Starting an Application

1 Home screen ▶ "Apps"

2 Tap an icon

The tapped application starts.
Icons stored in a folder can be displayed by tapping on the folder.

Main Applications

The preinstalled applications are shown as below.

Icon	Application	Overview
	Friends Note	"Friends Note" can manage Native Address Book of your phone and multiple social networking services in just one application.
	auスマートパス (au Smart Pass)	You can enjoy as many applications as you want from among over 500 apps by ¥390 (including tax) per month! Also coupons, presents, photo storage and security apps are available. Please enjoy your safety and comfortable smartphone life!
	au Market	You can install Android-based applications offered with au Smart Pass service.
	LISMO Player	Plays music or checks information on the music using the LISMO Player. Moreover, try listening it and purchase the investigated music.
	au Wi-Fi 接続ツール (au Wi-Fi connection tool)	Connects to a Wi-Fi network easily in an area where au Wi-Fi SPOT is available. Also, you can set Wi-Fi® easily with a wireless LAN (Wi-Fi®) access point on which "Simple connection" is available.
	リモートサポート (Remote Support)	Call for technical supports on the phone operations by sharing the screen that you are watching with au operators.
	3LM Security	Lock the product's operations remotely in case of loss of your product.
	Facebook	Access Facebook.
	GREE MARKET	This application allows you to browse games and other content provided by GREE. You do not need a GREE account in order to use this application.

Using au Disaster Countermeasure Application

au災害対策 (au Disaster Countermeasure) application enables you to use Disaster Message Board, Emergency Rapid Mail (Earthquake Early Warnings, Disaster and Evacuation Information, tsunami warnings), and Disaster Voice Messaging Service.

1 Home screen ▶ "Apps" ▶ "Security/Support" ▶ "au災害対策 (au Disaster Countermeasure)"

au disaster countermeasure menu is displayed.

Using Disaster Message Board

Disaster Message Board is a service that enables people to register their safety information from disaster areas via LTE NET when large-scale disaster such as earthquake with intensity of over 6 lower occurs.
Registered safety information can be confirmed from au phones, other company's phones, and PCs.
For details, refer to "災害用伝言板サービス (Disaster Message Board service)" on au website.

1 "au災害対策 (au Disaster Countermeasure)" ▶ "災害用伝言板 (Disaster Message Board)"

Follow the on-screen instructions to register and confirm.
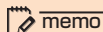
memo

- An e-mail address (@ezweb.ne.jp) is required to register safety information. Set up e-mail address beforehand. For details on settings of an e-mail address, refer to "Setting Guide".
- While wireless LAN (Wi-Fi®) is connected, deleting and changing the settings of safety information e-mail is not available.

Using Emergency Rapid Mail

The Emergency Rapid Mail is a service that distributes Earthquake Early Warning and tsunami warnings provided by Japan Meteorological Agency, or Disaster and Evacuation Information provided by national/local governments to all au cell phones in specified areas simultaneously.
The "受信設定 (receiving setting)" for Emergency Rapid Mail (Earthquake Early Warning or Disaster and Evacuation Information) is set to "受信する (receive)" at the time of purchase. The "受信設定 (receiving setting)" for tsunami warnings can be set on the "災害・避難情報 (Disaster and Evacuation Information)". When you receive Earthquake Early Warning, ensure your safety and take proper action according to the situation around you.
When you receive tsunami warnings, leave sea coast immediately and evacuate to safe places such as hills and substantial tall buildings.

1 "au災害対策 (au Disaster Countermeasure)" ▶ "緊急速報メール (Emergency Rapid Mail)"

Inbox is displayed.
Select a mail to view detailed information.

削除 (Delete)		Delete a received mail.
設定 (Setting)	受信設定 (Receive option setting)	緊急地震速報 (Earthquake Early Warning): Set if receive Earthquake Early Warning.
		災害・避難情報 (Disaster and Evacuation Information): Set if receive Disaster and Evacuation Information and tsunami warnings.

