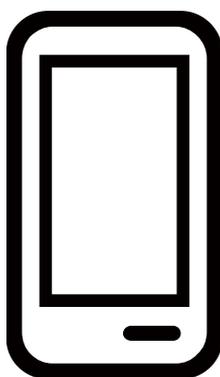


SHARP[®]

AQUOS PHONE es

WX04SH



Online Manual

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1. Getting Started

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Introduction

Thank you for purchasing WX04SH.

Before You Begin

- Read "Quick Tips" in Japanese User Guide thoroughly beforehand for proper usage.
- Accessible services may be limited by contract conditions.
- Guide content subject to change without prior notice.

Guide Usage Notes

- WX04SH is referred to as "handset."
- Most operation descriptions are based on default settings.
- Unless noted otherwise, descriptions are for application sheet in 3-Line Home.
- "Confirmation" refers to authentication prompt, selection, caution or other message that appears after operation.
- Some operation descriptions may be omitted.
- microSD/microSDHC memory card is referred to as "SD Card."
- In this guide and on handset, "abroad" means "outside Japan" with regard to handset/service usage.

Screenshots & Key Labels

Screenshots and key labels are provided for reference only. Actual handset windows, menus, etc. may differ in appearance.

Package Contents

Package Contents

If any of the following items are missing, please contact your dealer.

- Handset (WX04SH)
 - Battery is built into handset.
 - Handset back cover is not removable.
- SD/USIM Card Insertion/Removal Tool (complimentary sample)
- Japanese User Guide (including warranty information) with English "Quick Tips"
- microSD memory card (complimentary sample, preinstalled)

Parts & Functions

Handset Parts



Name	Description
1 Strap Eyelet	Attach Straps here.
2 Headphone Port	Connect headphones with mic here.
3 Internal Camera	Shoot photos or videos.
4 Earpiece	Hear other party's voice through this.
5 SD/USIM Card Slot	Insert/remove USIM Card and SD Card.
6 Notification Lamp	Illuminates while charging or for notifications (missed calls, new messages, etc.).
7 Proximity/Light Sensor	Detects ambient light level and prevents Touchscreen misoperation during calls.
8 Display	Touch Display to select menu items, open functions, scroll pages, etc.



Name	Description
1 Pressure Vent	Helps maintain handset performance. Do not place a sticker, label, etc.
2 Camera (External Camera)	Shoot photos or videos.
3 Infrared Port	Transfer files using Infrared.
4 Mic ¹	Talk to other party through this.
5 External Device Port	Connect AC Charger or commercially available micro USB cable here.
6 Speaker	Listen to music, video/One Seg audio, etc. through this.
7 Mobile Light	Use as a flashlight or camera flash.
8 FeliCa Logo	Place over reader/writer to use Osaifu-Keitai®.

1 Do not cover during calls.

Handset Keys



Name	Description
1 (Power Key)	Activate/cancel Screen lock. Long Press for power on/off. ¹
2 (Volume Down Key)	Decrease Volume. In Welcome sheet (lock screen) or 3-Line Home, Touch & Hold to activate/cancel Manner mode.
3 (Volume Up Key)	Increase Volume. In Welcome sheet (lock screen), Touch & Hold to turn on Mobile Light. ²
4 (Quick Start Key)	Out of Welcome sheet (lock screen), return to 3-Line Home. ³ Cancel Screen lock (when Display is completely dark). In Welcome sheet (lock screen), turn off Display. Long Press to activate Camera. ³

- 1 In addition, activate Airplane mode, set Manner mode option, etc.
- 2 To turn off, Tap Display.
- 3 Change assigned function as needed.

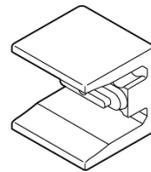
USIM Card Installation

USIM Card is an IC card containing customer and authentication information, including handset phone number.

SD/USIM Card Insertion/Removal Tool

There are two inscriptions (one for USIM and one for SD) on included SD/USIM Card Insertion/Removal Tool (hereafter "Insertion/Removal Tool"). Align the USIM side over the back of handset.

- Always use included Insertion/Removal Tool for USIM Card installation. Using other devices may damage handset and USIM Card. Take care not to lose Insertion/Removal Tool.

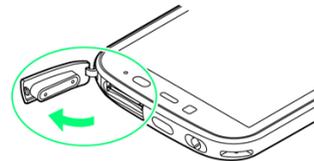


Inserting USIM Card

Always power off beforehand.

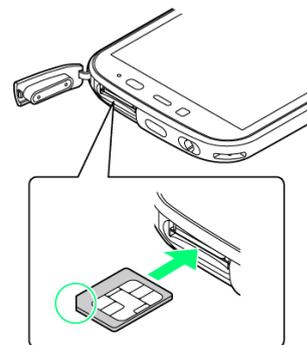
1

Open Card Slot Cover



2

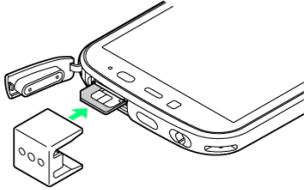
Insert USIM Card into USIM Card Slot (bottom opening)



- Check orientation of USIM Card, then insert it as shown.

3

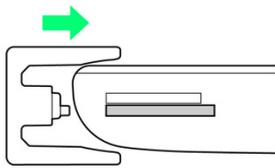
Align Insertion/Removal Tool with Card Slot, with the USIM side (USIM挿抜時：この面が背面側) facing down



- Take care not to get Card Slot Cover caught between handset and Insertion/Removal Tool.

4

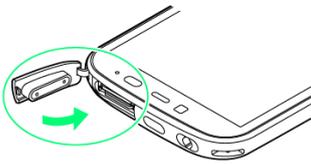
Gently push in Insertion/Removal Tool until it clicks



- After inserting USIM Card properly, pull back Insertion/Removal Tool slowly.

5

Close Card Slot Cover



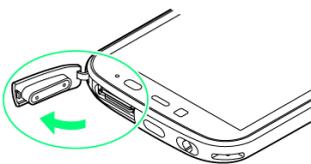
- Close Card Slot Cover firmly. Debris trapped between gasket and base may allow ingress of liquid.

Removing USIM Card

Always power off beforehand.

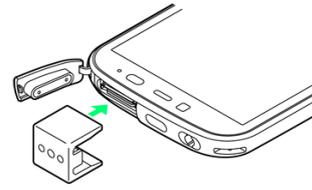
1

Open Card Slot Cover



2

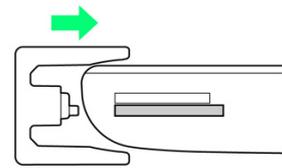
Align Insertion/Removal Tool with Card Slot, with the USIM side (USIM挿抜時：この面が背面側) facing down



- Take care not to get Card Slot Cover caught between handset and Insertion/Removal Tool.

3

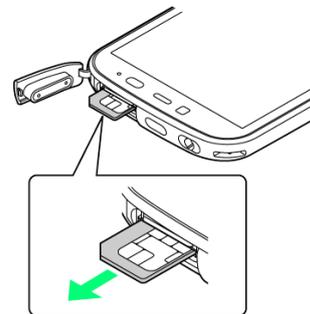
Gently push in Insertion/Removal Tool until it clicks



- Pull back Insertion/Removal Tool slowly (USIM Card pops out slightly). Pulling it back quickly may make USIM Card jump out.

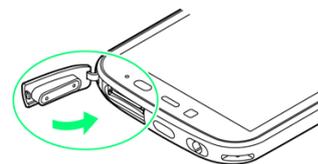
4

Remove USIM Card



5

Close Card Slot Cover



- Close Card Slot Cover firmly. Debris trapped between gasket and base may allow ingress of liquid.

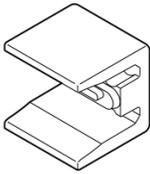
SD Card

Handset supports SD Card up to 32 GB. Some SD Cards may not operate properly.

SD/USIM Card Insertion/Removal Tool

There are two inscriptions (one for USIM and one for SD) on included SD/USIM Card Insertion/Removal Tool (hereafter "Insertion/Removal Tool"). Align the SD side over the back of handset.

- Always use included Insertion/Removal Tool for SD Card installation. Using other devices may damage handset and SD Card. Take care not to lose Insertion/Removal Tool.



Unmounting SD Card

Always unmount SD Card before removing it. (Complimentary SD Card preinstalled.)

1

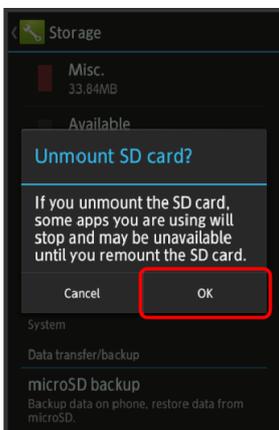
In application sheet, (Settings)

2

Storage

3

Unmount microSD OK



Unmount microSD changes to Mount microSD. (SD Card is unmounted.)

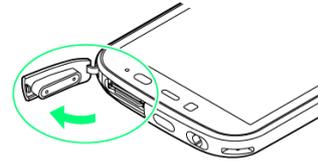
- To have SD Card recognized again, Tap Mount microSD.

Removing SD Card

Always power off beforehand.

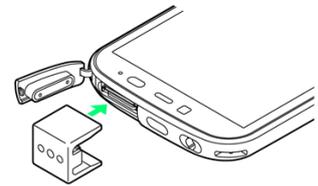
1

Open Card Slot Cover



2

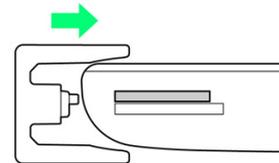
Align Insertion/Removal Tool with Card Slot, with the SD side (microSD挿抜時：この面が背面側) facing down



- Take care not to get Card Slot Cover caught between handset and Insertion/Removal Tool.

3

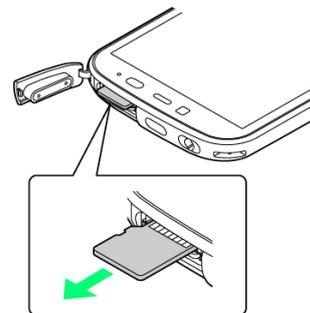
Gently push in Insertion/Removal Tool until it clicks



- Pull back Insertion/Removal Tool slowly (SD Card pops out slightly). Pulling it back quickly may make SD Card jump out.

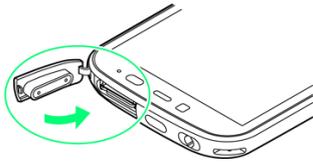
4

Remove SD Card



5

Close Card Slot Cover



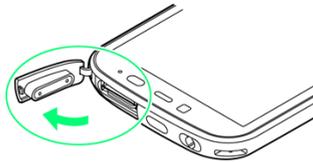
- Close Card Slot Cover firmly. Debris trapped between gasket and base may allow ingress of liquid.

Inserting SD Card

Always power off beforehand.

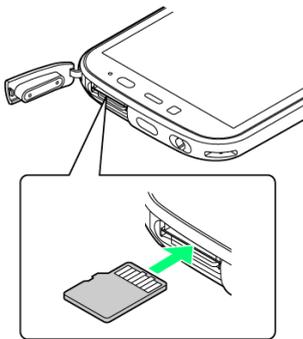
1

Open Card Slot Cover



2

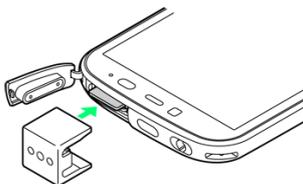
Insert SD Card into SD Card Slot (top opening)



- Insert it with terminals facing up.

3

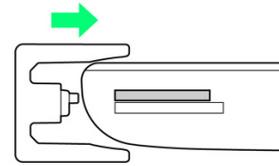
Align Insertion/Removal Tool with Card Slot, with the SD side (microSD挿抜時：この面が背面側) facing down



- Take care not to get Card Slot Cover caught between handset and Insertion/Removal Tool.

4

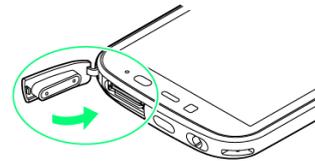
Gently push in Insertion/Removal Tool until it clicks



- After inserting SD Card properly, pull back Insertion/Removal Tool slowly.

5

Close Card Slot Cover



- Close Card Slot Cover firmly. Debris trapped between gasket and base may allow ingress of liquid.

Formatting SD Card

When using commercially available SD Card for the first time, format it on handset.

