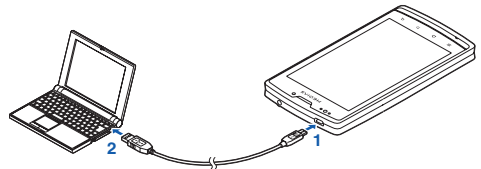
- When connecting to the microUSB connector of this product, hold the microUSB plug straight against the connector without tilting it vertically or horizontally and insert it gently.

■ About the notification LED

Notification LED turns red when charging starts in a state of battery depletion.

Notification LED turns off when the charging status icon appears.





Charging with the PC connection



- 1** Connect the microUSB plug of the supplied microUSB cable with engraved side facing up.
- 2** Connect the USB plug of the cable with your PC.

Basic Operation

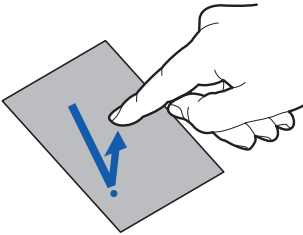
Using the front keys

-  displays the menu available for the current screen.
-  displays the Idle screen.
-  goes back to the previous screen.
-  opens Google Search when being on the Idle screen.

Using the touch panel

■ Tap

With touching and releasing your finger, the item is selected or run.

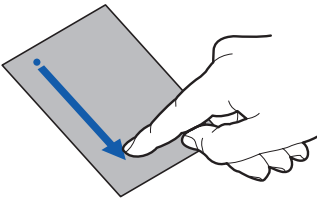


■ Touch and hold

In some screens, continuing to touch the touch panel displays a menu.

■ Slide

With sliding your finger, the screen scrolls up / down / left / right in direction.

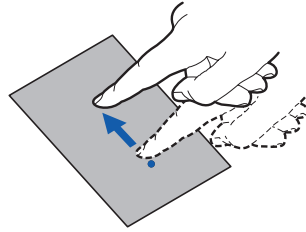


■ Drag

Quickly slide your finger while touching an item (icon, etc.) to move.

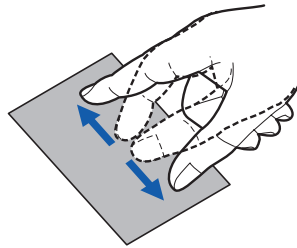
■ Flick

With quickly sliding and releasing your finger, the screen quickly scrolls in direction.



■ Pinch with two fingers

To zoom in or zoom out, touch the touch panel with two fingers, and then slide them apart or together.






Turning Power On and Off

Turning power on

Press and hold the power switch for two seconds or longer.

When the power is first turned on, tap "Aceptar". The language selecting screen appears. After tapping the language, tap "Next" twice. The "Get started !!!" screen appears.

- "Know your device": This product's appearance and parts names are shown by moving images. To view from another angle, tap "Next". When finished, the "Get started !!!" screen appears again. You can replay it when tapping .
- "Basic functions": Enables to confirm some of the basic functions. To check the following function, tap "Next". When finished, the "Get started !!!" screen appears again. You can replay it when tapping .
- "Settings": See to 'Initial Settings'.

To skip these steps, tap "Exit". You can start from "Make yourself at home" screen. Tap , "System settings", and then "Wizard".

Turning power off



- 1 Press and hold the power switch for two seconds or longer.**
- 2 Tap "Power off".**
- 3 Tap "OK".**

■ Sleep mode

When this product is not operated for a specified duration of time, the display turns off and this product enters sleep mode automatically. To enter sleep mode manually, press the power switch.



Pressing the power switch quits sleep mode.

■ Screen lock

When you turn the power on or quit sleep mode, the touch panel is locked. Drag  to  to unlock the screen.


Initial Settings

When the power is first turned on, tap "Aceptar". The language selecting screen appears.




- 1 Tap the language, and then "Next".**
- 2 Tap "Next".**
The "Get started !!!" screen appears.
- 3 Tap "Settings".**
- 4 Tap the item to set up.**
 - "Set language"
Select the language.
 - "Set date and time"
Set date and time. Also, you can select time zone, time / date display format. If you check the box of "Automatic date & time", date and time settings are automatically adjusted.
Tap "Next" to complete settings.
 - "Set up Wi-Fi"
Set Wi-Fi settings. Slide "OFF" to "ON" to turn on the Wi-Fi. A scan for Wi-Fi networks starts automatically. Tap the name of the Wi-Fi networks that you want to connect to.
Enter the password and tap "Connect".
Tap  to complete settings.
 - "Add accounts"
Tap the account type to set the account. Follow the on-screen instructions.
- 5 Tap "Exit" to complete initial settings.**
You can set these settings later. Tap , "System settings", and then select the item to set (P.44).

Access Point Settings

The access points required for connecting to the Internet are preset. You may add or change them as required.

- 1 From the Idle screen, tap  ▶ "System settings" ▶ "More..." ▶ "Mobile networks" ▶ "Access Point Names".
- 2 Tap the radio button for the access point.

Adding an access point



- 1 From the Idle screen, tap  ▶ "System settings" ▶ "More..." ▶ "Mobile networks" ▶ "Access Point Names".
- 2 Tap  ▶ "New APN".
- 3 Tap "Name" ▶ enter the name of the new network profile ▶ "OK".
- 4 Tap "APN" ▶ enter the access point name ▶ "OK".
- 5 Enter any other items requested by your network operator.
- 6 Tap  ▶ "Save".

Note

- Do not change "MCC" or "MNC". Otherwise, registered / added access points will no longer display on the screen. If access points no longer display due to the "MCC" or "MNC" setting being changed, you can either restore default settings or manually set the access points again.


Initializing an access point

When you initialize an access point, it returns to its default settings.

- 1 From the Idle screen, tap  ▶ "System settings" ▶ "More..." ▶ "Mobile networks" ▶ "Access Point Names".
- 2 Tap  ▶ "Reset to default".


Wi-Fi Settings

Wi-Fi is a function that allows you to use email and the Internet, via access points for household / corporate networks or public wireless LAN services.


- 1 From the Idle screen, tap  ▶ "System settings" ▶ "Wi-Fi".
- 2 Slide "OFF" to "ON".
A scan for Wi-Fi networks begins automatically. A list of available networks appears.
If your network does not appear, tap "SCAN" to begin a scan again.
- 3 Select the Wi-Fi network.
- 4 Enter the password when requested.
- 5 Tap "Connect".

Adding a Wi-Fi network manually

For information on using an access point, refer to the manual for the access point.



- 1 From the Idle screen, tap  ▶ "System settings" ▶ "Wi-Fi".
- 2 Slide "OFF" to "ON".
- 3 Tap "ADD NETWORK".
- 4 Enter "Network SSID" and the "Security" type.
- 5 Enter additional security information as required.
- 6 Tap "Save".

Disconnecting a connected Wi-Fi network

- 1 From the Idle screen, tap  ▶ "System settings" ▶ "Wi-Fi".
- 2 Slide "ON" to "OFF".
The password of the connected Wi-Fi network will be stored.
To delete the password, tap the connected Wi-Fi network ▶ "Forget" while the "Wi-Fi" is "ON".

Optional settings for Wi-Fi

Turn on "Wi-Fi" beforehand.

- 1 From the Idle screen, tap  ▶ "System settings" ▶ "Wi-Fi".**
- 2 Tap  ▶ "Advanced".**
- 3 Tap the item to set up.**
 - "Network notification"
Check the box for enabling.
 - "Keep Wi-Fi on during sleep"
Tap to select an item.
 - "Wi-Fi frequency band"
Tap to select an item.


Also, "MAC address" and "IP address" are displayed on the screen.

Setting an Email Account

You can use email by setting up your own account with any of the usual service providers. Details on setting up your account should be available from your provider.

- 1 From the applications list screen, tap "Email".**
- 2 Enter the email address and password ▶ "Next".**
For an email account without preset provider information, settings must be completed manually. Contact your provider for details on settings.
- 3 Follow the screen prompts to configure the account.**


■ To set another account

From the "Email" screen, tap  ▶ "Settings" ▶ "ADD ACCOUNT".


Check the box for sending email from the adding account by default.

Setting a Google or other account

By configuring a Google account, you can use Gmail, market, and other services.

- 1 From the Idle screen, tap  ▶ "System settings" ▶ "Accounts & sync" ▶ "ADD ACCOUNT".**
- 2 Tap the type of account.**
- 3 Follow the screen prompts to configure the account.**

Idle Screen

The Idle screen is the starting screen for using applications. Tap  to open the screen. You can slide the screen to move the Idle screen to a page on the right or left.



- 1 Widgets / Application shortcuts
- 2 Dock
- 3 Open the application list screen

Adding an application shortcut

- 1 From the application list screen, touch and hold the application to add.
- 2 Drag it to the desired place and release your finger.
You can also add widgets.

■ Moving a shortcut

- 1 From the Idle screen, touch and hold the shortcut to move.
- 2 Drag it to the desired place and release your finger.
To move a shortcut to another page, drag the shortcut to the right or left edge of the screen.
To move to the Dock, make space by moving the application from the Dock first.

■ Deleting a shortcut

- 1 Touch and hold the shortcut to delete.
- 2 Drag it to "Remove" at the top of the screen and release your finger.

Creating an application folder

From the Idle screen, touch and hold an application to stack it on an another application, and release your finger.

A new folder is created.

You can tap a folder to open it and access shortcuts.

Also, you can drag more applications to insert the same folder.


■ Renaming a folder

- 1 Tap the folder to rename.
- 2 Tap the title bar.
- 3 Enter a title ▶ tap "Done".