設定 (Setting)	通知設定 (Notification settings)	音量 (Volume): Set ringtone volume when receiving a mail.
		バイブ (Vibrator): Set if enable vibrator when receiving a mail.
		マナー時の鳴動 (Linkage to manner mode): Set if make a notification by manner mode (sets Sound profile to "Vibrate only" or "Silent") while manner mode is on.
	受信音／バイブ確認 (Confirm ringtone / vibrator)	緊急地震速報 (Earthquake Early Warning): Confirm ringtone/vibrator for Earthquake Early Warning.
		災害・避難情報 (Disaster and Evacuation Information): Confirm ringtone/vibrator for Disaster and Evacuation Information and tsunami warnings.

memo

- Reception of Emergency Rapid Mail is notified by a special warning tone. The warning tone cannot be changed.
- Earthquake Early Warning is sent to areas where strong quakes (over 4 degrees) are expected when earthquakes whose maximum intensity is predicted of 5 lower or more degrees.
- Immediately after an earthquake occurs, quakes (P waves and initial tremors) near the epicenter are detected and position, scale, and expected strength are automatically calculated and notification is sent as soon as possible within a few seconds to tens of seconds before the strong quakes (S waves and major tremors) caused by the earthquake start.
- Earthquake Early Warning may not arrive before strong tremors in areas near the epicenter.

- Tsunami warning notifies tsunami warnings (major tsunami, tsunami) provided by Japan Meteorological Agency to area including the target sea coasts.
- Disaster and Evacuation Information is a service that distributes bulletins concerning residents' safety including evacuation advisories, evacuation orders and other warnings issued by the national and local governments.
- This service is available only in Japan (it cannot be used overseas).
- No information fee or communication charge is required for receiving Emergency Rapid Mail.
- KDDI is not liable for damages suffered by customers resulting from the service's information, lack or delay in the information caused by transmission or system breakdowns, or other events that are outside the responsibility of KDDI.
- Refer to the Japan Meteorological Agency web page for details about distribution of Earthquake Early Warning. http://www.jma.go.jp/
- You cannot receive any Emergency Rapid Mail if the product is turned off or during a call. Also, data communication, such as receiving or sending an SMS/e-mail and using browser, you might not be able to receive Emergency Rapid Mail.
- During using applications, the notifications might be only displayed on the screen, without the warning tone.
- You might not receive any Emergency Rapid Mail in places where the signal does not reach (e.g. tunnels and basements) or where the signal reception is poor even inside the service area.
- Once the Emergency Rapid Mail fails in receiving, the same mail cannot be received later again.

- Since Emergency Rapid Mail uses a different delivery system, the reception time of Emergency Rapid Mail may not coincide with the same emergency warnings broadcasted through TV, radio or other media.
- Information from someplace other than your current location may be received.

Using "災害用音声お届けサービス (Disaster Voice Messaging Service)"

"災害用音声お届けサービス (Disaster Voice Messaging Service)" is the service that enables you to record your voice via your smartphone and to deliver the message to persons to whom you want to send when a large-scale disaster.

1 "au災害対策 (au Disaster Countermeasure)" ▶ "災害用音声お届けサービス (Disaster Voice Messaging Service)"

■ Sending voices (Send)

Tap "声をお届け (**Sending voices**)", and operate "①お届け先を選択* (select a sending destination)" → "②お届けしたい声を録音 (record voices to send)" in this order.
* Sending destination can be selected from Contacts.

■ Receiving voices (Receive)

Delivery of voice messages are notified by the pop-up window or SMS. Receive (download) and play the voice message to listen to it.

• If the receivers are using a smartphone on which an au Disaster Countermeasure application supporting Disaster Voice Messaging Service is not active or an au cell phone, they are notified with an SMS.
• If notified with the SMS, the information is not saved in the au 災害対策 (au Disaster Countermeasure) application.

◢ memo

• Sending and receiving voice messages are available only when you are using LTE/3G network. Disable wireless LAN (Wi-Fi®) communication etc. before use.
• Voice messages can be recorded for up to 30 seconds.
• Voice messages can be exchanged only among au cell phones (interoperation with other carriers' cell phones will be available from the spring 2013).
• Voice may not be heard when the media sound volume is set to low or the manner mode is set.
• When a main unit (memory) has no free space, voice messages may not be saved or played.
• Some cell phone cannot receive voice messages. For details, refer to the au website.

Using a microSD Memory Card

You can save/transfer/copy data by installing one of microSD memory cards (including microSDHC memory cards and microSDXC memory cards) in the product. Also, you can back up your Contacts, e-mails, bookmarks, etc. to microSD memory card.

