

Changing wallpaper

You can change the wallpaper of the Home screen and the lock screen.

- 1 Touch and hold an area of the Home screen where no icons, etc. are displayed.**
- 2 [Wallpapers].**
- 3 Tap an image to set as wallpaper.**
 - When you tap [My photos] at the left end of the screen, select an image and then follow the onscreen instructions.
- 4 Follow the onscreen instructions to set wallpaper.**

Setting Home screen

- 1 Touch and hold an area of the Home screen where no icons, etc. are displayed.**
- 2 [Home settings].**

Show Google™ App	Set whether to display the "Google" app screen in the Home screen. Swipe (flick) the first page right to display it.
Notification dots	You can turn on/off the dot which appears when an application has a notification.
Add app icons to Home screen	Set whether to add an application icon shortcut in the Home screen when the application is installed.
Allow Home screen rotation	Set whether to allow the Home screen or the Application screen to rotate.
Show quick search box	Set whether to display the Google Search widget in the Home screen.

Simple Home screen

This section describes the Home screen displayed when the home app is set to "Simple Home". Set Simple Home to use the home screen and the setting menu that are limited to the basic functions.

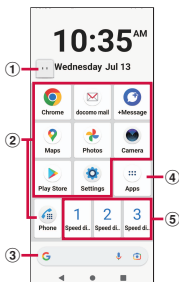
1 From the Home screen, [Settings]►[Apps].

2 [Default apps]►[Home app]►[Simple Home].

3 [OK].

- To not change the font size, unmark "Set font size to Largest".

■ Applications on Simple Home



- ① Machi-chara
 - Tap to ask something you want to know through dialog.
 - By default, Machi-Chara is not displayed on the Home screen (P.84).
- ② Application icon
 - Tap to activate an application.
- ③ Google Search
- ④ Apps
 - Applications that are not displayed in the Simple Home screen are displayed in a list.
- ⑤ Speed dial
 - Use the speed dial (P.92).

❖ Information

- To change to the standard Home screen, from the Simple Home screen, tap [Settings]►[Exit Simple Home]►[OK]►[docomo LIVE UX]/[Xperia Home].
- A dot or number may appear on the application icon etc. when the application has any notification.

Using Speed dial

Register frequently used contacts to "Speed dial 1" - "Speed dial 3" to make calls or send emails easily.

Saving contacts

Register a frequently used contact to "docomo phonebook" application in advance.

- 1 On the Simple Home screen, tap any of [Speed dial 1]/[Speed dial 2]/[Speed dial 3]►[OK].

2 Select a contact to save.

- Display of "Speed dial 1"/"Speed dial 2"/"Speed dial 3" changes to the name in the registered contact.

❖ Information

- To change/delete/edit contact saved in the speed dial, from the Simple Home screen, select the speed dial ► [MENU] ► Tap any of [Edit entry]/[Delete entry]/[Edit contact].

Making a call

1 On the Simple Home screen, select the speed dial ► [Call].

- Operation during a call (P.107)

Sending a message of +Message/ email

1 On the Simple Home screen, select the speed dial ► [Send message]/[Send email].

- How to send a message via +Message (P.119)
- How to send Gmail (P.123)

Using Settings

1 On the Simple Home screen, [Settings].

Phone number		Your own phone number is displayed.
Display	Brightness	Adjust the screen brightness.
	Adaptive brightness	Adjust the screen brightness automatically according to the ambient brightness, etc. with reference to the brightness set in "Brightness".
	Auto-rotate screen	Set whether to switch portrait/landscape view automatically according to the terminal orientation.
	Font size	Set font size.
	Sleep	Set a time for turning off of screen.
	Screen lock	Set screen lock unlocking method or fingerprint.

Sound	Silent/Vibrate mode	Set silent mode.
	Ringtone	Set ringtone.
	Vibrate on touch	Set whether to vibrate the terminal when the key icon is tapped.
	Touch sounds	Set whether to emit sound when selecting menu etc.
	Vibrate when ringing	Set whether to vibrate the terminal while receiving a call.
Customize Home		P.94
More settings		Display the setting menu of the standard Home screen (P.158).
Exit Simple Home		Change to the standard Home screen.

Changing applications on the Simple Home screen

- 1 On the Simple Home screen, [Settings]►[Customize Home].**
- 2 [Change apps]/[Reorder apps].**
- 3 Select the application►Select the application to newly display/select the location to move to.**
 - When "Change apps" is selected, "Settings" and "Apps" cannot be changed.
- 4 [OK].**

❖ Information

- In Step 2, tap [Reset]►[OK] to restore the defaults. Note that contacts registered to the speed dials cannot be reset.

Application screen

When the home app is set to "Xperia Home", all applications are displayed in the Application screen.

- Switching Home app (P.81)

1 Swipe (flick) the Home screen up.



- ① Search bar
 - Search applications.
- ② Application icon list
 - Touch and hold an application icon to display the shortcut menu where you can perform specified operations or check the application information. When  is displayed, touch and hold and then drag it to any location to add a shortcut of specified operation to the Home screen.
- ③ Menu
 - Set the order of application icons, or edit the Application screen.

- ④ Machi-chara
 - Tap to ask something you want to know through dialog.
 - By default, Machi-Chara is not displayed on the Home screen (P.84).

❖ Information

- A dot or number may appear on the application icon or folder when there is a notification from the application.

Adding an application to the Home screen

Add shortcuts of application to the Home screen.

1 In the Application screen, touch and hold an application icon.

- To add applications from a folder, tap the folder and then touch and hold an application icon.

2 Drag it a little in any direction.

- When the Home screen appears, drag it to anywhere.

❖ Information

- Touch and hold the folder in the Application screen to add the folder with the application icon shortcuts to the Home screen.

- To remove an application icon shortcut, touch and hold the application icon shortcut in the Home screen►Drag it a little in any direction►Drag it to "Remove" in the upper part of the screen. When "Uninstall" appears in the upper part of the screen, drag it to "Uninstall" to uninstall the application.

Uninstalling an application

- Before uninstalling application, back up contents related to the application that you want to save including data saved in the application.
- Some applications may not be uninstalled.

1 In the Application screen, touch and hold the icon of application you want to uninstall.

- The shortcut menu appears.
- To uninstall applications in a folder, tap the folder and then touch and hold an application icon.

2 [App info].

- The application information screen appears.
- If "App info" is not displayed, tap ⓘ.

3 [UNINSTALL].

- For applications that cannot be uninstalled, "UNINSTALL" is not shown. When "DISABLE" is displayed, you can disable the application (P.172).

4 [OK].

Editing the Application screen

When the order of application icons is set to "Own order" in the menu (P.95), you can rearrange the application icons as you like, or organize them by storing them to folders.

1 In the Application screen, : ►[Rearrange].

- The rearrange screen appears.

2 Touch and hold an application icon.

3 Drag it to a desired location.

- Drag it over a folder to store an application icon to the folder.
- Drag it over another application icon to add a folder.

❖Information

- To close the rearrange screen, : ►[Exit], or tap ◀.
- To take out an application icon from a folder, tap the folder►Touch and hold the application icon►Drag it to a place you want to locate.
- To rename a folder, tap a folder►Tap the folder name or [Edit Name]. You can also rename a folder with the same operation in the Application screen.

Application list

Preinstalled applications are as follows. The descriptions when the home app is set to "docomo LIVE UX" are explained here.

- For usage of some applications, separate subscription (Charged) is required.
- For some applications, you can check functions or operation steps from the help.
- Design of application icon may vary depending on the home app or usage condition.
- Preinstalled applications or layout of applications may differ depending on the initial setting condition etc.



Assistant

Activate Google Assistant.



Anshin Security

An application which allows you to use the free virus countermeasure function, the security countermeasure against dangerous websites, unsafe Wi-Fi, nuisance calls, etc. and dark-web monitoring.



Osaifu-Keitai

An application that allows you to check your Osaifu-Keitai compatible services in a list. You can register recommended services or check balance of each service you have registered or points. →P.144



Osusume Apps^{*1}

An application that allows you to check or install applications or services that DOCOMO recommends according to your usage condition. →P.86



Camera

Shoot photos or videos. →P.129



Calendar

Register and manage your plans and reminders etc.



Disaster kit

An application for using "Disaster Message Board", Early Warning "Area Mail", (P.124), "Disaster and evacuation information anywhere", "Recover Area Map".



Schedule

An application for creating/managing schedule whose data is shared with Memo application. →P.151



Sheets

Create, edit and share spreadsheets, as well as view, edit and save Excel files.

スマホ診断online (Online diagnosis for smartphones)

It is an application that allows you to easily check if smartphones or tablets have malfunctions whenever or wherever you have a vague idea of malfunctioning such as "the battery runs out soon", "Osaifu-Keitai is unavailable", etc. It also provides suggestions of improvement based on the check result or informs procedures.

Slides

Create, edit and share slide show presentations, as well as view, edit and save PowerPoint files.

Settings

Configure settings for the terminal. →P.158

Data Copy

An application that allows you to transfer data when changing model, back up to/restore from a microSD card. →P.155

データ保管BOX (Data Storage BOX)

An application for using Data Storage BOX. Data Storage BOX is a service which allows you to upload files to easily manage them in the cloud.

Calculator

Perform basic arithmetic operations and other various calculations.

Phone

An application which allows you to use call or check call history, or make the various settings. →P.103

Docs

Create, edit and share documents, as well as view, edit and save Word files.

Clock

Use alarm, world clock, timer, stopwatch or bedtime. →P.153

docomo phonebook

It is a phonebook application provided by DOCOMO. You can manage phonebook data of your docomo account in the cloud. →P.112

docomo mail

Send/receive mails using DOCOMO mail address (@docomo.ne.jp).

Your d ACCOUNT allows you to use the same email address to send, receive, and view email on several devices, such as tablets and computers. →P.117

Drive

View/manage/share files stored in Google Drive.

Instruction Manual

Display the terminal instruction manual. You can directly call up functions from the explanation (in Japanese only).

* See "About manuals" in "Introduction".

News

Read a collection of the latest news and topics of interest.



Jspeak

An application for translating spoken words into the listener's native language. Use Face-to-face translation/Phone translation/Image translation/Common phrase to enjoy communication with the other party who speaks different language.



Photos

You can view photos or videos. You can back them up to your Google account. → P.141



マイマガジン (My Magazine)

My Magazine is a safe and secure news application that allows you to check new information and have surprises free of cost every day. → P.87



Maps

Use Google Maps services, such as viewing the current location, finding another location and searching the routes. → P.150



Music

Play music. → P.148



Memo

An application for creating/managing memos whose data is shared with Schedule application.



Amazon Shopping

An official application of Amazon which allows you to conveniently shop with good prices in Amazon online.



Chrome

Browse web pages in Chrome. → P.125



d払い(d Barai)

An application for use "d払い (d Barai)", the payment service provided by DOCOMO. You can do your shopping simply, convenient and with good bargain just by showing a barcode displayed on the application in the target stores.



dphoto

It is a service for storing photos or videos from your smartphone or PC to docomo cloud up to "5 GB free of cost". To use "photo print service" that you can create photo books from shot photos, separate subscription and installation of the dphoto print application are required.



dポイント (d POINT)

An application that allows you to check, accumulate, and use your d POINT.



dmarket

Provides a variety of services such as selling music, videos, books or other digital contents, accessing to shopping sites, etc. → P.142



dメニュー (dmenu)

An application shortcut for "dmenu". In dmenu, you can easily access sites recommended by DOCOMO, as well as convenient applications. → P.142



dcard

An application for checking usage details of d card, saved d points, entries of good value information easily. Also, you can set up the electronic money "iD" offered by DOCOMO.

Disney DX

Disney DX is an application that offers great value benefits and rich contents to enjoy Disney+ more.

By signing up to Disney+ with DOCOMO, you can use all features.

Duo

An application that allows you to make video calls.

Facebook

Facebook allows you to build closer relationships with your friends, family, colleagues, or classmates and to know what is going on in the world.

Files

You can search data such as still images, videos, music, or downloaded files. → P.202

FM radio

You can listen to FM radio.

* To use FM radio, connect a headset (optional) to the Headset jack.

Gmail

You can use the email services provided by Google and major Internet service providers. → P.123

Google

Enter keywords to search information. → P.80

Google One

Allows you to back up data or manage the storage of your Google account.

Google Pay

An application for managing electronic money or point cards collectively.

Google TV*

You can rent or purchase movies, TV shows, etc. and play them.

Headphones

Use "Headphones Connect" application to customize the settings of Sony headphones (commercially available) compatible with application link feature.

Home

An application for setting, managing and controlling smart home devices (commercially available).

iDアプリ (iD application)

An application for using "iD", electronic money offered by DOCOMO. Once you have set up "iD" on your Osaifu-Keitai, you can hover the terminal over an IC card reader at various shops to make your shopping easier and more comfortable. → P.147

Kindle

An e-book reader application for reading books purchased on Amazon.

LinkedIn

An SNS application with a lot of features which supports your business.

my daiz

It is a service with which you can search information readily just by speak to the terminal or receive necessary information at an optimum timing.

In addition to weather forecast or transfer route search, you can add useful tie-up services such as a recipe search, home delivery, etc.

My Sony

You can check the latest information of Sony products, Sony store, etc., or use guide or related contents of registered products.

Play Store

Download or purchase various applications, games, etc. from Google Play. →P.143

Podcasts

You can register your favorite programs and play them, or search featured programs.

PS App

An application that allows you to check the latest game information in PlayStation®Store or to exchange information among game players.

Reader by Sony

An application that allows you to read e-books purchased in Sony's eBook store "Reader Store".

Video & TV SideView

Play videos. In addition, view the TV program guide or use your terminal as a remote for Sony televisions or other devices.

Xperiaガイド (Xperia guide)

Display Xperia使いこなしガイド (Xperia use guide) to read explanation of the functions or check how to use them.

Xperiaカバー (Xperia cover)

You can check the product information of dedicated cover or purchase the favorite cover at Xperiaカバーストア (Xperia cover store).

Xperia Lounge Japan

An application which introduces Sony products or campaign information.

YouTube

Play YouTube videos.

YT Music

You can playback music or music videos with YouTube Music.

+Message

You can send/receive text message to/from a mobile phone number as a recipient. You can also send images, videos, stamps, etc. other than texts. →P.117

*1 Appeared when the home app is other than docomo LIVE UX.

- *2 Depending on usage condition, " Google Play Movies & TV" may be displayed. The application name and the icon will be automatically changed when the application is activated and the Google TV introduction screen is displayed. However, it may take time to display the Google TV introduction screen depending on usage condition.

❖ Information

- If there is any notification that indicates update of application or pause of setup, or any double-framed application icon shortcut in the Notification panel, downloading of the application is not complete. You can download in the following procedures.
 - Connect Wi-Fi (downloading starts automatically)
 - Drag the status bar down▶Tap a notification which indicates update of application▶Follow the onscreen instructions to configure Wi-Fi, etc.
 - When you download via mobile network, drag down the status bar▶Open the notification which indicates pause of setup (P.68)▶Tap [USE DATA].
 - To download applications individually via mobile network, tap the double-framed application icon▶Follow the onscreen instructions.
- Some preinstalled applications can be uninstalled. Or, some uninstalled applications may be downloaded from "Play Store" (P.143) etc. again.
- Some applications may require downloading and installation.

- If you activate multiple applications, the available time may become short due to increase of battery consumption. You are recommended to exit the applications which are not in use using the task manager (P.71).

Phone/Phonebook

Making/Receiving a call

Making a call

1 From the Home screen,  .

2 Enter a phone number .

- Tap  to delete the number.

3 When the call is finished, .

❖ Information

- In Step 2, tap  without entering a phone number to enter the phone number registered as the latest call in the call history.
- In Step 2, when a phone number is entered, the menu appears in the upper screen and you can create a new contact or send a message. When a contact matching to the entered phone number appears, you can make a call by tapping it.
- With VoLTE, you can make high-quality voice call. To use VoLTE, both parties must meet the following requirements.
 - Both terminals support VoLTE
 - Within the area where VoLTE is available
 - "Preferred network type" (P.210) is set to any of "5G/4G/3G/GSM", "5G/4G" or "4G/3G/GSM".
- With VoLTE (HD+), you can make voice calls with sound that is much higher quality than with VoLTE. To use VoLTE (HD+), the usage requirements of VoLTE must be met, and both you and the other party must have models which support VoLTE (HD+).

Emergency call

Emergency call	Phone number
Police call	110
Fire and emergency rescue	119
Coast guard	118

❖ Note

- This terminal supports "Emergency call location information". If you use the terminal to place a call to 110, 119, or 118, the emergency numbers, the information of a location where you are calling from (location information) is automatically notified to the Emergency call acceptance organization such as the Police Station.

However, the Emergency call acceptance organization may not be able to figure out your exact location depending on the location where you place a call or radio wave condition.

When you dial with "184" added or make a call with your caller ID hidden, your location information and phone number are not reported. However, when the Emergency call acceptance organization deems it necessary for lifesaving purposes, etc., they may decide to obtain your phone number and accurate location information from the GPS, regardless of your settings.

Note that the areas/time for which the "Emergency call location information" is ready to be used vary depending on the preparatory state of each Emergency call acceptance organization.

- When calling 110, 119 or 118 from the terminal, tell that you are calling from a mobile phone, and give your phone number and your current location precisely for checking callback from the Emergency call acceptance organization such as police. Also, make a point to call in a stationary position to prevent the call from being dropped. Do not power off the terminal for at least 10 minutes after the emergency call just in case the Police or Fire/Ambulance may have to get in contact with you.
- Note that you may not connect to the local Fire Department or Police Station depending on where you are calling from.

❖ Information

- If a nano SIM card is not inserted to the terminal, emergency calls (110, 119, 118) cannot be made in Japan.
- You can make an emergency call by tapping [EMERGENCY CALL] on the screen asking for entry of screen lock unlocking method.
- When you make an emergency call with Call Blocking set to ON, the setting of the Call Blocking is disabled automatically so as to receive calls from the Emergency call acceptance organization. To enable Call Blocking, from the Home screen, tap  ►  ► [Settings] ► [Calls] ► [Call Blocking] ► [Re-enable now]. The setting of Call Blocking is kept disabled unless the operation is performed.
- Emergency calls may not be available on some networks.

Entering pause (,)/(;) to send

For using services requiring entry of number during a call such as check of the balance of bank account, reservation of tickets, etc., enter an additional number to a phone number beforehand and make a call.

■ Using 2-second pause (,)

Added number will automatically be sent approximately 2 seconds after a call is accepted.

- 1 **From the Home screen,**   .
- 2 **Enter a phone number** ►  ► **[Add 2-sec pause]** ► **Enter an additional number** ► .
- 3 **When the call is finished,** .

■ Using a wait (;)

Sending is automatically on standby when the call is made and a confirmation screen asking if you send the additional number appears.

- 1 **From the Home screen,**   .
- 2 **Enter a phone number** ►  ► **[Add wait]** ► **Enter an additional number** ► .
- 3 **On the confirmation screen, [YES].**
- 4 **When the call is finished,** .

Making an international call (WORLD CALL)

WORLD CALL is a service for making international calls, which is available from DOCOMO's mobile phones in Japan. For details on WORLD CALL, refer to NTT DOCOMO website.

- 1 From the Home screen,  .
- 2 Dial + (touch and hold [0]) ▶ Enter Country code, Area code (City code), recipient number in the order ▶ .
- 3 When the call is finished, .

❖ Information

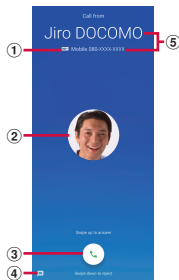
- If the area code begins with "0", omit "0". However, "0" may be required to dial to some countries/regions such as Italy.

Receiving a call

When a call comes in, the incoming call screen appears.

- If the screen is on (except on the lock screen) or an application is running, the notification appears at the top of the screen (P.107).

- 1 Swipe (flick)  up on the incoming screen.
 - 2 When the call is finished, .
- Incoming screen



- ① Sound quality of VoLTE call
 -  (super high quality) and  (high sound quality) are displayed during a call in VoLTE (HD+) and VoLTE (HD), respectively.
- ② Photo/image set in a contact
- ③ Call icon
 - Swipe (flick) up to answer, or swipe (flick) down to decline calls.

- ④ Send a message (P.106)
- ⑤ Name/phone number of the other party

❖ Information

- When "Answer" of "Suguden setting" (P.76) is ON, you can answer calls just by placing the terminal to your ear.
- When "Disconnect (Motion/Voice command)" of "Suguden setting" (P.76) is ON, you can disconnect a call by the motion or voice command during a call.

Answering calls with Answering Machine

Even when Answering Machine is not set, you can activate Answering Machine manually.

- 1 On the incoming call screen, drag the status bar down► [Answering Machine].**

❖ Information

- If there is a recorded message,  is displayed in the status bar. Drag the status bar down► Tap the notification of the Answering Machine to display the Messages screen and you can check the recorded messages.

Muting the ringtone for an incoming call

- 1 While receiving a call, press the volume key or the power key.**

❖ Information

- You can stop vibration by pressing the volume key or the power key when silent mode (Vibrate) is set.
- To adjust the volume of ringtone or listening volume, press the volume up/down key with the Home screen, etc. displayed and then tap .

Declining a call

- 1 On the incoming call screen, swipe (flick) .**

Declining a call and sending a message

If you are not available to answer a phone, you can decline the call and send a message.

- You can edit the message in advance (P.111).

- 1 On the incoming call screen, swipe (flick) .**
- 2 Tap a message to send.**
 - Tap [Write new message] to create and send a message.

Receiving a call when an application is running

If the screen is turned on (except on the lock screen) or an application is running when a call comes in, the notification appears in the upper screen.

1 [ANSWER].

- You can start a conversation.
- To decline a call, tap [DECLINE].
- Tap the upper part of displayed notification to open the incoming call screen.

2 When the call is finished, .

Operations during a call

On the Calling screen, you can set voice output or mute, or enter a phone number to make a call to another party.

■ Calling screen



- ① Photo/image set in a contact
- ② Name, phone number, etc. of the other party
- ③ Sound quality of VoLTE call
 - **HD** (super high sound quality) is displayed during calls in VoLTE (HD+), and **HD** (high sound quality) is displayed during calls in VoLTE (HD).
- ④ Mute : Set to turn on/off the mouthpiece/microphone.
- ⑤ Dial key : Send a push signal while on a call.
- ⑥ Add call
 - You can add a call.
- ⑦ Hold call: Hold/resume a call.
- ⑧ End a call
- ⑨ Call duration time

- ⑩ Speaker: Set ON/OFF of speakerphone.
- Other party's voice can be heard from the speaker and handsfree call can be made.
 - When the terminal is connected to Bluetooth device etc., tap it to switch audio output.

❖Note

- Do not bring the terminal close to your ear with the speakerphone on to avoid from hearing damage.

❖Information

- To hold/add a call, "Call waiting" subscription is required (P.111).
- The notification icon appears on the status bar while dialing, incoming, calling or holding a call. Even if you have switched to the other screen such as the Home screen, returning to the calling screen is available by dragging the status bar down and then tap the calling notification.

Adjusting the listening volume

- 1 During a call, press the volume up or down key.**

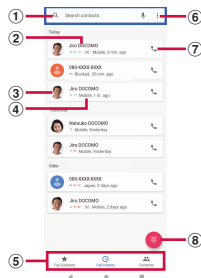
Call history

Incoming calls and outgoing calls are displayed by chronological order in the call history screen.

Displaying the call history

- 1 From the Home screen,  Tap "Call History" tab**

■ Call History screen



- ① Search contacts
- ② Phone number/name
- Tap to open the menu of "Create new contact", "Add to a contact", "Send a message", "Block number", and "Call details".
 - Touch and hold to display the menu of "Copy number", "Edit number before call", "Block number" and "Delete" below a phone number in the call history.

- ③ An image set to a contact etc.
 - Tap to display the profile screen of the Contacts.
- ④ History
 - The call type (outgoing call/incoming call/missed call), number of calls, how long ago, etc. are shown.
- ⑤ Switching tabs
 - You can switch each tab of Top Contacts, Call History, and Contacts.
- ⑥ Menu
- ⑦ Make a call
 - Tap to make a call to the phone number in the call history.
- ⑧ Display the dialpad

Adding a phone number from the call history to the phonebook

- 1 From the Home screen, ▶ Tap "Call History" tab.
- 2 Tap a phone number▶[Create new contact]/[Add to a contact].
 - Alternatively, touch and hold a phone number▶[Edit number before call]▶[Create new contact]/[Add to a contact].
 - When you tap [Add to a contact], select a contact to add.
- 3 On the profile edit screen, enter necessary information such as name.
 - To add items, tap [More fields].