■ Deleting a folder

- 1 Touch and hold the folder to delete.
- 2 Drag it to "Remove" at the top of the screen and release your finger.
Applications in the deleted folder will also be deleted from the Idle screen.

Setting the wallpaper

- 1 From the Idle screen, tap  ▶ "Wallpaper" ▶ "Gallery", "Live Wallpapers" or "Wallpapers".
- 2 Select the item stored with the image to set.
- 3 Follow the screen to set.
 - For "Gallery", select the image to set as the wallpaper, and then drag the trimming frame to where the wallpaper will be used. Tap "CROP" to set the wallpaper.
 - For "Live Wallpapers", depending on the wallpaper, "Settings..." appears for changing the color, etc.
- 4 Tap "Set wallpaper".

■ Changing the lock screen

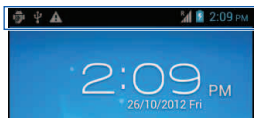
Tap  ▶ "System settings" ▶ "Security" ▶ "Custom lock screens" ▶ select the screen type ▶ .

Status Bar

Notification icons for new information are displayed on the left side of the status bar, and status icons are displayed on the right side.

You can open the Notifications panel to check the status or event notification.

Drag the status bar downwards.



Status icons

Icon	Description
	Battery level (requires charging / charging)
	Signal strength
	International roaming
	Out of service
	3G communicating / available
	GPRS communicating / available
	Airplane mode
	Wi-Fi connection
	Bluetooth is on / connected to compatible device
	Synchronizing data
	SIM card is not inserted.
	Alarm is set.
	Silent mode with vibration on / off
	Eco mode

Notification icons

Icon	Description
	New Gmail
	New Email
	New SMS / MMS message
	Failed to send SMS / MMS
	New Voicemail message
	New instant message
	Upcoming calendar event
	Alarm is snoozing.
	Music is playing.
	Unsecured Wi-Fi network is found.
	Newly received file via Bluetooth
	USB is connected.
	In call / on hold
	Missed call
	Data upload / send / export
	Data download / receive / import
	Application installation is completed. / Application update is successfully done.
	Update of installed application available
	Some notification icons are not displayed.
	Software update notification, updating
	Not available space
	Wi-Fi access point connected
	VPN is connected.
	GPS location information is set.


■ Deleting notifications

Drag the status bar downwards, and then tap "" to delete all check marked notifications, or tap the checkbox of notification to delete.

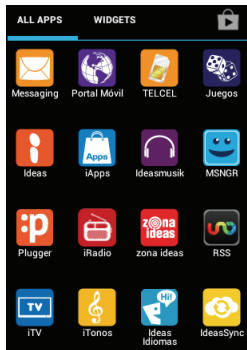
■ Closing the Notifications panel

Drag the bottom of the panel to the top.

Applications List Screen


From the Idle screen, tap .

The applications list screen appears.



■ Uninstalling an application

You can uninstall the application only installed by "Play Store".


- 1 From the applications list screen, tap  ▶ "Manage apps" ▶ "DOWNLOADED".
- 2 Tap the application to uninstall ▶ "Uninstall" ▶ "OK".
- 3 Tap "OK" to complete.

■ Adding an application shortcut to the Idle screen







From the applications list screen, touch and hold the application to add.






























The screen changes to the Idle screen, and the selected application is added.




















■ Managing an application

- 1 From the application list screen, tap  ▶ "Manage apps".
- 2 Tap an application to manage.
Information about the application will be displayed.

Applications list

Application	Description
 Messaging	(P.32)
 Portal Móvil	The Telcel service site appears.
 Juegos	The list of available games and the Telcel service site appear.
 iJuegos	The Telcel service site appears.
 Ideas	Useful applications are listed on the screen. You can switch the screen view by tapping  ▶ "grid" / "list".










Application	Description
 iApps	The Telcel service site appears.
 Ideasmusik	The Telcel service site appears.
 MSNGR	The Telcel service site appears.
 Pluggger	The Telcel service site appears.
 iRadio	The Telcel service site appears.
 RSS	The RSS list appears. Tap a RSS, then the browser opens. Your Google account is necessary for RSS.
 GPS Telcel	The Telcel service application starts.
 iTV	The Telcel service site appears.
 imágenes	The Telcel service site appears.
 iTonos	The Telcel service site appears.
 Backup	This service allows you to back up data, which can be restored in the "Phone Storage" or "SD card".
 Calculator	Flick to left / right to switch between functions and + / - / x / ÷. You can touch and hold the formula to cut / copy / paste. Tap "DELETE" to delete entered digits and operators.
 Calendar	(P.43)
 Camera	(P.40)
 Clock	(P.43)
 Contacts	(P.28)
 Navigator	(P.33)
 Downloads	Display a log of files downloaded from the browser.
 Email	(P.30)
 File manager	You can display a list of files stored in the "Phone memory" or "SD card".
 Gallery	(P.41)
 Gmail	(P.31)
 Search	You can search for contacts, applications or search web pages.
 TELCEL	It appears on the Idle screen and the application list screen after SIM card is inserted to this product.
 Google+	Register with your Google account to use Google Instant Upload. You can upload photos and videos shot by "Camera" automatically.
 Latitude	(P.39)
 Maps	(P.37)
 Play Store	(P.35)
 Messenger	Register with your Google account to use Google Messenger. You can have a conversation with a group of your friends at the same time.




















Application	Description
 Music	(P.41)
 Navigation	(P.38)
 iClubes	The Telcel service site appears.
 Phone	(P.26)
 Local	(P.38)
 Sound Recorder	You can use this to record a sound, and save it as an audio file in the phone storage or microSD card.
 Settings	(P.44)
 SetUpWizard	The "Get started !!!" screen appears when tapping "Next". You can select the language, refer to the basic functions or set up some items.
 Talk	(P.33)
 YouTube	You can watch / upload YouTube videos.
 FM radio	You can listen to the FM radio after connecting the headset (P.27).
 Chrome	Open the browser.
 Multimedia	Play a video file including recorded on this unit.
 zona ideas	The Telcel service site appears.
 ideas idiomas	The Telcel service site appears.
 ideasSync	The Telcel service site appears.
 Diamond Twister 2	Start playing the game "Diamond Twister 2".
 Plants Vs Zombies	Start playing the game "Plants Vs Zombies".
 Mi Telcel	The Telcel service site appears.

Also, the following application is displayed on the Idle screen.

Application	Description
 iTelcel	The Telcel service site appears.


Widgets list

Icon	Description
 Calendar (large)	Add a large sized calendar.
 Calendar (small)	Add a small sized calendar.
 Calendar	Display upcoming events scheduled in the calendar.
 Clock (analog)	Add an analog clock.
 Clock (digital)	Add a digital clock.
 Clock (world)	Display the local time and the time for a specified city.
 Google Search	Add a search box.
 Home screen tips	Display the help for operating the Idle screen.
 Juegos	Shortcut widget of pre-installed games

Icon	Description
 My Message	Open messages and make a call.
 Traffic	You can set locations in real-time, and update amount of time required depending on your current location.
 Weather forecast	Display the local weather forecast. You can select "Locate Automatically" or a city in the list when tapping  .
 YouTube	Search and view YouTube.
 Bookmark (2 types)	Open the list of bookmarks to be selected. After selecting a bookmark, the shortcut icon appears on the Idle screen.
 Bookmarks (2 types)	Display the list of bookmarks.
 Contact (2 types)	Open the contacts list to be selected. After selecting a contact, the shortcut icon appears on the Idle screen.
 Direct dial	Tap the icon to call to the selected contact quickly.
 Direct message	Tap the icon to show or send a message for the selected contact.
 Email	Display the inbox screen of the selected account.
 Gmail	Display the selected label in Gmail.
 Google+ posts	Share text, images, videos or links with Google+.
 Music playlist	Start the playlist.
 Photo Gallery	Display selected photos.
 Settings shortcut	Display the selected setting screen.
 Music	Display a music control panel.
 My conversations	Display the log of received or dialed call.
 Notification Widget	Report number of missed calls, unread messages / mails, and unchecked voicemails.

Task Manager

The Task manager shows the running applications and allows you to switch tasks. It also allows you to quit applications.

1 From the Idle screen, tap  ▶ "Manage apps" ▶ "RUNNING".

2 Tap the application to display.

To stop running, tap "STOP" ▶ "OK".

Note

- Running more than one application may consume more energy. Doing so may cause applications to be terminated forcibly or slow down.

Text Entry

Tap a text box on the screen to display the on-screen keyboard.

■ QWERTY keyboard

This keyboard uses a PC keyboard layout.




Also, you can tap  ▶  to select a keyboard.

■ 10-key keypad

Depending on the screen, this appears to enter numbers such as phone number.

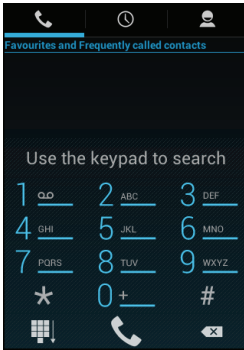








Note

- For keyboard settings, from the Idle screen, tap  ▶ "System settings" ▶ "Language & input" ▶ "XT9 Text Input" (P.46).


Calling

Making a Call



- 1 From the Idle screen, tap .
- 2 Enter the phone number.
If you enter a wrong number, tap  to delete the number.
- 3 Tap  to start the call.
To adjust the call volume, press the  /  keys.
- 4 To finish the call, tap .

■ Entering a push tone (pause)






In step 2, tap  ▶ "Add 2-sec pause" / "Add wait".