・ Do not turn off the product or subject it to impact while microSD memory card data is being accessed. Doing so creates the risk of data corruption.
・ This product is compatible with microSD/microSDHC/ microSDXC memory cards. For information on compatible microSD/microSDHC/microSDXC memory cards, please inquire with the respective microSD memory card distributor or visit the au website.

memo

・ Depending on applications, microSD memory card is required when using the application.
・ A microSD memory card initialized with other devices may not work properly on the product. Initialize the microSD memory card with this product by performing the following procedures;
Home screen ▶ "≡" ▶ "System settings" ▶ "Storage" ▶ "Erase SD card" ▶ "Erase SD card" ▶ "Erase everything"
・ The product may not be able to playback the data moved/ copied to microSD memory card from PC, etc. depending on the data protected by copyrights.

Installing a microSD Memory Card

1 Turn off the main unit

2 Check the direction of microSD memory card and insert it gently and straightly

3 Attach

memo

・ Make sure that the top and bottom of the microSD memory card are facing correctly.
Trying to force a wrongly oriented card into the slot could make it impossible to remove the card and result in damage.
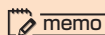
Removing a microSD Memory Card

1 Home screen ▶ "≡" ▶ "System settings" ▶ "Storage" ▶ "Unmount SD card" ▶ "OK"

2 Turn off the main unit

3 Pull out the microSD memory card
Gently and straightly pull it out.

✎ memo

- Do not touch connector part of microSD memory card.
- Do not apply excessive force to pull microSD memory card. Doing so might cause malfunction or data loss.
- Applications installed in microSD memory card are not available to use without microSD memory card.
- microSD memory card might become warm after using a long time. It is not abnormal.

Viewing the Setting Menu

1 Home screen ▶ "≡" ▶ "System settings"

■ WIRELESS & NETWORK

Wi-Fi	Make wireless LAN (Wi-Fi®) settings.
Bluetooth	Make Bluetooth® settings.
Data usage	Make settings for mobile data communication and confirm the communication volume.
Call	Set network services such as Answering Service (Voice Mail), Call Transfer, etc.
More...	Make communication settings such as Airplane mode and for mobile networks.

■ DEVICE

Sound	Change manner mode settings (set Sound profile to "Vibrate only" or "Silent"), adjust volume for call ringtone, mail ringtone, key touch tones, Vibration, playback, etc.
Display	Make settings for the display, such as brightness of the display, Auto-rotate screen, screen timeout.
Home screen	Make settings for themes and animation display, wallpaper, etc.
Lock screen	Select and set the screen lock method.
Gestures	Make settings to enable/disable various motion gestures.
Storage	Check memory space of microSD memory card and the product, and initialize microSD memory card.

Power saver	Confirm the remaining battery level and make power saving settings.
Apps	Make settings relating to applications. Also, manage downloaded applications.
Quad core control	Make settings to optimize CPU control and to make the battery last longer.

■ PERSONAL

Accounts & sync	Make basic settings for managing online service accounts or synchronizing data.
Location services	Make settings for location information such as GPS function.
Security	Make lock settings for au Micro IC Card (LTE) and application download settings.
Language & input	Set the display language and make character entry settings.
Backup & reset	Perform Backup and restore of data, and initialization.

■ SYSTEM

Date & time	Set date and time, date & hour format etc.
Accessibility	Set call end operation and user support service.
PC connection	Set related settings to connect with external devices.
Developer options	Make function settings for developers.
About phone	Check your own phone number, signal level, etc. Perform software update.

Introduction of Related Accessories

■ Desktop Holder (LGLxxPUA)

■ AC Adapter (sold separately)
- Common AC adapter 03 (0301PQA)
- Common AC adapter 04 (0401PWA)
- Common AC adapter 03 Navy (0301PBA)
- Common AC adapter 03 Green (0301PGA)
- Common AC adapter 03 Pink (0301PPA)
- Common AC adapter 03 Blue (0301PLA)
- AC Adapter JUPITRIS White (L02P001W)
- AC Adapter JUPITRIS Red (L02P001R)
- AC Adapter JUPITRIS Blue (L02P001L)
- AC Adapter JUPITRIS Pink (L02P001P)
- AC Adapter JUPITRIS Champagne Gold (L02P001N)

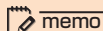■ Common DC Adapter 03 (0301PEA) (sold separately)

■ au Carrying Case F Black (0105FCA) (sold separately)