4 [SAVE].

Deleting a call history

- 1 From the Home screen, ▶ Tap "Call History" tab.
- 2 Touch and hold outgoing history/incoming history▶[Delete].

❖ Information

- To delete all the call history, in the call history screen, tap ▶[Call history]▶▶[Clear call history]▶[OK].

Displaying missed calls

When you have missed calls,  appears in the status bar.

- 1 Drag the status bar down.
- 2 [Missed call].

❖ Information

- You can make a call or send a message to the caller of the missed call by tapping [CALL BACK]/[MESSAGE] in the notification of "Missed call".
- When a missed call notification appears on the lock screen, tap and unlock the screen lock to open the call history.

Answering Machine

When Answering Machine is set, the terminal plays an answering message and records a message from the caller when you cannot answer calls.

- Time and number of items that can be recorded to Answering Machine (P.234)

- 1 **From the Home screen,  ► .**
- 2 **[Settings]►[Calls]►[Answering Machine].**

Answering Machine	Set whether to use Answering Machine.
Pick up after	Set a ringing time for answering.
Use while roaming	Set whether to use Answering Machine when you stay abroad.
Greetings	Switch the answering message language to Japanese or English.
Messages	Check recorded messages.

❖ Information

- When a message of Answering Machine, the icon in the list of Messages changes from  to .
- To delete message in the Answering Machine, touch and hold a message in the message list►[Delete]/[Delete all]►[OK].

Checking the Answering Machine message in the status bar

When you have any recorded messages,  is displayed in the status bar.

1 Drag the status bar down►Tap notification from Answering Machine.

- A list of Messages in Answering Machine is displayed.
- To play a message of Answering Machine, tap the message.

❖ Information

- When a notification of Answering Machine appears on the lock screen, tap and unlock the screen lock to open the list of Answering Machine messages.

Call settings

You can set the network services, set call rejection, or edit Reject call with message.

- 1 From the Home screen,  ► ⋮ .
- 2 [Settings] ► [Calls].

Network service/ roaming settings	Set network services, roaming settings or transmission of user information. • Network service (P.111) • Roaming settings (P.214)
International dial assist	P.214
Answering Machine	P.110
Call Blocking	Set whether to reject calls from phone numbers which is not registered to the phonebook or without caller ID, or from a pay phone or unknown numbers. Also, you can reject calls and messages from the registered phone numbers.
Reject call with message	Edit a message to be sent when declining calls
Suguden setting	P.76
Calling accounts	Set calling accounts.

Network service settings

- 1 From the Home screen,  ► ⋮ .
- 2 [Settings] ► [Calls].
- 3 [Network service/roaming settings].
 - If the confirmation screen of Transmission of User Information appears, confirm the content and then follow the onscreen instructions.

4 [Network service].

Voicemail service	Keep caller's message when you cannot answer an incoming call.
Call forwarding service	Forward a call when you cannot answer an incoming call.
Call waiting	Put the current call on hold and answering an incoming call or making a call to another party.
Caller ID notification	Set whether to notify your caller ID when making a call.
Nuisance call blocking service	It is a service to block nuisance calls or prank calls.
Caller ID display request service	Answer calls without phone numbers by the guidance of caller ID display request.
Call notification	Notify incoming calls via message while the power is off or you are out of service area.

English guidance	Switch the voice guidance to English or Japanese.
Remote operation settings	Set to operate Voice Mail Service or Call forwarding Service using land-line phone, public phone or DOCOMO mobile phone, etc.
Public mode (power OFF) settings	While the terminal is OFF or in Airplane mode, play a guidance indicating that the receiver cannot answer the call on the caller's terminal and then end the call.

Accessibility

Set to enable/disable the hearing aid compatibility.

- 1 **From the Home screen,  ► ⋮ .**
- 2 **[Settings] ► [Accessibility].**
- 3 **Tap  /  of "Hearing aids".**

Phonebook

In the phonebook, you can enter various information for contacts, for example, phone numbers, mail addresses and various service accounts.

Displaying phonebook

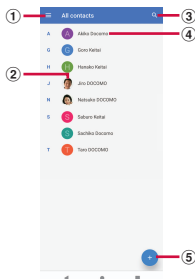
- 1 **From the Home screen,  ► [docomo phonebook]**
 - The Contacts screen appears.

❖ Information

- To use cloud service for the phonebook, "docomo phonebook" application is needed. When you use the "docomo phonebook" for the first time (including after resetting the application) or log in to cloud from the "docomo phonebook", the "Use of Cloud" screen appears and you can start using cloud.
- Cloud service for docomo phonebook is not available when user is switched to the other than the owner.
- Use docomo Data Copy application to back up/restore the phonebook data to/from a microSD card (P.155).

■ Contacts screen

On the Contacts screen, names etc. of contacts are displayed. You can set a photo or image to the contact or display the contacts by group.



- ① Menu
- ② Photo/image set in a contact
- ③ Search
- ④ Name registered in a contact
 - Tap to display the profile screen.
- ⑤ Register

Managing phonebook

Adding a new contact

- 1 **From the Home screen, [docomo phonebook]▶[+].**
 - When you have set up Google account etc., select the account to save to.
- 2 **On the profile edit screen, enter necessary information such as name.**
 - To add items, tap [More fields].
- 3 **[SAVE].**

❖Information

- The contacts are listed in alphabetical order of names and then order of the Japanese syllabary of the phonetic last or first names. When the phonetic name fields are blank, the contacts are listed in alphabetical order and then in the order of Japanese syllabary of registered last or first names. However, Japanese Kanji names without registration of phonetic names are listed in "他 (Others)" field.
- Alphabetical names are displayed in the order of the first name-last name.

Making a call from the phonebook

- 1 **From the Home screen, [docomo phonebook]▶Select a contact.**

- 2 On the profile screen, tap the phone number.

Editing a contact

- 1 From the Home screen,  ► [docomo phonebook] ► Select a contact to edit.
- 2 On the profile screen, .
 - When you join the contacts, select a contact to edit.
- 3 Select a required item and edit.
- 4 [SAVE].

Adding a contact to Top Contacts

- 1 From the Home screen,  ► [docomo phonebook] ► Select a contact you want to add to Top Contacts.
- 2 On the profile screen, tap  to change to .

❖ Information

- Contacts that you registered to Top Contacts are displayed in  field in the Contacts screen. Alternatively, tap "Top Contacts" tab in the call history screen etc.

Using menu

- 1 From the Home screen,  ► [docomo phonebook] ►  ► [Settings].
 - On the Contacts screen, select a contact ► On the profile screen, tap  to display the menu of the profile screen.

■ Contact list screen

My info	Display your own profile and you can edit it (P.115).
Cloud menu*	Display cloud menu.
d ACCOUNT setting	P.46
International use setting	Set whether to use the functions which allow communication such as synchronizing to cloud or setting when docomo phonebook is used overseas.
Service quality improvement	Set whether to send service quality improvement to DOCOMO. • It turns on when use of the cloud is started.
Accounts	P.193
Default account for new contacts	Set which account a contact is saved to. You can also change the account by tapping [Saving to] when you create a contact.
Contacts to display	Set contacts to display in the Contacts screen.

Sort by	Set the sorting method to "First name"/"Last name".
Name format	Set the name format to "First name first"/"Last name first".
Phonetic name	Set display of phonetic name in a contact.
Import	Import contacts (P.116).
Export	Export contacts (P.116).
Specified number rejection	Set call blocking (P.111).

* Signing in to cloud is required.

■ Profile screen

Join/View joined contacts	Join/separate displayed contact.
Delete	Delete a displayed contact.
Share	Send a displayed contact via Bluetooth function, Email, etc.
Create shortcut	Add shortcut of displayed contact to the Home screen.
Set ringtone	Set a ringtone for displayed contact.

Setting label (group) to contacts

- 1 From the Home screen, ▶ [docomo phonebook]▶.**
- 2 [Create label].**
 - When you have already created labels (group), select the label (group) and proceed to Step 4.
 - When you have set up Google account etc., select an account to create a label (group).
- 3 Set a name of label (group)▶[OK].**
- 4 ▶Tap a contact to add to the label (group).**

❖Information

- Tap  in step 4 to rename the label (group) or delete the label (group). When contacts are registered, you can send email to the contacts or delete the contacts.

Checking my profile and editing the information

- 1 From the Home screen, ▶ [docomo phonebook]▶▶ [Settings]▶[My info].**
- 2 ▶Enter required items such as name.**
- 3 [SAVE].**

Importing/Exporting/Sharing phonebook entries

You can import phonebook entries from a microSD card or nano SIM card, or export to a microSD card. Exported information is useful when you transfer data to another phone etc. Also, you can send all phonebook data via Bluetooth function, Email, etc.

- You can also use an online synchronization service to synchronize your contacts (P.194).
- For exporting to/importing from a microSD card, insert a microSD card in advance (P.37).

1 From the Home screen,  ► [docomo phonebook] ►  ► [Settings] ► [Export]/[Import].

2 Select the option for export or import ► Select the item.

- To export after selecting [Share all contacts], confirm the displayed content and drag the status bar down
► Tap notification from docomo phonebook and then select the application for sending.
- After this step, follow the onscreen instructions.

Mail/Web browser

docomo mail

Send/receive mails using DOCOMO mail address (@docomo.ne.jp).

Data can be easily transferred when changing models or restored when you have lost the terminal since sent and received mails are saved on the docomo mail server. Also, your d ACCOUNT allows you to use the same email address to send, receive, and view email on several devices, such as tablets and computers.

For details of docomo mail, refer to NTT DOCOMO website.

https://www.docomo.ne.jp/service/docomo_mail/ (in Japanese only)

1 From the Home screen, .

- After this step, follow the onscreen instructions.

+Message

You can send/receive images, videos, stamps, etc. as well as text message in chat format using a mobile phone number as a recipient. Also, you can exchange messages not only on one-to-one, but also among multiple people as group messages.

If the other party is not a +Message user, you can use the short message service (SMS) instead via "+Message" application to send/receive messages.

In addition, you can exchange messages between you and enterprises using their official accounts.

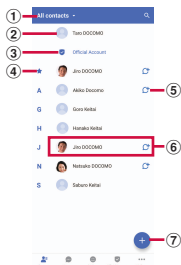
For details on +Message, from the Home screen, [+Message] ► [MyPage] ► [How to use] ► [Use guide] to refer to use guide, or refer to the following NTT DOCOMO website.

https://www.docomo.ne.jp/service/plus_message/ (in Japanese only)

1 From the Home screen, [+Message].

- To display the contacts or the message list screen, tap [Contacts] or [Message] respectively from the bottom menu.

■ Contact list screen



■ Message list screen



① Switching tabs

- Tap to switch between displaying all contacts and only +Message users (contact with  icon) to display.

② My profile

- Your own contact is displayed. Tap to display/edit my profile.

③ Official Account

- Tap to display official accounts.

④ Favorite contact

- The contacts set to Favorites are displayed in the upper part of contact list, below "Official Account".

⑤ : It is the icon indicating he/she is a user of +Message.

- You can exchange group messages, photos, stamps, etc. among the contacts with this icon displayed.

⑥ Contacts

- Tap to check detail of contact.

⑦ : Add by QR code/new contact

⑧ Profile image

- The other party's profile image is displayed. The image that the other party registered to his/her own profile takes precedence over the image you registered to the contact.

⑨ Message : Open the message screen

⑩ Official Account

- Accounts run by enterprise. The icons are shown in square shape () framed by circle.

⑪ : Display the submenu

- Read all : Change all unread messages to read messages.
- Sort messages : Sort messages.

⑫ : Approval mark indicating that it is passed the DOKOMO examination.

⑬ : Create a new message and new group message.

Sending a message

- 1 **From the Home screen, [+Message].**
- 2 **From the bottom menu, [Message]**
 ▶▶▶ **[New message]/[New group message].**
 - Group message is a function which allows multiple +Message users (👤 icon displayed in the contact) to exchange messages among them.
- 3 **Select a recipient.**
 - To send a recipient who is not registered to Contacts, tap [Enter name and phone number] and input a phone number directly.
 - For group message, select multiple recipients and then tap [OK].
- 4 **Enter a message in the message field▶▶▶ (Send).**
 - If the recipient is a +Message user, sending photos, videos, or stamps is available.

Message screen



- ① 📞 : Activate "Phone" application and make a call
- ② ☰ : Display the submenu
 - You can register contacts, change the call settings, etc.
- ③ 📷 : Activate camera
 - Touch and hold to shoot a photo and then you can send it consecutively.

- ④ : Display a sharing menu to send photos, stamps, location information, etc.
 - While the sharing menu is displayed, you can use functions such as sending images or recording voice.
- ⑤ Message entry field
 - You can enter a message.
- ⑥ : Switch to the stamp selection screen
- ⑦ : Send an entered message.
- ⑧ Message delivery status
 - : The recipient has checked the message
It is available only when the settings of "Use message read function" of both sender and recipient are ON.
 - : Message is received on the recipient device
 - (No icon) : Message is sent to the sever
 - : Sending message failed
- ⑨ : Switch to the image selection screen
- ⑩ : Switch to the text entry screen
- ⑪ : Switch to the voice recording screen
- ⑫ : Switch to the map screen
- ⑬ : Select contacts/Sketch/file sharing

Short Message Service (SMS) information

- You can send/receive it to/from users of overseas network operators. Refer to NTT DOCOMO website for the countries/regions, overseas network operators that provide this service.
- To send SMS to users of overseas network operators, enter "+", "Country code" and then "the recipient mobile phone number". Enter the phone number without a leading "0", if any. Alternatively, enter "010", "Country code" then "the recipient mobile phone number" in order.
- You cannot send SMS messages if "#" or "★" is included to a recipient address.
- You cannot send an SMS message with 184/186 prefixed to a recipient phone number.

+Message information

- To use "+Message" application via international roaming, set Enable +Message service while roaming to ON (it is set to OFF by default). Also, Turn on "Data roaming" of the terminal setting.
- Before receiving messages, activate "+Message" application and agree with the +Message terms of use, etc. even if you were a +Message user of the previous terminal before model change or MNP transfer.

Reading a message

Sent/received messages are displayed in thread by recipient/sender.

- 1 **From the Home screen, [+Message].**
- 2 **From the bottom menu, [Message]**
▶ **Select a thread you want to read.**
 - Functions used for replying to messages (P.119)

Forwarding a message

- 1 **From the Home screen, [+Message].**
- 2 **From the bottom menu, [Message]**
▶ **Select a thread.**
- 3 **Touch and hold a message▶ .**
- 4 **Select a recipient and enter a message▶  (Send).**

Deleting a message

- 1 **From the Home screen, [+Message].**
- 2 **From the bottom menu, [Message]**
▶ **Select a thread.**
- 3 **Touch and hold a message▶ ▶ [Delete].**
 - Only messages on the terminal can be deleted. You cannot delete messages on the recipient device. Note that deleted messages cannot be restored.
 -  may not appear when an image is selected, etc. In that case, ▶ [Delete]
▶ [Delete]

Deleting a thread

- 1 **From the Home screen, [+Message].**
- 2 **From the bottom menu, [Message]**
▶ **Select a thread you want to delete.**
- 3 **▶ [Delete].**
 - If you delete a thread of group message, you will be left from the group.

Changing the settings of +Message

- 1 From the Home screen, [+Message].
- 2 From the bottom menu, [MyPage]►[Settings].

Message	Set for messages, back up/restore, etc.
Official Account	Set the notification sound for official accounts.
Photos and videos	Set for file attachment, etc. such as photos or videos when sending/receiving.
Screen display	Set the theme color, or background of message screen.
Notification	Set notifications.
Privacy	Set a passcode, block list, etc.
Others	Set Transfer user information, Initialize +Message service, etc.

Using the Official Account feature

- 1 From the Home screen, [+Message].
- 2 From the bottom menu, [Official Account].
- 3 In the Official account store screen, tap the account you want to use.
- 4 Mark "I have read and accepted the Terms and conditions and will use this Official Account".
- 5 [Start].

Gmail

You can use the email services provided by Google or by general providers.

- Set up your Google account (P.46) or email account by following the onscreen instructions, if you have not already done so.

❖ Information

- For details on Gmail, from the Home screen, tap [Google] ► [Gmail] ► ≡ ► [Help & feedback] to see Gmail Help.

Sending Gmail

- 1 From the Home screen, [Google] ► [Gmail].**
- 2 [Compose].**
- 3 Enter the email address of recipient.**
 - Tap ▼ to add Cc or Bcc recipients.
- 4 Enter a subject and message.**
- 5 ► (Send).**

❖ Information

- To attach a file, tap  while creating a Gmail and follow the onscreen instructions to select files.

Refreshing Gmail

- 1 From the Home screen, [Google] ► [Gmail].**
- 2 In the Inbox, swipe (flick) the screen down.**
 - This refreshes the Inbox.

Early Warning "Area Mail"

Area Mail is a service which allows you to receive earthquake early warning or tsunami warning, emergency warning related to weather etc. delivered by the Meteorological Agency, and disaster/evacuation information delivered by the national government or local governments without being influenced by congestion.

- Area Mail is a free service for which subscription is not required.
- Area Mail cannot be received in the following case.
 - When the power is off
 - During International roaming
 - In Airplane mode
 - When software is being updated
 - When the PIN code entry screen for the SIM card lock is displayed
- If the permission of phone calls & SMS is OFF on the main-user (owner) settings, sub-user cannot receive disaster/evacuation information.

Receiving Early Warning "Area Mail"

When Area Mail is received, a notification content screen appears and you are notified by dedicated buzzer sound or dedicated ringtone and vibration.

- The buzzer sound and the ringtone cannot be changed.

- 1 Receive Area Mail automatically.**
- 2 The buzzer or the ringtone sounds.**
- 3 A message of Area Mail appears.**

Checking received Area Mail later

- 1 From the Home screen,
▶[Disaster kit].**
- 2 [Early Warning "Area Mail"]▶[Area Mail].**
- 3 Select an Area Mail from the Area Mail list.**

Deleting Area Mail

Deleted Area Mail messages cannot be restored.

- 1 **From the Home screen,**
 ► [Disaster kit].
- 2 **[Early Warning "Area Mail"]** ►
[Area Mail].
- 3 **From the Area Mail list, touch and hold any Area Mail** ►  ► [DELETE].

Chrome

Use "Chrome" application to view websites just like on a PC via packet communication or Wi-Fi.

Viewing websites

- 1 **From the Home screen, tap** .
- 2 **Tap the address entry field at the top of the screen.**
 - When the address entry field is not displayed, swipe (flick) down the screen to display.
- 3 **Enter a website address or keyword to search.**
 - While  appears in the address entry field, tap to enter a search word in voice sound.
 - As you enter an address or characters, retrieved website list appears.
- 4 **Select a candidate or tap**  **on the software keyboard.**
 - To zoom-in/-out web pages, pinch-out/-in on the screen.
 - To go back to the previous page, tap .

❖ Information

- To copy text in a web page, touch and hold a text ►
Drag  or  to select a range of text ► Tap [Copy].

Adding a new tab

Open multiple tabs and view websites.

1 From the Home screen,  ► : ► [New tab].

2 View website.
• A number in the icon next to the address entry field indicates the number of tabs that are opened.

Opening incognito tab

You can view websites without recording history and search history.

1 From the Home screen,  ► : ► [New Incognito tab].

2 View website.

❖ Information

- Around address entry field is displayed in gray with incognito tab.
- To close an incognito tab, see "Closing a tab" (P.126).
- Websites viewed with the incognito tab are not displayed in History. When the tab is closed, record of Cookie etc. is erased. Downloaded files or bookmarked websites can be saved with the incognito tab.

Changing tabs

1 .
• Currently opened tabs are displayed with thumbnails in a list.

2 Tap the tab.

❖ Information

- A number in the icon explained in Step 1 varies by the number of tabs that are opened.

Closing a tab

1  ► Tap  of tab you want to close.
• Alternatively, swipe (flick) a tab left or right to close it.

❖ Information

- A number in the icon explained in Step 1 varies by the number of tabs that are opened.

Searching text in a web page

1 From the Home screen,  ► : ► [Find in page].

2 Enter a search word.
• Tap  /  to move the highlight to the next/previous item.

❖ Information

- Tap  to close the search bar.

Changing Chrome settings

1 From the Home screen, tap .

2 : ►[Settings].

Turn on sync	Set to enable sync.
Google services	Set Google services.
Search engine	Set the search engine.
Passwords	Set whether to save the passwords entered to websites etc.
Payment methods	Set whether to use autofill of payment method, or set a credit card information for using autofill.
Address and more	Set whether to use autofill of information such as an address, or save information such as an address, name, phone number, email address to use autofill.
Privacy and security	Set to access payment methods, pre-load web pages, etc. or delete browsing history data.
Safety check	Check whether your device is protected from data intrusion or threats from unsafe websites or not.
Notifications	Set notification method for Chrome.
Theme	Set the theme for Chrome.
Homepage	Set a page which appeared when  is tapped.
Accessibility	Set the font size, zooming, etc.
Site settings	Set Cookie, JavaScript, or other settings related to website.

Languages	Show text of websites in set language. • In some websites, the text may not be shown in the set language.
Lite mode	Set whether to accelerate loading pages by reducing data usage.
Downloads	Set a saving location etc. for downloading.
About Chrome	Check the versions of Chrome etc.

Operating links

Touch and hold a link or an image in a web page to copy the URL or download the image.

❖ Information

- In some website, downloading of files etc. may not be available.

Managing bookmarks and history

You can check history, save bookmarks, etc.

Bookmarking a website

- 1 From the Home screen,  ► **Display a website to bookmark.**
- 2 : ► ☆.

Opening a bookmark

- 1 From the Home screen,  ► : ► **[Bookmarks].**
- 2 Tap the bookmark you want to open.

❖ Information

- You can edit or delete a bookmark, move to folder, etc. by tapping : in the bookmark list, or touching and holding the bookmark.

Checking history

- 1 From the Home screen,  ► : ► **[History].**
- 2 Tap a history to check.

❖ Information

- To delete history, tap ✕ of history.
- To delete all history, [Clear browsing data...] ► Select the period to clear the data ► Confirm that "Browsing history" is marked, then tap [Clear data]. If the confirmation screen appears, follow the onscreen instructions.

Camera/Photos

Camera

- Captured data such as photos or videos shot by the terminal is saved to the internal storage. To save it to a microSD card, insert the microSD card and change the data storage before using the camera (P.138).
- If the terminal temperature rises, the camera may not activate or may stop.

■ About the Copyright and Portrait rights

Movies, still images, and sounds recorded on the terminal are prohibited by the copyright law from use without consent of the copyright holders, unless intended for personal use or any other purpose permitted by law. Also, using or transformation of other person's portrait or name without his or her permission may violate the portrait right. When you post recorded images etc. on the Internet web pages etc., make sure to be aware of the copyright and portrait right. Note that some performances, shows, and exhibitions may be restricted to record even for personal use. Transmission of images related to copyright or beyond the scope provided in the copyright law is not available.

Shooting/sending images

Please be considerate of the privacy of individuals around you when taking and sending photos using camera-equipped mobile phones.

If you cause the public any trouble using the terminal, you may be punished under law or regulations (for example, nuisance prevention ordinance).

Activating the camera

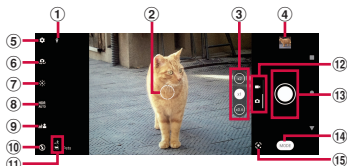
1 From the Home screen, [Camera].

- A shooting screen appears.

❖ Information

- Alternatively, touch and hold  on the lock screen to activate the camera quickly.
- The camera ends when a certain time has elapsed with no operations on the shooting screen.

Shooting screen



① Display area for status icons

- The icon etc. for Save location (Geo-tag) ON is displayed here. Also, a red battery icon and remaining battery are displayed when the battery level is low.

② Auto focus frame

- Appears when the screen is tapped.

③ Switch of triple lenses/Zoom indicator

- Tap the icon (0.6x) (ultra-wide angle lens)/ (1x) (wide angle lens)/ (2x) (telephoto lens) to switch the lens. Drag the icon up or down (left or right for portrait view) to zoom.

④ Thumbnail

- Tap to view or edit shot photos or videos. To return to the shooting screen, tap [Back] or [Home], or swipe (flick) the screen down.