Note




- If you have set PIN1 code entry and Airplane mode, you need to enter the PIN1 code to make an emergency call.
For information about PIN1 code, see P.49.

Operations during a call


During a call, following icons appears on the screen.

- ; adds the entered number to the contact, or invites other party to the call
- ; puts the other party on the speaker.
- ; mutes your voice to the other party.
- ; holds the call.
- ; records the call.



Making an international call

- 1 From the Idle screen, tap .
- 2 Touch and hold "0" to enter "+".
- 3 Enter the country / region code ▶ area code (city code) ▶ recipient's phone number.
If the area code begins with "0", omit "0". However, "0" may be required for calling some countries or areas, such as Italy.
- 4 Tap .
- 5 To finish the call, tap .

Changing calling settings

- 1 From the phone screen, tap  ▶ "Settings".
- 2 Tap the item to set.

Receiving a Call

- 1 When a call is received, drag  to the right.
- 2 When the call is finished, tap .



Declining a call

Drag  to the left.

Quick responses


When you are not able to take a call, it helps you to send a SMS (text message) to the caller, and disconnects the call.

You can create the messages in advance or create a new message on the spot.

Drag  to  when a call is received.

Call forwarding

The Call Forwarding service forwards a call to a preset forwarding number if you do not answer the call within the preset ring time, or if the product is outside of the service area or is powered off.

From the phone screen, tap  ► "Settings" ► "Call forwarding".

If you do not answer an incoming call, the call is stored as a missed call in the log and the missed call icon appears in the status bar.

Note



- For setting each number of the item, contact your network operator or service provider.

Voicemail

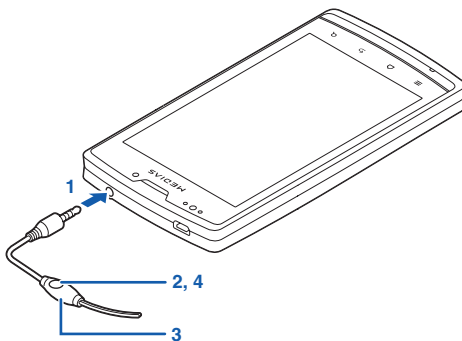
When the product receives a call, the call is connected to the Voicemail service center if not answered. The caller records a message, and you are notified that there is a message at the Voicemail service center, then you can play back the message. The predetermined number to listen to the voice mailbox is *86. And this number cannot be changed.

For more details about Voicemail service, contact your network operator or service provider.

Notes

- Calls you are unable to answer after starting the Voicemail service are recorded as Missed call in Call log, and  appears in the status bar.
-  (indicating the number of messages) appears in the status bar when a message is recorded.
- You will not receive missed call notification at all times when voicemail is enabled.
- Depending on your service provider, this function could not be usable.


Using the headset (hands-free phone)



- 1 Connect the supplied headset's plug with the earphone jack.
- 2 To answer an incoming call, press the button of the headset.
- 3 Talk using the microphone of the headset.
- 4 To finish the call, press the button of the headset.

Call Log

You can check the outgoing / incoming calls history.

1 From the Idle screen, tap .

2 Tap  ▶ "All logs" to select the item.


- "All logs"
- "All calls"
- "Dialed calls"
- "Received calls"
- "Missed calls"
- "Messages"

■ Adding a phone number from Call log to "Contacts"

Touch the entry you want to add ▶ "Add to contacts" ▶ "Create new contact" ▶ enter required items ▶ "Done".

- If multiple accounts are registered, select one from the accounts.
- If you want to select a contact already registered, just select the contact.

■ Deleting the log

Touch and hold the call log you want to delete ▶ Tap  ▶ "OK".

To delete all logs, touch  ▶ Tap "Select all" ▶ Tap  ▶ "OK".


Contacts (Phonebook)

You can add data such as phone numbers and email addresses. You can easily make a call from "Contacts".


From the application list screen, tap "Contacts".

■ Searching a contact

If a lot of contacts exist, you can find a particular contact easily by key search.

From the "Contacts" screen, tap  ▶ enter for searching.

■ Setting the "Contacts" screen

From the "Contacts" screen, tap  ▶ "Settings" ▶ select the item to change.

Creating a contact

1 From the "Contacts" screen, tap  ▶ .


2 Select the account type you want to use.

3 Enter required items such as name, number, and email address.

4 Tap "Add another field" ▶ select an item to set.

5 Tap "DONE" to complete.


■ Importing contacts from the microSD card

Tap  ▶ "Import/export" ▶ "Import from storage" ▶ "Choose vCard file".




Note

- When there is only one vCard file, importing starts immediately without "Choose vCard file" be shown.

■ Exporting contacts to the microSD card


Tap  ▶ "Import/export" ▶ "Export to storage" ▶ Select "Phone storage" / "SD card" ▶ "OK".

■ Managing contacts with the SIM card

Tap  ▶ "Manage contacts" ▶ Select "Phone / SIM" ▶ Tap  ▶ Select the contacts you want to copy ▶ Tap  ▶ "OK" if you select "Phone".

The contacts are copied.

■ Sharing visible contacts

Tap  ▶ "Import/export" ▶ "Share visible contacts" ▶ select the application used for sharing.

■ Editing the contact

1 From the "Contacts" screen, tap the name of the other contact to display.




2 Tap  ▶ select a following item to edit.

- "Edit"; displays editing screen.
- "Share"; selects an application to use for sharing the contact.
- "Delete"; deletes the contact.



- "Set ringtone"; selects a ringtone to set for the contact.
- "Join"; selects a contact to join.
- "Send contact"; opens the "Messaging" application to send.

Creating a group from contacts

After creating a group, you can send a message to all members in the group at once.


- 1 From the "Contacts" screen, tap  > .
- 2 Select an account type to create a group.
- 3 Enter the name for the group.
- 4 Tap  to select from contacts for the group.
- 5 Tap "DONE".

■ Sending a message to a group

From the "Contacts" screen, tap  > . The "Messaging" application will be opened to send.

Setting contacts as favorites

If you set contacts as favorites, you can easily select contacts on calling, sending a message, etc. You can also display the list on the favorites screen by tapping ☆ from the "Contacts" screen.

- 1 From the "Contacts" screen, tap .
- 2 Select a contact to set.
- 3 Tap ☆ to set as favorites.

Email / Browser

Email

By setting an email account, you can send and receive emails in the same way as your PC. For more details on setting the account, see P.20.

From the application list screen, tap "Email".

The "Inbox" screen appears. Any received email is displayed in the "Inbox".

■ Switching an email account



Tap the account in the title bar ▶ select an account to display.

Tap "Combined view" to display received email for all accounts.

Displaying email

From the "Inbox" screen, tap an email.

■ Replying to email

Tap  ▶ enter a message ▶ .



■ Forwarding email


Tap  ▶ "Reply" ▶ "Forward" ▶ enter the forwarding email address in "To" ▶ .

Also, you can tap  ▶ "Forward" ▶ enter the forwarding email address in "To" ▶ .


■ Deleting email



Tap .


To delete all received emails, from the "Inbox" screen, tap  ▶ "Select All" ▶ .

Also, you can tap  to delete checked box messages from the "Inbox" screen.



■ Moving email

Select an item to move to ▶ tap .


To move all received emails, from the "Inbox" screen, tap  ▶ "Select All" ▶ .

Also you can tap  to move checked box messages from the "Inbox" screen.


■ Searching email

From the "Inbox" screen, tap  ▶ enter a keyword ▶ .


■ Opening mailboxes



From the "Inbox" screen, tap  ▶ "Show all folders".


■ Refreshing the "Inbox"

From the "Inbox" screen, tap .

■ Marking email as favorites

Select an email in the list view and tap .

To mark all received emails as favorites, tap  from the "Inbox" screen ▶ "Select all" ▶ .


Also you can tap  to mark checked box messages as favorites in the "Inbox" screen.

Creating and sending email

1 From the "Inbox" screen, tap .


2 Enter each item.

3 Tap .

Before step 3, you can also set a following item for the sending message by tapping .

- "Set priority"
- "Attach file"
- "Add Cc/Bcc"
- "Add reply-to"
- "Save draft"
- "Discard"
- "Settings"

Changing email settings

1 From the "Inbox" screen, tap  ▶ "Settings" ▶ "General".

Tap an account instead of "General" to change an account setting.

2 Select a following item to set.

- "Auto-advance"
- "Message text size"
- "Reply all"
- "Ask to show pictures"
- "Save attachments to"
- "Switch Memory"

Gmail

Gmail is an email service provided by Google. You can use Gmail to send and receive email. For more details on setting a Google account, see P.20.

From the application list screen, tap "Gmail".

The "Inbox" screen appears. Any received Gmail is displayed in the "Inbox".

■ Switching a Google account

Tap the account ▶ select an account to display.

Displaying Gmail

From the "Inbox" screen, tap a message thread.

■ Replaying to Gmail

Tap ◀ ▶ enter a message ▶ ▶ .

To reply all members, tap "Reply" ▶ "Reply All". For more details about sending, refer to 'Changing Gmail settings'.

■ Forwarding Gmail

Tap "Reply" ▶ "Forward" ▶ enter the forwarding email address in "To" ▶ ▶ . For more details about sending, refer to 'Changing Gmail settings'.

■ Deleting Gmail

Tap ☰ .

Also, you can tap ☑ to delete checked box message from the "Inbox" screen.

■ Searching Gmail

From the "Inbox" screen, tap 🔍 ▶ enter a keyword ▶ 🔍 .