■ microUSB Cable (sold separately)
- microUSB cable 01 (0301HVA)
- microUSB cable 01 Navy (0301HBA)
- microUSB cable 01 Green (0301HGA)
- microUSB cable 01 Pink (0301HPA)
- microUSB cable 01 Blue (0301HLA)

■ Portable Charger 02 (0301PFA) (sold separately)

memo

- For the latest information about available accessories, check au website (http://www.au.kddi.com/) or contact Customer Service Center.
- This product does not support ASYNC/Fax transmission.
- Accessories on this page can be purchased from au online shop.
  From a PC: http://auonlineshop.kddi.com

Troubleshooting

Before you assume that the product is malfunctioning, check the following:

Symptom	Check item	Page
Cannot turn on power.	Is the battery pack charged?	P.40
	Are you pressing and holding ▭ ?	P.43
Cannot charge the battery.		
	Is the microUSB connector of the AC adapter or microUSB cable firmly inserted into the desktop holder?	P.41
	Is the AC adapter securely plugged into an outlet?	P.41
Battery usage time is short.	Do you often use the product in places where ▧ (out of service area) is displayed?	–
	Is the battery pack at the end of its life?	P.22
Cannot operate touch panel as intended.	Are you operating with gloved hands?	P.45
	Make sure you are not operating with the tip of a fingernail or there is no foreign object on the panel.	P.45
Cannot operate the keys/touch panel.	Is the screen lock set?	P.25
	Turn off the power and then turn it on again.	P.43

Symptom	Check item	Page
Screen response is slow when you tap on the screen/press the keys.	Screen response may be slowed down when a large amount of data is stored in the product or being transmitted between the product and a microSD memory card.	–
"No SIM card" is displayed.	Is an au Micro IC Card (LTE) inserted?	P.39
Cannot make calls.	Is an au Micro IC Card (LTE) inserted?	P.39
	Did you enter the correct phone number? (Did you enter the phone number starting with the area code?)	P.55
	Is "Airplane mode" set?	P.47
Cannot receive calls.	Is reception good enough?	P.47
	Are you out of service area?	P.47
	Is "Airplane mode" set?	P.47
	Is Call forwarding service set?	P.68
Display is dark.	Is "Brightness" set to dark?	P.68
Cannot hear the other party.	Is the earpiece volume too low?	P.55
	Are you covering the earpiece with your ear? Place your ear hole to the earpiece.	P.35
Cannot use NFC/Osaifu-Keitai®.	Has the battery run out?	P.40
	Is "NFC/Osaifu-Keitai lock" set?	–
	Do you hold the product so that the FeliCa mark area is placed over the reader?	P.35

Symptom	Check item	Page
Cannot recognize a microSD memory card.	Is a microSD memory card inserted properly?	P.66
	Is the microSD memory card unmounted?	P.66

For more details, contact the Customer Service Center.
From a land-line phone,
☎0077-7-111 (toll free)
From an au cell phone,
157 without area code (toll free)

Updating Software

Notes on Software Update

- You are charged for data communication when connecting to the Internet from the product by using packet communication.
- When software update is necessary, you will be informed on au homepage, etc. For details, contact an au shop or Customer Service Center (call toll-free **157**). In addition, users of the product will receive a notice from au, when software update is necessary to improve the functionality of the product.
- Make sure to charge your phone before software update. If battery is not enough, software update may fail.
- Check out the signal reception. Software update may fail if you are at a place with bad signal reception.
- Data registered on the product (Contacts, mail, photos, music, etc.) and information of settings will not be changed even after software is updated.
  However, note that data might not be protected depending on the state of your phone (malfunction, damage, getting wet, etc.).
  You are recommended to back up your data before updating software.
- If software update has failed or stopped, perform the same again.

Do not conduct the following operations during software update.

- Do not remove battery pack during software update. Doing so might cause software update failure.
- Do not move during software update.

The following operations are not available during software update

- Operations are not available during software update. Calls to 110 (Police), 119 (Fire department or ambulance service) and 118 (Japan Coast Guard) are also not available.
  Also, alarm, etc. cannot be used.

When software update is not available, etc.

- If you fail to update software, it may become impossible to operate the product. If this happens, bring it to an au shop or PiPit (not accepted by some shops).

Downloading and Updating Software

1 Home screen ▶ "≡" ▶ "System settings" ▶ "About phone" ▶ "Software update" ▶ "Check now for update"

Check if there is new software.
Software update screen is displayed when software update is available.