⑤ MENU (P.135)

⑥ Switch the main camera/front camera

⑦ Adjust brightness/color shade (P.138)

⑧ HDR setting (P.139)

⑨ Set bokeh effect (P.139)

⑩ Flash setting (P.139)

⑪ Scene/Condition

- In "PHOTO" mode, the camera detects the scene and displays the icon. Also, it detects the status that camera is moving (🚶), or fixed (📵), or an object is moving (🏃) and then displays the icon.
- Scene/condition does not appear if you tap [Shutter] of brightness/color shade (P.138) to turn to [Shutter].

⑫ Switch PHOTO/VIDEO

- Switch capturing mode between "PHOTO" and "VIDEO". Swipe (flick) up or down in landscape view, or right or left in portrait view.

⑬ Shutter (PHOTO)

Start/stop/pause shooting (VIDEO)

- Depending on setting, the icon of Self-timer or Touch capture is displayed.

⑭ Change the capturing mode (P.131)

⑮ Shortcut of capturing mode

- The icon of recently used capturing mode is displayed. You can switch to the capturing mode immediately by tapping this icon.

❖ Information

- The display and operations differ depending on the capturing mode etc.
- To adjust magnification in detail, do as follows.
 - Set "Use Volume button as" (P.138) to "Zoom" and operate with the volume key
 - Pinch-in/-out the screen
- Switch of lens or use of zoom is not available when shooting with the front camera or depending on the capturing mode.
- By default setting, an auto-focusing frame appears when the shooting screen is tapped in "PHOTO" mode, and focus and brightness will be adjusted at the position where you tapped.
- The scene mode may not be detected correctly depending on shooting conditions.
- Operate switch of the triple lenses, switch to the front camera and then to the main camera again, the wide-angle lens () is restored.

Capturing mode

Changing "PHOTO" or "VIDEO" mode

- 1 From the Home screen, [Camera].**
- 2 Swipe (flick) the screen to display the shooting screen in "PHOTO"/"VIDEO" mode.**
 - Shooting method (P.133, P.134)

Changing the capturing mode

You can use "Night mode", "Manual", "Slow motion", "Portrait selfie" in addition to "PHOTO" and "VIDEO" to shoot various photos or videos.

- 1 From the Home screen, [Camera].**
- 2 On the shooting screen, [MODE]► Select the capturing mode.**
 - When  is displayed on the shooting screen in each mode, tap it to return to "PHOTO" mode.

■ Main capturing mode and Still image size/Video size

Capturing mode	Still image size/Video size	
PHOTO/ Night mode/ Manual	Main camera* : 4:3 (12MP) 16:9 (9MP) 1:1 (9MP) 21:9 (7MP)	Front camera : 4:3 (8MP) 16:9 (6MP) 1:1 (6MP) 21:9 (5MP)
VIDEO	Main video camera : Full HD (16:9) Full HD (16:9 60fps) 1920×824 (21:9) 1080×1080 (1:1) HD (16:9)	Front video camera : Full HD (16:9) 1920×824 (21:9) 1080×1080 (1:1) HD (16:9)

* The image size varies by selected lens.

❖ Information

- Shooting in "Night mode" mode takes a while to complete shooting. Do not move the camera until the shooting is complete.
- For shooting in "Slow motion" mode, sufficient brightness is needed because of its high-shutter speed.
- If you shoot in a place where quantity of light is lacking such as indoors or a dark place in "Slow motion" mode, the shot image may be rough or darkened.
- Switch of triple lenses is available only in "PHOTO", "VIDEO" and "Night mode" modes. In "Manual" or "Slow motion" mode, use the zoom operation.

- To save the following shot data to microSD card, using the microSD card (UHS speed class 1 or more or Speed Class 10) which supports high-speed writing is recommended.
 - Slow motion

■ Notes on shooting with Panorama

- The following cases are not suitable for shooting with Panorama.
 - Shooting a moving object
 - Shooting the main object that is too close to the camera
 - Shooting an object which has a repetition of the same pattern such as sky, beach, grass, etc.
 - Shooting a big object
 - Shooting an object which has a constantly changing pattern such as wave, waterfall, etc.
- Because two or more images are joined together, joints may not be recorded smoothly.
- Images may be blurred or shooting may not be available in dark scenes.
- Under flickering light sources such as a fluorescent light, you may not be able to shoot properly since brightness or color balance of the joined image is unstable.

- If the brightness, color balance, focus point of whole image, etc. are extremely different between the entire angle view of Panorama shot and the focused angle view, the image may not be shot properly.

Shooting photos

■ Shooting with the shutter icon

- 1 From the Home screen, [Camera].**
- 2 Swipe (flick) the screen to display "PHOTO" mode shooting screen.**
- 3 Tap the shutter icon (📷).**
 - You can shoot continuously (up to 100) while 📷 is kept touching.

■ Shooting with Touch capture

- Set "Touch capture" (P.137) to ON.
- 1 From the Home screen, [Camera].**
 - 2 Swipe (flick) the screen to display "PHOTO" mode shooting screen.**
 - 3 Tap the shooting screen.**
 - You can shoot continuously (up to 100) while touching the shooting screen.

■ Shooting with the volume key

- Set "Use Volume button as" (P.138) to "Shutter" in advance.
- 1 From the Home screen, [Camera].**
 - 2 Swipe (flick) the screen to display "PHOTO" mode shooting screen.**
 - 3 Press the volume key.**
 - While the volume key is kept pressing, you can shoot continuously (up to 100).

■ Shooting with Hand Shutter

When shooting with the front camera, turn your palm toward the camera to shoot automatically. You can take picture of yourself without operations such as tapping an icon.

- Hand Shutter is available for shooting with front camera in "PHOTO", "Night mode" and "Manual" modes. It does not support the "Portrait selfie" mode.
- Set "Auto capturing" (P.136) to "Hand Shutter".

<Example> Shooting in "PHOTO" mode

- 1 From the Home screen, [Camera].**
- 2 Swipe (flick) the screen to display "PHOTO" mode shooting screen.**

3 Switch to the front camera and then turn your palm toward the camera.

- When a palm mark appears, a photo is taken.
- Tap  to set self-timer.

❖ Information

- Continuous shooting is available in the "PHOTO" and "Manual" modes. However, the front camera does not support continuous shooting.
- Continuous shot data is saved to the internal storage even if the data storage is set to "SD card".
- When the auto focus frame does not appear, focusing may be failed.
- When faces of objects are detected, a frame appears on the position of each face (up to 5 frames). Only the face which is automatically focused on is framed in yellow. You can tap the other frame to change a face to be focused.

Shooting videos

■ Shooting with the start/stop icon

- 1 From the Home screen, [Camera].
- 2 Swipe (flick) the screen to display the shooting screen in "VIDEO" mode.
- 3 Tap the start shooting icon ().
- 4 Tap the stop icon ().
 - Tap the pause/resume shooting icon ( / ) to pause/restart shooting.

■ Shooting with Touch capture

- Set "Touch capture" (P.137) to ON.
- 1 From the Home screen, [Camera].
 - 2 Swipe (flick) the screen to display the shooting screen in "VIDEO" mode.
 - 3 Tap the shooting screen.
 - To stop, tap the shooting screen again.
- ### ■ Shooting with the volume key
- Set "Use Volume button as" (P.138) to "Shutter" in advance.
- 1 From the Home screen, [Camera].
 - 2 Swipe (flick) the screen to display the shooting screen in "VIDEO" mode.

3 Press the volume key.

- Press the volume key again to stop shooting.

❖ Information

- Do not cover the mouthpiece/microphone with fingers etc. when shooting videos.
- When the shutter icon () is displayed while shooting video, tap to shoot photos.
- The shutter sound does not emit when photos are taken while shooting a video.

Changing settings when shooting

Changing from the menu

- The displayed items or operations vary by the capturing mode, main camera/front camera, or lens type.
- Some settings may not be available in combination with the other one.

1 From the Home screen, [Camera].

2 ▶ Select a setting item.

- For some capturing modes, tap  on the shooting screen to set.

3 Change the setting.



You can check the introduction to features of the camera.

■ Self-timer : "PHOTO" mode*¹

Set the number of seconds for the self-timer.

The shutter icon changes into a timer icon. Tap it to shoot after set period of time (seconds) elapses.

Use the self-timer to take self-portraits or group photos. You are recommended to use the self-timer for avoiding camera shake.

■ Still image size : "PHOTO", "Night mode", "Manual" mode

Set the still image size. The larger a still image size is, the larger the photo data volume is.

■ Video size : "VIDEO" mode

Set video size. The larger a video size is, the larger the data volume is.

■ Object tracking : "PHOTO", "VIDEO" mode*¹

Tap an object on the shooting screen to keep focusing on the object even if it is moving.

■ **Touch to adjust : "Manual" mode*1**

Set the operation when tapping the shooting screen.

Object tracking

Tap an object to keep focusing on even if the object moves.

Focus only

Focus on the tapped position.

Focus and brightness

Focus on the tapped position and adjust the brightness.

■ **Metering : "Manual" mode*1**

Measures the brightness of the shooting screen to determine the optimal balance of exposure automatically.

Face

Detects faces to measure the brightness and adjust the exposure to appropriate brightness.

Center

Places importance on the center of the shooting screen and measure the brightness of whole screen to adjust the exposure.

Spot

Measure the brightness at only one spot on the shooting screen to adjust the exposure.

Average

Measure the brightness of the screen in multiple division and adjust the exposure with the balance of whole screen.

■ **Auto capturing : "PHOTO"/"Night mode"/"Manual" mode*2**

Set whether to shoot automatically by turning your palm toward the front camera (P.133).

■ **Video stabilization : "VIDEO" mode**

Set whether to decrease blur by hand shake when shooting.

■ **Soft skin effect : "PHOTO"/"Night mode"/"Manual" mode**

Set whether to shoot applying smooth skin correction.

■ **Lens correction (photo) : "PHOTO", "Night mode" mode*1*3**

Set whether to correct distortion of photos.

Prioritize image quality

Set to prioritize the image quality.

Prioritize correction for distortion

Prioritizes correction more than image quality. It is set by default.

- When shooting continuously (continuous shooting), this feature setting is disabled and "Prioritize image quality" works automatically.

■ **Sharpen faces : "PHOTO", "Night mode" mode*2**

Set whether to correct sharpness of portrait to shoot more clear photos.

■ Video backlight correction : "VIDEO" mode

Set whether to determine backlight automatically when shooting and correct images.

■ Digital zoom settings : "PHOTO" mode*1

Set the digital zoom method.

Standard digital zoom

Zoom images using digital processing based on the image sensor data.

Super resolution zoom

Zoom images using digital processing that preserves more of the original image quality.

■ Zoom composition assist : "PHOTO" mode*1

Set whether to display a magnification frame to check shooting image using zoom. Frame an object and then tap the magnification to set the zoom magnification.

■ QR Code reader : "PHOTO" mode*1

Set whether to scan QR codes.

■ Save location

Set whether to tag photos/videos location information (Geo-tag) for the shooting spot.

- Location information will be added when shooting if  is displayed on the shooting screen.
-  appears while acquiring location information. While acquiring location information, geo-tags cannot be added when shooting.

■ Touch capture

Set whether to shoot by tapping the shooting screen.

Set "Only front camera" to shoot with Touch capture by switching to the front camera.

■ Grid lines

Set whether to show a grid line on the shooting screen as a guide.

■ 1:1 Frame lines

Set whether to display 1:1 frame lines on the shooting screen.

■ Auto photo preview

Set whether to display the preview immediately after an image is shot.

Set to "Only front camera" to display the preview only when an image is shot with the front camera.

■ Use Volume button as

Select the function from "Zoom", "Volume", or "Shutter" to assign to the Volume key for shooting.

■ Data storage

Set the saving location for shot photos/videos.

■ Accessibility

Display the information about "Partially compliant".

■ Reset settings

Reset the camera setting. Reset the setting of "PHOTO", "VIDEO", "Night mode" or "Manual" mode.

■ Preview : "Creative effect" mode

Set whether to display the preview screen or the edit screen immediately after shooting.

*1 Available only when shooting with the main camera

*2 Available only when shooting with the front camera

*3 Available only for ultra-wide angle lens

Changing with the setting icons

Tap the icon displayed on the shooting screen to change the setting.

- The displayed icons or operations vary by the capturing mode, main camera/front camera, or lens type.
- Some settings may not be available in combination with the other one.

■ Brightness/color shade : "PHOTO", "VIDEO", "Night mode", "Slow motion" mode

Tap  to adjust brightness and color shade. To make adjustments, drag the slider appeared on the shooting screen.

Tap  or  to hide the adjusting bar and reset the setting.

- When the brightness adjusting bar appears when tapping the shooting screen in "PHOTO" mode, consecutively tap  (for portrait view, ) to display the color shade adjusting bar.

- **HDR : "PHOTO", "Manual" mode**
Set whether to shoot photos with natural impression in a state closer to that seen with the eye even when there is contrast in brightness.



- When HDR is On in "Manual" mode, ISO is set to "AUTO".
- **Aspect ratio : "Night mode", "Manual", "Portrait selfie" mode**
Set aspect ratio of photo to shoot. Still image size varies by the setting.



- **Bokeh : "PHOTO" mode**
Shoot photos with bokeh effect.
 Drag the slider to set.
Tap or to hide the adjusting bar and reset the setting.

- **Self-timer : "PHOTO", "Night mode", "Manual", "Portrait selfie" mode**
Set a countdown number of seconds for the self-timer.
The shutter icon changes into a timer icon.
Tap it to shoot after set period of time (seconds) elapses.
Use it to take self-portraits or group photos.
You are recommended to use the self-timer for avoiding camera shake.



- **Flash : "PHOTO", "Manual" mode**
 Auto
 Fill flash/On
 Red-eye reduction
 Off
 Flashlight

- **Flashlight : "VIDEO", "Slow motion" mode**
Set whether to use flash when shooting videos.
 HDR: On
 HDR: Off

■ Manual advanced setting : "Manual" mode

Set white balance, ISO , etc. manually. Tap

 to show/hide the setting icons.

White balance

Set according to ambient light source.

Tap **WB** to set.

 Incandescent

 Fluorescent

 Daylight

 Cloudy

 AUTO

Brightness (EV)

EV ▶ Tap a point to set the slider or drag the slider.

ISO

ISO ▶ Tap a point to set the slider or drag the slider.

- When ISO sensitivity is high, you can shoot brightly with blurring reduced even in a place where quantity of light is low. However, noise stands out.
- When ISO sensitivity is low, you can shoot with noise reduced. However, the images may be dark in a place with low quantity of light and tend to have blurring.

Shutter speed

Set the shutter speed according to a speed etc. of movement of object.

SS ▶ Tap a point to set the slider or drag the slider.

Focus mode

Set it according to a distance from an object to be focused on.

 ▶ Tap a point to set the slider or drag the slider.

■ Portrait selfie advanced setting : "Portrait selfie" mode

Set correction of contour, bokeh, etc.

Mirror

Set whether to save the mirror image.

 On

 Off

Touch capture

Set whether to use the touch capture.

 On

 Off

Correction effect

Tap the icon ▶ Tap a point to set the slider or drag the slider.

 Slender face

 Eye enlargement

 Skin brightness

 Soft skin

 Bokeh

■ Switch of effect : "Creative effect" mode

Tap  to switch a type of effect. You can make various settings according to the type of effect.

Photos

View, playback, or manage photos or videos.

Displaying photos or videos

1 From the Home screen, [Photos].

2 Tap the image or video.

- The photo or video is displayed.
- Touch and hold a file in the file list screen to display the menu such as Share or Delete. You can also select multiple files by tapping the other file successively.

❖ Information

- For details on "Photos" application, open the Google account menu in the Photo screen ► Tap [Help & feedback] to see Help.

Deleting files (photo, video)

1 From the Home screen, [Photos].

2 Touch and hold a file to delete.

- You can also select multiple files by touching and holding a file and then tapping the other file successively.

3 ► [Move to trash].

- Files moved to the trash will be cleared from the Google account and its synced device (the terminal) after a certain period of time.
- To clear them only from the device (the terminal) but keep in the Google account, confirm that they are backed up to the Google account and then tap  ► [Delete from device] ► [Delete from device].

dメニュー (dmenu)

In dmenu, you can easily access sites recommended by DOCOMO or convenient applications.

1 From the Home screen, [dメニュー (dmenu)].

- Browser is activated, "dメニュー (dmenu)" appears.

❖Information

- To use dmenu, make sure that the terminal is connected to the network (P66).
- For connecting dmenu and downloading applications introduced in dmenu, packet communication charge is applied separately. Some applications automatically perform packet communications.
- Paid applications are included to the applications introduced in dmenu.

dmarket

Provides a variety of services such as selling music, videos, books or other digital contents, accessing to shopping sites, etc.

1 From the Home screen, [dmarket].

❖Information

- For details on dmarket, refer to the following website.
<https://dmarket.docomo.ne.jp/common/about/index.html> (in Japanese only)

Play Store

Use Google Play to install useful applications or fun games to the terminal.

- To use Google Play, you need to set up a Google account (P46).
- For details on purchasing applications, returning your purchases, or requesting a refund, see Google Play Help.
- Once you accept the installation of an application, you will be held responsible for its use. Be careful especially about applications which access many functions or large amount of data.
- Make sure the security of application, then install it at your own risk. The terminal may be infected with a virus and the data may be damaged.
- NTT DOCOMO is not liable for any malfunctions or disadvantage brought to you or any third party due to application which you installed and provided by a third party including Google LLC.
- For the application which you installed from Play Store and provided by the third party including Google LLC, contact each provider.

Installing an application

- 1 From the Home screen, [Play Store].**
- 2 Search applications▶ Tap an application to install.**
 - Check the displayed contents carefully and follow the onscreen instructions.

❖ Information

- Some applications automatically perform packet communication. Note that high packet communication charge may be incurred.
- Some applications may be updated automatically.

Uninstalling an application

- 1 From the Home screen, [Play Store].**
- 2 Open the Google account menu.**
- 3 [Manage apps & device]▶ Tap "Manage" tab.**
- 4 Tap the applications to uninstall▶ [Uninstall]▶ [Uninstall].**
 - To uninstall a charged application, follow the onscreen instructions. For details, see Google Play Help.

Osaifu-Keitai

This function allows you to use "おサイフケータイ対応サービス (Osaifu-Keitai compatible service)" by which you can pay money or use as a point card.

You can save electronic money, points, etc. to the IC card of the terminal to check the balance or points on the screen. Also, you can prevent from being abused in case of theft or loss by locking Osaifu-Keitai function.

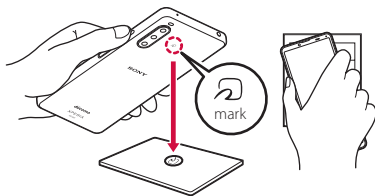
For details on Osaifu-Keitai, see NTT DOCOMO website.

- Make settings from the dedicated website or application to use Osaifu-Keitai compatible services.
- The data in the IC card* may be lost or altered because of the malfunction of the terminal (when we repair your terminal etc., as we cannot keep it with data remained, you are required to erase the data by yourself). For support such as reissuance, restoration, temporary preservation or transfer of data, contact each Osaifu-Keitai compatible service provider. To keep your important data, be sure to use Osaifu-Keitai compatible services with backup services.

- If the data in the IC card is lost, altered or damaged by any means such as malfunction or model change, DOCOMO assumes no responsibility for the loss related to Osaifu-Keitai compatible services.
- If the terminal is stolen or lost, immediately contact DOCOMO and the Osaifu-Keitai compatible service provider to inquire about suspension of use etc.
- * Data saved in the IC card installed in the Osaifu-Keitai compatible terminal

Notes on hovering over the device

Please note the following when hovering the terminal over an IC card reader or NFC module equipped device.



- Bring  mark close to the device slowly without hitting it strongly.
- Hover  mark over the center of the device in parallel. If scanning fails even with it hovered over the center of the scanner, slightly lift up the terminal, or move it backwards/forwards or to the left/right.
- If there is any metal object between  mark and the other device, scanning may fail. Putting the terminal into a case or cover may affect communication. In that case, remove the case or cover.

Enabling the NFC/Osaifu-Keitai function

- 1 **From the Home screen,  [Settings] ► [Device connection] ► [Connection preferences].**
- 2 **[NFC/Osaifu-Keitai] ►  of "NFC/Osaifu-Keitai".**
 - The NFC/Osaifu-Keitai function is enabled. When the NFC/Osaifu-Keitai function is enabled, all of the Osaifu-Keitai compatible services are available.

❖ Information

- While the camera is activated, the NFC/Osaifu-Keitai function is not available.

Using "Osaifu-Keitai compatible service"

To use the Osaifu-Keitai compatible service, set services in the Osaifu-Keitai app.

- Enable the NFC/Osaifu-Keitai function in advance (P.145).

1 From the Home screen,

 **[Osaifu-Keitai].**

- If the initial settings are not complete, the initial setting screen appears. Follow the onscreen instructions.

2 Select a service.

3 Set the service.

- Set it from the service application or the website.

4 Hold mark of the terminal over an IC card reader.

❖Information

- You can use the service by hovering over an IC card reader without activating Osaifu-Keitai compatible application.
- These services are available even when the terminal is off. However, they may not be available if the terminal has been off for a long time, the battery is too low, or while certain period of time after the powering on the terminal.

- Packet communication charge may incur because the Osaifu-Keitai compatible application performs communication which is necessary for providing the Osaifu-Keitai services in the background regardless of the setting of "STAMINA mode" (P.175) or "Data Saver" (P.168).
- After the power of the terminal is turned on, the terminal is restarted, or the software is updated, unlock the screen lock and then hover over the reader to use the Osaifu-Keitai compatible service.
- Note that some functions may not be available depending on Osaifu-Keitai compatible service that you use via communication other than sp-mode. Note that ahamo plan does not support sp-mode.

Locking the Osaifu-Keitai function

You can restrict the use of Osaifu-Keitai function and related services by locking Osaifu-Keitai.

Setting "NFC/Osaifu-Keitai lock ON/OFF"

Restrict the function used by hovering the terminal in sleep mode.

- If you set "Screen lock" (P.186) or "Fingerprint Manager" (P.189), cancel it and then use the function.

1 From the Home screen, **[Settings]** **[Device connection]** **[Connection preferences].**

2 [NFC/Osaifu-Keitai]▶ of "NFC/Osaifu-Keitai lock ON/OFF".

■ NFC

NFC is an abbreviation for Near Field Communication and a short range wireless communication method of international standard defined by ISO (International Organization for Standardization). You can use a contactless IC card function, Reader/Writer function and others.

Contactless payments

- Enable NFC/Osaifu-Keitai function in advance (P.145).

- 1 **From the Home screen, ▶ [Settings]▶ [Device connection]▶ [Connection preferences].**
- 2 **[NFC/Osaifu-Keitai]▶ [Contactless payments].**
- 3 **[Payment default]▶ Select an application▶ .**
- 4 **[Use default]▶ [Expect when another payment app is open]/ [Always].**

iDアプリ (iD application)

"iD" refers to electronic money offered by DOCOMO. Once you have set up "iD" on your Osaifu-Keitai, you can make shopping easier and more comfortable just hovering the terminal over an IC card reader at various shops. Card information for more than two cards can be registered and you can choose them depending on privilege, etc.

- To use iD with your Osaifu-Keitai, you need to set on the iD application etc. For issuing method, inquire each card company.
- The charges required for iD service (including the annual charge) vary by card issuer.
- Setting up the iD application or checking its information overseas will incur packet communication charges that are different from those in Japan.
- For information on iD, refer to the iD website. <https://id-credit.com/> (in Japanese only)

Music

Use Music to play back music stored in the internal storage or a microSD card.

- Available codec of data that can be played (P.234)

Playing music data

- Do not unmount a microSD card (disable reading/writing) (P.176) while playing music.

- 1 From the Home screen,**
 ► **[Music].**
- 2 ≡ ► Select the category ► Select a song to play.**

❖ Information

- Tap  to return to the Home screen with a song played in background. From the Home screen,  ► **[Music]** to display the Music screen. Also, drag the status bar down and tap the control panel to open the playback screen.
- High-resolution audio sound can be played in high resolution audio by connecting to high-resolution audio compatible devices.
- To play high-resolution audio sound source in the original sound quality, turn "360 Upmix" to OFF (P.177).
- In the home screen of Music, **≡ ► [Settings] ► [Audio settings] ► [Sound effects] ► Tap  of "Equalizer" to customize the sound.**
- For details on "Audio settings", refer to "Sound" (P.177).

- When  is displayed at the upper right of screen, music can be played with Google Cast devices. Tap  and then follow the onscreen instructions to connect. To play music data on a Google Cast device, connect the terminal to the same Wi-Fi network as the one the Google Cast device connected in advance (P.160).

Sharing music

Send music data via Bluetooth or mail attachment.