- Formatting deletes all SD Card files.
- Charge handset while formatting or charge it adequately beforehand.

1

In application sheet,  (Settings)

2

Storage

3

Erase microSD

4

Erase SD card

5

Enter Operation Password 

- If Operation Password is unset, follow onscreen prompts.

6

Erase everything



▶ Formatting starts.

- When finished, SD Card is mounted.

Complimentary Sample SD Card

Complimentary SD Card (excluded from warranty coverage) is preinstalled.

SD Card Usage Notes

SD Card Files

SD Card files may be lost/altered accidentally. Keep a separate copy of important information. Sharp Corporation and WILLCOM, Inc. are not liable for any damages resulting from accidental loss/alteration of information.

- Never power off while files are being accessed.

Supported SD Cards

Handset supports microSD memory cards and microSDHC memory cards. microSDXC memory cards (SDXC-compatible SD Cards) are not supported.

SD Card Caution

Keep SD Card away from infants; may cause choking if swallowed.

Charging Handset

Battery is built into handset.

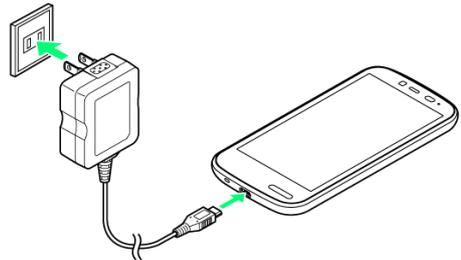
AC Charger (optional accessory) is not water proof.

Never charge handset while it is wet.

May cause fire, malfunction or burns due to electric shock or short-circuiting.

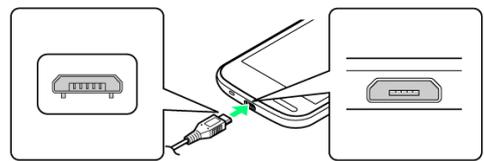
Charging with AC Charger

Purchase and use WILLCOM AC Charger 01 (AC01-MU-K; optional accessory).



1

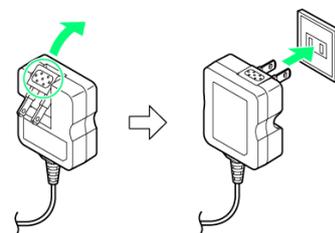
Insert micro USB plug of AC Charger into External Device Port



- Insert micro USB plug in correct orientation; otherwise, External Device Port may be damaged. Confirm contours and orientation of micro USB plug before inserting it.

2

Extend blades and plug AC Charger into AC outlet



▶ Notification Lamp illuminates while charging.

- Rotate blades out as shown.
- Notification Lamp goes out when charge is full.

3

Unplug AC Charger and retract blades

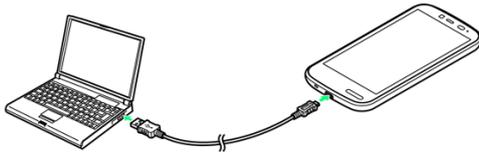
4

Remove micro USB plug from External Device Port

USB Charging

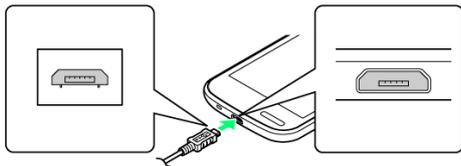
Use commercially available micro USB cable (hereafter "USB cable").

- Power on handset and PC first.
- Handset may not charge or charge slowly depending on PC status/environment.



1

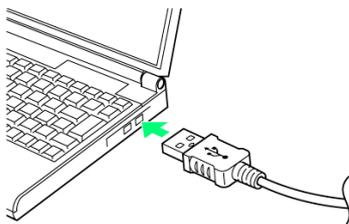
Insert micro USB plug of USB cable into External Device Port



- Insert micro USB plug in correct orientation; otherwise, External Device Port may be damaged. Confirm contours and orientation of micro USB plug before inserting it.

2

Insert USB plug of USB cable into PC USB port



- ▶ Notification Lamp illuminates while charging.
- Notification Lamp goes out when charge is full.

3

Remove USB cable from handset and PC



Lithium-ion Battery

Handset requires a lithium-ion battery. Lithium-ion batteries are recyclable. To recycle a used lithium-ion battery, take it to any shop displaying the recycling symbol.

- To avoid fire or electric shock, do not short-circuit or disassemble Battery.



Charging Cautions

Handling Cables

Do not pull, bend, or twist cable.

USB Charging Caution

Handset may power on automatically when connected to a PC with USB cable; avoid connection aboard aircraft or in hospitals, etc. where handset use is prohibited.

Battery Care

To help maintain performance and life of Internal Battery, do not store in the following conditions.

- Full (immediately after charging is complete)
- Exhausted (too low to power on handset)

Periods of Disuse

Charge at least once every 6 months; if left uncharged, handset may become unusable or files/settings may be affected.

Bulges of Internal Battery

Depending on usage, bulges may appear near end of battery life; this does not affect safety.

Internal Battery Replacement

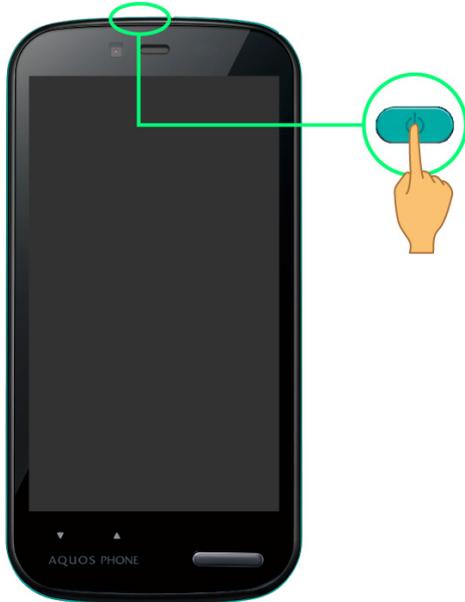
Internal Battery is a consumable item; may need to be replaced if operating time shortens noticeably. Internal Battery is not user replaceable; its replacement incurs fees and requires handset submission. For details, contact [WILLCOM Service Center](#) or [Sharp Corporation Mobile Telecommunication Services Business Promotion Center](#).

Power On/Off

Power On

1

(Long Press)



- After Power On Graphics, Welcome sheet (lock screen) appears.
- If Welcome sheet (lock screen) usage guide appears, follow onscreen prompts. (Tap **Try it** to proceed to **2**.)

2

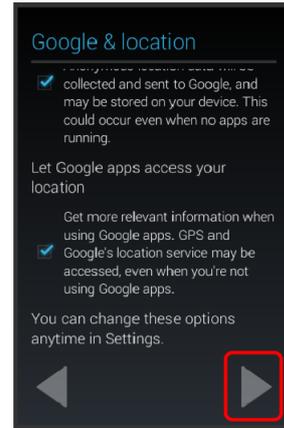
Drag to the bottom of Display



- Google™ & location window opens.
- If confirmation appears, follow onscreen prompts.
- Google & location window may open even when handset is not used.

3

Set Google's location service options



- Initial setup menu opens.
- Scroll to bottom or Tap for .
- If 3-Line Home usage guide appears, follow onscreen prompts.

Power Off

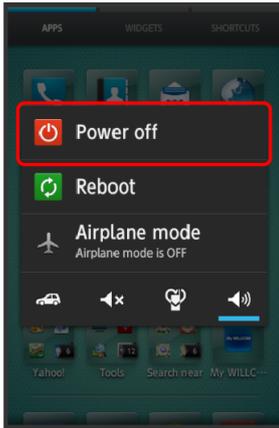
1

(Long Press)



2

Power off



3

OK

Handset shuts down.

Touchscreen Operations

Touch Display to select menu items, open functions, scroll pages, etc.

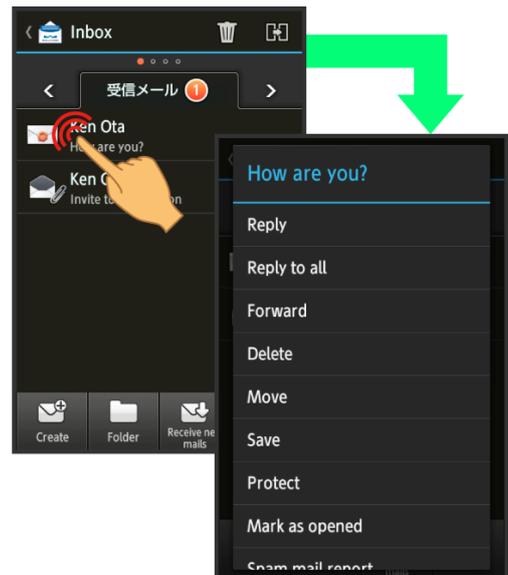
Tap

Tap item or key to open or execute corresponding function/operation.



Touch & Hold

Touch item for 1+ seconds (handset vibrates) to move icon, open menu, etc.



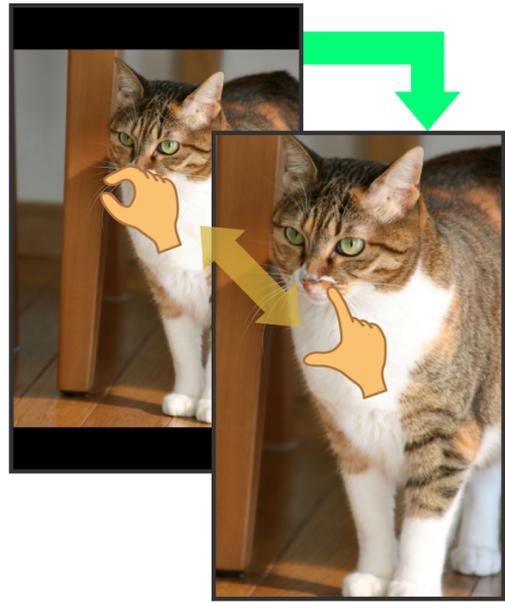
Drag

Drag item to move it.



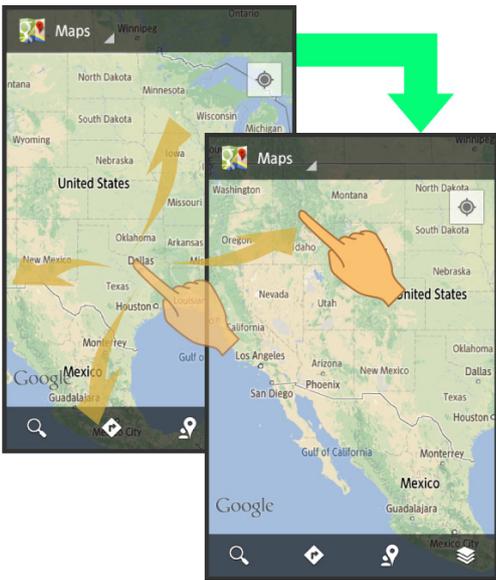
Pinch/Spread

Pinch or Spread to zoom in or out on images, maps, etc.



Flick

Flick to toggle sheets, pages, etc.



2. Basic Operations

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Applications.....	2-5
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Basic Operations

Home (3-Line Home)

3-Line Home consists of application sheet, widget sheet and shortcut sheet. Most operations start here. See "[3-Line Home Basics](#)" for details.



- Flick left/right to toggle sheets.
- To return to 3-Line Home, Tap on Navigation Bar (Display bottom).

Handset Navigation

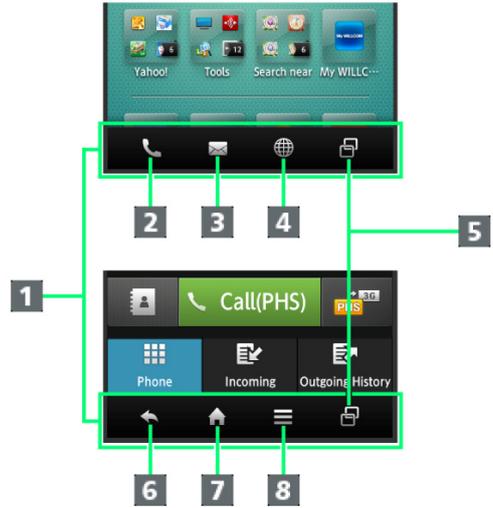
Tap item, icon, key, etc. to open menu/window or execute corresponding function/operation.

- To return to the previous screen, Tap .



Navigation Bar

In 3-Line Home and application window, Tap icons on Navigation Bar (Display bottom) for the following functions/operations.