2 Select a communication method to download

Select a communication method to download software.

3 "Download"

A new software download starts.

4 "Install now"

Software update starts.
The product will restart a couple of times during the software update.

5 "OK"

After-sales Service

■ When asking for repair
For repair, contact Secure cell phone support center.

| During the warranty period | Repairs will be done based on the terms of services of the free-of-charge repair warranty described on the warranty card. |
| Outside the warranty period | We shall repair the product for a charge as requested by the customer if repair renders it usable. |

✎ memo

- Before handing in the product for repair, make a backup of the contents of memory since they may disappear during repair. Note that the Company shall not be liable for any damages and loss of income should the contents of memory be altered or lost.
- Recycled parts that meet the Company's quality standards are sometimes used for repair.
- Collected au cell phones by Replacement cell phone delivery service which you used before are recycled to cell phones for replacement after repairs. Also replaced parts by au aftersales service are collected and recycled by KDDI. They are not returned to customers.

■ Performance parts for repair
The Company retains performance parts for repair of the product's main unit and its peripherals for 4 years after discontinuation of production. "Performance parts for repair" refers to parts required for maintaining the functions of the product.

■ Warranty card
At the store of purchase, thoroughly check and read the name of the retailer, date of purchase and other necessary details filled in on the warranty card, and be sure to keep it in a safe place.

■ Secure cell phone support plus
An after-sales service membership program on a monthly basis called "Secure cell phone support plus" (monthly fee: 399 yen including tax) is available for using your au cell phone for a long time without worries. This service expands coverage for many troubles including malfunction, theft and loss.
For details of this service, refer to au homepage or contact Secure cell phone support center.

✎ memo

- You can apply for membership only at the time of purchasing your au cell phone.
- Once you cancel the membership, you cannot reapply for it until you purchase an au cell phone next time.
- Note that when changing the model or purchasing an extra cell phone, this service only covers the most recently purchased au cell phone.
- When an au cell phone is handed over to you or someone else, the Secure cell phone support plus membership is also handed over to the successor of the cell phone.
- When you get a new au cell phone by changing the model or purchasing an extra cell phone, the "Secure cell phone support plus" membership for the old au cell phone is automatically canceled.
- Service contents are subject to change without notice.

■ au Micro IC Card (LTE)

The au Micro IC Card (LTE) is lent to you by au. In case of loss or damage, the card will be replaced at your expense. When malfunction is suspected, or in case of theft or loss, contact an au shop or PiPit.

■ After-sales service

If you are unsure about anything regarding after-sales service, contact the following service contact.

**Customer Service Center
(for service canceling procedure or operation in case of loss or theft)**

From a land-line phone,
0077-7-113 (toll-free)
From an au cell phone,
113 without area code (toll free)

Secure cell phone support center (for loss, theft, damage)
From a land-line phone/From an au cell phone,
0120-925-919 (toll-free)
Business hours 9:00 – 21:00 (7 days a week)

■ au after-sales service information

Service Contents			Secure cell phone support plus	
			Member	Non-member
Replacement cell phone delivery service	Spontaneous failure	1st year	Free	N/A
		2nd year or later	Customer charge 1st time: 5,250 yen 2nd time: 8,400 yen	
	Partial damage, water soak, irreparable damage, theft, or loss			
Holding over and repair	Spontaneous failure	1st year	Free	Free
		2nd year or later	Free (3-year warranty)	Actual cost
	Partial damage		Customer charge Upper limit: 5,250 yen	
	Water soak, irreparable damage, theft, or loss		N/A	N/A (model change)

* Charge amounts are all tax-included.

Replacement cell phone delivery service

- When you have trouble with your au cell phone, replacement cell phone (same model, same color, including new battery) is delivered to the specified place by calling to. Return your damaged cell phone within 14 days after replacement cell phone is delivered.
- Available up to twice in a year from the day you use this service as a start day. If you do not use this service in the past year at the subscription to this service, it will be 1st and if you use, it will be 2nd.
- * For details, refer to au homepage.

Holding over and repair

- Repairs due to water soak and irreparable damage are not covered by this service.
- Damages and malfunctions intentionally caused by the customer as well as those due to modification (e.g. disassembly, change of parts, painting, etc.) by the customer are not covered by this service.
- You cannot receive a refund for replacement of the outer casing due to stains, scratches, paint removal, etc. on the outer casing.