- 1 In the song list, touch and hold a song to send ► [Share].**
- 2 Select the application.**
 - After this step, operations vary by selected application.

❖ Information

- For some DRM protected contents or transfer applications, sharing may be limited.

Location services

Your current location can be positioned using GPS, Wi-Fi, or mobile network.

GPS function

The terminal has a GPS receiver that uses satellite signals to calculate your location. Some GPS features use the Internet. Data rates and charges may apply.

When you use GPS function to find your location, make sure you have a clear view of the sky. If GPS does not find your location after a few minutes, move to another location. To help finding location, stand still and do not cover the GPS antenna section (P.33). When you use the GPS function for the first time, it may take a few minutes to find your location.

- Use the GPS system with great care. DOCOMO is not liable for any damage caused by abnormality of the system.
- Note that DOCOMO shall have no liabilities for any purely economic loss including those due to missing a chance to check the measurement (communication) results because of external factors (including the running out of the battery), such as a failure, malfunction, or any other problems of the terminal or the power failure.

- You cannot use the terminal as a navigation device for an aircraft, vehicle, and person. Note that DOCOMO shall have no liabilities whatsoever even if you suffer damage or loss while performing a navigation using the location information.
- You cannot use the terminal as a high-accuracy measurement GPS. Note that DOCOMO shall have no liabilities whatsoever even if you suffer damage or loss due to a deviation of the location information.
- Global Positioning System (GPS) is created and managed by U.S. Department of Defense. And the department is in charge of controlling the accuracy and maintenance of the system. Therefore, some changes made by U.S. Department of Defense might affect accuracy or functions of GPS system.
- Some wireless communication products (mobile phone, data detectors and some others) block satellite signals and also causes instability of signal reception.
- Some map displays based on location information (latitude/longitude information) may be not accurate due to some countries'/regions' regulations.

■ Where radio waves are difficult to receive

Note that radio waves may not be received or it may be difficult to receive radio waves in the following conditions, since GPS uses radio waves from a satellite.

- Inside or immediately under a building
- Inside a bag or box
- Inside or under a thick covering of trees
- In a car, inside a train compartment
- When there are obstructions (people or objects) near the terminal
- Inside a basement or tunnel, and below the ground or water
- In buildings-clustered or residential area
- Near a high-voltage cable
- Bad weather such as heavy rain or snow

❖Note

- If you cannot use a part of or entire GPS function, check that the use of Internet is included in your subscription and Wi-Fi (P.160) and Mobile data (P.163) is enabled.
- NTT DOCOMO is not liable for navigation services or for the accuracy of location services.

Activating GPS/Location services

You can position your current location using GPS, Wi-Fi, and information sent from mobile network base stations.

- 1 **From the Home screen,**
 ► **[Settings] ► [Location].**
- 2  **of "Use location".**
- 3 **Read the notes on location information and tap [AGREE].**

❖Information

- Your location information is sent to Google without specifying who you are. Your location information may be sent even when the application is not running.

Using Google Maps

The Google Maps application allows you to view your current location, find other locations and search routes.

- To use Google Maps, make sure that the terminal is connected to the network (P.66).
- Google Maps does not cover the whole world.
- For details on Google Maps, open the Google account menu ► [Help & feedback] ► [Help] to see Help.

Finding the current location on the map

You can detect your current location using location information service.

- To detect current location, enable "Use location" (P.150) beforehand.

1 From the Home screen, [Google] ▶ [Maps].

Current location is shown by blue mark.

- To show the current location when it is not shown, tap .

Schedule

Displaying schedule

1 From the Home screen, ▶ [Schedule].

2 ▶ [Monthly]/[Week]/[Daily].

- Swipe (flick) the calendar left or right to display the next or previous month/week/day.

❖ Information

- To move the cursor to the current date, in Step 2, tap  ▶ [Jump to] ▶ [TODAY].
To move the cursor to the desired date, in Step 2,  ▶ [Jump to] ▶ Swipe (flick) the calendar left or right to select month and then tap a day ▶ [JUMP].
- To display all registered schedules in a list, in Step 2,  ▶ [Schedule list].
- To switch to the "Memo" application screen, in Step 2,  ▶ [Memo list].
- In monthly view, tap  at the bottom of the screen in Step 2 to display the event list for the day which the cursor is located.

Creating schedule event

- 1 **From the Home screen,**  ► **[Schedule].**
- 2  ► **Enter the item.**
- 3 **[Save].**

❖ Information

- When an alarm of schedule is set, the notification sound emits and  appears on the status bar when the set time arrives. Drag the status bar down ► Tap [It's time] to display details of the event.

Displaying events of Schedule

- 1 **From the Home screen,**  ► **[Schedule] ► Display a date/time including events.**
 - In Monthly view or Week view, tap a day accompanied by schedule item.
- 2 **Tap an event to view description.**
 - To edit an event, tap [Edit].

❖ Information

- To delete an event, touch and hold an event in Step 2 ► Tap [Delete one] ► [DELETE].
- To delete all events, from the Home screen, tap  ► [Schedule] ►  ► [Delete] ► [Select all] ► [Delete] ► [DELETE].

Setting display conditions in Schedule

When a search criteria is set, specified data can be displayed.

- 1 **From the Home screen,**  ► **[Schedule].**
- 2  ► **[Conditions].**
- 3 **Select the display condition ► [OK]** ► .

❖ Information

- To search the contents entered in "title", "text" and "place", in Step 3, [Free word search] ► Enter a search word ► [OK] ► [OK] ► .

Clock

You can use the alarm, world clock, timer, stopwatch and bedtime.

- For details on Clock, see the Help from the current Clock screen,  [Help].

Setting an alarm

1 From the Home screen,
 ► [Clock] ► "Alarm" tab.

2  ► Set a time ► [OK].

- Set alarm details as required.
- Tap  to close the settings screen.

❖ Information

- In the alarm screen, tap  ► [Settings] to set the time to mute or the alarm volume.
- To edit an alarm time, in the alarm screen, tap the time.
- To delete an alarm time, in the alarm screen, tap  ► [Delete].

Enabling/Disabling alarm

1 From the Home screen,
 ► [Clock] ► "Alarm" tab.

2  /  of the alarm to turn on or off.

Stopping alarm

1 While alarm is sounding, swipe (flick)  right.

❖ Information

- When you swipe (flick) it left, the alarm sounds again when the set time has passed (snooze).
- Alternatively, you can operate by tapping the notification at the top of the screen when the display is on (except on the lock screen).

Using World clock

Display the time of cities in the world, time difference from the home city, etc.

1 From the Home screen,
 ► [Clock] ► "Clock" tab ► .

2 Enter a city name ► Select a city from the list.

- To add a city, repeat tapping.

❖ Information

- Swipe (flick) an added city left or right to delete.
- Time difference during summer time may differ from the displayed one.

Using Timer

- 1 **From the Home screen,**
 ► [Clock] ► "Timer" tab.
- 2 **Tap numbers to set a time.**
- 3 .
- 4 **To stop the timer sound, tap** .

❖ Information

- You can set Timer sound, etc., in the timer screen, tap  ► [Settings].

Using Stopwatch

- 1 **From the Home screen,**
 ► [Clock] ► "Stopwatch" tab.
 - 2 .
 - 3 .
- To resume it, tap .
 - Tap  to delete the measurement result.

Using Bedtime

Set operations of the terminal while sleeping or when waking up, play of pleasant sound before sleeping, or others for supporting your comfortable sleep.

- 1 **From the Home screen,**
 ► [Clock] ► "Bedtime" tab.
 - After this step, follow the onscreen instructions.

docomo Data Copy

docomo Data Copy application allows you to copy the data saved to the terminal to the other terminal or back up/restore the data. Use this application for transferring the data when changing the model or for the regular backup of important data.

- Data may not be copied, backed up, or restored correctly depending on model, OS or file type.
- Phonebook entries that can be backed up are the ones registered to the docomo account.
- When the battery level is low, copy, backup or restoration may be failed.
- For details on docomo Data Copy, refer to NTT DOCOMO website.

Data transfer

You can copy the phonebook entries, images, etc. directly to the destination device using the one-to-one direct communication which does not use the Internet.

Activate "Data Copy" applications on both a data sending terminal and a copy destination terminal, then align the two terminals.

1 From the Home screen, [Data Copy] ► [Data transfer].

- After this step, follow the onscreen instructions.
- This application is needed for both a data sending terminal and a copy destination terminal. If it is not installed, download from NTT DOCOMO website.

Backing up/Restoring

You can transfer or back up/restore the data such as phonebook contacts or images using a microSD card.

- Do not remove the microSD card or turn off the terminal during backup or restoring. The data may be damaged.
- Contacts without name registration cannot be backed up.
- If the terminal or microSD card is low on memory, backing up/restoration may be failed.
- You can back up only the data such as still images and movies stored in the internal storage with this application. The data stored in a microSD card cannot be backed up.
- The periodical backup cannot be executed at specified time if the screen is locked or "STAMINA mode" (P.175) is activated at that time. Instead, it will be executed the next time when the backup activation is possible.

Backup

Back up the data such as phonebook entries or media files to a microSD card.

- 1 **From the Home screen,  ► [Data Copy] ► [Backup & Restore].**
 - You can set a password for backup data and encrypt the data when the encryption settings screen appears. Confirm the precaution and then follow the onscreen instructions.
- 2 **[Backup].**
- 3 **[Start backup] ► [BACKUP].**
 - The selected data can be saved to the microSD card.
- 4 **[Back to top].**

Restore

Restore the data such as phonebook entries or media files backed up to the microSD card to the terminal.

- 1 **From the Home screen,  ► [Data Copy] ► [Backup & Restore].**
 - You can set a password for backup data and encrypt the data when the encryption settings screen appears. Confirm the precaution and then follow the onscreen instructions.
- 2 **[Restore] ► [next] ► [Restore] ► [RESTORE].**
 - The selected data is restored to the terminal.
- 3 **[Back to top].**
 - When the periodical backup schedule is not set, "Set a backup schedule" appears. Follow the onscreen instructions.

Copying phonebook entries to docomo account

Copy contacts registered to your Google account to the docomo account.

- 1 From the Home screen,  [Data Copy] ► [Backup & Restore].**
 - You can set a password for backup data and encrypt the data when the encryption settings screen appears. Confirm the precaution and then follow the onscreen instructions.
- 2 [Phonebook account copy] ► [Select] of contacts to copy ► [OVERWRITE] or [ADD].**
 - The copied contacts are saved to your docomo account.
- 3 [OK].**

Settings

Viewing the Settings menu

1 From the Home screen, [Settings].

Network & internet	P.159
Device connection	P.170
Apps	P.171
Notifications	P.173
Battery	P.175
Storage	P.176
Sound	P.177
Display	P.179
Appearance	P.182
Wallpaper	P.182
Accessibility	P.183
Security	P.185
Privacy	P.190
Location	P.191
Safety & emergency	P.192
docomo service/cloud	P.192
Passwords & accounts	P.193
Digital Wellbeing & parental controls	P.195
Google	P.195
System	P.196
About phone	P.201

❖ Information

- You can search the setting item etc. by entering a key word in the "Search settings" field in the top of screen.
- Displayed items or the layout may differ depending on the setting condition etc.

Network & internet

1 From the Home screen, **[Settings]** **[Network & internet]**.

Internet	NTT DOCOMO*	The name of SIM you are using is displayed; tap to switch the Internet access to the mobile network. • Tap  to set/check the mobile network (P.163).
	Wi-Fi	P.160
	Add network	P.161
	Network preferences	P.162
	Saved networks	Check/delete the saved Wi-Fi networks, set auto connection, share Wi-Fi, or other operation.
	Non-carrier data usage	You can check data usage other than via mobile data communication.
Calls & SMS		The name of SIM card used for calling and +Message (SMS) is displayed.
SIMs		P.163
Airplane mode		P.165
Hotspot & tethering		P.166
Data Saver		P.168
VPN		P.169

Private DNS	Set whether to encrypt communication when the terminal is connected to the compatible DNS server. Also, you can register your private DNS.
Smart connectivity	Set to keep the comfortable communication environment by switching to the most suitable network (mobile network/ Wi-Fi) automatically.

* The display may differ depending on usage condition.

Wi-Fi

With Wi-Fi function, you can connect to an access point for your home, company network or public wireless LAN services to use mail and Internet.

■ Reception interference caused by Bluetooth devices

Wireless LAN (IEEE802.11b/g/n) and Bluetooth devices use the same frequency band (2.4GHz). If you use the terminal near Bluetooth devices, reception interference may occur or the communications speed may deteriorate. Also, you may hear noise or have a connection problem.

Communication may be interrupted or sound may be disturbed when playing streaming data etc. In these cases, do the following:

- Keep the terminal approximately 10 m or more away from the Bluetooth device.
- For using within approximately 10 m, turn off the Bluetooth device.

Turning on Wi-Fi

- 1 **From the Home screen,**
 ► [Settings] ► [Network & internet] ► [Internet].

- 2 **Tap  for "Wi-Fi".**

- It may take a few seconds to turn on the Wi-Fi.

❖ Information

- Even when Wi-Fi is on, packet communication is available. When a Wi-Fi network is disconnected, the connection is automatically switched to the mobile network. Note that packet communication charge may be applied if the network connection is kept switched.
- Turn the Wi-Fi function to off when you do not use Wi-Fi to cut battery power consumption.
- For using Wi-Fi, make sure to receive sufficient signal strength.

Connecting to a Wi-Fi network

- 1 **From the Home screen,**
 ► [Settings] ► [Network & internet] ► [Internet].
- 2 **Select a Wi-Fi network to connect.**
 - To connect to a protected Wi-Fi network, enter the password ► [CONNECT].

❖ Information

- Depending on your usage environment, the connection speed may be decreased, or Wi-Fi may not be available.
- When the terminal is connected to Wi-Fi network successfully, "Connected" appears. If a different message is displayed, make sure of the password (security key).
When the connection is not established even if you enter a correct password (security key), the correct IP address may not have been acquired. Check the signal status and reconnect. It may take 5 minutes or more to display the connection result after the operation of the connecting to Wi-Fi network.
- If you connect to an access point that is not connected to the Internet,  etc. appears and communication may be performed via mobile network, not via Wi-Fi. To perform Wi-Fi communication via such access point, tap the notification indicating that Internet access is unavailable appeared when connecting to the access point, and then follow the onscreen instructions.
- To use docomo services via Wi-Fi, you need to set up your d ACCOUNT (P46).
- Speed in the "Theoretical maximum link speed" field displayed when a saved network is tapped indicates the maximum communication speed at the access point that it is connecting to.

Deleting connecting Wi-Fi network setting

- 1 From the Home screen, ▶[Settings]▶[Network & internet]▶[Internet].**
- 2 Tap the Wi-Fi network that is connected.**
- 3 [FORGET].**
 - Tap [DISCONNECT] to disconnect the Wi-Fi network.

Adding a Wi-Fi network manually

- Turn Wi-Fi on beforehand (P160).
- 1 From the Home screen, ▶[Settings]▶[Network & internet]▶[Internet].**
 - 2 [Add network].**
 - Tap  and scan the QR code for Wi-Fi password to connect to the Wi-Fi network.
 - 3 Enter the name (SSID) of Wi-Fi network you want to add.**
 - 4 Tap "Security" setting item▶Tap a security type of the Wi-Fi network.**
 - 5 If required, enter security information for the Wi-Fi network.**
 - 6 [SAVE].**

❖ Information

- To add hidden Wi-Fi network whose stealth setting is enabled, in Step 5, tap [Advanced options] ► [No] of "Hidden network" ► [Yes].

Setting a network

- 1 From the Home screen,  ► [Settings] ► [Network & internet] ► [Internet] ► [Network preferences].

Turn on Wi-Fi automatically*	Set whether to automatically turn on Wi-Fi when the terminal detects a saved high quality Wi-Fi network, and connect to it.
Notify for public networks	Set whether to notify you when any high quality Wi-Fi open network is detected.
Install certificates	Install certificates.
Wi-Fi Direct*	P.162

* You can set this item when Location (P.191) is ON.

Using the Wi-Fi Direct function

You can connect directly among the devices compatible with Wi-Fi Direct® via Wi-Fi even without configuring access point.

- Turn on Wi-Fi and Location beforehand (P.160, P.191).

- 1 From the Home screen,  ► [Settings] ► [Network & internet] ► [Internet].

2 [Network preferences] ► [Wi-Fi Direct]

3 Select a Wi-Fi Direct compatible device name to connect.

- Tap  ► [Searching...] to refresh the list of detected devices.
- To change your terminal's name displayed on the detected Wi-Fi Direct compatible device, tap  ► [Rename device].

❖ Information

- Wi-Fi Direct function becomes available when you install a compatible application.

SIMs

1 From the Home screen, ► [Settings] ► [Network & internet] ► [SIMs].

	Set a name of SIM card etc.
Use SIM	Set whether to use the nano SIM card which is installed to the terminal.
XXX used	Mobile data usage amount, set data warning value, etc. are displayed.
Data preference	Name of SIM used for mobile data communication, call and +Message (SMS) is displayed.
Calls preference	
SMS preference	
Mobile data	P.163
Data roaming	P.210
App data usage	Check mobile data usage per each application for the period which is specified in "Mobile data usage cycle" (P.164), or set Data warning & limit by tapping  (P.164). To set restriction of background mobile data communication, etc. of each application, select an application displayed below the graph.
Data warning & limit	P.164

MMS messages*	Appeared when "Mobile data" is OFF. However, MMS is not available for the terminal.
Preferred network type	P.210
Automatically select network	P.210
Choose network	Search available networks when "Automatically select network" is set to OFF.
Access Point Names	P.164

* The display may differ depending on usage condition.

❖ Information

- When "Use SIM" is OFF, functions such as calling or packet communication are not available. Also, some items may disappear from the Setting menu, the display may be changed, or some functions may become unavailable.

Enabling/Disabling mobile data communication

1 From the Home screen, ► [Settings] ► [Network & internet] ► [SIMs].

2 / of "Mobile data".

Setting Data warning & limit

You can set a usage cycle (measuring period) for mobile data usage, or a warning level or data limit of mobile data usage.

1 From the Home screen, ► [Settings] ► [Network & internet] ► [SIMs] ► [Data warning & limit].

Mobile data usage cycle	Set the usage cycle (measuring period) for mobile data usage.
Set data warning	Set whether to display the notification when the mobile data usage reaches to the set warning volume.
Data warning	Set a warning value of mobile data usage.
Set data limit	Set whether to disable mobile data communication when the mobile data usage reaches to the limit value.
Data limit	Set the limit value of mobile data usage.

❖ Information

- Displayed mobile data usage amount is an estimate and it may be different from the actual one.
 - For subscriber of other than ahamo plan
You can check your mobile data usage on My docomo.
 - For subscriber of ahamo plan
You can check your mobile data usage on ahamo website.
- Note that you cannot use mobile data communication if the mobile data usage reaches to the upper limit.
To resume the mobile data communication, tap [RESUME] on the notification screen indicating reach of the upper limit. When the notification indicating reach of the upper limit does not appear, drag the status bar down ► [Mobile data limit reached] ► Tap [RESUME].

Setting an access point

An access point for connecting to the Internet (spmode.ne.jp) is already registered. You can add or change it if necessary. For details on sp-mode, refer to NTT DOCOMO website.
<https://www.docomo.ne.jp/service/spmode/>
(in Japanese only)

■ Checking the access point in use

- 1 **From the Home screen, ▶[Settings]▶[Network & internet]▶[SIMs]▶[Access Point Names].**
 - The radio button on the right of current access point is marked.

■ Setting an access point additionally

- 1 **From the Home screen, ▶[Settings]▶[Network & internet]▶[SIMs]▶[Access Point Names].**
- 2 **+.**
 - To edit the access point, tap the access point.
- 3 **[Name]▶Enter any name▶[OK].**
- 4 **[APN]▶Enter an access point name▶[OK].**
- 5 **Tap and enter all other information required by your network operator.**
- 6 **: ▶[Save].**

❖ Information

- Do not change the MCC/MNC. If you change them to the values other than the default (440/10), the access point will not be displayed on the APNs screen. If the set access point is not displayed,  in Step 2▶Tap [Reset to default], or tap  and then set the access point again.
- It is recommended that you use the access point that is registered by default as it is.

■ Initializing an access point

- 1 **From the Home screen, ▶[Settings]▶[Network & internet]▶[SIMs]▶[Access Point Names].**
- 2 **: ▶[Reset to default].**

Airplane mode

In this mode, the functions of using radio wave transmissions such as calling, accessing to the Internet (including sending/receiving mails), etc. are disabled.

- 1 **From the Home screen, ▶[Settings]▶[Network & internet].**
- 2 **Tap  for "Airplane mode".**
 -  appears on the status bar.

❖ Information

- Even if Airplane mode is ON, Wi-Fi, Bluetooth function and NFC/Osaifu-Keitai function can be turned on. Do not turn on these functions in a place where the use of radio wave is prohibited.
- Depending on Bluetooth device that is currently connected, communication may be maintained even if Airplane mode is ON.

Using tethering function

Use tethering function which allows wireless LAN devices, USB devices, or Bluetooth devices and LAN port support devices to access the Internet via the terminal as a modem.

❖ Information

- If you want to use the tethering, use of Packet Pack/ packet flat-rate service is highly recommended.
- Tethering function cannot be used when neither Wi-Fi nor mobile data communication is not available on the terminal.
- Up to 15 (portable hotspot : 10, USB tethering or Ethernet tethering : 1, Bluetooth tethering : 4) can be connected at the same time.
- When Data Saver (P.168) is ON, tethering function is not available.

Enabling Portable hotspot

You can use the terminal as a Wi-Fi access point to connect up to 10 wireless LAN devices to the Internet simultaneously.

- 1 From the Home screen,  ► [Settings] ► [Network & internet] ► [Hotspot & tethering].
- 2 [Portable hotspot] ►  of "Use Wi-Fi hotspot".

❖ Information

- When you start using the portable hotspot during Wi-Fi network connection, Wi-Fi connection is disconnected. When using the portable hotspot is ended, the terminal is automatically connected to Wi-Fi network.
- To display a QR code of password of Wi-Fi access point, in Step 2, tap [Portable hotspot] ►  of "Use Wi-Fi hotspot" ►  of "Hotspot name".

Changing the portable hotspot settings

You can change the default network name (SSID), security setting, password, or frequency band.

- 1 From the Home screen,  ► [Settings] ► [Network & internet] ► [Hotspot & tethering] ► [Portable hotspot].

- 2 **[Hotspot name]▶Enter the network name (SSID) of the Wi-Fi hotspot name▶[OK].**
 - By default, "Xperia_(4-digit number in a random manner)" is set.
- 3 **[Security]▶Tap a security type you want to set.**
- 4 **As required, [Hotspot password]▶Enter a password▶[OK].**
 - By default, a password is set in a random manner.
- 5  of "Use 2.4 GHz only".

❖Information

- When "Turn off hotspot automatically" is enabled, the portable hotspot turns off automatically when a wireless LAN device has not been connected for about 10 minutes.
- When "Use 2.4 GHz only" is off, 2.4 GHz band will be used when 5 GHz band is not available such as while checking radio wave interference by weather radar etc. or during the radar reception.

Enabling USB tethering

- 1 **Connect the terminal to a PC with USB cable A to C 02 (optional) etc. (P.42).**
 - When a screen for installing driver software appears, wait for a while until the installation is complete.
- 2 **From the Home screen, ▶[Settings]▶[Network & internet]▶[Hotspot & tethering].**
- 3 **Tap  for "USB tethering".**
 - If the installation screen for the terminal's driver software appears on your PC, please wait a moment for the installation to complete.

❖Information

- System requirements (OS) for USB tethering are as follows.
 - Microsoft Windows 11
 - Microsoft Windows 10
 - Microsoft Windows 8.1
- In USB tethering, you cannot access your terminal's internal storage or microSD card from the PC.

Enabling Bluetooth tethering

Up to 4 Bluetooth devices can be connected to the Internet.

1 From the Home screen,  ► [Settings] ► [Network & internet] ► [Hotspot & tethering].

2 Tap  for "Bluetooth tethering".

❖ Information

- To connect the terminal from a Bluetooth device, perform pairing (P.204) and then set the connection method for connecting the terminal. For operation on a Bluetooth device, refer to the manuals of the Bluetooth device.

Enabling Ethernet tethering

You can allow LAN port support devices to access the Internet using a wired LAN adapter (commercially available) etc.

1 Connect a wired LAN adapter to the terminal and then connect the terminal to the LAN port support device using LAN cable.