■ Displaying Gmail by label

From the "Inbox" screen, tap 🏷 ▶ type of label to display. To label a message, see 'Managing message threads'.

■ Refreshing the "Inbox"

From the "Inbox" screen, tap 🔄 .

Creating and sending Gmail

1 From the "Inbox" screen, tap ☰ .

2 Enter each item.

3 Tap ▶ .

Before step 3, you can also set a following item for the sending message by tapping ☰ .

- "Attach file"
- "Add Cc/Bcc"
- "Save draft"
- "Discard"
- "Settings"
- "Help"
- "Send feedback"

Managing message threads

1 From the "Inbox" screen, check the boxes.

2 Select any icon.

- ☑ ; stores the message. Stored message threads are not displayed in the "Inbox".
- ☒ ; deletes a message thread.
- 🏷 ; adds or changes the label of a message thread.
- 📧 ; displays a message thread as opened / unopened.
- ☰ ;
 - "Add star" / "Remove star"
 - "Mark important" / "Mark not important"
 - "Mute"; hides the message thread from "Inbox".
 - "Report spam"; displays the report of deleted thread by Google as spam.

■ Managing the label

From the "Inbox" screen, tap 🏷 ▶ "MANAGE LABELS" ▶ select an item to change.

Note

- Labels cannot be created on this product. Create labels on the Gmail website.

Changing Gmail settings

1 From the "Inbox" screen, tap ☰ ▶ "Settings" ▶ "General settings".

Tap an account instead of "General settings" to change an account setting.

2 Select a following item to set.

- "Confirm before deleting"
- "Confirm before archiving"
- "Confirm before sending"
- "Reply all"
- "Auto-advance"
- "Message text size"
- "Hide checkboxes"
- "Message actions"
- "Clear search history"
- "Hide pictures in messages"




Messaging (SMS / MMS)

You can send and receive text and multimedia messages with a cell phone number as the address.


You can also send with an email address.

From the application list screen, tap "Messaging".


Creating and sending Message

- 1 From the message screen, tap .
- 2 Enter the number in "To" and the message in "Type message".
To enter the number from contacts, tap .
To enter more than one recipient, enter ";" or "," between each phone number.
- 3 Tap .


■ Attaching a file for the sending message

Before step 3, tap  ▶ select an item for attaching and follow the on-screen instructions.



Replying to / forwarding Message

- 1 From the message screen, tap .
- 2 Tap the message thread to display.

■ Replying to Message

From the received message screen, enter the message ▶ tap .

■ Forwarding Message

From the received message screen, touch and hold the message ▶ tap  ▶ "Forward" ▶ enter the number in "To" ▶ tap .






■ Searching a message thread

Tap .






■ Adding to "Contacts"

Tap contact image of the received message in message list view screen or single message view screen, and then tap "OK" to add. Then tap "Create new contact" or tap a contact.

Managing message threads


- 1 From the message screen, tap .
- 2 Tap and hold the message thread to select a following item.
 - ; replies a message.
 - ; puts a tag.
 - ; deletes the message thread.
 - ; selects all message threads or cancels selected.

Managing a message


- 1 From the message screen, tap .
- 2 Tap and hold the message to select a following item.
 - ; replies a message.
 - ; puts a tag.
 - ; deletes the message.
 - ; displays following actions.
 - "Copy text"
 - "Forward"
 - "Lock" / "Unlock"
 - "View details"
 - "Select all"
 - "Deselect all"

Displaying the folder list

From the message screen, tap .




To change the folder view, tap  ▶ "Change view".

Changing Message settings

- 1 From the message screen, tap  ▶ "Settings".
- 2 Tap the item to set.

Google Talk

Google Talk is an online instant messaging service by Google. For setting the Google account, see P.20.

- 1 From the application list screen, tap "Talk".
- 2 Tap a chat member.
If there is no chat member, add a member. Tap  enter an email address ▶ "DONE" ▶ wait until your friend's accepting.
- 3 Enter a message and tap .
- 4 To finish, tap  ▶ "End chat".

■ Searching a chat member

Tap .

■ Sorting chat members



Tap  ▶ "Display options" ▶ Select the sort type.

Changing "Google Talk" settings

- 1 Tap  ▶ "Settings".
- 2 Tap the item to set.

Browser

You can browse web pages using the browser. You can browse sites via packet communication and Wi-Fi also.

- 1 Tap  on the Idle screen.
- 2 Tap the address bar.
- 3 Enter an URL or keywords.
Once you enter an URL or keywords in the address bar, a list of candidates appears.
- 4 Tap  or the web page you want to display from the list of candidates.

Note


- MicroSD card may be required to insert when downloading some content, etc.

■ Managing the browser


Tap  ▶ select a following item.

- "Refresh"
- "Bookmarks"
- "Gesture"
- "Share page"
- "Find on page"
- "Request desktop site"
- "Save for offline reading"
- "Settings"
- "Exit"

■ Using the voice search

Instead of step 3, you can search via "Search".
From the application list screen, tap "Search".
Tap  and clearly speak the keywords into the microphone.




■ Moving to the previous web page

Tap  to return to the previous page.

■ Opening or saving the link

Touch and hold the link ▶ select an item to do.

■ Copying text contents

- 1 Touch and hold on the text to copy.
If selecting the link text, select "Select text".
- 2 Drag the text to copy.
- 3 Drag  to the start position and  to end position.
- 4 Tap  ▶ "Copy" ▶ the text is copied to clipboard.
The copied text can be pasted into other applications, such as a browser search box or email. Touch and hold the text box to paste, and then tap "PASTE".

■ Saving images appearing in web pages

Touch and hold an image to save ▶ "Save image".


Using bookmarks

Bookmarking a web page allows you to quickly access that web page.

1 From the web page, tap  ▶ "Bookmarks".


2 Select a bookmarked page to open.

■ Adding a bookmark

Tap  ▶ "Bookmarks" ▶ "Add new bookmark" ▶ check / enter each item ▶ tap "OK".

You can also add a bookmark from the "HISTORY". Tap and hold the URL ▶ tap "Save to bookmarks".

■ Deleting all bookmarks

Tap  ▶ "Delete all bookmarks" ▶ "OK".

■ Changing the list view


Tap  ▶ "List view".

■ Managing a bookmark

Touch and hold a bookmark ▶ select a following item.

- "Open"
- "Open in new tab"
- "Edit bookmark"
- "Add shortcut to home"
- "Share link"
- "Copy link URL"
- "Delete bookmark"
- "Set as homepage"

Changing browser settings

1 From a web page, tap  ▶ "Settings".

2 Tap the item to set.

Google Play (Play Store)

Installing Applications

1 From the application list screen, tap "Play Store".

At the first time to open Google Play (Play Store), tap "Accept" after confirming the terms of service.

2 Tap an application to install.

3 Tap "Install" for free, or the monetary amount box for purchasing.

If you purchase at the first time, you need to set payment information (Google Wallet).


4 Tap "Accept & download" or "Accept & buy".

Downloading starts. After downloading completes, install starts.

■ Requesting refund

You can request a refund within a stipulated time after purchase. The application will be deleted, and you will not be charged for it.

You may obtain only one refund for each application. If you have previously requested and obtained a refund for a purchased application, you cannot obtain another refund for that same application after you purchase it again.

For information on payment methods and refund terms, from the Google Play (Play Store) screen, tap  ▶ "Help".

Note

- For an initial purchase by credit card, you must enter information about the credit card to use with Google Wallet. Google Wallet is a fast, secure and convenient online payment processing service. For more information on Google Wallet, refer to <http://www.google.com/wallet/>.

Deleting applications

1 From the Google Play (Play Store) screen, tap

 ▶ "My Apps".

2 Tap the application to delete ▶ "Uninstall" ▶ "OK".

Switching the account

1 From the Google Play (Play Store) screen, tap

 ▶ "Accounts".

2 Tap the account to use.

Changing Google Play (Play Store) settings

1 From the Google Play (Play Store) screen, tap

 ▶ "Settings".


2 Tap the item to set.

You can use the GPS function and compatible software to check your present location, find directions to a destination, etc.

- GPS is operated by the U.S. Department of Defense. GPS signals are subject to control adjustments (reduced accuracy, stoppage of signal, etc.) at the discretion of the Department.
- Some wireless communications products (mobile phones, data detectors, etc.) block satellite signals and cause instability of signal reception.
- The display of some maps based on location information (latitude / longitude information) may be inaccurate due to the regulations of some countries or regions.
- You may find it impossible or difficult to receive a GPS signal in the following conditions because GPS uses radio waves from a satellite.
 - Inside or immediately underneath a building
 - In a basement, tunnel, or metro
 - In a bag or box
 - In a built-up or residential area
 - In or under thick bunch of trees
 - Near a high-voltage cable
 - Inside cars or trains
 - In heavy rain, snow, or other bad weather
 - When there are obstructions (people or objects) near the product
 - When the GPS antenna section is covered by a hand etc.


Enabling the Location Service

To use the Location Service, you must enable the GPS function beforehand. You can also configure your product to find approximate location information based on information from Wi-Fi and mobile network base stations.

1 From the Idle screen, tap  ▶ "System settings" ▶ "Location services".

2 Check the box of "GPS satellites".

■ Enabling wireless network

1 From the Idle screen, tap  ▶ "System settings" ▶ "Location services".

2 Check the box of "Google's location service" ▶ "Agree".

Note

- Google Location Service gathers location information in a manner not enabling pinpointing of individuals. Gathering of location information occurs regardless of whether an application is launched.