Main Specifications

■ Product

Display		Approx. X.X inches, Max. XX.XX million colors, IPS liquid crystal
		XXXX x XXX dots (HD)
Weight		Approx. XXX g (including battery)
Size (W x H x D)		Approx. XX mm x XXX mm x X.X mm (Max. thickness: XX.X mm)
Continuous calling time		Approx. XXX minutes
Continuous standby time[*1]		Approx. XXX hours (When using LTE) Approx. XXX hours (When using 3G)
Charging time	AC adapter	Approx. XXX minutes (When using Common AC adapter 04 (sold separately))
	DC adapter	Approx. XXX minutes (When using Common DC adapter 03 (sold separately))
Outward-facing camera (lens)	Image pickup device	CMOS
	Effective pixels	Approx. XX.X million
	Digital zoom	Up to approx. X.X times (XX levels)

Inward-facing camera (lens)	Image pickup device	CMOS
	Effective pixels	Approx. X.X million
Memory (available space)		Approx. XX GB
Wireless LAN (Wi-Fi®)		IEEE802.11a/b/g/n/ac-compliant
Bluetooth® function	Version	Bluetooth® standard Ver. 4.0 BLE
	Output	Bluetooth® standard Power Class 1
	Communication distance*2	Ideal line-of-sight distance is the max. 10 m
	Compatible profiles*3	HSP (Headset Profile) HFP (Hands-Free Profile) A2DP (Advanced Audio Distribution Profile) AVRCP (Audio/Video Remote Control Profile) OPP (Object Push Profile) SPP (Serial Port Profile) PBAP (Phone Book Access Profile) HID (Human Interface Device Profile)
	Frequency band	2.4 GHz frequency band
1 Seg (Continuous viewing time)		Approx. X hours XX minutes
Continuous Wi-Fi® tethering time		Approx. XXX minutes (When using LTE) Approx. XXX minutes (When using 3G)

Number of concurrent connections with tethering	XX devices

*1 Continuous standby times are measurements in a static state.
*2 Changes according to objects obstructing devices and signal reception.
*3 Specifications provided in Bluetooth standards for making communication between Bluetooth-compatible devices in accordance with their intended use.

■ Battery

Battery type	Lithium ion battery
Nominal voltage	X.X V
Nominal capacity	XXXX mAh

memo

- The continuous talk time and continuous standby time may drop to less than half depending on the battery charging status, usage environment such as temperature, reception condition at the location where the product is used, and the function settings.

Specific Absorption Rate (SAR) of Cell Phones

This model LGL23 mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves. This cell phone has been designed in observance of the Japanese technical regulations regarding exposure to radio waves [1] and limits to exposure to radio waves recommended by equivalent international guidelines.

These international guidelines were set out by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is in collaboration with the World Health Organization (WHO), and the permissible limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health condition. The Japanese technical regulations and international guidelines define the limits using a unit of measurement known as the Specific Absorption Rate (SAR), which represents the average amount of radio frequency energy absorbed by the human head. The SAR limit for cell phones is 2.0 W/kg.

There may be slight differences in SAR levels among individual products, but they all satisfy the limit. The actual SAR of this cell phone while talking on the phone can be well below that indicated above. This is due to automatic changes in the power level of the cell phone to ensure it only outputs the minimum power required to communicate with a base station. Therefore in general, the closer you are to a base station, the lower the power output of the cell phone. This cell phone can be used in positions other than against your ear. This cell phone satisfies the international guidelines when used with au Carrying Case F Black (0105FCA) (sold separately) recommended by KDDI [2].

In case you are not using the au Carrying Case F Black (0105FCA) (sold separately), use a product that contains no metal parts, and one that can hold the cell phone at least 1.5 cm away from your body.

The World Health Organization has stated that present scientific information does not indicate that use of mobile devices has any harmful effects on the human body. They recommend that if you are still worried about your exposure then you can limit your talk time or use a handsfree kit to keep the mobile phone away from your head and body. If you would like to know more detailed information, please refer to the WHO website.

http://www.who.int/docstore/peh-emf/publications/facts_press/fact_japanese.htm

Please refer to the websites listed below if you would like to know more detailed information regarding SAR.