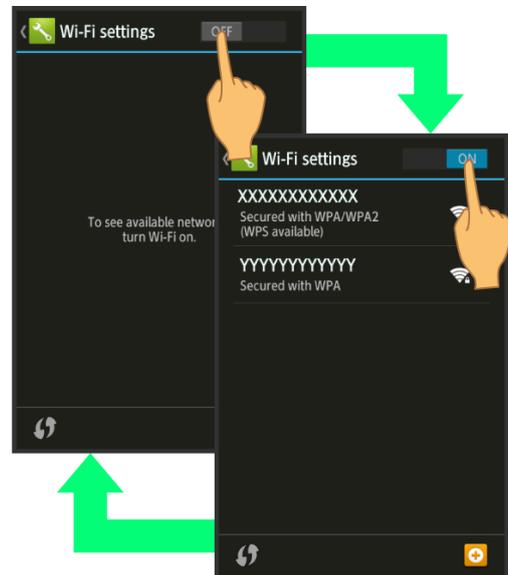
- 1 Navigation Bar
- 2 Activate Phone.
- 3 Activate Mail.
- 4 Activate Browser.
- 5 Open recent applications window.
- 6 Return to the previous screen.¹
- 7 Return to 3-Line Home.
- 8 Open Options menu.

1 appears in a text entry window. Tap to close keyboard.

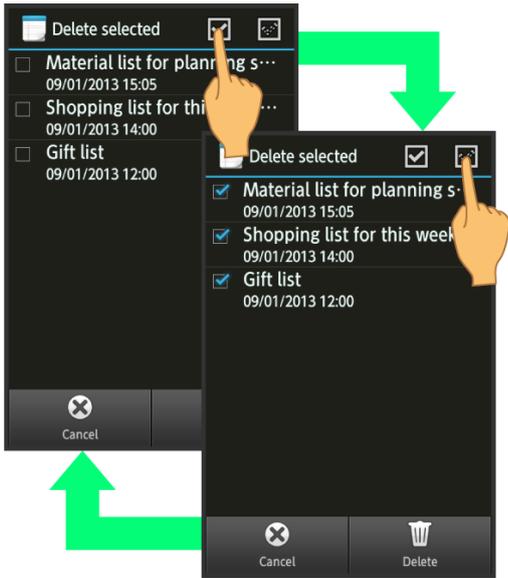
Action Bar

Current menu/window title appears on Action Bar (Display top). On the right side of Action Bar, icons for functions frequently used in that menu/window appear.

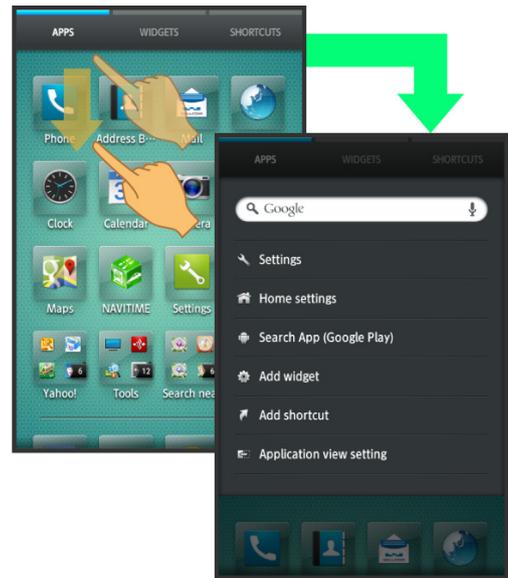
- When **ON** or **OFF** is on Action Bar, Tap to turn corresponding setting off or on.



- When (check all) and (uncheck all) are on Action Bar, Tap to select or cancel all items at once.

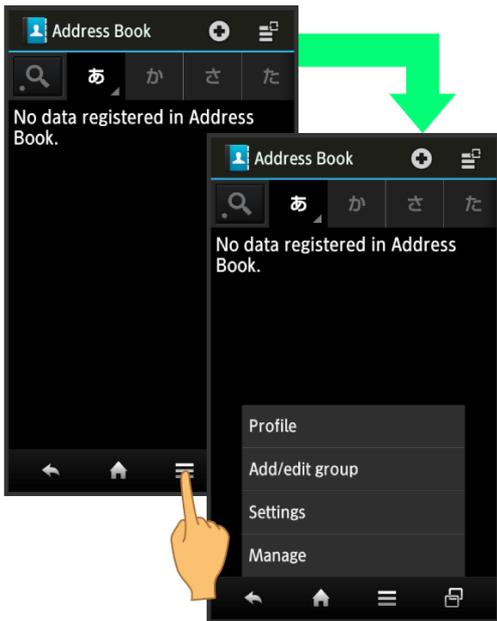


- In some windows, Drag down or Touch & Hold for menu.



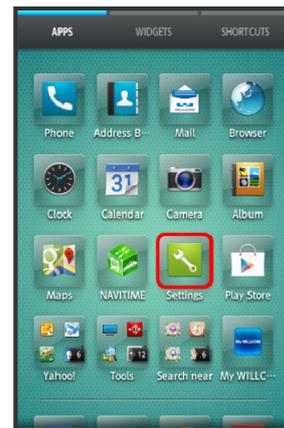
Menu Operations

Tap on Navigation Bar to open Options menu.

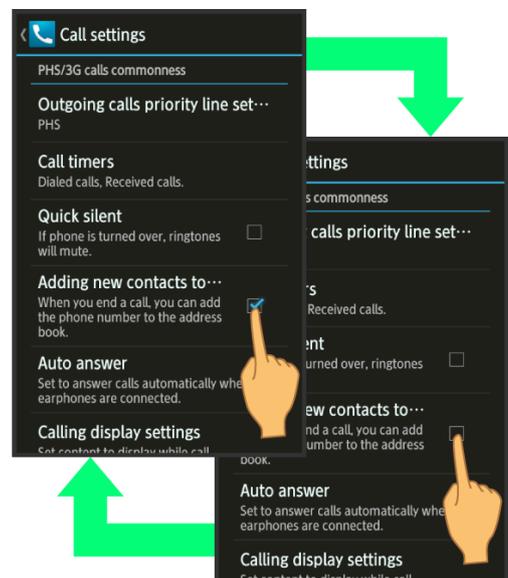


Handset Settings

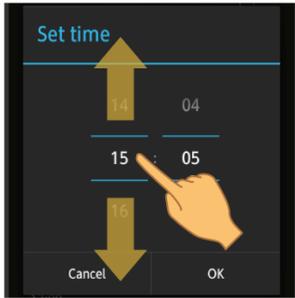
In application sheet, Tap (Settings) to customize settings.



- Checkbox (or) appears beside some options. Tap to enable () or disable () option.



- Drag/Flick slider, spinner, etc. to adjust some settings. If available, Tap or for additional settings.



Handset & Display Orientation

Rotate handset 90 degrees; Display orientation changes accordingly.

- Landscape orientation may be unavailable in some windows.

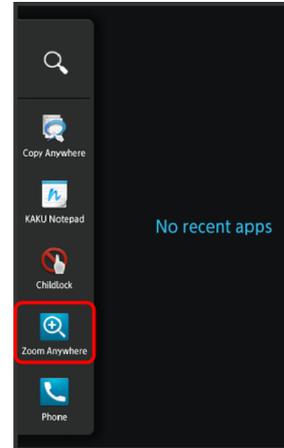


Zooming In (Zoom Anywhere)

Zoom in on any portion of Display. Magnified keys, icons, etc. can be Tapped like normal ones.

1

(Zoom Anywhere)



Magnifying glass appears.

2

Drag magnifying glass to target position



Portion underneath is magnified.

- To exit, Tap (Zoom Anywhere).

Capturing Screenshots

Long Press and at the same time.

- Open captured screenshots from **Photo** in Contents Manager or other locations.

Activating Application by Dragging from Navigation Bar

Drag from Navigation Bar to activate corresponding application. Touch Navigation Bar then Drag up Drag to (icon will be highlighted) then release finger Tap application such as (Google) Always or Just once

Applications

Activating Applications

1

In application sheet, Tap application



▶ Application activates.

- If confirmation appears, follow onscreen prompts.

Exiting Applications

In any application, Tap on Navigation Bar repeatedly until 3-Line Home returns. (Some applications may remain active.)

Obtaining Applications

Obtain applications from (Play Store).

Handset Phone Number

My Phone Number

1

In application sheet, (Settings) Profile

▶ Profile opens.

- Handset phone number appears in both Own phone number fields (PHS and 3G).

Manner Mode & Airplane Mode

Manner Mode

Mute ringtones and other handset sounds to avoid disturbing others around you.

- Camera shutter sound, video recording tones, music, video/game sounds, etc. still play even in Manner mode.

1

In Welcome sheet (lock screen) or 3-Line Home, Touch & Hold

 Manner mode activates.

- To cancel, Touch & Hold  in Welcome sheet (lock screen) or 3-Line Home.

Airplane Mode

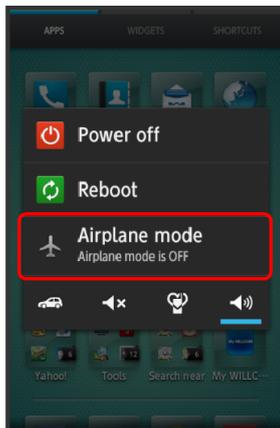
Leaving power on, suspend signal-transmitting functions.

1

 (Long Press)

2

Airplane mode



 Airplane mode activates.

- To cancel, Long Press , then Tap **Airplane mode**.

Selecting Manner Mode Option

 (Long Press)  Tap icon (e.g., )

Airplane Mode Caution

Activating **Airplane mode** disables Wi-Fi and Bluetooth®, interrupting corresponding transmissions.

Wi-Fi/Bluetooth® connections can be used even in Airplane mode by enabling Wi-Fi/Bluetooth® after activating **Airplane mode**; make sure that such connection/transmission is allowed in your current location before use.

Text Entry

Keyboards

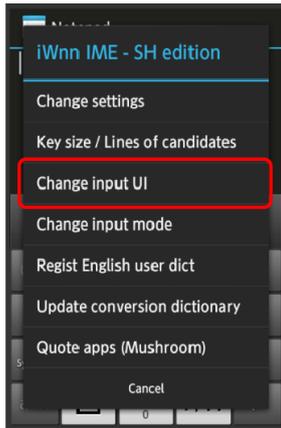
Use onscreen keyboards for text entry. In 12-key Keyboard, multiple characters are assigned to each key. In QWERTY Keyboard, a single letter is assigned to each key.

- Tap a text entry field for keyboard. To hide it, Tap  on Navigation Bar.
- Text entry descriptions are for iWnn IME - SH edition. Before reading on, switch input method from Android keyboard (selected when interface language is set to English) to iWnn IME - SH edition as follows.
In a text entry window, Drag Status Bar down  Choose input method  Japanese

Switching Keyboards

1

In a text entry window,   Change input UI



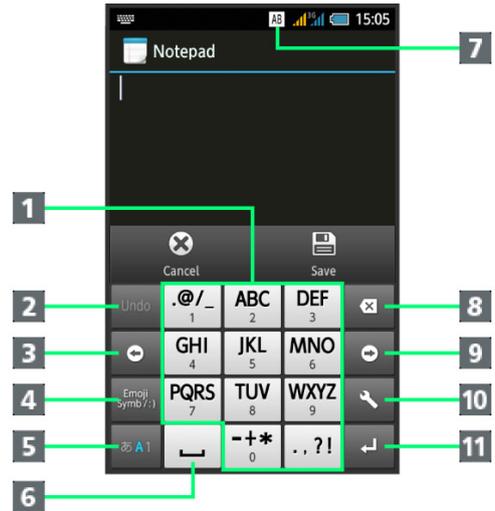
- When How to Change Input UI window opens after Tapping , Tap **CLOSE**. To disable it thereafter, select **Don't show again.** beforehand.

2

Set QWERTY keyboard or Set 12 keyboard

 Keyboard is switched.