Google Maps


You can use Google Maps display your current location, search other locations, search directions, etc. To use Google Maps, a 3G / GPRS or Wi-Fi connection enabling data communication is required. Set the Location Service on beforehand. (P.36)



From the application list screen, tap "Maps".

■ Displaying the current location


Tap .

■ Searching for a location

Tap  to enter the location.


You can save the searched location as Starred Places by tapping . After saving, you can display the starred place later by tapping  ▶ "My Places". List of "STARRED" appears. You can also display a recently searched location by tapping "RECENT".

■ Viewing Street View

Touch and hold a point to view  ▶ ▶ "Street view".


Some regions are not supported for Street View.

■ Displaying layers

Tap  ▶ the item to display information such as traffic conditions overlaid on a map, or switch to an aerial photograph.

Traffic conditions and railway lines are provided for limited regions.

■ Clearing a map

Tap  ▶ "Clear Map" to clear all displayed layers and directions search results.


Changing Google map settings

1 Tap  ▶ "Settings".

2 Tap the item to set.


Looking up directions




You can view directions to your destination.

1 While viewing a map, tap .


2 Enter the starting point in the text box above.

3 Enter the arrival point in the text box below.

You can tap  and specify a contacts address, map location, etc.

4 Tap the means ( (car) /  (public transport) /  (on foot)) ▶ "GET DIRECTIONS".

When several sets of directions are found, tap the desired directions.

If you tap , you can select transit mode and preference. Also, you can check departure time etc, and view later or earlier trips accordingly.

■ Switching the start and arrival points

Before step 4, tap  ▶ "Reverse Start & End".

Navigation

You can use audio guidance to the destination.

1 From the application list screen, tap "Navigation".

The first time you launch this application, a description of Google Maps Navigation is displayed. Tap "Accept".

2 Select "Walking" or "Driving".

3 Tap "SHORTCUTS".



Slide the screen to "CONTACTS", enter your destination from an address registered in your contacts.



Slide the screen to "STARRED", enter your destination from a location with a star added in Google Maps.

4 Select any item.


- "Speak destination"; enters your destination by voice.
- "Type destination"; enters your destination by text entry.
- "Go home"; shows the direction to your home after entering your address at first.
- "Map"; displays Google Maps.

5 Tap ▶ "Turn off voice" / "Turn on voice" for setting the voice guidance.

To display the route information, tap  ▶ "Route and alternates". Tap  or "Directions list" to confirm the route guidance in text format.

To display the route with a layer, tap  ▶ "Layers" ▶ select a layer to check ▶ . To clear any layers, tap "Clear map".

■ Exiting navigation

Tap  ▶ "Exit navigation".

Local

You can search for shops and facilities near your current location and display information. Shops and other locations that were found can be displayed in the Google Maps screen.

1 From the application list screen, tap "Local".


2 Tap a category to search.

3 Tap an item to display.

Latitude


Google Latitude enables you and your friends to view each others' locations on maps and share status updates with each other. It also enables you to send email and SMS messages, make calls and search for directions to friends' locations.


Location information is not shared automatically. You must first join Latitude and then invite friends to provide their locations, or accept invitations from friends to share your location.

For more information about Latitude, tap  from the "Latitude" screen ▶ "Help".

1 From the application list screen, tap "Latitude".


2 Tap a member to display the location.

If there is no member, add a member. Tap  ▶ "Select from Contacts" or "Add via email address" ▶ follow the on-screen instructions.

To refresh the screen, tap .

Multimedia


Camera

You can shoot photos and videos using "Camera", and they are saved to internal memory by default. To save to microSD card, tap  ► uncheck "Save to internal memory".

Shooting photos



- 1 "Camera settings"
Configures the settings for image quality, antishake, self timer, etc.
 - 2 "Tag settings"
 - 3 "Photo size settings"
 - 4 Switching camera
 - 5 Photo / video
 - 6 Brightness
 - 7 Shutter
 - 8 Zoom*
 - 9 Gallery
- * Depending on the "Photo size settings", this may not be activated.

- 1 From the application list screen, tap "Camera".
- 2 Focus the camera on the subject.
- 3 Tap  to shoot.
- 4 Tap "Save".
Before saving, you can tag, rotate, frame, etc., on the photo.



■ Hiding / showing icons

Tap  .

Shooting videos



- 1 "Video camera settings"
Configures the settings for image quality, etc.
 - 2 "Tag settings"
 - 3 "Recording size settings"
 - 4 Switching camera
 - 5 Photo / video
 - 6 Brightness
 - 7 Recording start / stop
 - 8 Zoom*
 - 9 Gallery
- * Depending on the "Recording size settings", this may not be activated.

- 1 From the application list screen, tap "Camera".
- 2 Focus the camera on the subject.
- 3 Tap  to start shooting.
- 4 Tap  to stop shooting.

■ Hiding / showing icons


Tap  .

Gallery

You can display and view the photos or videos saved on the microSD card or internal memory.

- 1 From the application list screen, tap "Gallery".
- 2 Tap a category.
- 3 Tap a photo / video to display or play.


■ Managing a photo or video

Touch and hold a photo, video, or category ▶  ▶ select a following item.


- "Delete"; deletes the photo, video, or category by tapping "Delete" again.
- "Edit"; edits the photo using icons.
- "Rotate left"; rotates the shoot photo to left.
- "Rotate right"; rotates the shoot photo to right.
- "Crop"; trims the photo.
- "Set picture as"; sets the photo as the contact icon or wallpaper.
- "Details"

While you are selecting a photo, video, or category, tap "1 selected" ▶ "Select all" to select all.

■ Slideshow

From the thumbnail list screen of "Gallery", tap .




■ Sharing files



From the thumbnail list screen of "Gallery", touch and hold a category, photo, or video to share ▶ tap  ▶ select an application for sharing ▶ follow the on-screen instructions.

Music


You can play music files saved on the microSD card or internal memory.




- 1 Album cover image
- 2 Song details
- 3 Go back to the beginning or previous song / pause / go to the next song
- 4 Specify playback position
- 5  : Indicate the song currently playing
 : Switch shuffle play mode to on / off
 : Switch repeat play mode to Repeat all / Repeat current / off

- 1 From the application list screen, tap "Music".
The category lists screen appears.
- 2 Tap a category.
To enter a text searching, tap  ▶ enter a text ▶ .
- 3 Tap an item and song to start playback.

■ Shuffle all songs

From any list screen, tap  ▶ "Shuffle all".

■ Using "Equalizer"


From the playing screen, tap  ▶ "Sound effects" ▶ "OFF" ▶ adjust an item.

■ Deleting a playing song

From the playing screen, tap  ▶ "Delete" ▶ "OK".

Using playlist

- 1 From the category lists screen, touch and hold the artist name, album name, or song name ▶ "Add to playlist".**

You can also add the playing song to the playlist by tapping  ▶ "Add to playlist" during playback.

- 2 Tap "New" or "Current playlist".**

You can add all songs in the selected item (artist or album).

■ Renaming a playlist

From the category lists screen, tap "Playlists" ▶ touch and hold the playlist to rename ▶ "Rename" ▶ enter a playlist name ▶ "Save".

■ Deleting a playlist

From the category lists screen, tap "Playlists" ▶ touch and hold the playlist to delete ▶ "Delete".

■ Deleting a song from a playlist

From the category lists screen, tap "Playlists" ▶ select a playlist ▶ touch and hold the song to delete ▶ "Remove from playlist".

Note

- To use the supplied headset to listen, connect via the supplied headset's plug (P.27).

Clock / Calendar

Clock

From the application list screen, tap "Clock".
Time, date, and the alarm are displayed.


Setting the alarm

- 1 Tap "Set alarm".
The alarm list screen appears.
- 2 Tap "Add alarm".
- 3 Check or select an item to set.
 - "Turn alarm ON": Set the alarm to operate.
 - "Time": Set the alarm time.
 - "Repeat": Set the alarm to sound at the same time on each day.
 - "Ringtone": Set the alarm sound.
 - "Label": Assign a label to the set alarm.
- 4 Tap "OK".

■ Stopping the alarm

Tap "Dismiss". If you tap "Snooze", the alarm sounds again according to the "Snooze duration" setting.

■ General setting for the alarm

From the alarm list screen, tap  ▶ "Settings" ▶ the item to set.

Calendar

You can manage your schedule by synchronizing with an online calendar provided by Google or other service. You must configure a Google account beforehand. (P.20)

From the application list screen, tap "Calendar".

The "Calendar" screen appears.

■ Switching the calendar display

Tap the date on the top of the screen ▶ the item.



Creating a schedule

- 1 From the "Calendar" screen, touch and hold the date ▶ "New event".
- 2 Set each item ▶ "DONE".


■ Editing an event

Tap an event to edit ▶  ▶ change an item ▶ "DONE".


■ Searching an event

From the "Calendar" screen, tap  ▶ "Search".
Enter the event name and tap .


■ Deleting an event

Tap an event to delete ▶  ▶ "OK".

Synchronizing with Google or other calendar

- 1 From the "Calendar" screen, tap  ▶ "Calendars to display".
- 2 Tap the box to check for synchronizing ▶ "Calendars to sync".
- 3 Tap "OK".

Changing calendar settings

- 1 From the "Calendar" screen, tap  ▶ "Settings" ▶ "General Preferences".
- 2 Tap the item to set.

Settings

Setting List

From the application list screen, tap "Settings".

Wi-Fi (P.19)

For Wi-Fi settings, refer to P.19.

Bluetooth (P.48)

For Bluetooth communication, refer to P.48.

Data usage

Mobile data

To disable mobile data, slide "ON" to "OFF".