2 From the Home screen,  ► [Settings] ► [Network & internet] ► [Hotspot & tethering].

3 Tap  of "Ethernet tethering".

❖ Information

- Do not connect a wired LAN adapter plug forcibly. Forcible connection may cause damage.

Data Saver

Restrict the mobile data communication performed by applications in the background to reduce the data usage.

1 From the Home screen,  ► [Settings] ► [Network & internet] ► [Data Saver].

2  for "Use Data Saver".

❖ Information

- To set applications whose mobile data communication cannot be restricted by the Data Saver, in Step 2, [Unrestricted data] ► Tap each  of the application you want to set.
- When Data Saver is ON, tethering function is not available.

Connecting to a VPN (Virtual Private Network)

Use Virtual Private Network (VPN) to connect to the information in a protected local network such as companies, schools or other facilities from outside.

Adding a VPN

- 1 From the Home screen, ▶[Settings]▶[Network & internet]▶[VPN].**
- 2 .**
- 3 Follow the instruction of the network administrator to enter/set required items of VPN settings.**
- 4 [SAVE].**

❖Information

- To edit VPN, tap  of VPN in Step 2▶Enter or set each item▶[SAVE].
- To delete VPN, tap  of VPN in Step 2▶[FORGET].

Connecting to a VPN

- 1 From the Home screen, ▶[Settings]▶[Network & internet]▶[VPN].**
 - 2 Tap a VPN to connect to.**
 - 3 [CONNECT].**
 - When you are connected to a VPN,  appears in the status bar.
 - When the entry field of verification information appears, enter the required information▶Tap [CONNECT].
- ❖Information
- To disconnect VPN, in Step 2, tap a connected VPN▶[DISCONNECT].

Device connection

1 From the Home screen, **[Settings]** **[Device connection]**.

Pair new device	P.204
Previously connected devices	Paired Bluetooth devices are displayed.
See all	All paired Bluetooth devices are displayed.
Connection preferences	P.170

❖ Information

- When the terminal is connected to a device, the device information may be displayed above "Pair new device". Tap the item or  to change the connection method, cancel connection, etc.

Setting Connection preferences

1 From the Home screen, **[Settings]** **[Device connection]** **[Connection preferences]**.

Bluetooth	Turn On/Off of Bluetooth device, or pair with a Bluetooth device.
Files received via Bluetooth	P.206
Chromebook	Link the terminal with Chromebook.

Nearby Share	Share your files with nearby compatible devices.
Android Auto	Connect Android Auto devices or set operation etc. when connected. When the application update screen appears, follow the onscreen instructions.
Cast	Display the screens of the terminal on a device that is compatible with Google Cast etc.
Screen mirroring ^{*1*2}	Connect to a TV or tablet that is compatible with Screen mirroring to display the screen of the terminal.
NFC/Osaifu-Keitai	P.145, P.146, P.147
Printing	Install print service applications.

*1 According to usage condition, image or sound may be interrupted or stopped. Covering around the Wi-Fi antenna area with your hand may affect the quality of transferring images.

*2 Output of image is displayed in back on an output device when playing copyright protected contents or displaying an application whose output is not permitted.

Apps

1 From the Home screen, [Settings]▶[Apps].

Recently opened apps*	Display the recently activated applications. Tap an application to display the app info.
See all XX apps*	P.171
Default apps	Check/change the default application.
Screen time	Check usage time per application, or set a timer for each application to restrict usage time of a day.
Unused apps	Check unused applications.
Special app access	Check/change the applications, etc. which can access the functions or information of the terminal.

* The display may differ depending on usage condition.

App info

Manage and uninstall installed applications. Also, change the settings of notification or permission for each application, or delete the data or cache.

Managing applications

1 From the Home screen, [Settings]▶[Apps]▶[See all XX apps].

- Tap [Show system] to show all applications.

2 Tap an application.

OPEN	Activate the application.
UNINSTALL/ DISABLE	P.172, P.172
FORCE STOP	P.172
Notifications	Change notification setting.
Permissions	Check/change the app permissions.
Storage & cache	Clear data or cache.
Mobile data & Wi-Fi	Check the data communication status or set the restriction of mobile data communication in background etc.
Screen time	Check usage time for the application, or set a timer to restrict usage time of a day.
Battery	Check the battery status from the last full-charge or set the use method of the battery.
Open by default	Clear the setting of default applications used for certain operations.

Remove permissions and free up space	When there are any applications that have not been used for several months, delete permissions for the applications to increase available memory of the terminal.
version	Display the application's version.

❖ Information

- The displayed items may differ or the item may not be selected depending on application or usage condition.

Force-stopping an application

- 1 From the Home screen,  ► [Settings] ► [Apps] ► [See all XX apps].**
 - Tap  ► [Show system] to show all applications.
- 2 Tap the application to force-stop.**
- 3 [FORCE STOP] ► Confirm the content of the screen and then [OK].**

Uninstalling applications

- Before uninstalling application, back up contents you want to save including data saved in the application.

- 1 From the Home screen,  ► [Settings] ► [Apps] ► [See all XX apps].**
- 2 Tap the application to uninstall.**
- 3 [UNINSTALL] ► [OK].**

❖ Information

- Some pre-installed applications may not be uninstalled. You can disable some applications or services which cannot be uninstalled (P.172).
- Applications downloaded from Google Play are recommended to be uninstalled from the Google Play screen (P.143).
- When in Step 3,  ► [Uninstall updates] is displayed, tap it to restore the application to the default.

Disabling application

You can disable some applications or services, that cannot be uninstalled.

- Disabled applications are not displayed on the Home screen, etc. and you cannot execute them, but they are not uninstalled.

- 1 From the Home screen,  ► [Settings] ► [Apps] ► [See all XX apps].**
 - Tap  ► [Show system] to show all applications.

- 2 Tap the application to disable.
- 3 **[DISABLE]►Confirm the content of the screen and then [DISABLE APP].**

❖Information

- When you disabled an application, some other applications linked to the disabled application may not be operated correctly. Enable the disabled application again to operate them correctly.

Resetting application setting

You can reset the disabled applications (P.172), default apps settings (P.171), restriction of background data (P.171), app permissions (P.58), etc.

- 1 **From the Home screen, ►[Settings]►[Apps]►[See all XX apps].**
- 2 **: ►[Reset app preferences].**
- 3 **[RESET APPS].**

Notifications

Set ON/OFF of display of notifications or check notification history. Also, set the display of notification on the lock screen or change the operation of notification LED.

- 1 **From the Home screen, ►[Settings]►[Notifications].**

App settings	Set ON/OFF etc. of each application.
Notification history	Set whether to display notification history or check the notification history.
Conversations	The conversations etc. messaging applications whose notification is set to "Default" (P.68) and you can check/change the settings.
Bubbles	Set whether to permit the display of floating icon (Bubbles) (P.68).
Device & app notifications	Set whether to permit the device and application which read notifications to access notifications.
Notifications on lock screen	Set the notification type to be displayed on the lock screen.
Sensitive notifications*	Set whether to display confidential information on the lock screen.

Keep notifications		Set whether to keep the notification content displayed on the lock screen when you have any notifications.
Do Not Disturb	TURN ON NOW/TURN OFF NOW	Set Do Not Disturb to ON/OFF manually.
	People	Set rules to allow conversation, the incoming call, +Message notifications to interrupt when Do Not Disturb is ON.
	Apps	Set applications and the rule to allow the notifications to interrupt when Do Not Disturb is ON.
	Alarms & other interruptions	Set functions to allow the notifications to interrupt when Do Not Disturb is ON.
	Schedules	Set the schedule to turn on Do Not Disturb automatically.
	Duration for Quick Settings	Set the timing for turning off the function when Do Not Disturb is manually set to ON.
	Display options for hidden notifications	Set the notification operation when Do Not Disturb is ON.
Wireless emergency alerts		Set "Early Warning "Area Mail"".

Hide silent notifications in status bar	Set whether to display the notification icons which are set to "Silent " (P.68) on the status bar.
Allow notification snoozing	Set whether to allow notifications to snooze and display again at set time. To set snooze, open a notification in the Notification panel (P.68)▶Tap  .
Notification dot on app icon	Set whether to display a dot or number on an icon to inform of the app notification. Some applications may not act according to this setting.
Use LED light to show incoming notifications	Set whether to notify new mail, etc. with blinking notification LED (P.65).
Enhanced notifications	Set whether to automatically display the operation or reply candidate in the notification.

* Appeared when "Screen lock" (P.186) is set to "Pattern"/"PIN"/"Password".

Battery

1 From the Home screen, ► [Settings] ► [Battery].

XX% About XX left*	The battery level and available time (estimate) are displayed.
Battery usage	Check use of the battery from the last full-charge or set the use method of the battery per application.
STAMINA mode	Restrict the operations and a part of functions of the terminal to save the battery power. • Tap  of "Use STAMINA mode" to turn on/off STAMINA mode manually. • To set the STAMINA level, tap [STAMINA level]. • When "Set a schedule" is set to "Based on percentage", STAMINA mode turns on automatically when the battery level becomes to the specified one. • When set "Turn off when charged" is ON, STAMINA mode turns off automatically when the battery level becomes 90% while charging.
Battery Care	P.40
Adaptive Battery	Restrict use of battery for applications whose usage frequency is low to reduce the battery consumption.

Battery percentage	Set whether to display battery level (%) on the status bar.
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* The display may differ depending on usage condition.

❖ Information

- Information of battery consumption per application will be reset when the terminal is fully charged.

Storage

Check available memory of the internal storage, USB storage or microSD card, or initialize (format) the USB storage or microSD card.

1 From the Home screen, ► [Settings] ► [Storage].

THIS DEVICE* ¹	This appears when a USB storage/microSD card is installed to the terminal. Tap [THIS DEVICE] ► [USB DRIVE]/[SD CARD] to display the storage screen for the USB storage/microSD card.
XX used 128GB total	Used memory and total memory of the internal storage is displayed.
Free up space	Delete files to increase available memory of the internal storage.
System	The memory that is used by the system is displayed.
Apps	Check the memory that is used by applications.
Games* ²	Check the memory that is used by games, or delete data, cache, etc.

Videos* ²	Check or manage each data.
Audio* ²	
Images* ²	
Documents & other* ²	Check/restore/delete files in Trash.
Trash* ²	

*1 The display may differ depending on usage condition.

*2 The order of items may differ depending on usage condition.

❖ Information

- You can check/manage the data by tapping [Files] on the storage screen of USB storage/microSD card.
- Tap  on the storage screen of USB storage/microSD card ► [Eject] to release the recognition of the USB storage/microSD card. To recognize it again, from the Home screen, tap  ► [Settings] ► [Storage] ► [THIS DEVICE] ► [USB DRIVE]/[SD CARD] ►  ► [Mount].
- To format a USB storage/microSD card, tap  on the storage screen of the USB storage/microSD card ► [Format] ► [FORMAT USB DRIVE]/[FORMAT SD CARD].

Be aware that formatting will erase all their data.

Sound

1 From the Home screen, ► [Settings] ► [Sound].

Audio settings	360 Reality Audio	360 Reality Audio is a three-dimensional acoustic technique that realizes a sound field with a feeling of presence so that you can enjoy sound from all directions of 360 degrees. 360 Reality Audio-certified headphones (commercially available) captures your ear shape and analyze a hearing feeling characteristic so that you can enjoy a more realistic feeling of presence.
	360 Upmix	You can enjoy the regular stereo sound source as a three-dimensional and realistic sound field by Sony specific sound technology.
	DSEE Ultimate	Set whether to scale up compressed or CD-level sound source in high precision by AI technology. Use headphones supporting high-resolution audio to enjoy the sound quality that is closer to high-resolution.

Media volume	P.178
In-call volume	
Ring and notification volume	
Alarm volume	
Do Not Disturb	P.174
Phone ringtone	P.178
Media	Set whether to keep the control panel for Music etc. displayed on the Quick settings panel, or whether to display recommended media based on your usage condition on the control panel.
Vibrate for calls	Set vibration for incoming calls.
Notification sound	P.178
Default alarm ringtone	
Dial pad tones	Set whether to emit sound when tapping the dialpad.
Screen locking sound	Set whether to emit sound when pressing the power key to lock the screen, or unlocking the screen lock.
Charging sounds and vibration	Set whether to notify of start of charging with sound and vibration.
Touch sounds	Set whether to emit sound when selecting menu etc.
Touch vibration	Set whether to vibrate the terminal when the key icon is tapped.

❖ Information

- For silent mode, see "Setting Silent mode" (P.56).
- "360 Reality Audio" can work when content is played back with compatible application.
- Even when "360 Upmix" is ON, some contents may be played back with the original sound expression.

Adjusting each sound volume

Adjust the media play volume, in-call volume, ring and notification volume, or alarm volume.

- 1 From the Home screen,**
 ► [Settings] ► [Sound].
- 2 Tap the slider of "Media volume"/
"In-call volume"/"Ring and
notification volume"/"Alarm
volume" at a position you want to
set, or drag it left or right.**

❖ Information

- You can also adjust the media volume by pressing the volume key. Or, you can adjust In-call volume by pressing the volume key during a call.
- Pressing the volume key or the power key mutes ringtone for incoming calls.

Setting the ringtone/ notification sound/alarm ringtone

- 1 From the Home screen,**
 ► [Settings] ► [Sound].
- 2 Tap any one of [Phone ringtone]/
[Notification sound]/[Default
alarm ringtone].**
- 3 Select a sound option ► [OK].**

❖ Information

- To set a ringtone other than ringtone, notification sound, or alarm ringtone preset by default, tap any one of [Add ringtone]/[Add notification]/[Add alarm] in Step 3.
- A ringtone or notification sound selected in Step 3 sounds in the volume set in "Ring and notification volume". However, it does not sound when the sound setting is mute.

Display

1 From the Home screen, [Settings] ► [Display].

Image quality settings	Color gamut and contrast	Set the display mode of still images or videos.
	Video image optimization	Play back videos with vivid and immersive image quality by extending contrast or color tones.
White balance		P.180
Brightness level		P.180
Adaptive brightness		Adjust the screen brightness automatically according to the ambient brightness, etc. based on the setting of "Brightness level".
Font size		Set font size.
Display size		Enlarge/reduce of the size of the icon etc. displayed in the screen.
Dark theme		Apply the dark mode to the corresponding screen or display. You can also set schedule to ON/OFF automatically.
Lock screen		P.180
Screen timeout		Set a time for turning off of screen.
Auto-rotate screen		P.55
Side sense		P.181

One-handed mode	P.79
Smart backlight control	Set the screen not to turn off when you hold the terminal in your hand but touch operation is not performed. The screen may turn off if the terminal remains at rest for a while even when you set this feature to On and hold the terminal in your hand.
Night Light	Apply yellowish tone to the screen so that you can easily see the screen even in low light. You can also set schedule to ON/OFF automatically.
Prevent accidental operations with screen off	Prevent unintentional operations by disabling the display (touch screen) if the key of the terminal is accidentally pressed and the screen is turned on in a bag or pocket, etc.
Screen saver	Set the screen saver.

Adjusting the white balance

- 1 From the Home screen,  ► [Settings] ► [Display] ► [White balance].
- 2 Tap any one of [Warm]/[Medium]/[Cool]/[Custom].
 - When "Custom" is selected, tap the each slider at a position you want to set, or drag it left or right.

❖ Information

- If you tap the slider at a point you want to set or drag it left or right in Step 2, "Custom" option is automatically set.

Adjusting the screen brightness

- 1 From the Home screen,  ► [Settings] ► [Display] ► [Brightness level].
- 2 Tap the slider at a position you want to set, or drag it left or right.

Setting the lock screen

- 1 From the Home screen,  ► [Settings] ► [Display] ► [Lock screen].

Clocks	Set a clock for the lock screen.
Wake up display on keypress	Set whether to enable to turn on the screen by pressing the volume key in sleep mode.
Add users from lock screen ^{*1}	Set whether to enable to add a guest or user from the Quick settings panel (P69) on the lock screen.
Add text on lock screen	Enter a text to be displayed on the lock screen.
Show notifications	Set whether to show notification details on the lock screen. ^{*2}
Keep notifications	Set whether to keep the notification content displayed on the lock screen when you have any notifications.

^{*1} Appeared when "Multiple users" (P199) is set to ON.

^{*2} Displayed items vary depending on the settings of "Screen lock".

Setting Side sense

Make settings for using Side sense feature (P.51).

1 From the Home screen, [Home] ► [Settings] ► [Display] ► [Side sense].

VIEW SIDE SENSE USAGE GUIDE	You can check Side sense usage guide.
Side sense menu	Set applications for activating on the main screen (full-screen) to be displayed in the Side sense menu.
Add headphone controls*1	Set whether to display the headphone control panel for the "Headphones Connect" application in the Side sense menu.
Multi-window menu	Set pairs of applications to display in the Multi-window menu.
Use Side sense bar	Set whether to use the side sense bar.
Select apps that use the Side sense bar	Set to show/hide the side sense bar for each application.
Configure Side sense bar	Set display of the side sense bar.
Gesture sensitivity	Set speed of double-tapping to allow the side sense bar to recognize or length or speed of slide operation.

Gesture function assignments*2	Assign operations (Gesture operation) to double-tapping/sliding up/sliding down of the side sense bar.
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- *1 The display may differ depending on usage condition.
- *2 When the item cannot be selected, double-tap the side sense bar to open the side sense menu, close the side sense menu, and then operate the step again.

Appearance

- 1 **From the Home screen,  ► [Settings] ► [Appearance].**

Clocks	Set a clock for the lock screen.
Multitasking usage guides	You can check each guide of Side sense, Split-screen (Multi-window) and Pop-up window.
Simple Home	P.92

Wallpaper

You can set the wallpaper of the Home screen and the lock screen.

- 1 **From the Home screen,  ► [Settings] ► [Wallpaper].**
- 2 **[Live Wallpapers]/[Photos]/[Wallpapers].**
- 3 **Follow the onscreen instructions to set.**

Accessibility

1 From the Home screen, ► [Settings] ► [Accessibility].

Live Transcribe	Transcribe voice and display the text.
Osusume hint	Set whether to use Osusume hint service. Use setting is required in advance (P.192).
Sound Notifications	Set to notify when specific sound is detected.
Select to Speak	Set to read out the selected text etc. on the screen.
TalkBack	Set to read out the information etc. on the screen.

Text and display	Font size	Set font size.
	Display size	Enlarge/reduce of the size of the icon etc. displayed in the screen.
	Bold text	Set to display the text in boldface.
	Color correction	Correct color when distinguishing colors is difficult.
	Color inversion	Set whether to invert color of screen.
	Remove animations	Set whether to disable the animation effect of screen display.
	Large mouse pointer	Set whether to enlarge the pointer when using a mouse (commercially available) etc.
	High contrast text	Set whether to show characters clearly against the background color.
	Extra dim	You can make the screens darker than the darkest level that can be set in "Brightness level" (P.180).
	Dark theme	Apply the dark mode to the corresponding screen or display. You can also set schedule to be turned on/off automatically.
	Magnification	Set whether to enable magnification.
	Accessibility Menu	Set to display the accessibility menu.

Switch Access		Set to enable operations from the compatible device connected with the terminal.
Timing controls	Touch & hold delay	Set response time for operation of touching and holding the screen.
	Time to take action (Accessibility timeout)	Set the display time for the notification message etc. which appears in the upper part of the screen accompanying the operation menu. This function may not be operated depending on application or function.
	Click after mouse pointer stops moving	Set whether to perform click operation when the pointer stops when using a mouse (commercially available) etc.
System controls	System navigation	Change the key icon operation.
	One-handed mode	P.79
	Power button ends call*	Set whether to end calls by pressing the power key.
	Auto-rotate screen	P.55

Vibration & haptic strength		Set whether to vibrate the terminal when you have an incoming call or notification, or tap the key icon. The terminal may vibrate even when this setting is off depending on application or function.
Caption preferences		Set whether to display captions or set font size, style, etc. for the captions.
Audio adjustment	Mono audio	Set whether to play sound with monaural.
	Audio balance	Set the audio balance.
Accessibility shortcuts	Accessibility button	Set the display of accessibility buttons.
	Shortcut from lock screen	Set whether to use the Volume key shortcut from the lock screen.
Text-to-speech output		P.185

* If the terminal goes into sleep mode during a call with "Power button ends call" ON, you can end the call by pressing the power key to wake the terminal and then pressing the power key again.

❖ Information

- When TalkBack is On, the operating procedures or operations of the terminal will be changed. For details on TalkBack, refer to the instructions on the screen or the "tutorial and help".

Setting Text-to-speech output

- 1 From the Home screen,  ► [Settings] ► [Accessibility] ► [Text-to-speech output].

Preferred engine	Select and set the engine for Text-to-speech output.
Language	Set language for Text-to-speech output.
Speech rate	Set speed at reading out text.
Pitch	Set the pitch of voice to read out text.
PLAY	Playback reading sample.
RESET	Reset setting of "Speech rate" and "Pitch" to the default.

Security

- 1 From the Home screen,  ► [Settings] ► [Security].

Google Play Protect ^{*1}	Set whether to scan the terminal regularly and check security threats.
Find My Device ^{*1}	Set ON/OFF of "Find My Device"; or check a method of finding the terminal.
Security update ^{*1}	Check availability of Software update (P.225).
Google Play system update ^{*1}	Check availability of system update.
Screen lock	P.186
Fingerprint Manager	P.188
Smart Lock	Set the conditions to unlock the screen lock automatically when the screen lock unlocking method is set to "Pattern"/"PIN"/"Password".
Device admin apps	Set whether to enable device administrator application.
SIM card lock ^{*2}	P.48

Encryption & credentials	Encrypt phone	The internal storage is encrypted by default.
	Trusted credentials	Display trusted CA credentials.
	User credentials	Manage the user credentials saved in the terminal.
	Install a certificate	Install certificates.
	Clear credentials	Clear all certificates or credential information stored in the credential storage ^{*3} , ^{*4}
	Certificate management app	Check an application for managing certificates.
Trust agents		Set whether to enable Trust agent when the screen lock unlocking method is set to "Pattern"/"PIN"/"Password".
App pinning		Set whether to enable App pinning. When it is set to On, "Pin" is displayed when the icon at the top of thumbnail in Task manager (P.71) is tapped.

^{*1} The display may differ depending on usage condition.

^{*2} Not displayed if a nano SIM card is not inserted or depending on usage condition.

^{*3} Save certificates and credential information in the credential storage.

^{*4} VPN settings are also cleared.

Setting screen unlock method

Set to enter the screen unlock method (pattern/PIN/password) when powering on the terminal or canceling the sleep mode.

- From the Home screen,  [Settings] ► [Security] ► [Screen lock].**
- Tap any one of [Pattern]/[PIN]/[Password].**
- Follow the onscreen instructions to set.**
 - When the setting is complete, "Security" in the settings menu screen reappears.
 - If you select "PIN", enter 4- to 16-digit of numeric characters. If you select "Password", enter 4- to 16-alphanumeric characters/symbols.

4 Tap of "Screen lock" as required.

Make pattern visible*	Set whether to show pattern when entering pattern.
Lock after screen timeout	Set the time from when the screen turns off to when the screen is locked automatically.
Power button instantly locks	Set whether to instantly lock the screen when the screen is turned off by pressing the power key.

* Appeared only when the "Pattern" is set.

❖ Information

- When the screen lock unlocking method is set to "Pattern"/"PIN"/"Password", "Lockdown" is displayed in the Power menu that appears when the power key and the volume up key is pressed at the same time. You can disable unlock by Smart Lock or fingerprint authentication or hide notifications when the screen is locked by tapping [Lockdown].

Locking the screen

Screen lock is activated when you press the power key to put the terminal into sleep mode after the screen lock unlocking method (P.186) is set, or when the time set in "Lock after screen timeout" has elapsed after the screen backlight turns off.

■ To unlock the screen

- 1 While the screen is locked, press the power key to turn on the screen ► Swipe (flick) up the screen ► Enter the screen lock unlocking method.

■ To turn off the screen lock

- 1 From the Home screen,  ► [Settings] ► [Security] ► [Screen lock] ► Enter the set unlock pattern/PIN/password ► [None] ► [DELETE].

❖ Information

- Entering incorrect pattern/PIN/password 5 times consecutively disables unlocking the screen lock. Wait for approximately 30 seconds and then operate the canceling of screen lock again.
- If you forget set pattern/PIN/Password, contact a docomo Shop.

Setting up fingerprint authentication

The terminal has a fingerprint sensor (P.32) and you can unlock the screen lock with the fingerprint authentication, touching it with the registered finger.