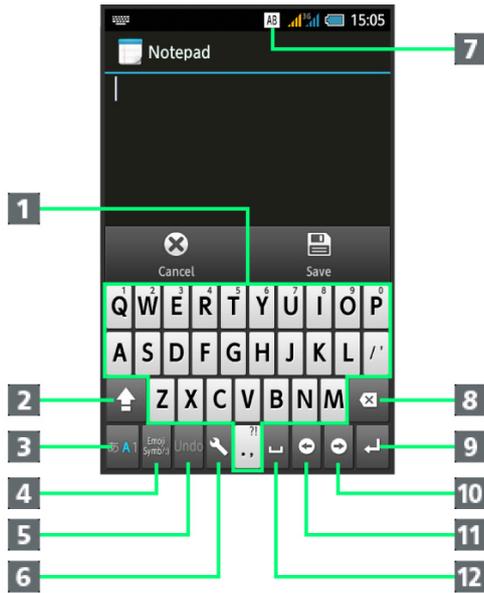
12-Key Keyboard Layout



- 1 Enter characters.
- 2 Undo conversion; reverse-toggle character options before confirming entry.
- 3 Backspace cursor.
- 4 Enter pictograms¹, symbols, or emoticons; switch conversion options.
- 5 Toggle entry modes.
- 6 Enter space; toggle case; add " or ° for hiragana.
- 7 Current entry mode
- 8 Delete characters.
- 9 Advance cursor; add space at text end; specify character count for conversion before confirming entry.
- 10 Open text entry options; enter space; convert hiragana.
- 11 Insert line break; confirm current characters.

1 My Emoji pictograms are available for MMS message text.

QWERTY Keyboard Layout



- 1 Enter characters.
- 2 Toggle case.
- 3 Toggle entry modes.
- 4 Enter pictograms¹, symbols, or emoticons.
- 5 Undo conversion.
- 6 Open text entry options.
- 7 Current entry mode
- 8 Delete characters.
- 9 Insert line break; confirm current characters.
- 10 Advance cursor; add space at text end; specify character count for conversion before confirming entry.
- 11 Backspace cursor.
- 12 Enter space; convert hiragana.

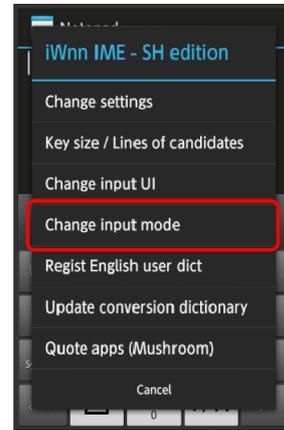
1 My Emoji pictograms are available for MMS message text.

Switching Entry Modes

Tap **AB** to toggle Half Numeric, Kanji, and Half Alphabet modes. Alternatively, Flick **AB** left/right to toggle these modes. To use other entry modes, follow these steps.

1

In a text entry window, Tap **Change input mode**



When How to Change Input UI window opens after Tapping **Change input mode**, Tap **CLOSE**. To disable it thereafter, select **Don't show again** beforehand.

2

Tap mode



Keyboard interface changes accordingly. Current entry mode indicator--**AB**(Half Alphabet),**あ**(Kanji),**カ**(Full Katakana), etc.--appears.

Entering Letters

In 12-key Keyboard, enter Keitai in Half Alphabet as follows.

1

Check Half Alphabet mode is selected (**AB** on Status Bar)

2

JKL (twice: K) → DEF (twice: e) → GHI (three times: i) → TUV
 (once: t) → ABC (once: a) → GHI (three times: i)

- The first letter is capitalized automatically by default. (Cancel auto capitalization as needed.)

3

OK (Confirm)

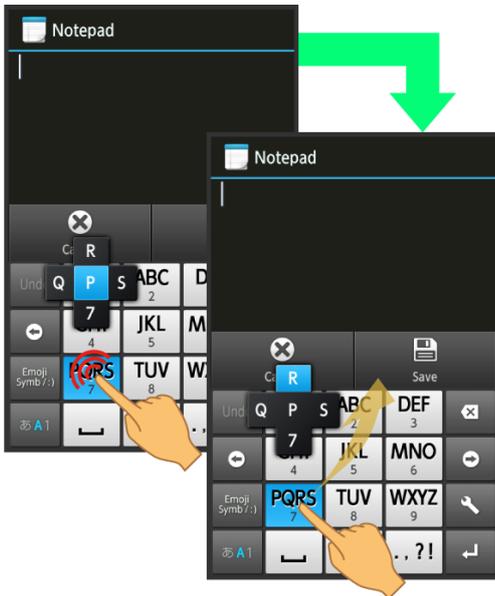
Keitai is entered.

- To toggle case, type a letter and Tap **Aa**.

Flick Input

In 12-key Keyboard, Flick key for target character (instead of Tapping it repeatedly).

- Touch & Hold a key for guide; Flick toward target character to enter.



Target Character	Operation
P	Tap PQRS once.
Q	Touch PQRS and Flick left.
R	Touch PQRS and Flick up.
S	Touch PQRS and Flick right.
7	Touch PQRS and Flick down.

- To enable/disable key preview and Flick input guide, in a text entry window, Tap **Change settings** → **Display / Layout** → **Key input guide**.

Google Accounts

Create a Google Account to use Google services. A Google Account is required to fully use some services and applications/functions.

Creating a Google Account

1

In application sheet, **(Settings)** → **Add account**

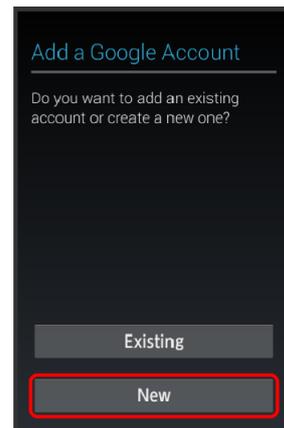
2

Google

Add a Google Account appears.

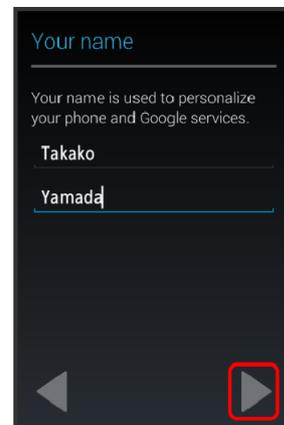
3

New



4

Enter first name **Next** → Enter last name **Next**



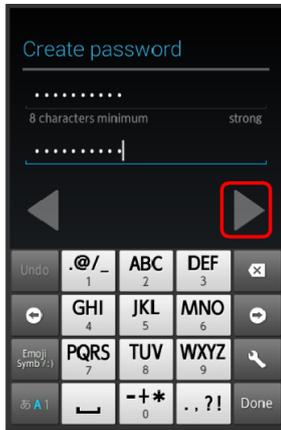
5

Enter mail address ➔▶

- If confirmation appears, follow onscreen prompts.

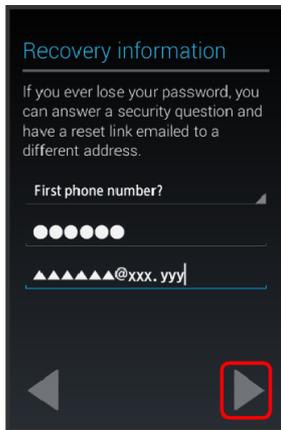
6

Enter password ➔▶ **Next** ➔▶ Re-enter password ➔▶



7

Tap **Choose a security question field** ➔▶ Tap **question** ➔▶ Tap **Answer field** ➔▶ Enter answer ➔▶ **Next** ➔▶ Enter mail address ➔▶



8

Not now ➔▶

- To join Google+™, Tap **Join Google+** ➔▶▼ ➔▶. Follow onscreen prompts.

9

Tap entry field ➔▶ Enter shown characters (distorted) ➔▶



- If shown characters are unreadable, enter a character then Tap ➔▶; other distorted characters appear.

10

Not now ➔▶

- ▶ A Google Account is added. (You are signed in to that account.)
- If confirmation appears, follow onscreen prompts.
- Even if **Keep this phone backed up with my Google Account** is selected, this backup function cannot be used.

Signing in to a Google Account

If you activate an application that requires a Google Account when you are not signed in to a Google Account, Add a Google Account appears. Sign in to use the application.

1

In Add a Google Account, **Existing**

2

Enter mail address ➔▶ **Next** ➔▶ Enter password ➔▶

3

Follow onscreen prompts

- ▶ You are signed in to that Google Account.

⚠ Google Account Caution

Do not forget your Google Account ID and password.

Google Play™

Download applications via Google Play. Downloaded applications can be updated manually or automatically. Sign in to a Google Account beforehand.

Installing Free Applications

1

In application sheet, (Play Store)

Google Play opens.

- If confirmation appears, follow onscreen prompts.

2

Tap free application **INSTALL** **ACCEPT**

Application downloads and installs.

Purchasing Applications

1

In application sheet, (Play Store)

Google Play opens.

- If confirmation appears, follow onscreen prompts.

2

Tap paid application Tap price Follow onscreen prompts

Application downloads and installs.

Updating Installed Applications

1

In application sheet, (Play Store)

Google Play opens.

- If confirmation appears, follow onscreen prompts.

2

My apps Tap application **UPDATE**

Follow onscreen prompts

Application downloads and installs.

- If confirmation appears, follow onscreen prompts.



Purchased Applications

Payment

Pay once. Re-downloads of uninstalled applications are free of charge.

Use on Other Android Devices

Install same application on other Android devices under same Google Account at no added cost.



Application Operations

Refund Requests

Request refunds within designated period. Returned applications are deleted from handset; no payment is required. (One refund request per application.)

In Google Play, **My apps** Tap application **REFUND**

- For details, Tap **Help** in Google Play, then refer to Google Play Help.

Enabling Automatic Updates

In Google Play, **My apps** Tap application

Auto-update appears

- Automatic update is not available for some applications.



Google Play Cautions

Application Installation Disclaimer

Download and install applications on this handset via Google Play (developed by Google Inc.) at your own risk. Sharp Corporation and WILLCOM, Inc. are not responsible for user installed application content (quality, reliability, legality, appropriateness, accuracy, etc.) or malfunctions installed applications may cause (due to viruses, etc.).

Application Purchase Disclaimer

Purchase applications via Google Play at your own risk. Sharp Corporation and WILLCOM, Inc. are not responsible for transactions between users and third party publishers.

Google Play Automatic Updates

Operations are subject to change due to automatic application updates.

Security Code

Operation Password

Operation Password is required for handset use.

- Do not reveal Operation Password. Sharp Corporation and WILLCOM, Inc. are not liable for misuse or damages.

Setting Operation Password

Set Operation Password (unset by default) to use or change some functions. Do not forget Operation Password; write it down if necessary.

1

In application sheet, **(Settings) → Other settings → Lock & Security**

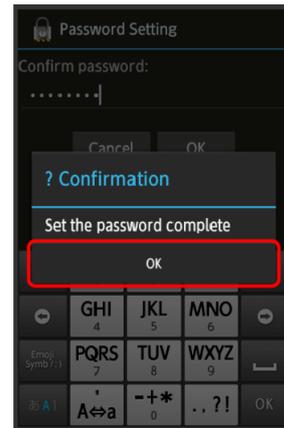
2

Operation password setting → OK → Enter Operation Password → OK



3

Re-enter Operation Password → OK → OK



Operation Password is set.

- To change Operation Password, refer to the steps above. (In **2**, enter current Operation Password to proceed.)

USIM PIN

9999 by default; enable USIM card lock to restrict handset use.

Enabling USIM Card Lock

1

In application sheet, (Settings) Other settings Lock & Security

2

USIM card lock settings Lock USIM card Enter PIN OK (checkbox appears)

USIM card lock is enabled.

Changing USIM PIN

Lock USIM Card first. See "[Enabling USIM Card Lock](#)" for details.

1

In application sheet, (Settings) Other settings Lock & Security

2

USIM card lock settings Change USIM PIN Enter current PIN OK Enter new PIN OK Re-enter new PIN OK

PIN is changed.

PIN Caution

Entering incorrect PIN three consecutive times activates PIN Lock. To cancel, Personal Unblocking Key (PUK) is required; contact [WILLCOM Service Center](#). Entering incorrect PUK ten consecutive times activates PUK Lock, disabling handset. For recovery, USIM Card must be reissued at a WILLCOM Plaza/WILLCOM Counter (fees apply).

Screen Lock

After a period of inactivity, Display goes completely dark to save battery power (Screen lock active). Screen lock prevents accidental Touchscreen operation.

Activating Screen Lock Manually

1

When Display is active,

Display goes completely dark and Screen lock activates.

Canceling Screen Lock

Press or (Quick Start Key) to open Welcome sheet (lock screen).

1

In Welcome sheet (lock screen), Drag down



Screen lock is canceled.

- When Screen lock option other than Slide or None is selected, follow onscreen prompts to cancel Screen lock.
- If confirmation appears, follow onscreen prompts.