○Ministry of Internal Affairs and Communications Website:
http://www.tele.soumu.go.jp/e/sys/ele/index.htm
○Association of Radio Industries and Businesses Website:
http://www.arib-emf.org/index02.html (Japanese only)
○au Website:
http://www.au.kddi.com/
○LG Electronics Inc. Website:
http://www.lg.com/jp/mobile-phones/all-phones/index.jsp (Japanese only)

*1   Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).

*2 Regarding the method of measuring SAR when using mobile phones in positions other than against the ear, the international standard IEC62209-2 was set in March 2010. On the other hand, Japanese technical regulation is currently under deliberation by the Committee for Radio Wave Utilization Environment set up in the Information and Communication Technology Group of the Advisory Committee on Information and Communications. (As of October 2011)

FCC Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Note:
This equipment 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 equipment 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 equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment 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 equipment and receiver.
- Connect the equipment into an outlet on circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help and for additional suggestions.
Warning
The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC RF Exposure Information

This model phone is a radio transmitter and receiver.
It 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.
The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.
The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

Wi-Fi Caution

This device is capable of operating in 802.11a/n mode. For 802.11a/n devices operating in the frequency range of 5.15 - 5.25 GHz, they are restricted for indoor operations to reduce any potential harmful interference for Mobile Satellite Services (MSS) in the US. WIFI Access Points that are capable of allowing your device to operate in 802.11a/n mode(5.15 - 5.25 GHz band) are optimized for indoor use only.
If your WIFI network is capable of operating in this mode, please restrict your WIFI use indoors to not violate federal regulations to protect Mobile Satellite Services.

Body-worn Operation

This phone was tested for typical body-worn operations with the back of the phone kept at a distance of 1.0 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.0 cm separation distance between your body and the back of the phone. The use of belt clips, holsters and similar accessories should not contain metallic components. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Export Administration Regulations

This product and its accessories may fall under the category of application of Japan Export Control Regulations ("Foreign Exchange and Foreign Trade Law" and relevant laws and regulations). U.S. Re-export Regulations (Export Administration Regulations) is applied to this product and its accessories. If you export or re-export this product or its accessories, please follow the necessary procedures at your own risk and expense. For details on the procedures, contact the Ministry of Economy, Trade and Industry or the U.S. Department of Commerce.

Precaution to be Observed in Using "Osaifu-Keitai®"-compatible Service

Precautions

You should agree the following contents before use of the service for "Osaifu-Keitai®".

■ "Osaifu-Keitai®"-compatible Service

- "Osaifu-Keitai®"-compatible service is a service which use FeliCa chip embedded on "Osaifu-Keitai®".
- "Osaifu-Keitai®"-compatible service is provided by the service provider (hereinafter referred to as "SP"). You should agree SP's terms of service before you use the service. Please contact SP directly if you have any question.
- KDDI makes no guarantees about the contents of "Osaifu-Keitai®"-compatible service.

■ Handling Data in FeliCa Chip

- When you use "Osaifu-Keitai®"-compatible service, SP will write, record, and manage the data on FeliCa chip on your "Osaifu-Keitai®".
- You assume full responsibility for use and management of your FeliCa chip.
- Failure of "Osaifu-Keitai®" may cause loss of the data on FeliCa chip. KDDI cannot be responsibility for your damage by loss of the data.

- KDDI cannot accept your "Osaifu-keitai®" to repair if it contains any data on FeliCa chip. Before you request KDDI to repair "Osaifu-Keitai®", you should delete all data on FeliCa chip. Or you should accept to delete all data on FeliCa chip at the service location. Even if it results any damage on you, KDDI cannot be responsibility for your damage by loss of the data.
- The service (hereinafter referred to as "SP Backup Service"), such as backup and transfer the data on FeliCa chip, provided by SP varies according to SP's terms and conditions. Please check SP Backup Service before use "Osaifu-Keitai®"-compatible service. The case of failure to backup or transfer the data onto FeliCa chip due to choosing the service including no SP Backup Service may cause damage on you. Or not providing, using, or working SP Backup Service may cause damage on you as well. KDDI cannot be responsibility for your damage under any circumstance.
- In all case, KDDI cannot accept to keep your data temporary or reissue or restore of the data on FeliCa chip. Also KDDI cannot transfer the data onto other FeliCa chip.