More...

Airplane mode

All wireless functions such as phone calls, packet communication are disabled.

VPN (P.49)

Tethering & portable hotspot

USB tethering

Turn on / off. You can tether to your PC using a microUSB cable to share the Internet connection. During "USB tethering", tethering is disabled if you select ▶ "System settings" ▶ "Developer options" ▶ uncheck "USB Debugging".

Portable Wi-Fi hotspot

Turn on / off. You can share the internet connection with one or more PCs, or other devices.

Configure Wi-Fi hotspot

Help

Wi-Fi direct

Wi-Fi direct settings

Mobile networks (P.47)

Data enabled

To ensure immediate data connection after checking the box of "Data enabled", restart this product.

Data roaming (P.47)

Network Mode

Access Point Names

Network operators

Ringtones and profiles

Standard

Meeting

Silent

Outdoor

Office

Home

Create profile

Display

Brightness

Wallpaper

Auto-rotate screen

Set whether the display switches automatically according to the orientation of this product.

Sleep

Set the time until the screen back light turns off. About five seconds after the backlight turns off, you can press the power switch to turn it on again.

Note

- When the battery level becomes low, "Brightness" automatically sets to its minimum to conserve power.

Storage

Total space

The capacity of this product or the microSD card is shown.

Unmount / Mount SD card

To cancel recognition or make the microSD card recognizable by the product so that the microSD card can be removed safely, set to "Unmount SD card".

Erase SD card

Format the microSD card. Note that formatting erases all contents on the microSD card. Before setting, set "Unmount SD card" first.

Battery

You can check the battery consumption.

eco mode

eco mode

If you set "Auto", eco mode switches automatically according to the battery level.

eco mode option settings

When you set "eco mode" to "ON" or "Auto", you can set the below items.

Brightness

Screen timeout

Turn OFF Bluetooth

Turn OFF Wi-Fi

Unuse GPS satellites

Stop sync

Stop live wallpapers

Auto setting

If you set "eco mode" to "Auto", set the battery level at which eco mode turns on automatically.

About

Display information about eco mode.

Apps

DOWNLOADED

ON SD CARD

RUNNING

ALL

Accounts & sync

You can configure accounts for online services such as Microsoft® Exchange ActiveSync®, to synchronize data as well as exchange data between the product and servers for the various services. If set to synchronize automatically, the product is automatically updated with update information via the web.

For details on adding an account, see P.20.

Location services

Google's location service (P.36)

GPS satellites (P.36)

Location & Google search

Security

Screen lock

Configure to enter the unlock security code for unlocking the screen.

Custom lock screens (P.21)

Owner info

Set up SIM card lock

Lock SIM card

Change SIM PIN (P.49)

Make passwords visible

Set to display characters when entering a password.

Device administrators

Unknown sources

Trusted credentials

Permit access to safe certificates and other credentials information.

A credential information storage password must be set beforehand.

Install from SD card

Install an encrypted certificate from a microSD card.

Clear credentials

Delete all credentials information and reset the credentials information storage password.

Language & input

Language

Spelling correction

Personal dictionary

You can add any words to the dictionary, which are then displayed as conversion candidates when entering text with the Android keyboard.

Default

Google voice typing

Select input languages

Block offensive words

XT9 Text Input (P.25)

Configure settings for the keyboard.

Languages and settings

After checking the box of the language, tap "Keyboard Input". The keyboard input settings screen appears. Configure settings for layouts, key input, etc., of the keyboard.

Preferences

Configure settings for text input.

About

See the version and copyright of TX9 Text Input.

Voice Search

Language

SafeSearch

Block offensive words

Text-to-speech output

Google Text-to-speech output

Speech rate

Configure the text reading out speed.

Listen to an example

Pointer speed

Backup & reset

This allows you to configure backup for Google applications if you reset the product.

Back up my data

This backs up application data, Wi-Fi passwords, and other settings to Google servers.

Backup account

Automatic restore

When reinstalling applications, restore backed up settings and data.

Factory data reset

Delete all data and return to the state at the time of purchase. The default password is 1234.

Change factory password

The default password is 1234.

Date & time

Automatic date & time

The date and time are adjusted automatically.

Automatic time zone

Set date

Set time

Select time zone

Use 24-hour format

To set the clock to the 24-hour display, check the box.

Select date format

Accessibility

Configure user-aide applications which react with sound or vibration when operated.

Accessibility applications are not registered at time of purchase. You must download and install compatible applications beforehand from Google Play or other sites before you can set "Accessibility".

Power button ends call

Set to end a call by pressing the power switch. However, in sleep mode, this does not end a call, and instead cancels sleep mode.

Auto-rotate screen

Speak passwords

Touch & hold delay

Install web scripts

Developer options

These settings are mainly for the developers purpose.

USB debugging

Development device ID

Stay awake

The screen will not be sleep mode while charging.

Allow mock locations

Desktop backup password

Strict mode enabled

The screen flashes when an application is operated for a prolonged time on a main thread.

Pointer location

Show touches

Show screen updates

The updated area on the screen is flashed.

Show CPU usage

Force GPU rendering

Window animation scale

You can select the window animation scale.

Transition animation scale

You can select the transition animation scale.

Don't keep activities

Background process limit

Show all ANRs

About phone

System updates

Update now

Confirmation of update

Auto update

Auto download

Status

Check the battery level, battery status, etc.

Legal information

The open source licenses and Google usage agreement appears.

Model number

HW version

Android version

Baseband version

Kernel version

Build number

Wizard

The "Get started !!!" screen appears. See 'Turning Power On and Off' (P.18).

Mobile Networks

This product is configured to automatically detect and switch the network mode, operator, etc., by default, but you can also manually switch.

- 1 From the "Settings" screen, tap "More..." ▶ "Mobile networks".
- 2 Tap "Network Mode" ▶ select the item to check the network mode.


■ Setting an operator


After step 1, tap "Network operators" ▶ "Select automatically" or the network of the operator you want to use. The operator names that are displayed vary depending on the setting of the "Network Mode".

■ Enabling data roaming

Check the box of "Data roaming" ▶ "OK".

■ Switching access points

After step 1, tap "Access Point Names" ▶  ▶ "New APN".

Set each item to create. After setting each item, tap  ▶ "Save" ▶ the created access point.

Bluetooth

Connect with a Bluetooth compatible device via Bluetooth communication. You can connect a wireless headset, wireless audio device, etc.

There is no guarantee that this product is capable of wireless communication with all types of Bluetooth devices.

For information about the settings and operation procedures, see also the instruction manual of the Bluetooth compatible device.

Precautions when using Bluetooth devices

Note the following in order to ensure a good connection.

- Connect with another Bluetooth device within about a 10 m viewable distance. Depending on surroundings (walls, furniture, etc.) and building structure, the connectable distance may be shorter. The connectable distance will also be shorter if an obstacle is between this product and the other Bluetooth device. You may be unable to establish connection if this product and the device are located on opposite sides of walls containing metal rods, such as on upper and lower stairs or in adjoining rooms, especially in a building made of reinforced concrete.

Also note that the above connection distances are not guaranteed.

- Connect this product distanced from other devices (electric product, AV equipment, OA equipment, etc.) as much as possible. (Since the product can easily be affected by a microwave oven in use, distance the product as far away as possible.)
If the product is brought closer when another device is on, it may be unable to connect normally, or may be a cause of television and radio noise or interference (television picture may be unclear for particular UHF or satellite channels).
- If you cannot connect normally due to a nearby broadcasting station, wireless transmitter, etc., change the location of the partner Bluetooth device. You may not be able to connect normally if surrounding radio waves are too strong.
- You can establish a wireless connection while a Bluetooth device is in a bag or pocket. However, if your body is located between the Bluetooth device and the product, decreased communication speed or noise may occur.

Bluetooth devices and wireless LAN (IEEE 802.11 b/g/n) use the same frequency band (2.4 GHz). If you use the product or Bluetooth device near a device equipped with a wireless LAN, radio wave interference may occur and can result in decreased communication speed, noise, poor connection, etc. If this happens, do the following.

- Keep the product and a Bluetooth device in wireless connection at least 10 m from a wireless LAN.
- Turn off a wireless LAN when used within 10 m.

The radio waves emitted by a Bluetooth device may affect operation of medical electronics or other equipment. Since it may cause an accident in some circumstances, turn off the product and any nearby Bluetooth devices in the following places.

- Trains
- Airplanes
- Hospitals
- Locations near automatic doors and emergency alert devices
- Places with ignitable gas, such as petrol stations

Connecting to a Bluetooth device

To connect with another Bluetooth device and exchange data, first carry out pairing (connection setting) with the other Bluetooth device and then connect.

Some Bluetooth devices only pair, and some Bluetooth devices proceed all the way to connection.

Turn on the partner device's Bluetooth function and check that it is connectable beforehand.

1 From the "Settings" screen, tap "Bluetooth".

2 Slide "OFF" to "ON".

Scanning starts and a list of available Bluetooth devices appears.

3 Tap the Bluetooth device to communicate with.

Connection may be established with this procedure, depending on the Bluetooth device.

4 Tap "Pair", or enter the passkey (PIN).

■ Rename the paired Bluetooth device

Tap  ▶ "Rename" ▶ type the new name ▶ "OK".

■ Canceling the pairing

Tap  ▶ "Unpair".

Connecting to a VPN

A VPN (Virtual Private Network) is a technology allowing a connection externally to information on a protected local network, such as in a corporation or university. When configuring VPN connection from this product, obtain security information from the network administrator.