Software Updates

Updating Software

At specified time, handset automatically checks for/downloads firmware updates as required. To update firmware manually, follow these steps.

- Software Update cannot be performed via PHS data transmission.

1

In application sheet,  (Settings)  Device info

2

Software update

 Software update menu opens.

3

Software update  Execute  Follow onscreen prompts

 Software Update starts.

Before Software Update

Saved files and data may be lost depending on handset status. Back up important files and data before updating software. We are not liable for any damages from lost information.

Software Update Operations

Enabling/Disabling Automatic Updates

In Software update menu, Auto update settings  Do not update automatically or Update automatically

Changing Automatic Update Start Time

In Software update menu, Update time settings  Set time  Set

- Available when Auto update settings is Update automatically.

Software Update Cautions

During Update

Handset cannot be used until Software Update completes; it may take some time to complete.

Signal Conditions

Check signal strength and battery charge beforehand. Poor signal strength or low battery charge may disrupt updates leading to update failure. Update failure may disable handset.

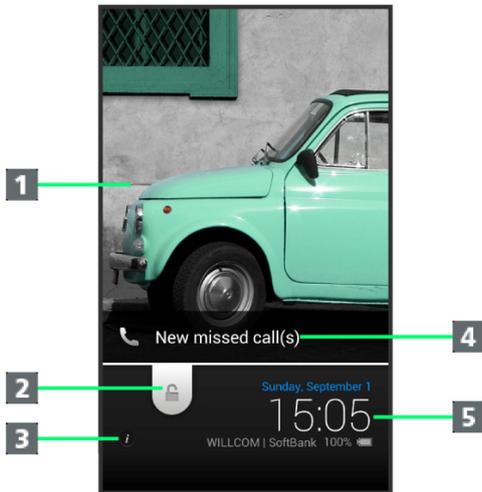
3. Handset Interface

Welcome Sheet (Lock Screen) Basics.....	3-2
3-Line Home Basics.....	3-3
Status Bar.....	3-4
Notifications Window.....	3-6
Using Recent Applications.....	3-7
Customizing 3-Line Home	3-8

Welcome Sheet (Lock Screen) Basics

Welcome sheet (lock screen) appears at power on or when  or  (Quick Start Key) is Pressed while Display is completely dark (Screen lock active). From Welcome sheet (lock screen), cancel Screen lock, activate an application such as Phone or Mail, etc.

Welcome Sheet (Lock Screen) Layout



- 1 Wallpaper
- 2 Drag down to cancel Screen lock; Tap  for applications, settings, etc.
- 3 Tap  to show owner information.¹
- 4 Notifications of missed calls and new messages appear here.
- 5 Date and time, weather, etc.

1 Set owner information beforehand. See "[Lock & Security Settings](#)" for details.

Activating Applications

Activate applications from Welcome sheet (lock screen) as follows.

- Change assigned applications as needed.

1

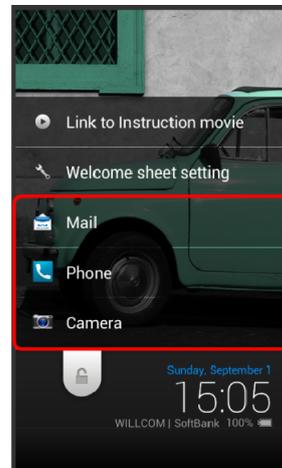
In Welcome sheet (lock screen), Tap 



 Menu opens.

2

Tap application



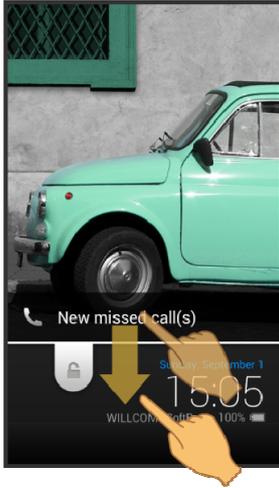
 Application activates.

- Tap [Link to Instruction movie](#) for Welcome sheet introductory video (Japanese).
- Tap [Welcome sheet setting](#) to open menu for customizing Welcome sheet (lock screen). Alternatively, Tap  (Settings) in application sheet  [Wallpaper & display](#)  [Welcome Sheet\(lock screen\)](#). See "[Wallpaper & Display Settings](#)" for details.

Missed Call & New Message Notifications

Notifications--New missed call(s) and New mail(s)--appear in Welcome sheet (lock screen).

Drag notification down to open it.



3-Line Home Basics

3-Line Home consists of application sheet, widget sheet and shortcut sheet. Most operations start here.

Access applications and widgets, save frequently used applications to shortcut sheet, change handset settings, etc.

Toggling Sheets

Flick left/right to toggle sheets.



Application Sheet Layout



- 1 Toggle sheets.
- 2 Activate applications. (Flick up for hidden applications; Flick down for menu.)

Widget Sheet Layout



- 1 Toggle sheets.
- 2 Use widgets. (Flick up for hidden widgets; Flick down for menu.)

Shortcut Sheet Layout



- 1 Toggle sheets.
- 2 Activate applications. (Flick up for hidden shortcuts; Flick down for menu.)

Status Bar

Indicators (new message notification, handset status, etc.) appear at the top of Display.



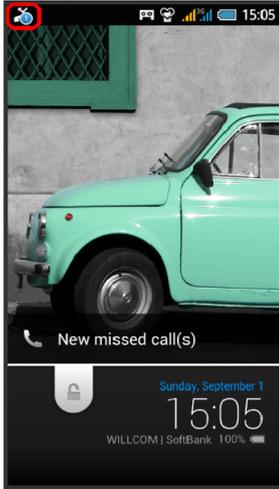
Status Bar Layout



- 1 Notifications and warnings appear here. (Notification Indicators)
- 2 Handset status appears here. (Status Indicators)

Main Notification Indicators

Notification Indicators appear on the left side of Status Bar.

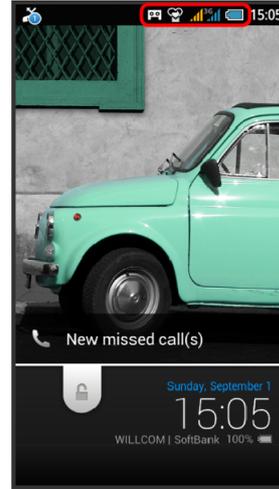


Indicator	Description
	Urgent News
	Call Arriving/in Progress
	Call on Hold
	Missed Call ¹
	New Answer Phone Message ¹
	New SMS/MMS
	New Internet Mail
	New Gmail
	Snoozing/Unchecked Alarm
	Event in Calendar
	Energy Saving (Waza. Mode) Active
	Energy Saving (Emerg. Mode) Active
	Viewing One Seg
	Application Installation Complete/Update Available
	Text Entry Window (Choose Input Method)
	Positioning (GPS)
	Data Downloading
	SD Card Unmounted
	Reading SD Card
	Connected in Card Reader Mode
	Screenshot Captured
	More Notifications

¹ Count appears on indicator.

Main Status Indicators

Status Indicators appear on the right side of Status Bar.



Indicator	Description
	Battery Strength
	Charging
	Signal Strength (PHS)
	Signal Strength (3G)
	No Signal (PHS/3G)
	3G Data Transmission Preferred (Appears at upper left of signal strength indicator.)
	PHS Data Transmission Preferred (Appears at upper left of signal strength indicator.)
	Roaming (Appears at upper left of signal strength indicator.)
	Airplane Mode
	Wi-Fi Connected
	Bluetooth [®] On
	Bluetooth [®] Connected
	Standard Manner Mode
	Drive Manner Mode
	Silent Manner Mode
	Split Billing Available
	Mic Muted
	Speakerphone On
	Answer Phone Set
	Answer Phone Set (Message Recorded)
	Alarm Set
	Osaifu-Keitai [®] Locked
	Kanji Mode
	Half Alphabet Mode
	Half Numeric Mode
	Half Katakana Mode
	Full Alphabet Mode
	Full Numeric Mode
	Full Katakana Mode
	Character Code Mode

Notifications Window

Open notifications, check handset status or change various settings.

Opening Notifications Window

1

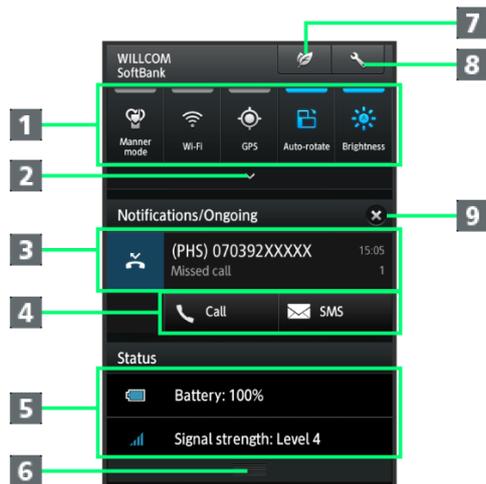
Drag Status Bar down



Notifications Window opens.

To close Notifications Window, Tap

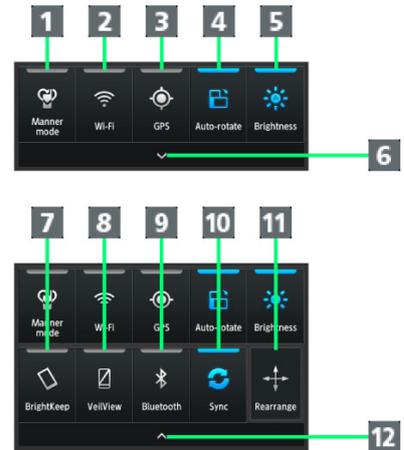
Notifications Window Layout



- 1 Setting Keys
- 2 Show second line of Setting Keys.
- 3 Notifications and active functions
- 4 Use corresponding functions.
- 5 Handset status¹
- 6 Flick up to close Notifications Window.
- 7 Open Energy save window.
- 8 Open Settings. Long Press for temporary access to hidden data.
- 9 Delete all notifications and close Notifications Window.

1 Tap for corresponding settings.

Setting Keys



- 1 Set Manner mode option.
- 2 Toggle Wi-Fi on/off.
- 3 Enable/disable GPS positioning.
- 4 Enable/disable Auto-rotate screen.
- 5 Set Display brightness.
- 6 Show second line of Setting Keys.
- 7 Set Bright Keep.
- 8 Enable/disable VeilView.
- 9 Toggle Bluetooth[®] on/off.
- 10 Enable/disable account sync.
- 11 Open window for rearranging Setting Keys.
- 12 Hide second line of Setting Keys.

Notifications Window Operations

Deleting Notifications

In Notifications Window, Flick notification left/right

- Some notifications may not be deleted.

Rearranging Setting Keys

In Notifications Window, **Rearrange** Drag icon to target location (done) on Action Bar

- Icons cannot be moved to the area where **Rearrange** appears in Notifications Window.

Using Recent Applications

Activate recently used applications, applications that support the assist function and assigned applications, all from a single window.

Opening Recent Applications

1



Recent applications window opens.

Recent Applications Window Layout



- 1 Activate application that supports the assist function.
- 2 Quick toolbox EX (shortcuts to applications)
- 3 Delete all history items for recently used applications.
- 4 Activate recently used application.
- 5 Indicates corresponding application is running in the background.

+ Recent Applications Operations

Deleting Single Usage History Item

→ Flick item left/right

- Corresponding application exits if running.

Changing Shortcuts in Quick toolbox EX

→ Touch & Hold shortcut in Quick toolbox EX → →

Select Application or Shortcut → Tap item (then select option)

Resetting Shortcuts in Quick toolbox EX

→ Touch & Hold shortcut in Quick toolbox EX → → To

default → Yes

Deleting Shortcuts in Quick toolbox EX

→ Touch & Hold shortcut in Quick toolbox EX → →

Peel off → Yes

Customizing 3-Line Home

Set theme and Wallpaper, move icons/widgets or add shortcuts/widgets to corresponding sheets.

Setting Theme & Wallpaper

1

In 3-Line Home, Drag down

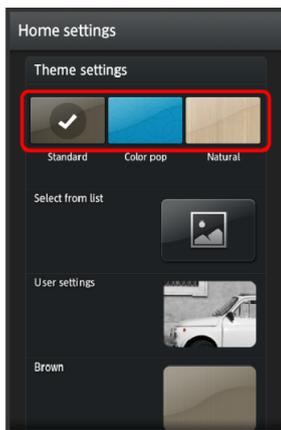
▶ Menu opens.