■ Notification of the Unique Number of FeliCa Chip
- Certain "Osaifu-Keitai®"-compatible services may request to send your FeliCa chip's unique number to SP to identify FeliCa chip embedded in "Osaifu-Keitai®".
- KDDI may notify SP of information related to FeliCa chip, such as the unique number and data and disposal status in a certain case.
- KDDI and KDDI's agency may notify your mobile phone number to SP due to proceeding for SP Backup Service.

■ Abuse
- The data on FeliCa chip may be used abusively due to in case of loss or theft of your "Osaifu-Keitai®". KDDI cannot be responsibility for your damage by an abuse of your data on FeliCa chip.
- KDDI recommends setting the security function to avoid abuses. Setting method varies according to each model of mobile phone. Please check KDDI web site to get details. Using security function is not guaranteed to avoid all abuse.
- SP may be able to suspend the service due to loss or theft of "Osaifu-Keitai®". Please contact SP directly.
- When you cancel "Osaifu-Keitai®" due to discard or get a new mobile phone, it is required to delete all of the data on FeliCa chip to avoid abuses. Even if it causes any damage on you, KDDI cannot be responsibility for your damage by loss of the data.

■ Other
- Communication fee depending on usage of data may be charged when you use "Osaifu-Keitai®"-compatible service with communication function. No communication fee is required when you use "Osaifu-Keitai®"-compatible service by tapping on the reader.
- When you change the ownership or mobile phone number after start using "Osaifu-Keitai®"-compatible service, you may be not available to delete the data on FeliCa chip yourself or use "Osaifu-Keitai®"-compatible service. If you request to delete the data of "Osaifu-Keitai®"-compatible service at service location, it is required to delete all of the data on FeliCa chip.

Precaution to be Observed in Using NFC

■ NFC
- NFC is an abbreviation for Near Field Communication, and a method of proximity wireless communication as defined by ISO (International Organization for Standardization). Main Functions are including contactless IC card, reader/writer, and peer to peer.
- Using the service via NFC may write the required data onto NFC-enabled au phone or au Micro IC Card (LTE) embedded on au phone to start using the service.
- The service using NFC function is provided by the service provider (hereinafter referred to as "SP"). You should agree SP's terms of service before you use NFC service. Please contact SP directly if you have any question.
- KDDI makes no guarantees about the contents of NFC service.

■ Handling of NFC data
- When you use NFC service, SP will write, record, and manage the data on au Micro IC Card (LTE) inserted in au phone.
- You assume full responsibility for use and management of your au phone and au Micro IC Card (LTE).
- Failure of au phone or au Micro IC Card (LTE) may cause loss of NFC data. KDDI cannot be responsibility for your damage by loss of the data.

- The service (hereinafter referred to as "SP Backup Service"), such as backup or transfer NFC data, provided by SP varies according to SP's terms and conditions. Please check SP Backup Service before use of NFC service. The case of failure to backup or transfer NFC data due to choosing the service including no SP Backup Service may cause damage on you. Or not providing, using, or working SP Backup Service may cause damage on you as well. KDDI cannot be responsibility for your damage under any circumstance.
- In all case, KDDI cannot accept to keep your data temporary or reissue or restore of NFC data. Also KDDI cannot transfer NFC data.

■ Notification of the unique number of au phone and au Micro IC Card (LTE)
- Some NFC service may request to send your au phone's and au Micro IC Card (LTE)'s unique number to SP to identify.
- KDDI may notify SP of information related to au phone and au Micro IC Card (LTE), such as the unique number and data and disposal status in a certain case. Also KDDI may notify SP of cancellation status.

■ Abuse
- NFC data may be used abusively due to in case of loss or theft of au phone or au Micro IC Card (LTE). KDDI cannot be responsibility for your damage by an abuse of NFC data.
- KDDI cannot accept your request to suspend NFC function in case of loss or theft of au phone or au Micro IC Card (LTE). Please contact SP directly.

■ Other

- Communication fee depending on amount of data may be charged when you use NFC service with communication function. No communication fee is required when you use NFC service by tapping on the reader, NFC tag, or other au phone.
- When you change the ownership or mobile phone number after start using NFC service, you may be not available to delete NFC data yourself or use NFC service. If you request to delete the NFC data on au Micro IC Card (LTE) at service location, it is required to delete all of the data on au Micro IC Card (LTE).
- NFC service is not available when phone's battery pack is removed.
- NFC service may be not available in some cases when out of phone's battery.
- A part of NFC services is not available when airplane mode is on.

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