Adding a VPN

- 1 From the "Settings" screen, tap "More..." ▶ "VPN".
- 2 Tap "OK" ▶ set a lock screen PIN or password.
- 3 Tap "Add VPN network" ▶ the VPN type to add.
- 4 Follow the administrator's instructions to configure each item of the VPN setting.
- 5 Tap "Save".

Connecting to a VPN

- 1 From the "Settings" screen, tap "More..." ▶ "VPN".
- 2 Tap the VPN to connect.
- 3 Enter the required information ▶ "Connect".

■ Disconnecting from a VPN

Open the Notifications panel and tap the notification for the VPN connection ▶ the connected VPN.

Security Code

Some features require security codes to make various functions more convenient. These include a password for locking this product and a network security code for network services. By using different codes for different purposes, you can get the most out of this product.

Precautions for all security codes

Avoid setting security codes using your birthday, part of your phone number, your address or room number, "1111" or "1234" that can be easily guessed by others. Be sure to write down the security codes and store them in a safe location.

PIN1 code / PIN2 code

The SIM card has two settable security codes, PIN1 code and PIN2 code.

PIN1 code is a 4- to 8-digit number (code) that is entered to confirm the user when the SIM card is inserted in this product, or when the product power is turned on. It is intended to prevent unauthorized use. Entering PIN1 code makes the product operable.

PIN2 code is a 4- to 8-digit number required when using the user certificate, such as when requesting issue.

Note

- In general, if you enter the incorrect PIN1 / PIN2 code 3 times consecutively, the PIN1 / PIN2 code is locked. Unlock using PUK code. However, note that the number of times you are allowed to enter the incorrect codes depends on the SIM card type.

Enabling the SIM's PIN

Set to require entry of the PIN1 code when the power is turned on.

- 1 From the "Settings" screen, tap "Security" ▶ "Set up SIM card lock".
- 2 Check the box of "Lock SIM card" ▶ enter the PIN1 code ▶ "OK".

■ Changing the PIN1 code

After step 1, tap "Change SIM PIN" ▶ enter the current PIN1 code ▶ "OK" ▶ enter the new PIN1 code ▶ "OK" ▶ enter the new PIN1 code again ▶ "OK".

PIN unblocking key (PUK)

The PIN unblock key (PUK) is an 8- digit number used to unblock the PIN1 / PIN2 code. You cannot change the key yourself.

In general, if you enter the incorrect PUK code 10 times consecutively, the SIM card is locked.

However, note that the number of times you are allowed to enter the incorrect PUK code depends on the SIM card type. If this happens, please contact your mobile phone company for support.

File Management

Connecting a PC

You can read and write data on a microSD card from the connected PC.

1 Connect to a PC using the microUSB cable. (P.16)

The "USB Mass Storage" screen appears.

2 Tap "Turn on USB storage" ▶ "OK".

■ Disconnecting the microUSB cable from the PC

Tap "Turn off USB storage". Then, you can disconnect the microUSB cable from the PC.

Note

- Connect the USB plug of the microUSB cable for PC connection directly to the USB port of the PC. If the cable is connected via a USB hub or USB extension cable, a malfunction may occur.

Appendix

Troubleshooting

- First, check whether the software update is required. If required, update the software.
- If a symptom does not improve after its cause has been identified, refer to the web site (<http://www1.medias.net/mx>) or contact the shop of purchase.

■ Power supply

Power does not turn ON.	
• Is the battery pack inserted correctly?	P.16
• Is the battery pack charged?	P.16

■ Charging

Cannot charge.	
• Is the battery pack inserted correctly?	P.16
• Is the AC charger plug securely connected to the power outlet?	P.16
• If you are using the microUSB cable for PC connection, is the PC powered on?	P.16
• If you make a call, perform data communication, or use some other function for a long time while charging, this product may become hot and charging may be stopped. In this case, charge again after the product cools down.	—

■ Operation of the product

The product becomes hot during operations or charging.	
• The product, battery pack, or AC charger may become hot during operations or charging, or if you use the camera function for a long time while charging. This is not a safety hazard, so you can continue to use them.	—

Battery pack usage time is short.	
• Has the product been out of the network service area for a long time? As this product searches for radio waves in order to enable communication when out of the network service area, more electricity is consumed than usual.	—
• The battery pack usage time varies depending on the usage conditions and the degradation level.	—
• The battery pack is a consumable. The available usage time shortens every time the battery pack is recharged. If the usage time significantly reduces compared to the time of purchase even if the battery pack is fully charged, purchase the specified battery pack.	—


Power turns off or automatic restart occurs.	
• If the battery pack terminal is dirty, the contact may become poor and the power may be turned off. If dirty, wipe the battery pack terminals with, for example, a dry cotton swab.	—

No operation occurs by tapping or pressing a key.	
• Is the power turned off?	P.18
• Is sleep mode set? Press the power switch to cancel sleep mode.	P.18
• Is the screen locked?	P.18
• Are you touching the touch panel correctly?	P.17

Tapping does not work properly.	
• Do you tap the screen with gloved hands?	—
• Do you tap with the tip of a fingernail, or is there any foreign matter between your hand and the screen?	—
• Is the display covered with a protective sheet? Some types of protective sheets prevent correct operation.	—



Screen response to tapping or key pressing is slow.	
• The screen response may slow down if large amounts of data are saved in this product or transferred between the product and the microSD card.	—


The SIM card is not recognized.	
• Is the SIM card inserted in the right direction?	P.15


The clock shows the wrong time.	
• If power is kept on for a prolonged time, the clock may show the wrong time. Tap  to check "Automatic date & time" in "Date & time" from "System settings", and restart the product in a location with good reception.	–

■ Telephone call

The ringtone does not sound.	
• Is this product in "Silent" mode or "Meeting" mode?	P.44
• Is the ringtone volume set to its minimum? Set the volume on "Ringtones and profiles" from "System settings".	–
• If you cover the proximity sensor with your hand, the ringtone volume may be lower.	P.14

 does not display or nothing displays during a call.	
• If  does not display after cancelling the sleep mode, the proximity sensor may be covered by the protection sheet, etc. Do not cover the sensor.	P.14

Cannot make a call with  shown	
• Are you out of the service area or in a place with poor signal strength? Check on the Status Bar.	P.22

Cannot make a call ( does not disappear when you move, or calls cannot be made or received even when the radio wave is strong enough)	
• Turn the power off and then on, or remove and reinsert the battery pack or the SIM card.	P.15, 16, 18
• You may not be able to make or receive calls, depending on the type of radio signal, even when it indicates otherwise. Move to another place and call again.	–
• Depending on how congested the radio waves are, it may be difficult to establish a connection in crowded places due to a congestion of calls and emails.	–

■ Screen

The display is dim.	
• Has the time set with "Screen timeout" elapsed?	P.45
• Is the product in "eco mode"?	P.45
• Has "Brightness" setting changed?	P.44
• Is battery level low?	P.44


■ Sound

During a voice call, the other party's voice is difficult to hear or is too loud.	
• Has the call volume been changed?	P.26

■ Camera

Photos and videos shot with the camera are blurred.	
• Check whether the lens is cloudy or has dirt on it.	–

■ Using overseas

This product becomes unusable while overseas ( is displayed).	
• The product may become usable by rebooting.	–

Data communication is not available while overseas.	
• Activate "Data roaming".	P.44

No caller ID is displayed / A notified caller ID is different from that of the caller / Functions that use Contacts data or caller ID notifications do not work.	
• Even when a caller notifies the caller ID, it is not displayed on the product unless notified from the network or network operator used. And, a notified caller ID may be different from that of the caller by some networks or networks operators you use.	–

■ Data management

Data transfer is not working.	
• Are you using a USB hub? If you use a USB hub, data transfer may not work properly.	P.51

■ Bluetooth function

The product cannot find or connect to a Bluetooth enabled device.	
<ul style="list-style-type: none"> Put the Bluetooth enabled device (commercial) on standby and register it. If you want to delete a registered device and register it again as a new device, you must delete the registered device from both the Bluetooth enabled device (commercial) and the product before you register it again. 	P.48

Error message

"Type PUK code to unlock SIM card" and "Password incorrect, SIM is locked! PUK2 requested."	
<ul style="list-style-type: none"> This message appears when you turn on the power while PIN1 code is locked. Tap "Emergency call" and enter " **05* [PUK code]* [New PIN1 code]* [New PIN1 code] #". 	—
<ul style="list-style-type: none"> This message appears if you turn on the power or attempt to perform an operation related to the SIM card while the PIN unblocking key is locked. 	—

Warranty and After-Sales Service

Warranty

- Be sure to receive a Warranty Guide at the time of purchase of this product. Read the contents of the Warranty Guide, confirm information such as the 'Shop name and date of purchase' and keep it in a safe place. If necessary items are not described, immediately contact the shop of purchase.

The warranty for free repair is valid for 1 year about this product and accessories, and 6 months about the battery pack from the date of purchase.

- This product and its accessories are subject to modification, in part or whole, for improvement without prior notice.
- Data saved in your contacts, etc., may be modified or lost due to malfunction, repair or other handling of this product. You should therefore make a copy of your contacts data, etc., as a precautionary measure. If you have this product repaired, most of the previously downloaded data will not be transferred to the repaired product, as prohibited by the Copyright Act.

* You can back up contact data from this product to a microSD card.

After-sales service

For problems with your product

Before requesting repairs, read 'Troubleshooting' in this instruction manual. If the problem still persists, contact the shop of purchase or a Call Center on the Warranty Guide, or see information on the website.