2

Home settings

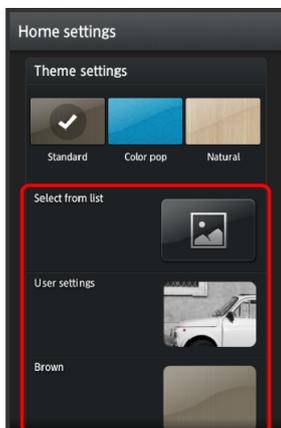
3

Tap theme (Standard, Color pop or Natural)



4

Select image, color, pattern, etc. by Tapping **Select from list**, **User settings**, **Brown**, etc.



- To select from images, Tap **Select from list** or **From list**. Follow onscreen prompts.
- Tap **User settings** to use image set in **Wallpaper** under **Wallpaper & display**.

5



▶ Theme and Wallpaper are set.

Moving Icons/Widgets

1

In 3-Line Home, Touch & Hold icon/widget



▶ Handset vibrates; icon/widget is movable.

2

Drag to target location

▶ Release to place icon/widget.

- To move to a folder, Drag icon to it.

Adding Shortcuts

Add shortcuts to frequently used applications or functions.

1

In 3-Line Home, Drag down

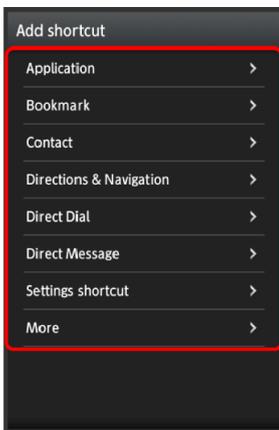
Menu opens.

2

Add shortcut

3

Tap shortcut type (e.g., **Application**)



4

Follow onscreen prompts

Shortcut is added to shortcut sheet.

Adding Widgets

Add Album, Analog clock, etc.

1

In 3-Line Home, Drag down

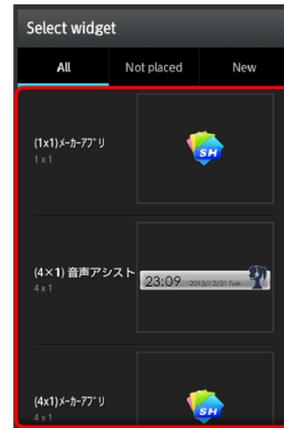
Menu opens.

2

Add widget

3

Tap widget



Widget is added.

+ Removing Widgets/Shortcuts

In widget sheet or shortcut sheet, Touch & Hold widget or shortcut → Peel off

4. Phone

Calling	4-2
Restricting Outgoing/Incoming Calls	4-4
Using PHS Optional Services.....	4-5
Address Book.....	4-7

Calling

See below to dial directly or answer calls.

Placing Calls over PHS Network

1

In 3-Line Home, Tap (Phone)



Call window opens.

- When Incoming History or Outgoing History opens, Tap **Phone**.
- When missed call window opens, Tap . If 3-Line Home returns, Tap (Phone) again.

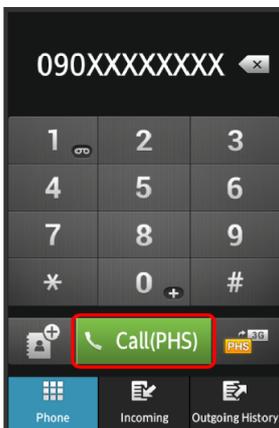
2

Use onscreen dialpad to enter phone number

- Include area code for landline phone numbers.

3

Call(PHS)



Handset dials the phone number.

- Wait for other party to accept the call.
- If **Call(3G)** is shown, Tap to switch it to **Call(PHS)**.
- While outside PHS network, confirmation appears. To use 3G network, Tap **OK** **Yes**.

4

To end the call, **End call**

Call ends.

- After calls to/from phone numbers not saved in Address Book, save to Address Book confirmation appears. Follow onscreen prompts.

Placing Calls over 3G Network

1

In 3-Line Home, Tap (Phone)

Call window opens.

- When Incoming History or Outgoing History opens, Tap **Phone**.
- When missed call window opens, Tap . If 3-Line Home returns, Tap (Phone) again.

2

Use onscreen dialpad to enter phone number

- Include area code for landline phone numbers.

3

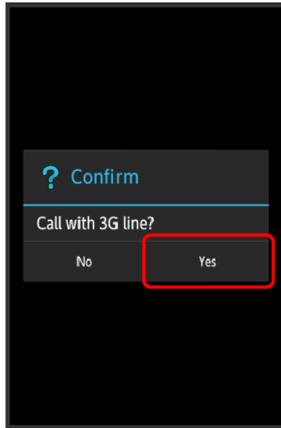


Call(PHS) changes to **Call(3G)**.

- Omit this step if **Call(3G)** is already shown.

4

Call(3G) → Yes



- ▶ Handset dials the phone number.
- Wait for other party to accept the call.

5

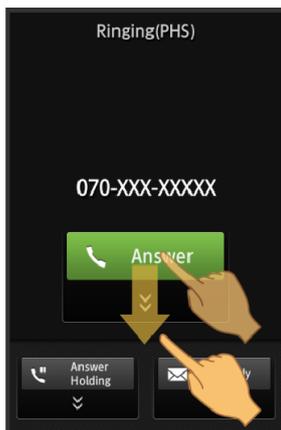
To end the call, **End call**

- ▶ Call ends.
- After calls to/from phone numbers not saved in Address Book, save to Address Book confirmation appears. Follow onscreen prompts.

Answering Calls

1

When a call arrives, Drag **Answer** down



- ▶ Call connects.
- When Screen lock is canceled, Tap **Answer**.
- For calls to handset PHS phone number, Ringing(PHS) appears at Display top; for calls to 3G phone number, Ringing(3G) appears instead.

2

To end the call, **End call**

- ▶ Call ends.
- After calls to/from phone numbers not saved in Address Book, save to Address Book confirmation appears. Follow onscreen prompts.

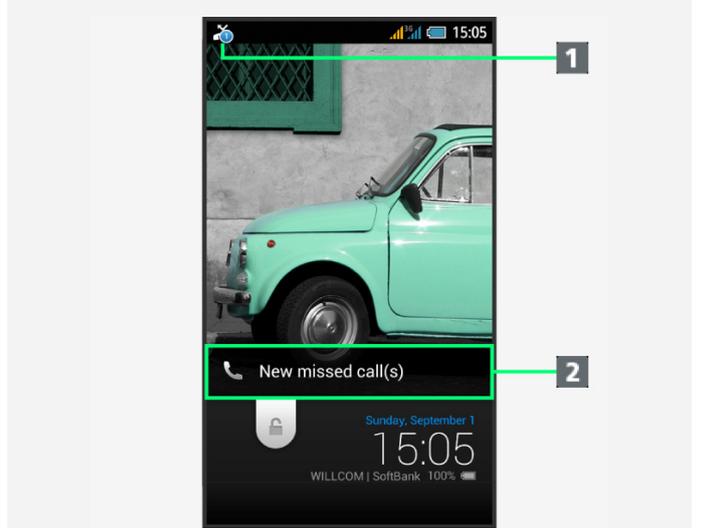
Emergency Location Report

Using handset for emergency calls (110, 119 or 118) automatically reports handset location to corresponding agency (e.g., police).

- Location Report does not incur registration/transmission fees.
- Location/signal conditions affect positioning accuracy. Always provide location and call purpose.
- Hiding Caller ID (e.g., using 184) cancels Location Report. However, corresponding agency may obtain location information in life threatening situations.
- Location Report is not sent for calls made while outside Japan.
- After placing an emergency call, Airplane mode, Reject call, Answer Phone, etc. will be disabled for a certain period of time to accept calls from corresponding agency (e.g., police). Answer Holding (call hold feature) will also be disabled.

Missed Calls

For unanswered calls,  (missed call Notification Indicator) appears on Status Bar. In Welcome sheet (lock screen), notification appears.



1 Notification Indicator

2 Notification

- Drag Status Bar down for Notifications Window, then Tap missed call notification to open Incoming History. Tap **Call** below missed call notification to call back; if the caller's phone number supports SMS, Tap **SMS** to create and send SMS.
- Drag notification down to open Incoming History.

Restricting Outgoing/Incoming Calls

Restrict outgoing calls to certain phone numbers, or reject calls.

Restricting Outgoing Calls

Allow calls to phone numbers saved in Address Book only.

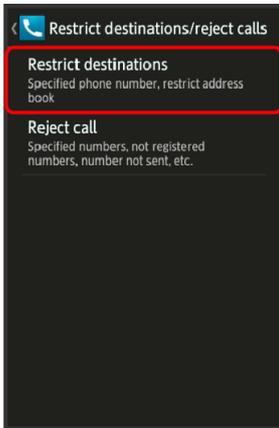
1

In application sheet, (Settings) Call

Call settings opens.

2

Restrict destinations/reject calls Restrict destinations



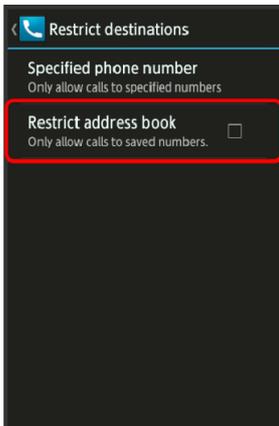
3

Enter Operation Password OK

Restrict destinations menu opens.

4

Restrict address book appears



Outgoing call restriction is set.

Rejecting Calls

Reject calls from phone numbers not saved in Address Book.

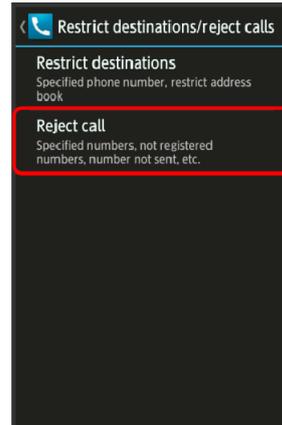
1

In application sheet, (Settings) Call

Call settings opens.

2

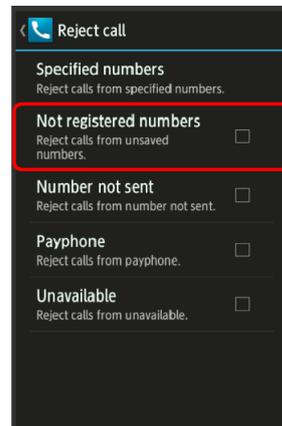
Restrict destinations/reject calls Reject call



Reject call menu opens.

3

Not registered numbers appears



Call rejection is set.

+ Restrict Destinations & Reject Call Operations

Restricting Outgoing Calls to Specified Phone Numbers

In Restrict destinations menu, **Specified phone number** →
Switch on/off (✓ appears) → **Call permitted list** →
<Empty> → **Enter phone number** → **OK**

Rejecting Calls from Specified Phone Numbers

In Reject call menu, **Specified numbers** → **Switch on/off** (✓ appears) → **Reject numbers list** → **<Empty>** → **Enter phone number** → **OK**

Rejecting Calls with No/Undisplayable Caller ID or from Payphones

In Reject call menu, **Number not sent**, **Payphone** or **Unavailable** (✓ appears)

Using PHS Optional Services

Using Voicemail

While outside PHS network or when you cannot answer calls to PHS phone number, divert calls to Voicemail Center; access messages afterward. (A separate subscription is required.)

- Not available when Call Forwarding is set.
- Message playback charges apply for playing messages.

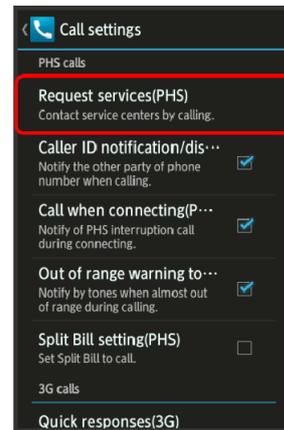
1

In application sheet, **(Settings)** → **Call**

▶ Call settings opens.

2

Request services(PHS)



▶ Request services(PHS) menu opens.

3

Call forwarding service center(143)

▶ You will be connected to the center for service settings.

- Follow voice guidance (Japanese).

Playing Voicemail Messages

Check whether messages are stored at Voicemail Center and play them.

- When a message is stored at Voicemail Center, handset receives notification after ending a call over PHS network (☎ appears on Status Bar).