Notes on using fingerprint authentication

- Your terminal recognizes a fingerprint based on its unique characteristics. For this reason, some users may not be able to use fingerprint authentication if their fingerprints are not sufficiently unique.
- Authentication performance-how successfully your fingerprint can be recognized when you touch the fingerprint sensor properly-varies depending on the condition of your fingers. Fingerprint registration may fail or the authentication performance may decrease if your fingers have any of the conditions listed below. Note that you may be able to improve the authentication performance by wiping or washing your hands, using a different finger for authentication, etc.
 - Your fingers are: Wrinkled or wet (for example, after you take a bath)
 - Sweaty or greasy (with hand cream etc.)
 - Dirty with mud, oil, or other contamination

- Rough or injured (for example, cut or inflamed)
- Extremely dry
- Different in size than before, so that the fingerprint has changed
- Worn so much that the fingerprint is unclear
- Totally different in texture than when you registered your fingerprint
- Fingerprint authentication technology does not guarantee completely accurate personal authentication or identification. Please note that DOCOMO assumes no responsibility for any damages resulting from using the terminal by the third party, or inability to use the terminal.

Precautions for using the fingerprint sensor

- Do not hit the fingerprint sensor against anything or subject it to any strong impact. Also, do not scratch its surface or poke it with a pointed object. Doing so may damage the sensor or cause it to fail.
- Do not put a sticker on the fingerprint sensor or paint it with ink or something similar.
- When the fingerprint sensor is soiled, fingerprint recognition or authentication performance may be degraded. Occasionally clean the surface of the fingerprint sensor.

Registering your fingerprint

1 From the Home screen, ► [Settings] ► [Security] ► [Fingerprint Manager].

- If you have already registered fingerprint, the entry screen for unlocking the screen lock appears. Enter the unlocking method to display the Fingerprint Manager screen.

2 Select the screen lock unlocking method.

- After this step, follow the onscreen instructions. When the registration is complete, the screen indicating addition of the fingerprint appears. Tap [Done] to end the registration or tap [Add another] to register the other fingerprint.
- Use the screen lock unlocking method when the fingerprint authentication is unavailable.
- When the entry screen for unlocking the screen lock appears, enter the set unlock method and then follow onscreen instructions.

❖ Information

- In the Fingerprint Manager screen, you can perform the following actions:
 - To rename a fingerprint, tap a registered fingerprint ► Enter a name ► Tap [OK].
 - To delete a fingerprint data, tap  of registered fingerprint ► [YES, REMOVE].
 - To register the other fingerprint, tap [Add fingerprint].

Using your fingerprint for authentication

1 When the lock screen is displayed, touch the fingerprint sensor with the registered finger.

- Swipe (flick) up the lock screen to display a screen for entering the screen lock unlocking method you set.

❖ Information

- If fingerprint authentication failed 5 times consecutively, the fingerprint authentication is disabled. Wait for a while and then perform fingerprint authentication, or swipe (flick) the screen up and then enter the screen lock unlocking method that you set.
- If the fingerprint authentication failed 20 times consecutively, the function of fingerprint authentication will be disabled. Swipe (flick) the screen up and then enter the screen lock unlocking method that you set.

Privacy

1 From the Home screen, ► [Settings] ► [Privacy].

Accessibility usage ^{*1}	Check or set applications whose full-access to the terminal are allowed.
Privacy dashboard	Check applications that use the permissions recently or change the permission setting.
Permission manager	Check/change the app permissions.
Show passwords	Set whether to show the input character before "●" appears on the PIN/password etc. entry screen.
Notifications on lock screen	Set whether to show notification details on the lock screen. ^{*2}
Autofill service from Google	Check the saved information or change the setting.
Show clipboard access	Set whether to notify you of application access to the text or image which is copied to the clipboard by displaying a message.
Google location history	Set whether to use the Google location history or manage the saved activities.
Activity controls	Set whether to enable the activities or select the activities and the information to allow Google to save them.

Ads	Reset the advertising ID or set to not use the advertising ID.
Usage & diagnostics	Set whether to send your usage condition to Google.

*1 The display may differ depending on usage condition.

*2 Displayed items vary depending on the settings of "Screen lock".

Location

- 1 **From the Home screen,**
 **[Settings] ► [Location].**
- 2  **of "Use location".**
- 3 **Read the attention on location information and tap [AGREE].**

Recent access	Display applications or services which use the recent location information data.
See all	Display all applications and services which use the recent location information data.
App location permissions	Check/change the permissions of applications that use location information or set whether to permit use of exact location information.

Location services	Emergency Location Service	Set whether to use the Emergency Location Service (ELS).
	Google Location Accuracy	Set whether to improve the accuracy of location information using Wi-Fi, mobile network, etc.
	Google Location History	Set whether to use the Google location history or manage the saved activities.
	Google Location Sharing	Check your sharing condition of the current location, or disable the share.
	Wi-Fi scanning	Set whether to allow scanning of Wi-Fi network even when Wi-Fi function is OFF.
	Bluetooth scanning	Set whether to allow scanning of Bluetooth devices even when Bluetooth function is OFF.

Safety & emergency

- 1 From the Home screen,  ► [Settings] ► [Safety & emergency].

OPEN EMERGENCY INFORMATION	Register/display your blood type or the other information that can be useful for initial response in emergency or the contacts for emergency.
Emergency information	
Emergency SOS	Set whether to use Emergency SOS, or set the operations when the Emergency SOS is used.
Emergency Location Service	Set whether to use the Emergency Location Service (ELS).
Wireless emergency alerts	Set "Early Warning "Area Mail"".
Silence notifications while driving*	Set to activate silent mode automatically while driving.

* The display may differ depending on usage condition.

docomo service/cloud

- 1 From the Home screen,  ► [Settings] ► [docomo service/cloud].

d ACCOUNT setting	Set up your d ACCOUNT to use docomo applications (P.46). You can also use your biological information (fingerprint) registered on the terminal to set up your d ACCOUNT.
docomo Application Data Backup	Set whether to use the function of automatic back up/restore data of docomo apps, or check the list of apps whose backup data stored.
docomo apps management	Manage the docomo apps, or set the notifications or auto-update.
Osusume Apps	Set for Osusume Apps, or check received notifications.
Osusume hint	Set whether to display Osusume hint, check hints displayed in the past, etc.
SuguApp	You can quickly activate an application or perform a phone operation with intuitive operations sch as shaking a smartphone (P.75).
docomo location information	Set the location information function for imadoco search and Keitai-Osagashi Service.
Send device information	Set whether to send device information to the server which is managed by DOCOMO.

Member/profile settings	Check or change your membership information/profile information used for docomo services.
docomo initial settings	P.45
Switch USB debugging	Make the settings for using the dedicated terminal at a docomo Shop etc.
Open source licenses	View open source licenses.

❖ Information

- You can disable applications displayed in docomo service/cloud. Disabled applications may not be displayed in the list of docomo service/cloud. Also, if you newly download an application provided by DOCOMO, the item may be added in the list of docomo service/cloud.

Passwords & accounts

1 From the Home screen, ► [Settings] ► [Passwords & accounts].

Passwords	Set Password manager.
Autofill service	Select autofill services or make the settings.
Add account	P.193
Automatically sync app data	P.194

Adding accounts

Add or remove online service accounts.

- Set up your Google account (P.46)
- Auto-sync data (P.194)

1 From the Home screen, ► [Settings] ► [Passwords & accounts] ► [Add account].

2 Tap the account type.

- After this step, follow the onscreen instructions.

❖ Information

- docomo account is set by default.

Removing an account

- 1 **From the Home screen,**
 ► [Settings] ► [Passwords & accounts] ► **Select the account you want to remove.**
- 2 **[REMOVE ACCOUNT] ► [REMOVE ACCOUNT].**

❖ Information

- You cannot remove the docomo account.

Setting auto-sync of accounts

The information of online service can be synchronized with the terminal automatically. You can display and edit information on the terminal or a PC.

- Setting Auto-sync data, communication occurs to synchronize and a packet communication charge may be applied.

- 1 **From the Home screen,**
 ► [Settings] ► [Passwords & accounts].
- 2  of "Automatically sync app data" ► [OK].

Synchronizing manually

When the auto-sync function is OFF, you can sync your registered account manually.

- That may not be able to operate depending on account type.

- 1 **From the Home screen,**
 ► [Settings] ► [Passwords & accounts].
- 2 **Select the account ► [Account sync] ► Select items to sync.**

Digital Wellbeing & parental controls

You can prevent from overusing the terminal by checking your usage habits of the terminal, managing the usage time with the tool such as the app timer. Also, you can set the use restriction by guardian.

- 1 From the Home screen,
 ► [Settings] ► [Digital Wellbeing & parental controls].**
- 2 Check and set each item.**

Google

Check, change, or delete information or settings related to your Google account and the services.

- 1 From the Home screen,
 ► [Settings] ► [Google].**

- 2 Set each item.**

❖ Information

- To perform voice search using a Bluetooth device, in Step 2, tap [Settings for Google apps] ► [Search, Assistant & Voice] ► [Voice] ►  of "Bluetooth audio recording".

System

1 From the Home screen, ► [Settings] ► [System].

Languages & input			P.196
Gestures			P.197
Date & time			P.198
Backup			Add a Google account for backup, or set whether to perform backup.
System update			P.225
Multiple users			P.199
Reset options	Reset network settings	Reset the network settings.	
	Reset app preferences	P.173	
	Erase all data (factory reset)	P.200	
Application update			Check application updates or set the auto update.

Languages & input

1 From the Home screen, ► [Settings] ► [System] ► [Languages & input].

Languages		P.197
On-screen keyboard	Gboard	P.64
	Google Voice Typing [Legacy]*	
	Google Voice Typing*	
	Manage on-screen keyboards	Set the input method to be switched when entering characters.
Physical keyboard	Show on-screen keyboard	Set whether to display the software keyboard on the terminal when entering characters with a peripheral keyboard connected to the terminal.
	Keyboard shortcuts	Display the available shortcuts that can be used on the peripheral keyboard connected to the terminal.
Spell checker		Set whether to run the spell checker.
Personal dictionary		Add words to use for spell checker applications etc. (P.64).

Pointer speed	Set speed of the pointer when using a mouse (commercially available) etc.
Text-to-speech output	P.185

* The display may differ depending on usage condition.

Changing the phone language

- 1 From the Home screen,  ► [Settings] ► [System] ► [Languages & input] ► [Languages].**
- 2 [Add a language] ► Select the language ► Select the country or region as required.**
- 3 Drag  of the language to the top layer ("1" position).**

❖ Information

- If you choose the wrong language and cannot read the menu texts, see the FAQ of the following website.
<https://xperia.sony.jp/support/> (in Japanese only)

Gestures

1 From the Home screen, ► [Settings] ► [System] ► [Gestures].

Side sense		P.181
System navigation		Change the key icon operation.
Power menu	Hold for Assistant	Set whether to activate Google Assistant when the power key is pressed for at least 1 second. When this function is set to OFF, the Power menu appears when the power key is pressed for at least 1 second and you can operate "Emergency", "Power off", "Restart" or "Force restart guide".
	Press & hold duration	Set the response speed when the power key is pressed and held.
Power button behavior		Set an application/function to be activated by pressing the power key twice.
One-handed mode		P.79

Smart backlight control	Set the screen not to turn off when you hold the terminal in your hand but touch operation is not performed. The screen may turn off if the terminal remains at rest for a while even when you set this feature to On and hold the terminal in your hand.
Wake up display on keypress	Set whether to enable to turn on the screen by pressing the volume key in sleep mode.

Date & time

- To set date, time, time zone, or 24-hour format manually, turn off "Set time automatically", "Set time zone automatically" or "Use locale default".

1 From the Home screen, ► [Settings] ► [System] ► [Date & time].

Set time automatically	Adjust date and time automatically by using network-provided information.
Date	Set date manually.
Time	Set time manually.
Set time zone automatically	Adjust time zone automatically by using network-provided information.
Time zone	Set time zone manually.
Use locale default	Set whether to switch the time format automatically according to the setting of "Languages" (P.197).
Use 24-hour format	Set 24-hour format manually.

❖ Information

- Correction of the time differences may not be performed correctly depending on the overseas network operator. In that case, set time zone manually.

Multiple users

Add users to share the terminal with multiple users (function that allows users and guests to use the terminal).

1 From the Home screen,  [Settings] ► [System] ► [Multiple users].

2 Tap  of "Use multiple users".

You (Owner)*	Check or edit profile information. When someone who is not an owner uses the terminal, "Owner" is displayed and you can switch to the owner by tapping it.
Add guest	Add a guest. When a guest is added and someone who is not a guest uses the terminal, "Guest" is displayed. - Tap [Guest] while the owner uses the terminal to switch guests, set call function, or remove guests. - When a "guest" is using the terminal, "Remove guest" is displayed. You can tap it to delete the applications and data that the guest has used.

Add user	Select this to add users. When switching to an added user for the first time, the initial setting is needed. Follow the onscreen instructions. - Added user is shown as "(name set to the Google account)" or "New user". - By tapping the user whom an owner added when using, switching to the user, setting use permission of calling and +Message, and removing the user are available. - Tap a user who currently uses the terminal to check or edit the profile.
Add users from lock screen	Set whether to enable to add a guest or user from the Quick settings panel (P.69) on the lock screen.

* The display may differ depending on usage condition.

❖ Information

- You can add up to 5 users including an owner and a guest.
- When using the terminal by User/Guest, displayed functions are different, or use of applications or functions are restricted.

Resetting the terminal

Resetting the terminal deletes all data and accounts, and resets the terminal back to the initial (default) state.

- The downloaded applications and the data saved to the internal storage (music, images, etc.) will also be deleted.
- Make sure to back up the important data you have on the terminal before resetting.
- Reset the terminal while charging the battery, or when the battery is sufficiently charged.
- Initial settings (P.45).

1 From the Home screen,
 ► **[Settings] ► [System] ► [Reset options] ► [Erase all data (factory reset)].**

2 [Erase all data].
• Enter the screen lock unlocking method ("Pattern"/"PIN"/"Password") as required.

3 [Erase all data].

❖ Information

- Some preinstalled contents can be re-downloaded.
To download, from the Home screen, tap  ► [Xperia Lounge Japan] ►  ► [サポート]  (ブラウザで開きます) (Support (Open the window by the browser)) ► [スマートフォン／タブレット関連 (プリインストールコンテンツなどの再ダウンロード) (For smartphone/tablet (For re-downloading preinstalled contents))] ► [ドコモ (DOCOMO)] (in Japanese only) and then select the terminal on the displayed screen.

About phone

1 From the Home screen, ► [Settings] ► [About phone].

Device name	Register a name of the terminal.
Phone number	Your own phone number is displayed.
Legal information	Check third party's licenses or Google terms of use, etc.
Certificates	P235
Your Xperia ID	Your terminal identifier is displayed.
Detailed Diagnostics	Set whether to send detailed diagnostics data of the terminal.
SIM status	Check the version, various numbers, status of nano SIM card, battery life, etc.
Model	
IMEI	
Show IMEI barcode	
Android version	
Battery life	
IP address	
Wi-Fi MAC address	
Device Wi-Fi MAC address	
Bluetooth address	
Up time	
Build number	

File management

Storage structure

Phone (Internal shared storage)

Store applications or data which is used by each application, media files such as screenshot images.

microSD card (External storage)

You can save the data in the terminal to a microSD card or import data from a microSD card to the terminal.

- For installing a microSD card (P.37)

File operations

Use "Files" application to operate the data saved in the internal storage or microSD card.

- 1 From the Home screen,  [Files].**
 - Recently used files, categories, collections, or storage devices are displayed.
- 2 [Internal storage] of "Storage devices".**
 - The internal storage of the terminal is displayed.
 - When a microSD card is installed, "SD card" is displayed for "Storage devices".
- 3 Tap the folder as required.**
- 4 Tap a file.**
 - Data appears on the status bar.

❖ Information

- To search data, tap  in Step 2 and enter a file name, then tap  of the software keyboard.

■ Creating a folder

- 1 From the Home screen,  ► [Files].
- 2 Tap the storage.
- 3 Tap the folder as required.
- 4  ► [Add new folder].
- 5 Enter a folder name ► [Create Folder].

■ Renaming a folder or file

- 1 From the Home screen,  ► [Files].
- 2 Tap the storage.
- 3 Tap the folder as required.
- 4 Touch and hold a folder or file you want to rename.
- 5  ► [Rename] ► Enter a name ► [OK].

■ Deleting a folder or file

- 1 From the Home screen,  ► [Files].
- 2 Tap the storage.
- 3 Tap the folder as required.
- 4 Touch and hold a folder or file you want to delete.
- 5  ► [Delete permanently] ► [Delete]

■ Copying/Moving a folder or file

- 1 From the Home screen,  ► [Files].
- 2 Tap the storage.
- 3 Tap the folder as required.
- 4 Touch and hold a folder or file you want to copy/move.
- 5  ► [Copy to]/[Move to].
- 6 Tap the storage to copy/move to.
- 7 In any location, tap [Copy here]/[Move here].

Data communication

Bluetooth function

Bluetooth function is a technology which enables to connect with Bluetooth device such as PC, handsfree headset wirelessly.

- The terminal does not connect wirelessly with all types of Bluetooth devices.
- Supported Bluetooth profiles (P.233)

■ Reception interference caused by wireless LAN devices

Bluetooth devices and wireless LAN devices use the same frequency band (2.4GHz). If you use the terminal near a wireless LAN device, reception interference may occur or the communication speed may lower. Also, you may hear noise or have a connection problem. In these cases, do the following:

- Keep the Bluetooth device approximately 10 m or more away from a wireless LAN device.
- Within approximately 10 m, turn off either the Bluetooth device or the wireless LAN device.

Enabling Bluetooth function

- 1 From the Home screen,  ► [Settings] ► [Device connection] ► [Connection preferences] ► [Bluetooth].
- 2  for "Use Bluetooth".
 - Tap [Device name] to change the name of the terminal when displayed on the other Bluetooth device.

❖ Information

- On/Off setting of the Bluetooth function is kept even if you turn off the power.
- When you do not use Bluetooth function, turn it off to save the battery.

Making pair setting for the terminal and Bluetooth device

To connect the terminal and Bluetooth device, pair them first.

- Once paired, the setting with the Bluetooth device is saved.
- For make pair setting, entering passcode (PIN) may be required. Passcode (PIN) of the terminal is "0000". If you cannot make pair setting when you enter "0000", see the documentation of your Bluetooth device.
- Make the device to be paired detectable in advance.

- 1 **From the Home screen, ▶ [Settings]▶ [Device connection]▶ [Pair new device].**
 - Detected Bluetooth device names are displayed in "Available devices".
 - 2 **Tap a name of Bluetooth device for pairing.**
 - 3 **Confirm the Bluetooth pairing code (pass code) on the confirmation screen▶ [PAIR].**
 - Paired Bluetooth device names are displayed.
- When pairing request is sent from a Bluetooth device
Confirm the Bluetooth pairing code (pass code) on the confirmation screen and then tap [PAIR].

❖ Information

- To change the other party's Bluetooth device name or specify the use purpose to the device, tap  on the right of paired Bluetooth device name.
- To unpair, tap  on the right of the Bluetooth device you want to unpair▶ [FORGET]▶ [FORGET DEVICE].

Connecting the terminal with a Bluetooth device

- 1 **From the Home screen, ▶ [Settings]▶ [Device connection].**
- 2 **[See all]▶ Tap the name of Bluetooth device you want to connect.**

Disconnecting a Bluetooth device

- 1 **From the Home screen, ▶ [Settings]▶ [Device connection].**
- 2 **Tap a name of connected Bluetooth device.**
 - When  is displayed on the right of a name of the Bluetooth device, tap .
- 3 **[FORGET].**
 - To reconnect, tap [CONNECT].

Sending/Receiving data via Bluetooth function

Turn on Bluetooth function in advance, then pair with a target Bluetooth device.

Sending data via Bluetooth function

- 1 [Bluetooth] from the sharing menu of each application.**
- 2 Tap the name of the other party's Bluetooth device to send.**

Receiving data

- 1 Send data from the other Bluetooth device.**
 -  appears on the status bar.
- 2 Drag the status bar down▶ [Incoming file]▶ [ACCEPT].**

❖Information

- To view received data, from the Home screen, tap ▶[Settings]▶[Device connection]▶[Connection preferences]▶[Files received via Bluetooth].

External device connection

Connecting to PC

Connect a PC to exchange data between the terminal and the PC.

❖ Information

- Appeared screen may vary depending on the operating system (OS) of a PC.
- You may not be able to operate copyrighted data of images, music, etc.

Connecting to PC with USB cable A to C

- The following operating systems (OS) are supported.
 - Microsoft Windows 11
 - Microsoft Windows 10
 - Microsoft Windows 8.1

1 **Connect the terminal to a PC with USB cable A to C 02 (optional) etc. (P.42).**

- When a screen for installing driver software appears, wait for a while until the installation is complete.

2 **Drag the status bar down▶ [Charging this device via USB]▶ [Charging this device via USB]▶ [File Transfer].**

- The terminal is displayed on the PC screen as a portable device and you can access the internal storage and a microSD card in the terminal.

❖ Information

- To change the USB connection option, drag the status bar down▶Tap the notification of USB connection options and then select the USB connection option.

Removing USB cable A to C safely

- Do not remove the USB cable A to C during while transferring data. Data may be damaged.

1 **Confirm that it is not transferring data, remove the USB cable A to C from the terminal and a PC.**

International roaming

Overview of International roaming (WORLD WING)

With the international roaming (WORLD WING), you can use the terminal without changing phone number or mail address in the service area of the overseas network operator affiliated with DOCOMO. You do not need to change the settings of call and SMS. For details of International Roaming Service (WORLD WING), refer to NTT DOCOMO website.

<https://www.docomo.ne.jp/english/service/world/roaming/>

■ Supporting networks

You can use the terminal in the service area for the LTE network, 3G network and GSM/GPRS networks. Services are also available in countries/regions supporting 3G 850MHz/GSM 850MHz.

❖ Information

- For Country codes, International call access numbers, Universal number international prefix, supported countries/regions and network operators, refer to NTT DOCOMO website.

Available overseas service

Main communication services	LTE	3G	3G850	GSM (GPRS)
Phone	○	○	○	○
SMS	○	○	○	○
Packet communication*	○	○	○	○

* To use packet communication during roaming, setting "Data roaming" to ON is required (P.210).

❖ Information

- To use "+Message" application overseas, setting on "+Message" application is required (P.120).
- Some services are not available depending on the overseas network operator or network.
- You can check the name of the connected network operator in "Quick settings panel" (P.69).

Before using overseas

Before leaving Japan

To use the terminal overseas, check the following before departing from Japan.

■ Subscription

- Check if you subscribe to WORLD WING. For details, ask the contact on the last page.
- To use with ahamo plan, WORLD WING is not needed to apply but cannot be abolished.

■ Charging

- For charging, refer to NTT DOCOMO website.

■ Usage charge

- Usage charges (call, packet communication) overseas differ from those in Japan. For details, refer to NTT DOCOMO website. And before using with ahamo plan, make sure to confirm the details on the ahamo website.
- Some applications perform communication automatically. Packet communication charge may be higher. For operations for each application, ask the application provider.

Advance preparation

Network service settings

If you subscribe to network services, you can use network services such as Voice Mail Service, Call Forwarding Service, Caller ID Display Request Service, etc., even overseas. However, some network services cannot be used.

- To use network services overseas, you need to set "Remote operation settings" (P.112) to activate. You can set Remote operation settings in your traveling destination (P.215).
- Even if the setting/canceling operation is available, some network services cannot be used depending on overseas network operators.

After arriving overseas

When you power on the terminal overseas after arrival, the terminal will be connected with an available network operator/network automatically.

Connectivity

When "Automatically select network" (P.210) is set to ON, the most suitable network will be selected automatically.

Settings for overseas use

Setting data roaming

To perform packet communication overseas, setting "Data roaming" to ON is required.

- 1 **From the Home screen,  [Settings] ▶ [Network & internet] ▶ [SIMs].**
- 2  of "Data roaming" ▶ Read the notes and tap [OK].

Setting network

By default, the terminal automatically searches available network and connect to it. To switch network manually, set as follows.

- 1 **From the Home screen,  [Settings] ▶ [Network & internet] ▶ [SIMs].**
- 2  of "Automatically select network".
 - If the note appears, tap [OK].
 - Perform network search.
- 3 **Tap a network from available networks.**

Information

- If you set a network manually, the terminal is not reconnected to another network automatically even if you move out of the network area.
- To set "Automatically select network" to ON, in Step 2, tap  of "Automatically select network".