Note that it may take some days to repair the product depending on the malfunction state.

During the warranty period

- This product is repaired at no charge under the conditions of the warranty.
- Make sure to bring the warranty for repair. You will be charged even during the warranty period if the warranty is not presented or the trouble or damage is caused by your inappropriate handling (such as damage to LCD or connector, etc.)
- You will be charged even during the warranty period if malfunction is caused by the use of devices and consumables other than those specified.

Repair may not be possible in the following cases:

- When a repair counter judges the cause of malfunction is exposure to water (Example: when wet-indication sticker reacts)
 - When, as a result of inspection, corrosion is found due to exposure to water, condensation or sweat, or any of the internal boards are damaged or deformed (damage to the microUSB connector or LCD or cracked body could be the case as well)
- * Since these conditions are outside the scope of the warranty, any repairs, if at all possible, will be charged.

After expiration of the warranty

All repairs that are requested are charged.

Precautions

Never modify this product or accessories.

- Doing so may result in fire, injuries, or malfunctions.
- The modified product may be repaired only if the owner agrees that all modified parts are restored to the original condition. However, repairs may be refused depending on the modifications.

The following cases may be considered as modifications.

- A sticker on portions such as of the LCD or keys.
- Decorations attached to this product using adhesion bond, etc.
- Parts such as the exterior, changed to other than standard.
- Malfunction and damage due to modifications will be repaired at the owner's expense, even if the warranty period is still effective.

The model plate must not be removed from this product. The model plate certifies that this product satisfies technical standards.

It should be noted that if the plate is removed or is replaced with a different plate, and the original model plate cannot be verified, it may disqualify the product from repairs due to not being able to determine the technical standards of that particular phone.

Note that the settings and other information may be reset (cleared) as a result of malfunction, repair or other handling of the product. In this case, make the settings again.

When the repair is executed, MAC address of Wi-Fi / Bluetooth address in the product may be changed regardless of repaired part.

Magnetic components are used in parts of this product as described below. Do not allow credit cards or other devices that are vulnerable to magnetism to come into contact with the phone.

Parts where magnetic components are used: area under camera, speaker, earpiece, and around mouthpiece

If the inside of the product becomes wet or moist, immediately power off the product, remove the battery pack, and then notify a service center on the Warranty Guide as soon as possible.

However, note that we may not repair the product depending on the extent of the damage.

Memory dial (Contacts) and downloaded data

When you update or repair this product, data that has been imported, downloaded, or created by you may be changed or lost. NEC de México, S.A. de C.V. shall have no liability for any change or loss of any kind.

Under some circumstances, NEC de México, S.A. de C.V. may replace your product with its equivalent instead of repairing it. The data stored in your product will not be transferred to the new product (some of the data may be able to be transferred).

Specifications

■ Phone

Operating frequency range	WCDMA	Band1 Transmitter (TX): 1922.40 to 1977.60 MHz Receiver (RX): 2112.40 to 2167.60 MHz Band2 Transmitter (TX): 1852.40 to 1907.60 MHz Receiver (RX): 1932.40 to 1987.60 MHz Band5 Transmitter (TX): 826.40 to 846.60 MHz Receiver (RX): 871.40 to 891.60 MHz
	GSM850	Transmitter (TX): 824.20 to 848.80 MHz Receiver (RX): 869.20 to 893.80 MHz
	EGSM900	Transmitter (TX): 880.20 to 914.80 MHz Receiver (RX): 925.20 to 959.80 MHz
	DCS	Transmitter (TX): 1710.20 to 1784.80 MHz Receiver (RX): 1805.20 to 1879.80 MHz
	PCS	Transmitter (TX): 1850.20 to 1909.80 MHz Receiver (RX): 1930.20 to 1989.80 MHz
Extent of the precision frequency	WCDMA	Not exceed \pm (0.1 ppm + 10 Hz)
	GSM, DCS, PCS	Not exceed \pm 0.1 ppm
CPU		MSM7227A (1 GHz)
Transmitting output	WCDMA	250 mW
	GSM	2 W
	DCS, PCS	1 W
Operating temperature		5 °C to +40 °C 5 °C to +35 °C (while charging)
Relative humidity		45% to 85%
Dimensions		Approx. 125 mm (height) × 68 mm (width) × 11.5 mm (thickness)
Weight (\pm 1 g)		Approx. 174 g (with the battery pack)
Memory	ROM	4096 MB
	RAM	512 MB
Display	Type	TFT 262,144 colors
	Size	Approx. 4.0 inches
	Pixels	153,600 pixels (320 × 480 dots)
Image pickup device	Type	CMOS
	Size	1 / 5 inch
	Effective pixels	Approx. 3.0 million pixels
Camera	Recorded pixels (maximum)	Approx. 3.0 million pixels
	Digital zoom	Approx. 2 times max.
Recorder	Number of photos that can be recorded	When recorded in the microSD card (2 GB): Approx. 9,999 photos max. ¹
	Continuous photo shooting	Shooting interval 0.04 / 0.1 seconds: 5 to 25 photos; Shooting interval 0.5 / 1 / 2 seconds: 5 to 100 photos
	Photo file format	JPEG
	Video recording time	When recorded in the microSD card (2 GB): Approx. 1,162 minutes max. ²
	Video file format	MP4
Wireless LAN ³	IEEE802.11b/g/n (2.4GHz band) compliant	
	Operating frequency range	2412 to 2472 MHz (802.11 b/g/n)
	Transmitting output	10 mW

Bluetooth	Operating frequency range	Transmission and reception : 2402 to 2480 MHz
	Transmitting output	Maximum 1 mW
	Compliant version	Bluetooth Specification Version 3.0 + HTP compliant ^{*1}
	Power	Bluetooth Specification Power Class 2
	Line-of-sight communication distance ^{*5}	Up to approx. 10 m
	Compliant profile	HSP, HFP, A2DP, AVRCP, OPP, PBAP, PAN, GAP, GAVDP, BNEP, MAP, HID, BPP, FTP

*1 This is the maximum number of photos that can be saved to 1 folder, when Size = VGA (640 × 480) and Quality = Normal (file size = 95 KB).

*2 This is the recording time per video under the following conditions: Size = QCIF (176 × 144), Quality = Normal

*3 The wireless LAN of this product has received Wi-Fi certification.

*4 It is confirmed that this product and all Bluetooth devices are compliant with Bluetooth standards designated by Bluetooth SIG, and they are authenticated. However, procedures may differ or data transfer may not be possible depending on the device's characteristics or specifications.

*5 The available connection distance may be much shorter, depending on the ambient environment (wall, furniture, etc.) or building structure.

■ Battery pack

Product name	Battery pack N1103WB
Battery type	Lithium ion battery
Nominal voltage	3.7 V DC
Nominal capacity	2260 mAh

Note

- Specifications of this product and other supplied devices may be changed without notice.

Radio Frequency (RF) Signals

The operation of this equipment is subject to the following two conditions:

- (1) It is possible that this equipment or device may not cause harmful interference, and
- (2) The equipment or device must accept any interference, including interference that may cause undesired operation.

THIS MODEL PHONE MEETS THE U.S. GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone contains a radio transmitter and receiver. Your phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR).

The SAR limit set by the FCC is 1.6 W/kg.*

Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the U.S. government-adopted requirement for safe exposure. The tests are performed on position and locations (for example, at the ear and worn on the body) as required by FCC for each model. The highest SAR value for this model phone as reported to the FCC when tested for use at the ear is 0.68 W/kg, and when worn on the body, is 1.39 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the U.S. government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this phone is on file with the FCC

and can be found under the Display Grant section at <http://www.fcc.gov/oet/ea/fccid> after search on FCC ID A98-JDM2910.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product, or when used with an accessory that contains no metal and that positions the handset a minimum of 1.0 cm from the body.

Non-compliance with the above restrictions may result in violation of FCC RF Exposure guidelines.

* In the United States, the SAR limit for wireless mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. SAR values may vary depending upon national reporting requirements and the network band.

FCC Regulations

This mobile phone complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This product may not cause harmful interference, and (2) this product must accept any interference received, including interference that may cause undesired operation.

This mobile phone has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This product generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this product does cause harmful interference to radio or television reception, which can be determined by turning the product off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the product and receiver.
- Connect the product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Intellectual Property Right

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Others

- This product is licensed in compliance with the MPEG-4 Visual Patent Portfolio License. You are allowed to use it for private nonprofit purposes and only when:
 - Recording moving pictures that are compliant with the standard of MPEG-4 Visual (hereinafter referred to as MPEG-4 Video)
 - Playing MPEG-4 Videos recorded personally by consumers not engaged in profit activities
 - Playing MPEG-4 Video supplied from a provider licensed by MPEG-LA
 When using the product for any other purpose, such as commercial promotion, internal use or profit, contact MPEG LA, LLC of the U.S.
- The Bluetooth word mark and logos are owned by the Bluetooth SIG, INC. Other trademarks and trade names are those of their respective owners.

Notational conventions for Windows

The abbreviations of operating systems below are used in this manual.

- Windows 7 stands for Microsoft® Windows® 7 (Starter, Home Basic, Home Premium, Professional, Enterprise and Ultimate).
- Windows Vista stands for Windows Vista® (Home Basic, Home Premium, Business, Enterprise and Ultimate).
- Windows XP indicates the Microsoft® Windows® XP Professional operating system or Microsoft® Windows® XP Home Edition operating system.

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For information on GPL and LGPL, from the Idle screen, tap ▶ "System settings" ▶ "About phone" ▶ "Legal information" ▶ "Open source licenses".