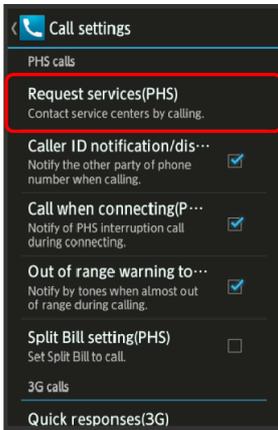
1

In application sheet,  (Settings) →  Call

 Call settings opens.

2

Request services(PHS)



 Request services(PHS) menu opens.

3

Voicemail center(*931)

 You will be connected to Voicemail Center.

- Follow voice guidance (Japanese).

Using Call Forwarding

While outside PHS network or when you cannot answer calls to PHS phone number, divert calls to a preset phone number. (No separate subscription is required.)

- You will be charged for the forwarded part of the call.
- Not available when Voicemail is set.

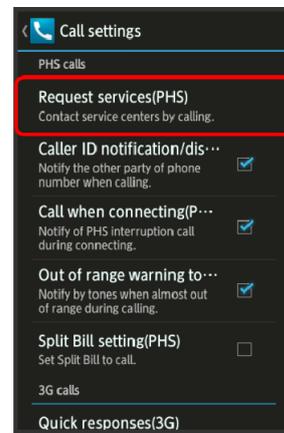
1

In application sheet,  (Settings) →  Call

 Call settings opens.

2

Request services(PHS)



 Request services(PHS) menu opens.

3

Call forwarding service center(143)

 You will be connected to the center for service settings.

- Follow voice guidance (Japanese).

Using Split Billing Service

Have two separate bills issued for calls placed from handset. Charges for calls placed using Split Billing service will be billed to preset secondary billing contact. (A separate subscription is required.)

- Split Billing service does not apply to Internet connection.

1

In 3-Line Home, (Phone)

Call window opens.

- When Incoming History or Outgoing History opens, Tap Phone.
- When missed call window opens, Tap . If 3-Line Home returns, Tap (Phone) again.

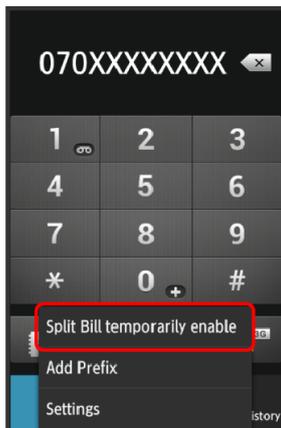
2

Use onscreen dialpad to enter phone number

- Include area code for landline phone numbers.

3

Split Bill temporarily enable



4

Call(PHS)

Handset dials the phone number.

Split Billing Service Operation

Enable setting(PHS) to use Split Billing service for calls placed to phone numbers, including those for which Split Bill is not set in Address Book.

In application sheet, (Settings) Call Split Bill setting(PHS) OK (appears)

- When is enabled, appears on Status Bar.

Address Book

Save phone numbers, mail addresses and other information (birthdays, nicknames, etc.). Set ringtones for each contact as needed.

Saving New Contacts

1

In application sheet, (Address Book)

Address Book opens.

2

(add) on Action Bar

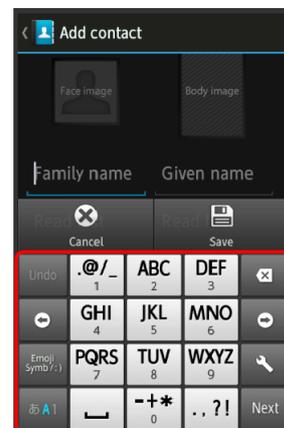


Add contact window opens.

- If confirmation appears, follow onscreen prompts.

3

Tap item Complete entry



4

Save → Yes



Contact is saved.

Dialing from Address Book

1

In application sheet, (Address Book)

Address Book opens.

2

Tap tab Tap contact



Contact opens.

3

(call over PHS network) or (call over 3G network)



Handset dials the phone number. Wait for other party to accept the call.

- To switch between (call over 3G network) and (call over PHS network), Tap or in Select call line field.
- To call over 3G network, Tap **Yes** in subsequent confirmation.

4

To end the call, **End call**

Call ends.

Address Book Caution

If handset is left uncharged, contacts may be altered/lost; handset damage may also affect information recovery. We are not liable for any resulting damages. Keep a separate copy of contacts and other important information.

5. Messaging & Browser

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Messaging

MMS

Exchange messages with PHS phones, mobile phones and e-mail compatible devices (e.g., PCs) beyond SMS character entry limit; attach media files. (Not available over PHS network.)

SMS

Exchange short messages with mobile phones using handset phone numbers as addresses. (Not available over PHS network.)

Gmail

Gmail is Google's webmail service. Handset automatically syncs with Gmail.

Internet Mail

Use Internet Mail (POP3/IMAP4/Exchange) on handset.

- Set up an Internet Mail account beforehand.
- Retrieving Internet Mail on handset syncs handset and mail server; received messages are also accessible from PCs.

Sending MMS/SMS

Wi-Fi Connection Setup

Send/receive MMS using Wi-Fi. When using Mail (MMS/SMS) for the first time, complete Wi-Fi connection setup as follows.

- To send/receive MMS using Wi-Fi, handset needs to be connected to a Wi-Fi access point. For connection procedure, see "[Using Wi-Fi.](#)"
- Descriptions for Mail (MMS/SMS) are given assuming that Wi-Fi connection setup is complete.

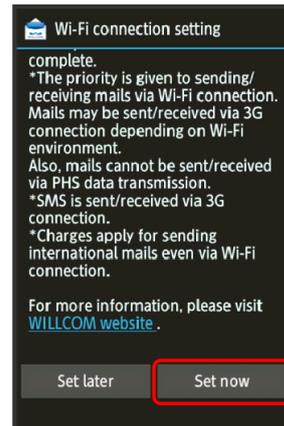
1

In 3-Line Home, (Mail)

 Wi-Fi connection setting opens.

2

Set now



 Wi-Fi connection setup starts.

- To skip setup, Tap **Set later**  **OK**. Complete Wi-Fi connection setup later as follows.

After **1**, **Settings**  **Wi-Fi connection setting**  **OK**  **OK**

3

OK

 Wi-Fi connection setup is complete.

- After Wi-Fi connection setup is complete, Wi-Fi is used for sending/receiving MMS. When Wi-Fi is not available, 3G network is used.

Sending MMS

Send MMS to a contact saved in Address Book as follows.

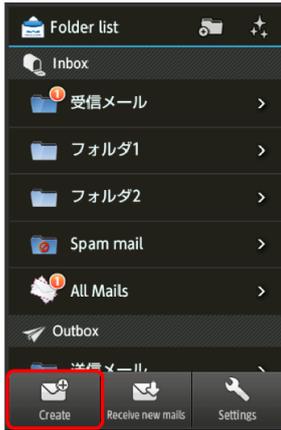
1

In 3-Line Home,  (Mail)

 Folder list appears.

2

Create



 MMS composition window opens.

3

 **Address Book**

 Address Book opens.

4

Tap recipient  **OK**

■ For multiple phone numbers/mail addresses, Tap one after Tapping recipient.

5

Tap Enter subject field  Enter subject  **Next** 
Enter text

6

 **(Send)** on Action Bar



 MMS is sent.

■ Handset saves failed MMS messages to Unsent Folder; automatically attempts redelivery up to two times.

Sending SMS

Send SMS from sent/received mail records as follows.

1

In 3-Line Home,  (Mail)

 Folder list appears.

2

Create  **SMS**



 SMS composition window opens.

3

 **Send/Receive history**

4

SEND HISTORY or **RECEIVE HISTORY**  Tap recipient

5

Enter text  (Send) on Action Bar

 SMS is sent.

- Handset saves failed SMS messages to Unsent Folder; automatically attempts redelivery up to two times.

 Saving MMS/SMS to Unsent Folder without Sending

In MMS composition window or SMS composition window,  Save

 MMS/SMS Transmission Caution

If Outbox is full, handset automatically deletes sent messages, unprotected ones first.

Opening & Replying to MMS/SMS

Handset retrieves MMS/SMS messages automatically (set manual retrieval as needed).

Opening New Messages

When message arrives, handset responds with ringtone/Vibration/Notification Lamp, and  appears on Status Bar.

- In Welcome sheet (lock screen), notification appears.
- Unread message count () appears in  (Mail) icon in application sheet.

1

Drag "New mail(s)" down



 Message window opens.

- For multiple new messages, message list (Inbox) opens; select one.

Replying to Messages

1

In 3-Line Home, (Mail)

Folder list appears.

2

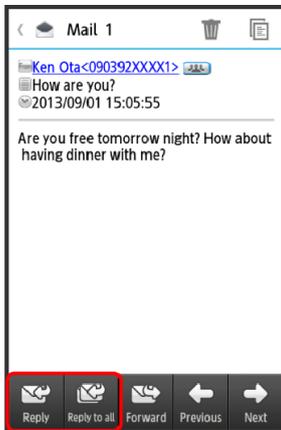
Tap folder in Inbox Tap message



Message window opens.

3

Reply or Reply to all



Reply to all appears for messages addressed to multiple recipients.

4

Enter text (Send) on Action Bar

Message is sent.

Retrieving Complete Messages

In message window, Continue to receive

Tap to select item to retrieve.

Message Retrieval Cautions

Retrieval System

By default, complete message including attachments is retrieved; transmission fees may apply depending on subscribed price plan.

Automatic Message Deletion

If Inbox is full, handset automatically deletes oldest received messages, opened/unprotected ones first. If all messages are unopened, handset automatically deletes oldest unprotected ones first.

Retrieval Outside Japan

Message retrieval outside Japan may incur high charges.

Opening Received MMS/SMS

Opening Messages

Open received messages as follows.

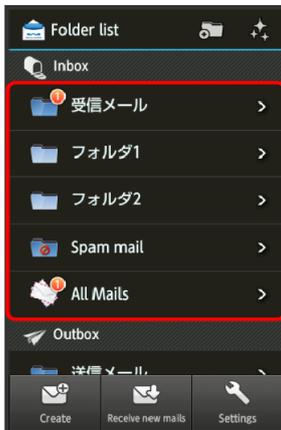
1

In 3-Line Home,  (Mail)

 Folder list appears.

2

Tap folder in Inbox



 Message list appears.

■ Flick left/right for message lists in other folders.

3

Tap message



 Message window opens.

■ Flick left/right to open other messages.

Creating/Sending Gmail

Use Google's webmail service. Sign in to a Google Account beforehand.

Creating/Sending Gmail

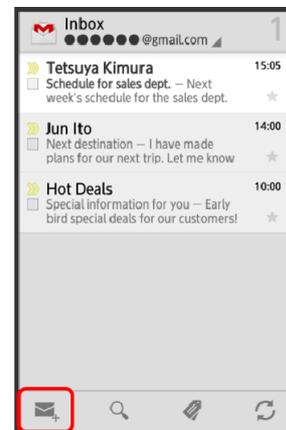
1

In application sheet,  (Gmail)

 Inbox opens.

■ If confirmation appears, follow onscreen prompts.

2



 Mail composition window opens.

3

Enter recipient, subject and text   on Action Bar



 Message is sent.

+ Gmail Composition Operations

Adding Cc/Bcc Recipients

In Mail composition window, **Add Cc/Bcc** **Add recipient**

Attaching Images/Videos

In Mail composition window, **Attach picture** or **Attach video** **Select application** **Select file**

■ If confirmation appears, follow onscreen prompts.

Saving without Sending

While creating message, **Save draft**

■ Message is saved to Drafts.

Discarding Current Messages

While creating message, **Discard** **OK**

! Gmail Caution

Gmail messages are not received if recipient device is set to reject messages sent from PCs.

Opening Received Gmail

Gmail groups all related messages by subject. (Conversation View)

Opening New Gmail

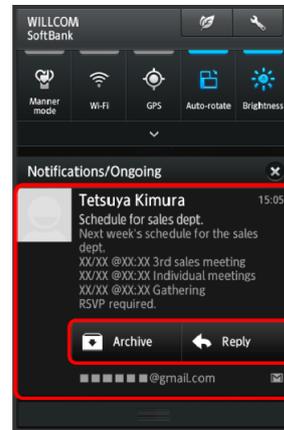
When Gmail message arrives, handset responds with ringtone and Vibration, and appears on Status Bar.

1

Drag Status Bar down for Notifications Window

2

Tap message notification



Message window opens.