Setting the preferred network type

- 1 **From the Home screen,  [Settings] ▶ [Network & internet].**
- 2 **[SIMs] ▶ [Preferred network type].**
- 3 **Select the preferred network type to set.**
 - Select "5G/4G/3G/GSM" to switch available network type automatically.

Date & time settings

When "Set time automatically", "Set time zone automatically" in "Date & time" are ON, time and time differences of the terminal are corrected by receiving the information related to time and time differences from the network of overseas network operator you are connecting to.

- Correction of the time/time differences may not be performed correctly depending on the network of overseas network operator. In that case, set time zone manually.
- Timing of correction varies by the overseas network operator.

- Setting Date & time (P.198)

About inquiries

- For loss or theft of the terminal or nano SIM card, immediately contact DOCOMO from the spot to take the necessary steps for suspending the use. For inquiries, refer to the last page. You can also suspend the use from My docomo. Note that you are still liable for the call and communication charge incurred after the loss or theft occurred.
- For using from land-line phone, entering "International call access number" or "Universal number international prefix" for the place you stay is needed.
- For ahamo plan users, inquire via the ahamo website.

Making/Receiving a call in the place you stay

When you arrive overseas and turn on the terminal, an available network is automatically set.

- Check that the battery and signal levels are high enough.
- Depending on the network operator, even if the Caller ID notification is active, the caller ID may not be notified or appear properly. In this case, calls cannot be made from the call history.
- Refer to NTT DOCOMO website for the information about available countries/regions and the overseas network operators.

Making a call to outside the place you stay (including Japan)

You can make calls from the place you stay to the other countries/regions using the international roaming service.

- You can easily make international calls from the place you stay to Japan or other countries/regions by entering prefix "+" and then the country code and phone number.

1

From the Home screen,   .

2 Dial + (touch and hold [0])▶Enter Country code, Area code (City code), a phone number in the order.

- If the area code (city code) begins with "0", omit "0". However, "0" may be required to dial to some countries/regions such as Italy.
- To call an overseas "WORLD WING" user, enter "81" (Japan) for the country code.

3

4 When the call is finished, .

Making an international call using International dial assist

You can make international calls from the place you stay to the other countries/regions with simple operation by using International dial assist.

- Set "Auto conversion" (P.214) of International dial assist to ON in advance.
- A leading "0" of an area will be converted to a country code which is set in advance.

1 From the Home screen, ▶.

2 Enter the area code (city code) and other party's phone number.

3 .

- When the International dial assist screen is displayed, tap [CALL].

4 When the call is finished, .

Making a call within the place you stay

You can make a call by entering the phone number of the other party's land-line phone or mobile phone in the same way you do in Japan.

1 From the Home screen, ▶.

2 Enter a phone number.

- To make a call to land-line phone, enter the area code (city code), other party's phone number in order.

3 .

- When the International dial assist screen is displayed, tap [CALL ORIGINAL].

4 When the call is finished, .

Making a call to WORLD WING user overseas

When the other party uses international roaming service, make a call as an international call to Japan even when you stay in the same country/region as the other party.

- Since it is communication via Japan regardless of the place you stay, dial in the same way as international call to Japan.
+ (Touch and hold [0]) - 81 (Country code of Japan) - Phone number without a leading "0".

Receiving a call in the place you stay

You can receive calls with the same operation as that in Japan even when you stay overseas.

❖ Information

- When you received calls during international roaming, they are forwarded internationally from Japan regardless of from which country/region. A caller is charged for communication to Japan, and the receiver is charged for reception.

Making a call from the other party

■ Having someone make a call from Japan to the place you stay

To have the other party make a call from a land-line phone or mobile phone in Japan to the terminal in the place you stay, the other party only needs to dial the phone number as in Japan.

■ Having someone make a call from other than Japan to the place you stay

You have to receive a call through Japan no matter where you are; therefore, the other party needs to enter the international call access number of the place to call from and "81" (Country code of Japan).

International access number of the place to call from- 81 - 90 (or 80, 70) - XXXX - XXXX

International roaming settings

Make settings for using international roaming services.

- For some overseas network operators, settings may not be made.

1 From the Home screen,  ► ⋮ .

2 [Settings] ► [Calls].

3 [Network service/roaming settings].

- If the confirmation screen of Transmission of User Information appears, confirm the content and then follow the onscreen instructions.

4 [Roaming settings].

Incoming call restriction while roaming	Set to restrict incoming calls during international roaming.
Incoming call notification while roaming	Set to notify via SMS if you cannot receive calls because of out of service etc. during international roaming.
Roaming guidance	Set to notify a caller of international roaming with a guidance indicating it is a call during international roaming.
Network service	P214

Setting International dialing assist

1 From the Home screen,  ► ⋮ .

2 [Settings] ► [Calls].

3 [International dial assist].

Auto conversion	Set whether to automatically add the country code set in "Country code".
Country code	Select a country code used for auto conversion.

Setting Network service (overseas)

Set network service such as voice mail from overseas.

- You need to set "Remote operation settings" (P.112) to activate in advance.
- If you make the settings overseas, you are charged a call fee to Japan from the place you stay.
- For some overseas network operators, settings may not be made.

1 From the Home screen,  ► ⋮ .

2 [Settings] ► [Calls].

- 3 [Network service/roaming settings].**
- If the confirmation screen of Transmission of User Information appears, confirm the content and then follow the onscreen instructions.

4 [Roaming settings]►[Network service].

Remote operation (charges apply)	Set whether to start Remote operation.
Caller ID notification request service (charges apply)	Play a guidance asking for notifying caller ID when there is an incoming call without caller ID.
Incoming call notification while roaming (charges apply)	P.214
Roaming guidance (charges apply)	P.214
Voicemail service (charges apply)	Take messages from callers when you are in a place the radio wave does not reach or turn off the terminal. Separate subscription is required.
Call forwarding service (charges apply)	Forward incoming calls to another mobile phone etc. that is registered in advance. Separate subscription is required.

- 5 Follow the onscreen instructions to operate.**
- 6 Operate according to the voice guidance.**

After returning to Japan

After returning to Japan, restore to the settings which are made before you traveled.

- **When using packet communication overseas**
Turn off "Data roaming" (P.210).
- **If you cannot connect to DOCOMO network automatically after returning to Japan**
 - Set "Preferred network type" (P.210) to "5G/4G/3G/GSM".
 - Turn on "Automatically select network" (P.210).

Appendix

Troubleshooting

Troubleshooting

- When you have a vague idea of malfunctioning, you can perform diagnosis by yourself.
For details, refer to NTT DOCOMO website.
- Check if the software update is necessary for the terminal. If necessary, perform the software update (P.225).
- If your problem persists even if you check the troubleshooting concerning your phenomenon, feel free to ask us. For inquiries, refer to the last page.

■ Power supply

Phenomenon	Cause and handling
Cannot power on the terminal	Check if the battery is not run out. → P.39
Screen is frozen, or the power cannot be turned off	When the screen freezes or the power cannot be turned off, press and hold the power key and the volume up key at the same time for at least 10 seconds, wait until the terminal vibrates once and then 3 times consecutively, and then release your fingers to force stop. * Note that some data and settings may be erased due to force-quit operation.

■ Charging

Phenomenon	Cause and handling
Cannot charge (The notification LED does not turn on, or the icon does not indicate charging status)	• Check if the adapter's power plug is correctly inserted to a power outlet or accessory socket. • Check if the adapter and the terminal are set correctly. → P.41 • When using an AC adapter (optional), check if the Type-C plug of the AC adapter is connected to the terminal correctly. → P.41 • When using the USB cable A to C 02 (optional), check if a PC is turned on. • If you execute calls, communications or other function operations for a long time while charging, the terminal may become hot and the notification LED turns off (charging stops) or battery level may become low. In this case, wait until the temperature of the terminal drops and charge again.
The notification LED blinks in red and the terminal cannot be operated	When the battery level is low, charge the battery. → P.39

Phenomenon	Cause and handling
Battery Care charging does not start	For setting of Auto, Battery Care charging does not start unless the learning is complete from finding regularity in your charging habit. Set Auto or Always to allow charging to be started in a specified time zone or stopped at a specified charging limit. → P.40
Cannot charge fully	If you remove charging equipment during Battery Care charging, the terminal may not be fully charged. To charge fully, switch to regular charging. → P.40

■ Terminal operation

Phenomenon	Cause and handling
Become hot while operating/charging	- While calling, depending on the radio wave condition or call duration time, the terminal may become hot around the earpiece. This is not abnormal. - While operating or charging, or if you use applications, record videos, etc. for a long time while charging the battery, the terminal, internal battery or adapter may become hot. It is not a problem for operation. You can continue to use the terminal. - When the temperature of the terminal is raised, a message appears on the Notification panel and some applications or services may become unavailable. In this case, wait until the temperature of the terminal drops and use again.

Phenomenon	Cause and handling
The operation time provided by the battery is short	- Is the terminal left for a long time under the state of out of service area? Out of service area, a lot of power is consumed to search available radio waves. If you are out of service area for a long time, power off the terminal or set Airplane mode. →P.44, P.165 - The operating time of the battery varies depending on the operating environment and the degradation level of the internal battery. →P.232 - The internal battery is a consumable part. Each time the internal battery is recharged, the battery usage time per one charge gradually decreases. It is a time to replace the internal battery if the usable time becomes extremely short even if it is fully charged comparing with when you purchased the terminal. For replacement of the internal battery, DOCOMO keeps the terminal to replace it as a chargeable service. See "Warranty and After Sales Services" (P.228) because we accept as a repair request. - Check if multiple applications are activated. Exit unused applications. →P.71 - When the Wi-Fi function or Bluetooth function is not used, turn off the setting. →P.160, P.204 - When STAMINA mode is set, the operations and a part of functions of the terminal are restricted so that the consumption of the battery power can be reduced. →P.175

Phenomenon	Cause and handling
Operations are not possible when tapping or pressing keys	• Check if the power is turned off. → P.43 • Check if you activate the screen lock. → P.186
The screen reacts slowly when you tap or press the keys	When large amount of data is saved to the terminal or transferring large-size data between the terminal and microSD card, the reactions on the screen may be delayed.
The nano SIM card is not recognized	Check if the nano SIM card is attached in the right direction. → P.34
The clock is not on time	The clock time may become wrong when the power is turned on for a long time. Check that "Set time automatically", "Set time zone automatically", or "Use local default" is ON and then turn on the power again in a place with good signal condition. → P.43, P.198

Phenomenon	Cause and handling
The terminal operation is unstable	Instability may be caused by applications that you installed after purchasing the terminal. If the symptom is improved when you boot the terminal in safe mode (near default state), uninstalling the installed application may improve the symptom. To boot the terminal in safe mode, from the power OFF status, press and hold the power key until the terminal vibrates, wait until the docomo logo appears, and press and hold the volume down key long. When the power is turned on, press and hold the power key and the volume up key at the same time ► Touch and hold [Power off] ► Tap [OK] to restart the terminal in Safe mode. When safe mode is booted, "Safe mode" is displayed at the lower left of the screen. To exit the safe mode, turn power OFF and then ON. * Back up necessary data before using safe mode. * Some applications or widgets may become hidden. * Safe mode is not a normal active state. To use ordinarily, exit from the safe mode.

Phenomenon	Cause and handling
Applications cannot be operated properly (applications cannot be activated, or errors occur frequently)	• Are there any applications being disabled? Enable disabled applications, then retry.→P.172 • Are the permissions for the application granted?→P.58, P.171

■ Phone call

Phenomenon	Cause and handling
Cannot make a call even if you tap 	Check if you activate Airplane mode.→P.165
The ringtone does not sound	• Is "Ring and notification volume" set to mute?→P.178 • Check if the following functions are activated. -Silent mode→P.56 -Airplane mode→P.165 • Is the ring time for Voicemail service or Call forwarding service "0 sec"?→P.111 • Check if Pick up after in Answering Machine is set to "0 seconds".→P.110 • Check if you set Call Blocking.→P.111

Phenomenon	Cause and handling
Cannot call (Even when moving,  does not switch, or although radio waves are enough, making/receiving calls is unavailable.)	• Turn the power OFF and ON, or remove and reinsert the nano SIM card.→P.34, P.43 • Due to the nature of radio waves, making/receiving calls may be unavailable even when "not out of service area" or "" appears on the display for the radio wave condition". Move to the other place and call again. • Check if you set Call Blocking.→P.111 • Due to the crossing of radio waves, at the crowded public places, calls/ mails are crossed and the connection status may not be good. Move to other place or call again at other time.

■ Display

Phenomenon	Cause and handling
The display is dim	• Check if "Screen timeout" is set to short time period. → P.179 • Check if the brightness of screen is changed. → P.180 • When "Adaptive brightness" is ON, screen brightness is changed according to the ambient brightness. → P.179 • Check if you cover the Proximity/Light sensor with a sticker etc. → P.32 • When the temperature of the terminal becomes high while using, the display may become darker. It is not abnormal.

■ Sound

Phenomenon	Cause and handling
During a voice call, I cannot hear the other party's voice clearly, or the other party's voice is heard too loud	Check if the listening volume is changed. → P.108, P.178

■ Camera

Phenomenon	Cause and handling
Photos and videos taken with the camera are blurred	• Check if clouds, dirt or film attach to the lens of camera. • For video shooting, set "Video stabilization" and then shoot. → P.136
Photo or video shot with flash is whitish	If you put your finger or there is a cover around the main camera, flash light may reflect and affect photo or video shooting.

■ Osaifu-Keitai

Phenomenon	Cause and handling
Osaifu-Keitai function is unavailable	• Note that setting Omakase Lock disables the Osaifu-Keitai function regardless of the NFC/Osaifu-Keitai lock ON/OFF setting. • Check if NFC/Osaifu-Keitai lock ON/OFF is set. → P.146 • Check if "NFC/Osaifu-Keitai" is OFF. → P.145 • Check if you hover  mark over an IC card reader. → P.145

■ International roaming

Phenomenon	Cause and handling
Cannot use the terminal overseas (when  is displayed)	Do you subscribe to WORLD WING? Check if you subscribe to WORLD WING.

Phenomenon	Cause and handling
Cannot use the terminal overseas (when  is displayed)	- Check if you are out of the international roaming service area or in an area with poor radio waves. Check if the service area and network operator are available or not, refer to NTT DOCOMO website. - Change the network settings or overseas network operator settings. -Set "Preferred network type" to "5G/4G/3G/GSM".→P.210 -Turn on "Automatically select network". →P.210 - Turning the power off and on may solve the problem.→P.43
Cannot perform data communication overseas	Turn on "Data roaming".→P.210
The terminal suddenly became unavailable while using overseas	Check if usage amount exceeds the limit of maximum charges for use. For use of "International roaming (WORLD WING)", the limit of maximum charges for use is set in advance. If the limit of maximum charges for use is exceeded, pay the charges.
Cannot receive calls overseas	Is "Incoming call restriction while roaming" set to "Activate restriction"? →P.214

Phenomenon	Cause and handling
No caller ID is notified/A notified caller ID is different from that of the caller/ Functions for using contents saved in phonebook or those for using Caller ID notification do not operate	Even if a caller notifies its caller ID, it is not displayed on the terminal unless the network or network operator notifies it. And a different caller ID may be notified depending on the network or network operator you use.

■ Data management

Phenomenon	Cause and handling
Data transfer is not performed	Check if USB hub is used. If you use USB hub, operations may not be performed correctly.
Data saved in microSD card is not displayed	Remove and install the microSD card. →P.37
Images are not shown correctly	When image data is broken, it cannot be displayed correctly, for example, a black screen appears.

■ Bluetooth function

Phenomenon	Cause and handling
The terminal cannot be connected to a Bluetooth device/A Bluetooth device cannot be found by search	Allow Bluetooth device (commercially available) to be detectable and then make pairing with the device on the terminal. If you want to cancel a paired device and then make the pair setting again, cancel the pair settings on both the terminal and the Bluetooth device (commercially available).→P204
Calls cannot be made from the terminal when it is connected to an external device such as car navigation or handsfree device	If calls are made several times when the other party does not answer or is out of service, the call to this number may be disabled. In this case, turn terminal off and on.

■ External device connection

Phenomenon	Cause and handling
An external device which is connected via USB cable A to C cable etc. is not recognized	- Reconnect the external device. However, some devices may not be detected. - When moisture is detected on the USB Type-C jack, automatic detection of USB device is disabled and an external device cannot be recognized. Check that any water droplet is not on the USB Type-C jack, connect the USB device, and then tap the displayed message.

Error messages

Error messages	Cause and handling
No service	- The terminal is out of service area, or radio wave does not reach. Move to a location where radio wave can be reached. - The nano SIM card is not working properly. Removing and inserting the nano SIM card again may improve the problem. If the problem persists, ask the contact on the last page to consult.
Mobile network not available	Install a nano SIM card correctly (P34) and move to a location where radio waves can reach.
Normal calls restricted by access control	Appears when normal voice call service is hard to receive because communication lines are busy.
Calls restricted by access control	Appears when normal/emergency voice call service is hard to receive because communication lines are busy.
No voice service	Appears when normal voice call service is not available.
No voice service or emergency calling	Appears when normal/emergency voice call service is not available.
No mobile data service	Appears when the data service is not available.

Error messages	Cause and handling
SIM card is locked	Enter your PIN code (P.48) correctly.
SIM card is PUK-locked	Enter your PUK (PIN Unlock Key) (P.48) correctly.
PIN lock disable code is locked.	PIN Unlock Key is locked. Please contact a docomo Shop.
Storage space running out	Available memory of the internal storage is getting low. If you continue to use the terminal, some functions or applications may not work. Uninstall (P.172) unnecessary applications.
Memory full	There is no memory space in the internal storage or microSD card. Delete unnecessary data (P.203) to save the memory space.

Software Update

Software update

Software update* is a function which updates the software so as to use the terminal safer and more comfortable. The followings are included. Be sure to update the software to the latest one.

There are the following 4 types' updates for Software update.

* On the terminal, it is displayed as System update.

- Android OS version upgrade
Upgrade Android OS and the version of the preinstalled applications to improve the function/operability/quality resulting in using the terminal more comfortable and safer.
- Adding new functions
Update the preinstalled applications or functions of the terminal to improve the function/operability resulting in using the terminal more comfortable.
- Improving quality
Update the preinstalled applications or functions of the terminal to improve the quality resulting in using the terminal more comfortable.

- Security patch update
Update the security patch so that the software for dealing with the vulnerability can be applied. You can use the terminal more safely if it is applied.

For detail of the updates which provided to the terminal and the period, refer to NTT DOCOMO website.

Terms of use

- For using packet communication via 5G/Xi (The access point is set to spmode.ne.jp), the communication charge for downloading is not applied.
- To execute the software update overseas, Wi-Fi connection is required.
- When the software is modified, update is not available.

Updating the software

Starting the update

To start updating, perform the either operation in the following.

- From the update notification
From the status bar of the terminal, tap the notification to start updating.
- From the screen which appears on a regular basis
When updating the terminal is available, the confirmation screen may appear.
Select the operation in the confirmation screen to proceed with the update.
- From the Settings menu
From the Home screen,  [Settings] ► [System] ► Tap [System update] to start updating.
If the update is not needed, "Your system is up to date" appears.

Flow of updating

Updating can be executed as follows. For detail operation steps, follow the onscreen instructions on the terminal.

1 Download an update file and install.

- Depending on update type, downloading an update file and installing will be executed automatically.
- The notification or confirmation screen may appear before downloading and installing the update file. When either screen appears, follow the onscreen instructions to proceed the system update.
- * Although a message indicating that the communication charge is incurred may appear, the communication charge is NOT incurred when you set to `spmode.ne.jp`.

2 Restart.

- Whenever the update is prepared, the notification or confirmation screen appears.
Tap [Restart Now] to restart the terminal soon.
Tap [Restart after 02:00] to automatically restart in the nighttime.
- * The confirmation screen appears just before the restart. To stop restarting, tap [Not now] within a certain time.

3 Notification of update completion.

- When the update is complete, the completion screen appears on the terminal.
- After the Android OS version upgrade, check if there are updates of the applications that you have installed personally. Without updating them, operations may become unstable or functions may not work properly.

Notes

- Once the software update is complete, you cannot restore the previous software.
- While the software is updating, the unique information of the terminal (model, serial number, etc.) is sent to the server of DOCOMO. DOCOMO does not use the sent information for purposes except software update.
- Software update needs to restart the terminal. While updating, all functions including dialing/receiving calls are not available.
- By executing software update, some settings may be initialized. Make the settings again.
- If PIN code is set, PIN code entry screen appears while the terminal is restarting after the rewriting process. Enter PIN code.

- If the software update failed and all the operations are disabled, please contact us. For inquiries, refer to the last page.
- Although the software update can be done with data saved to the terminal; the data may not be always safe depending on the conditions of your terminal (such as malfunction, damage, or water leak). DOCOMO recommends backing up necessary data in advance. Availability of data backup for each application varies by application. For procedure of data backup for each application, contact the developer of application.
- Software update is unavailable in the following cases. Solve the phenomenon and then retry.
 - During a call
 - When date and time are not set correctly
 - When the remaining battery is not sufficient
 - When the available memory is not sufficient in the internal storage
 - During International roaming
- Do not turn off the terminal while updating the software.
- Stay in a place with good radio wave condition when downloading the update file. The update may be canceled if the radio wave condition is not good enough.

Warranty and After Sales Services

Warranty

- The terminal comes with a year's warranty starting from the date of purchase.
- The specifications and the outer appearance of the terminal are subject to change for improvement without prior notice.
- Data saved in the Contacts etc. may be changed/lost due to the trouble/repairs or handling of the terminal. DOCOMO recommends making a copy of the Phonebook data etc., in case.
 - * You can save Phonebook data in a microSD card inserted to the terminal.
 - * Data such as phonebook entries can be backed up by using docomo cloud.
 - * Some applications or services may not be available depending on your contract. For details, refer to NTT DOCOMO website.

Free repair service provisions

- ① In case the product has a malfunction under normal-use conditions in line with the directions given in the instruction manual etc., it will be repaired free of charge on the condition that the warranty period has not expired. (In some cases, the product may be replaced with the substitute.)

- ② Even if the warranty period has not expired, a fee will be charged for repair under the following circumstances.
 - 1. The malfunction or damage is due to modification (including alteration of software) of the product.
 - 2. The malfunction or damage is due to damage of the terminal body, display, external connection jack, etc. caused by being dropped or subjected to an external pressure, or the malfunction or damage is due to breakdown or deformation of the internal circuit board of the terminal.
 - 3. The malfunction or damage is due to fire, pollution, abnormal voltage, earthquake, thunder, wind and flood damage or other natural disaster, etc.
 - 4. The malfunction or damage is due to connected devices other than specified or consumable items.
 - 5. The malfunction or damage is due to water infiltration, wetting is detected by wetting detectable sticker of the terminal, signs of submergence or water stain is found, or corrosion by condensation is found.
 - 6. The product has been repaired by other than the repair office specified by DOCOMO.
- ③ This warranty is valid only in Japan.
- ④ This warranty guarantees repair free of charge during the period and under the conditions specified on this warranty card. Thus this warranty does not limit the legal rights of the owner.
- ⑤ If several malfunctions are detected on the collected terminal, all of malfunctions will be repaired because the quality of the product cannot be guaranteed by a partial repair. In that case, repair may be out of the warranty of free charge repair.
- ⑥ The software of the collected terminal may be updated to the latest version due to operation test even if the repair is not executed.
- ⑦ Please find repaired part and repair date on the repair report that is handed over upon completion of repair.

<Sales>
NTT DOCOMO, INC.
11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo

After Sales Services

If you have problems with the terminal

Before requesting repair, see "Troubleshooting" (P.217) in this manual to check the problem.

For repair

We accept repair request at a DOCOMO-specified repair office (shop or website). For inquiries, refer to the last page.

Note that repair may take some days depending on trouble condition.

■ If the warranty period expires

We will repair the terminal at the owner's expense.

■ Parts stock period

The functional parts necessary to repair the terminal will be basically available for a minimum of 4 years after the manufacture is discontinued.

For repair reception, refer to NTT DOCOMO website.

However, depending on the trouble part, repair may not be possible due to shortage of repair parts. For details, contact a DOCOMO-specified repair office. For inquiries, refer to the last page.

Precautions

● Never modify the terminal.

- Doing so may result in fire, injuries or malfunctions.
- The modified terminal may be repaired only if the owner agrees on that all the modified parts are restored to the original conditions.

However, repairs may be refused depending on the modifications.

The following cases may be considered as modifications.

- Put a seal etc. on the display or key part
- Glued decorations on the terminal using adhesion bond, etc.
- Change the parts such as exterior to other than DOCOMO standard parts
- Malfunction and damage due to modifications will be repaired at the owner's expense, even if the warranty period is still effective.

● Note that the settings and other information may be reset (cleared) as a result of malfunction, repair or other handling. In this case, make the settings again. In that case, packet communication charge may incur depending on the settings.

● After the repair, Wi-Fi MAC address or Bluetooth address may be changed regardless of the repaired parts.

- Take care not to let an object that is easily affected by magnetism, such as a cash card near the terminal because the card may become unavailable.
- The terminal is waterproof, However, if inside of the terminal gets wet or moist, you are recommended to turn the power off the terminal immediately and bring it to a DOCOMO-specified repair office as soon as possible. Note that repair may not be possible depending on the condition of the terminal.

Created data and download information

Note that data you created, or retrieved or downloaded from sources other than your terminal may be changed, lost, etc. when you change the terminal model or ask repairs. DOCOMO shall have no liability for any change or loss. DOCOMO shall have no liability for packet communication charge for re-downloading data. Under some circumstances, DOCOMO may replace your terminal with its equivalent instead of repairing it. In that case, such data cannot be transferred to the replaced product except for a part.

Main specification

Changes may occur because of software update, etc. For the latest information, refer to NTT DOCOMO website.

■ The terminal

Product name		XXXXXX
Size		Height : Approx. 155 mm, Width : Approx. 68 mm, Thickness : Approx. 8.5 mm
Weight		Approx. 160 g
Display	Size	Approx. 6.1 inches
	Type	Organic EL Triluminos® display for mobile
	Resolution (pixel, width × length)	Full HD+ (1080×2520)
Internal memory		RAM : 6GB ROM : 128GB*1
Battery capacity	Battery capacity	5000mAh
	Watt-hour rating	18.91 Wh
Continuous stand-by time (stationary) *2*3	4G (LTE)	Approx. 720 hours

Continuous call time*3*4	4G (LTE)	LTE (VoLTE) : Approx. 2,210 min. LTE (VoLTE (HD+)) : Approx. 2,100 min.
Charging time		AC Adapter 08 : Approx. 150 min.
Wireless LAN	Standards	Compliant with IEEE802.11a/b/g/n/ac (Corresponding frequency band to IEEE802.11n : 2.4GHz/5GHz)

Bluetooth	Version	5.1 ^{*5}
	Radio power	power class 1
	Supported profile Codec ^{*6} (version)	HFP (1.8) (mSBC: 16kHz), HSP (1.2), OPP (1.2), SPP (1.2), HID (1.0), A2DP (1.3) (LDAC/aptX Adaptive/aptX HD/aptX/ AAC/SBC), AVRCP (1.6), PBAP (1.2), PAN (PAN-NAP (1.0)/ PANU (1.0)), HOGP (1.0), MAP (1.4)
Earphone-microphone jack	Diameter for connector	3.5 ϕ earphone jack
	Number of poles ^{*7}	4-pole
Camera		

Image pickup device	Type	Main camera ① : Back-side illumination CMOS Main camera ② : Back-side illumination CMOS Main camera ③ : Back-side illumination CMOS Front camera : Back-side illumination CMOS
	Size	Main camera ① : 1/4 inches Main camera ② : 1/2.8 inches Main camera ③ : 1/4.4 inches Front camera : 1/4 inches
Effective pixels		Main camera ① : Approx. 8 million pixels Main camera ② : Approx. 12 million pixels Main camera ③ : Approx. 8 million pixels Front camera : Approx. 8 million pixels
Recording file format	Video	MP4
	Still image	JPEG
Maximum recording time per one video		Approx. 360 min. ^{*8}

Zoom (digital)	Video	Main camera : Up to approx. 5.0 x Front camera : —
	Still image	Main camera : Up to approx. 5.0 x Front camera : —
Zoom (optical)	Video	Main camera : Up to approx. 2.0 x Front camera : —
	Still image	Main camera : Up to approx. 2.0 x Front camera : —
Zoom (digital x optical)	Video	Main camera : Up to approx. 10.0 x Front camera : —
	Still image	Main camera : Up to approx. 10.0 x Front camera : —
Video play	Compatible codec	H.263, H.264, H.265, MPEG-4 Video, VP8, VP9, AV1
Music play	Compatible codec	AAC-LC, AAC+, eAAC+, AAC-ELD, AMR-NB, AMR-WB, FLAC, MP3, MIDI, Vorbis, PCM, Opus, DSD, 360 Reality Audio Music Format
Answering Machine	Savable number	No limit ^{*9}
	Maximum recordable time per one	Up to 60 seconds

- *1 You cannot use all of the space of memory for saving data such as shot videos and still images, downloaded applications or data, etc. For available memory, see "Storage" (P.176).
- *2 Continuous stand-by time is the estimated average operation time when the terminal is in stationary state with normal radio wave reception. Continuous stand-by time varies greatly according to the terminal settings, usage environment, use frequency of calling/mail/camera, etc.
- *3 When the use frequency of each function is high, actual usage time may be less than half.
- *4 Continuous call time varies greatly according to the terminal settings, usage environment, use frequency of calling/mail/camera, etc.
- *5 However, procedures may differ or data transfer may not be possible depending on the Bluetooth device's characteristics or specifications.
- *6 Bluetooth standards for Bluetooth device connection procedure according to application purpose.
- *7 The terminal supports quadrupole headsets that are compliant with the CTIA standard.
- *8 Time of recording with Video size of 1920×1080 (Full HD).
- *9 The number of messages that can be stored depends on the amount of available memory on your terminal.

- **Display language**
Bosnian/Catalan language/Czech/Danish/
German/Estonian/English/Spanish/
Filipino/French/Croatian/Indonesian/
Icelandic/Italian/Latvian/Lithuanian/
Hungarian/Malaysian/Dutch/Norwegian
(language for books)/Polish/Portuguese/
Romanian/Albanian/Slovakian/Slovenian/
Serbian/Finnish/Swedish/Vietnamese/
Turkish/Greek/Bulgarian/Kazakh/
Macedonian/Russian/Ukrainian/Hebrew/
Arabic/Persian (Dari language)/Marathi/
Hindi/Bengali/Tamil/Telugu/Kannada/
Malayalam/Thai/Korean/Japanese/Chinese
(Simplified)/Chinese (Traditional)

- **Entry language**
For available languages, refer to the
following website.
<https://goo.gl/fMQ85U>

Certificate and compliance

You can check details of certificate and compliance mark specific to the terminal (including certificate number/compliance number).

- 1 **From the Home screen,**
 ► **[Settings] ► [About phone].**
- 2 **[Certificates]**

- **VCCI**
The terminal complies with a technical standards based on VCCI RULES FOR VOLUNTARY CONTROL MEASURES and the mark of conformity is depicted electronically on the screen.

Specific Absorption Rate of Mobile Phone, etc.

Specific Absorption Rate (SAR) Information of Mobile Phones

This model XXXXXX mobile phone complies with the Japanese technical regulations and the international guidelines regarding human exposure to radio waves.

This mobile phone was designed in observance of the Japanese technical regulations regarding exposure to radio waves^(*)1) and the limits of exposure recommended in the international guidelines, which are equivalent to each other. The 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 substantial safety margins designed to assure the safety of all persons, regardless of age and health conditions. The technical regulations and the international guidelines set out the limits of exposure to radio waves as the Specific Absorption Rate, or SAR, which is the value of absorbed energy in any 10 grams of human

tissue over a 6-minute period. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use near the head is 0.80 W/kg^(*)2), and that when worn on the body is 0.87 W/kg^(*)3). There may be slight differences of the SAR values in individual product, but they all satisfy the limit. The actual value of SAR of this mobile phone while operating can be well below the indicated above. This is due to automatic changes in the power level of the device to ensure it only uses the minimum power required to access the network.

This mobile phone can be used in positions other than against your head. By using accessories such as a belt clip holster that maintains a 1.5cm separation with no metal (parts) between it and the body, this mobile phone is certified the compliance with the Japanese technical regulations and the international guidelines.

The World Health Organization has stated that "a large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use."

Please refer to the WHO website if you would like more detailed information.
<https://www.who.int/news-room/fact-sheets/detail/electromagnetic-fields-and-public-health-mobile-phones>

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

Ministry of Internal Affairs and Communications Website:

<https://www.tele.soumu.go.jp/e/sys/ele/index.htm>

Association of Radio Industries and Businesses Website:

<https://www.arib-emf.org/01denpa/denpa02-02.html> (in Japanese only)

NTT DOCOMO, INC. Website:

<https://www.docomo.ne.jp/english/product/sar/>

Support page on Xperia official website:

<https://xperia.sony.jp/product/SAR/> (in Japanese only)

*1 The technical regulations are provided in Article 14-2 of Radio Equipment Regulations, a Ministerial Ordinance of the Radio Act.

*2 Including other radio systems that can be simultaneously used with 5G/LTE.

*3 Including other radio systems that can be simultaneously used with 5G/LTE.

Radio Wave Exposure and Specific Absorption Rate (SAR) Information

Important Information United States

THIS PHONE MODEL HAS BEEN CERTIFIED IN COMPLIANCE WITH THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

This mobile phone model XXXXXX has been designed to comply with applicable safety requirements for exposure to radio waves. Your wireless phone is a radio transmitter and receiver. It is designed to not exceed the limits* of exposure to radio frequency (RF) energy set by governmental authorities. These limits establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by international scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a safety margin designed to assure the safety of all individuals, regardless of age and health. The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate (SAR). Tests for SAR are conducted using standardized methods with the phone transmitting at its highest certified

power level in all used frequency bands. While there may be differences between the SAR levels of various phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.

The highest SAR value as reported to the authorities for this phone model when tested for use by the ear is 0.50 W/kg*, when worn on the body is 0.61 W/kg* and when WiFi hotspot mode is 0.61 W/kg. For body-worn operation, this phone has been tested and meets the FCC RF exposure guidelines. Please use an accessory designated for this product or an accessory which contains no metal and which positions the handset a minimum of 10 mm from the body.

For devices which include "WiFi hotspot" functionality, SAR measurements for the device operating in WiFi hotspot mode were taken using a separation distance of 10 mm. Use of third-party accessories may result in different SAR levels than those reported.

****** Before a phone model is available for sale to the public in the US, it must be tested and certified by the Federal Communications Commission (FCC) that it does not exceed the limit established by the government-adopted requirement for safe exposure*. The tests are performed in positions and locations (i.e., by the ear and worn on the body) as required by the FCC for each model.

The FCC has granted an Equipment Authorization for this phone model with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. While there may be differences between the SAR levels of various phones, all mobile phones granted an FCC equipment authorization meet the government requirement for safe exposure. SAR information on this phone model is on file at the FCC and can be found under the Display Grant section of <https://www.fcc.gov/oet/ea/fccid> after searching on FCC ID PY7-97087H. Additional SAR-related information can also be found on the Mobile and Wireless Forum at <https://www.mwfai.org/>.

* In the United States, the SAR limit for mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The standard incorporates a margin of safety to give additional protection for the public and to account for any variations in measurements.

** This paragraph is only applicable to authorities and customers in the United States.

Europe

This mobile phone model XXXXXX has been designed to comply with applicable safety requirements for exposure to radio waves. These requirements are based on scientific guidelines that include safety margins designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted using standardized methods with the phone transmitting at its highest certified power level in all used frequency bands.

While there may be differences between the SAR levels of various phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.

SAR data information for residents in countries/regions that have adopted the SAR limit recommended by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is 2 W/kg averaged over ten (10) gram of tissue (for example European Union, Japan, Brazil and New Zealand):

For body worn operation, this phone has been tested and meets RF exposure guidelines when used with an accessory that contains no metal and that positions the

handset a minimum of 5 mm from the body. Use of other accessories may not ensure compliance with RF exposure guidelines. The highest SAR value for this model phone when tested by Sony for use at the ear is 0.40 W/kg (10g). In the case where the phone is worn on the body, the highest tested SAR value is 1.02 W/kg (10g).

FCC Statement for the USA

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Any change or modification not expressly approved by Sony may void the user's authority to operate the equipment. 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 a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Export Controls and Regulations

This product and its accessories may be covered and controlled by Japan's export control regulations ("Foreign Exchange and Foreign Trade Law" and related laws and regulations) And, they are also under coverage of Export Administration Regulations of the U.S. When exporting and reexporting this product and its accessories, take necessary procedures on your responsibility and expense. For details, contact Ministry of Economy, Trade and Industry of Japan or US Department of Commerce.

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Index

A	
About phone	201
Access point	
Initializing	165
Setting	164
Accessibility	183
Add account	193
Adjusting sound volume	178
Airplane mode	165
Alarm	153
Alarm ringtone	178
Alarm volume	178
Amazon Shopping	99
Anshin Security	97
Answering Machine	110
App info	171
App permissions	58
Appearance	182
Application	
Adding to the Home screen (docomo LIVE UX)	83
Adding to the Home screen (Xperia Home)	95
docomo LIVE UX	86
List	97
Resetting	173
Search (docomo LIVE UX)	86
Search (Xperia Home)	95
Uninstalling (docomo LIVE UX)	83
Uninstalling (Play Store)	143
Uninstalling (Xperia Home)	96
Xperia Home	95
Application screen	
docomo LIVE UX	86
Simple Home	92
Xperia Home	95
Application selection screen	57
Apps	
Settings	171
Area Mail	124
Assistant	97
Automatically sync app data	194
Auto-rotate screen	55
B	
Battery	175
Battery Care	40
Battery level	39
Bedtime	154
Bluetooth	204
Changing device name	204
Enabling	204
Pair setting	204
Receiving	206
Sending	206
Bookmarks	128
Brightness level	180
C	
Calculator	98
Calendar	97
Call	103

Accessibility	112	Editing	63
Answering with Answering Machine	106	Input method	60
Audio output	108	Settings	64
Call Blocking	111	Tool icon	62
Calling screen	107	Charging	39
Declining a call	106	Using a PC	42
Ending	107	Using AC adapter	41
Hold call	107	Using DC adapter	42
Incoming screen	105	Chrome	125
Making a call	103	Adding tab	126
Mute	107	Bookmarks	128
Receiving	105	History	128
Speaker	108	Incognito tab	126
Call Blocking	111	Link	127
Call forwarding service	111	Searching text	126
Call history	108	Settings	127
Adding to the phonebook	109	Clock	153
Deleting	109	Cloud menu	114
Call History screen	108	Connection preferences	170
Call notification	111	Contactless payments	147
Call settings	111	Contacts screen	113
Call waiting	111		
Caller ID display request service	111		
Caller ID notification	111		
Camera			
Activating	129		
Capturing mode	131		
Portrait selfie	140		
Settings	135		
Shooting photos	133		
Shooting screen	130		
Shooting videos	134		
Still image size	132		
Video size	132		
Character entry	59		

D

d ACCOUNT	46
d Barai	99
d POINT	99
Data Copy	155
Data Saver	168
Data Storage BOX	98
Date & time	198
dcard	99
Device connection	170
Digital Wellbeing & parental controls	195
Disaster kit	97

Disney DX	100
Display	179
Display (touch screen)	50
Drag	50
Flick	50
Pinch	51
Scroll	51
Slide	50
Swipe	50
Tap	50
Touch and hold	50
dmarket	142
dmenu	142
docomo Data Copy	155
docomo mail	117
docomo service/cloud	192
Docs	98
dphoto	99
Drive	98
Duo	100

E

Early Warning "Area Mail"	124
Emergency call	103
English guidance	112

F

Facebook	100
Files	202
Fingerprint authentication	188
Authentication	189
Registration	189
Flick input	62
FM radio	100

Function that allows users and a guest to use the terminal	199
--	-----

G

Gboard	64
Gestures	197
Gmail	123
Google	195
Google account	46
Google Maps	150
Current location	151
Google One	100
Google Pay	100
Google Search	80
Google TV	100
Google Voice Search	80
GPS	
Activate	150
GPS function	149

H

Headphones	100
Home	100
Home app	
docomo LIVE UX	81
Simple Home	92
Switching	81
Xperia Home	89
Home screen	81
docomo LIVE UX	82
Folder (Xperia Home)	90
Settings (docomo LIVE UX)	84
Simple Home	92
Wallpaper (docomo LIVE UX)	84

Wallpaper (Xperia Home)	91
Widget (Xperia Home)	90
Xperia Home	89
Home Settings (Xperia Home)	91

I

iD application	147
In-call volume	
Setting	178
Initial settings	45
International call	
Making a call from Japan	105
Making a call in the place you stay	211
International roaming	208

J

JSpeak	99
--------------	----

K

Key icons	55
Kindle	100

L

Landscape view	55
Languages & input	196
LinkedIn	100
Listening volume	108
Location	191
Location services	149
Activate	150
Lock screen	180

M

Media volume	178
Memo	99
microSD card	
Formatting	176
Unmounting	176
Missed call	109
Multiple users	199
Multi-tap input	63
Multi-window switch	72
Music	148
Playing	148
my daiz	101
my daiz NOW	87
My Magazine	87
My profile	115
My Sony	101

N

nano SIM card	33
Precautions	21
Network service	111
Network services (overseas)	214
Network & internet	159
News	98
NFC	144
Notification icon	66
Notification LED	65
Notification panel	67
Notification sound	178
Notification volume	178
Notifications	173
Nuisance call blocking service	111

O

One-handed mode	79
Online diagnosis for smartphones	98
Osaifu-Keitai	144
Locking	146
Osaifu-Keitai compatible service	146
Settings	145
Osusume Apps	86

P

Passwords & accounts	193
Personal dictionary	64
Phone	
Ringtone volume	106
When an application is running	107
Phonebook	112
Adding a new contact	113
Editing a contact	114
Exporting	116
Importing	116
Label (Group) setting	115
Making a call	113
My profile (editing)	115
Sharing	116
Top Contacts	114
Photos	141
PIN code	48
PIN Unlock Key (PUK code)	48
Play Store	143
Installing	143
Uninstalling	143
Podcasts	101
Pop-up window	73
Portrait view	55

Preferred network type	210
Privacy	190
Proximity/light sensor	32
PS App	101
Public mode (power OFF) settings	112

Q

Quick settings panel	69
QWERTY	60

R

Reader by Sony	101
Reject call with message	106
Remote operation settings	112
Removing account	194
Reset	200
Ring volume	178
Ringtone	178
Roaming settings	214

S

Safety & emergency	192
Schedule	
Creating	152
Displaying	151
Screen lock	187
Setting	186
Unlocking	44
Screen record	57
Searching	80
Security	185
Security code	
Network security code	47
PIN code	48

PIN Unlock Key (PUK code)	48
Settings menu	158
Sheets	97
Shooting photos	133
Shooting videos	134
Side sense	51
Moving the side sense bar	52
Multi-window menu	54
Setting	181
Side sense menu	53
Silent mode	56
SIM card lock	48
Simple Home	92
SIMs	163
Sleep mode	44
Slides	98
SMS	120
Software keyboard	59
Software Update	225
Sound	177
Specific Absorption Rate (SAR)	236
Specification	232
Split screen	71
STAMINA mode	175
Status bar	65
Status icon	66
Stopwatch	154
Storage	176
Internal shared storage	202
microSD card	36
SuguApp	75
Suguden setting	76
System	196

T

Take screenshot	56
Task manager	71
Tethering	166
Bluetooth tethering	168
Ethernet tethering	168
Portable hotspot	166
USB tethering	167
Text editing	63
Text-to-speech output	185
Timer	154
Troubleshooting	217
Turning power on/off	43

U

USB connection	207
USB Storage	176

V

Vibration	
Silent mode	56
Sound	177
Video & TV SideView	101
Voice search	80
Voicemail service	111
VPN	169

W

Wallpaper	
docomo LIVE UX	84
Setting	182
Xperia Home	91
Waterproofness/Dustproofness	26

White balance	180
Wi-Fi	160
Wi-Fi Direct	162
WORLD CALL	105
World clock	153
WORLD WING	208

X

Xperia cover	101
Xperia guide	101
Xperia Lounge Japan	101

Y

YouTube	101
YT Music	101

Symbols

+Message	117
Deleting a message	121
Deleting a thread	121
Forwarding	121
Official Account	122
Receiving	121
Sending	119
Setting	122

Numerics

12 keys	60
---------------	----

Check usage charge, usage status, subscription information, or make various application online

The terminal: dメニュー (dmenu) ▶ [My docomo]

PC: My docomo (<https://www.docomo.ne.jp/mydocomo/>) (in Japanese only)

* There are cases where the site may not be available due to system maintenance, etc.

* To use "My docomo", "Network security code" and "ID/password of d ACCOUNT" are required.

Don't forget your mobile phone ... or your manners!

Remember to be courteous to others when you use your terminal.

Turn the power off when you are:

- In places where use is prohibited
Follow the instructions of each airline or medical facility for the use of mobile phones on their premises. Power off the terminal in a place where the use is prohibited.

Always set to public mode in case below

- Driving
Be careful about using the terminal while driving a car etc. Unless required by laws and regulations, gazing at the screen of the terminal or holding the terminal in your hand for calling while driving is subject to penalties.
- In public spaces such as theaters, cinemas, art galleries, or libraries
Using the terminal in a public place, where you need to be quiet, annoys people around you.

Keep your voice and ring tone down

- Keep your voice down in quiet places like restaurants and hotel lobbies.
- If you are in an outdoor public place, make sure you do not disturb others.

Respect privacy

- Please be considerate of the privacy of individuals around you when taking and sending photos using camera-equipped terminals.

Do not use smartphone while walking

- It is very dangerous to look at a display of smartphone or mobile phone while walking. That extremely narrows your field of view, and may lead accidents possibly involving surrounding people.
- Stop and stay in a safe place and then use smartphone.

Have good manners

[Silent mode] (P.56)

Silent mode mutes the sounds of the terminal such as the operation sounds and the ringtone.

* Shutter sound cannot be muted.

[Public mode (power OFF)] (P.112)

Tells the caller via a guidance message that receiver need to turn the power off, and the call ends automatically.

[Vibrate] (P.177)

Vibrates when there is an incoming call.

[Answering Machine] (P.110)

When you cannot answer a call, the terminal records a message from the caller.

You can also use optional services such as the Voice Mail Service (P.111) and Call Forwarding Service (P.111).



We collect old phones, etc. regardless of brands and manufacturers. Bring them to your nearest docomo Shop.

* Items to be collected: mobile phones, PHS, battery packs, chargers, desktop holders (regardless of brands and manufacturers)

General Inquiries

<docomo Information Center>

 0120-005-250 (toll free)

*Service available in: English, Portuguese, Chinese, Spanish.

*Unavailable from part of IP phones.

(Business hours: 9:00 a.m. to 8:00 p.m.)

■ From DOCOMO mobile phones (In Japanese only)

 (No prefix) 151 (toll free)

*Unavailable from land-line phones, etc.

■ From land-line phones (In Japanese only)

 0120-800-000 (toll free)

*Unavailable from part of IP phones.

(Business hours: 9:00 a.m. to 8:00 p.m. (open all year round))

● Please confirm the phone number before you dial.

● For Applications or Repairs and After-Sales Service, please contact the above-mentioned information center or the docomo Shop etc. near you on the NTT DOCOMO website.

● For Online Repair Acceptance Service (in Japanese only), refer to NTT DOCOMO website.

NTT DOCOMO website <https://www.docomo.ne.jp/english/>

Repairs (Inquiries/Request)

■ From DOCOMO mobile phones (In Japanese only)

 (No prefix) 113 (toll free)

*Unavailable from land-line phones, etc.

■ From land-line phones (In Japanese only)

 0120-800-000 (toll free)

*Unavailable from part of IP phones.

(Business hours: 24 hours (open all year round))

Inquiries while overseas (For loss, theft, phone malfunctions, etc.)

From DOCOMO mobile phones (In Japanese only)

Display "+* -81-3-6832-6600 (toll free)

(Touch and hold "0" to enter "+*")

You can also call using the international call access number instead of using "+".

(Business hours: 24 hours (open all year round))

● Please confirm the phone number before you dial.

● If you lose your terminal or have it stolen, immediately take the steps necessary for suspending the use of the terminal.

● If the terminal you purchased is damaged, bring your terminal to a repair counter specified by DOCOMO after returning to Japan.

From land-line phones

International call access number of your country of stay -81-3-6832-6600 (charges apply)

*Voice communication charges to Japan apply.

*For international call access number, refer to NTT DOCOMO website.

(Business hours: 24 hours (open all year round))

For subscriber of ahamo plan

■ Inquiries about repairs etc.

ahamo website

<https://ahamo.com/>



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