■ For two or more new messages with different subjects, Inbox opens; select one.

Opening Gmail

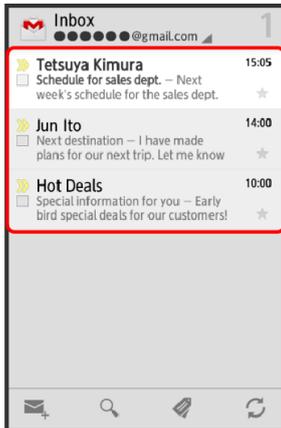
1

In application sheet,  (Gmail)

 Inbox opens.

2

Tap conversation (subject)



 Message window opens.

 **Replying to Messages**

In message window,   Complete message  on Action Bar

Using Internet Mail

Setting up Accounts

Check usernames (user IDs), passwords, server names, etc. of your Internet Mail accounts beforehand.

1

In application sheet,  (Email)

 Account setup menu opens.

■ When an account has been set up, Inbox opens.

2

Follow onscreen prompts to set up account

 Internet Mail setup is complete.

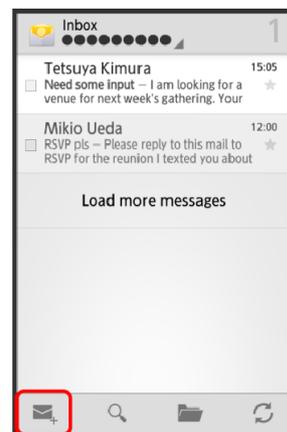
Creating/Sending Internet Mail

1

In application sheet,  (Email)

 Inbox opens.

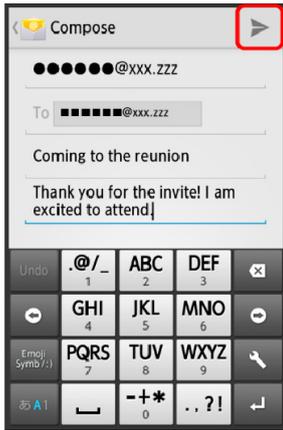
2



 Mail composition window opens.

3

Enter recipient, subject and text ➡ ➡



Message is sent.

Opening New Messages

When Internet Mail message arrives, handset responds with ringtone and Vibration, and appears on Status Bar.

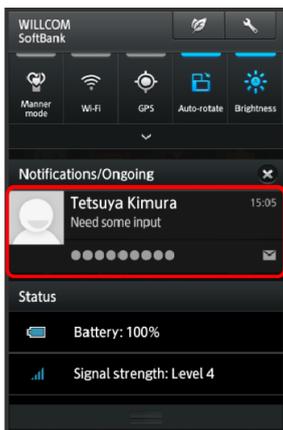
1

Drag Status Bar down for Notifications Window

Notifications Window opens.

2

Tap message notification



Message window opens.

For two or more new messages, Inbox opens; select one.

Opening Messages

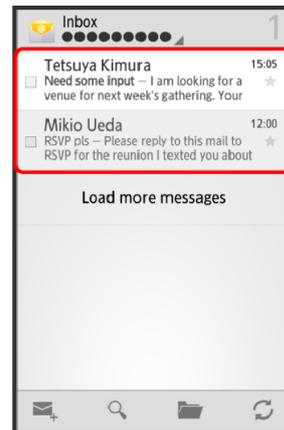
1

In application sheet, (Email)

Inbox opens.

2

Tap message



Message window opens.

Web Browsing (Browser)

View Internet sites in Browser.

Using Browser

By default, Quick toolbox guidance appears when activating Browser.

- To disable it thereafter, Tap **Don't show again** (☑ appears) and Tap **Close**.



1

In 3-Line Home, (Browser)

Browser activates.

- Flick to scroll.
- To exit Browser, Tap **End browser**.

Saving Bookmarks

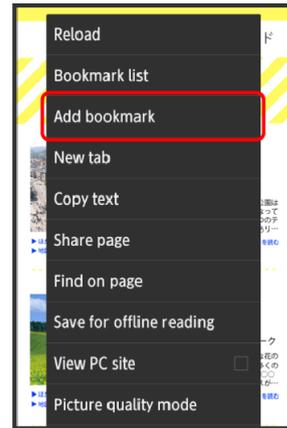
1

In 3-Line Home, (Browser)

Browser activates.

2

Open target webpage **Add bookmark**



Add bookmark window opens.

3

Check/edit label, URL, etc. **OK**

Current webpage is saved as a bookmark.

Opening Bookmarks

1

In 3-Line Home, (Browser)

Browser activates.

2

Bookmark list

Bookmark window opens.

3

Tap bookmark

Corresponding webpage opens.

Using History

1

In 3-Line Home, (Browser)

Browser activates.

2

Bookmark list

Bookmark window opens.

3

HISTORY



History list appears.

4

Tap item (e.g., Today) → Tap record

Corresponding webpage opens.

- Frequently visited webpages are saved in **Most visited**.

Saving Webpages

1

In 3-Line Home, (Browser)

Browser activates.

2

Open target webpage → Save for offline reading

Current webpage is saved.

Opening New Tabs

Open up to 16 webpages in different tabs to switch between them easily.

1

In 3-Line Home, (Browser)

Browser activates.

2

New tab

Another tab opens.

- When multiple tabs are open, Tap **Tab list** to open another tab.
- To switch tabs, Tap **Tab list** in Browser, then Tap target tab.

SSL & TLS

Secure Sockets Layer (SSL) and Transport Layer Security (TLS) are encryption protocols that secure Internet transmissions of important/sensitive information such as credit card numbers and corporate secrets, providing protection against online threats (eavesdropping, falsification, impersonation, etc.).

Browser Operations

Signing in to My WILLCOM

Access My WILLCOM to check service charges or reward points, change contract details (subscribed price plan, optional services, etc.), customize handset mail address, use anti-spam settings, etc.

In application sheet, **(My WILLCOM)** → Follow onscreen prompts

Searching for Information

In Browser, Tap URL entry field → Enter search text → **Go**

Tap link

Editing Bookmarks

In Browser, **Bookmark list** → Touch & Hold bookmark → Edit or move bookmark → Edit → **OK**

Deleting Bookmarks

In Browser, **Bookmark list** → Touch & Hold bookmark → Delete bookmark → **Yes**

Searching within Current Webpage

In Browser, **Find on page** → Enter search text

- Search results are highlighted.

Opening Saved Webpages

In Browser, **Bookmark list** → **SAVED PAGES** → Tap page

SSL/TLS Caution

When a security notice appears upon opening a webpage, you must decide for yourself whether or not to open the page. Opening secure pages constitutes agreement to the terms of SSL/TLS usage. WILLCOM, Inc., Sharp Corporation, VeriSign Japan K.K. and Cybertrust Japan Co., Ltd. cannot be held liable for any damages associated with the use of SSL/TLS.

6. Camera

Photo Camera.....	6-2
Video Camera	6-3

Photo Camera

Capturing Photos

Capture JPEG images.

- Insert SD Card beforehand. (Captured photos are saved to SD Card.)

1

In application sheet,  (Camera)

 Photo Viewfinder appears.

- If confirmation appears, follow onscreen prompts.

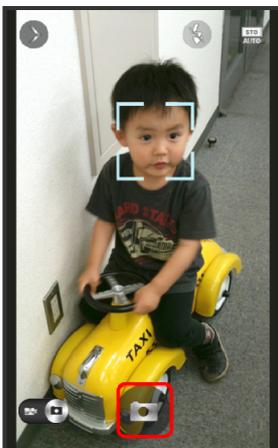
2

Aim Camera (External Camera) at subject



- For people, focus automatically locks on detected face.

3



 Shutter sound plays; photo is saved to SD Card.

Photo Viewfinder Operations

Adjusting Brightness

In Photo Viewfinder, Drag up/down

Adjusting Zoom

In Photo Viewfinder, Drag left/right or Pinch/Spread

- Zoom may be unavailable depending on Camera mode.

Locking Focus

In Photo Viewfinder, Tap subject for focus lock

- To release shutter, Tap the subject again.

Opening Captured Photo

In Photo Viewfinder, Tap preview thumbnail

- Album activates ( appears) and photo appears.

Using Internal Camera

Use Internal Camera to capture self or others with Lens on Display side.

In Photo Viewfinder,   

- Tap  to toggle Internal/External Camera.

- Some functions/settings are not available for Internal Camera.

Camera Cautions

General Use

Mind etiquette when using Camera.

Keep Lens Clean

Fingerprints/smudges may hinder handset imaging. Clean Lens with a soft cloth beforehand.

Avoid Direct Sunlight Exposure

Do not expose Lens area to direct sunlight for extended periods; may damage color filter, altering images.

Mobile Light Warning

Do not shine Mobile Light in eyes; may affect eyesight or cause other problems.

Video Camera

Recording Videos

Record H.264/AAC videos.

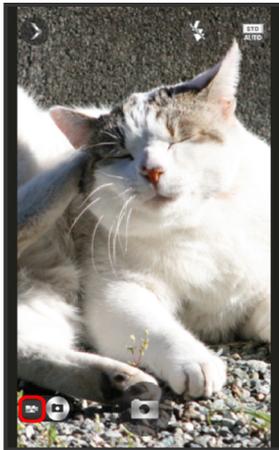
- Insert SD Card beforehand. (Recorded videos are saved to SD Card.)
- Viewfinder orientation is set to landscape for video recording.

1

In application sheet, (Camera)

- ▶ Photo Viewfinder appears.
- If confirmation appears, follow onscreen prompts.

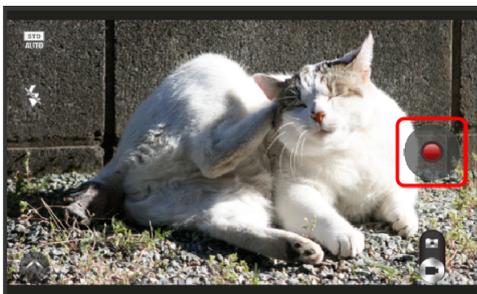
2



- ▶ Video Viewfinder appears.
- If confirmation appears, follow onscreen prompts.

3

Aim Camera at subject to start recording



- ▶ Tone sounds and recording starts.
- For people, focus automatically locks on detected face.

4

to stop recording



- ▶ Tone sounds and recording stops; video is saved to SD Card.

+ Video Viewfinder Operations

Adjusting Brightness

In Video Viewfinder, Drag up/down

Adjusting Zoom

In Video Viewfinder, Drag left/right or Pinch/Spread

Locking Focus

In Video Viewfinder, Tap subject for focus lock

Playing Recorded Video

In Video Viewfinder, Tap preview thumbnail Tap application (e.g., Video Player) Always or Just once

- Selected application activates and video plays.
- After Tapping preview thumbnail, Album activates (appears).

Using Internal Camera

Use Internal Camera to record self or others with Lens on Display side.

In Video Viewfinder,

- Tap to toggle Internal/External Camera.
- Some functions/settings are not available for Internal Camera.

! Camera Cautions

General Use

Mind etiquette when using Camera.

Keep Lens Clean

Fingerprints/smudges may hinder handset imaging. Clean Lens with a soft cloth beforehand.

Avoid Direct Sunlight Exposure

Do not expose Lens area to direct sunlight for extended periods; may damage color filter, altering images.

Continuous Recording Time

Recording capacity is 2 GB per file (recording stops when exceeded). To continue recording, start another session.

✗ Mobile Light Warning

Do not shine Mobile Light in eyes; may affect eyesight or cause other problems.

7. Music & Images

Music Files (Music).....	7-2
Still Images & Video (Album)	7-2

Music Files (Music)

Play music files saved to SD Card.

Playing Music Files

Supported file formats:

- 3GPP, 3GPP2, MP4, MP3, AMR, WMA (except WMDRM content), ASF (except WMDRM content), OGG Vorbis, WAVE, MIDI, XMF, RTTTL/RTX, OTA, iMelody, ADTS raw AAC, FLAC

1

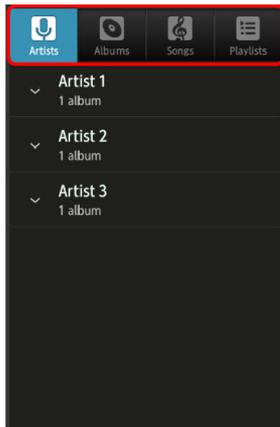
In application sheet, (Music)

 Library opens.

-  appears for the last played song in song list with its information at Display bottom.

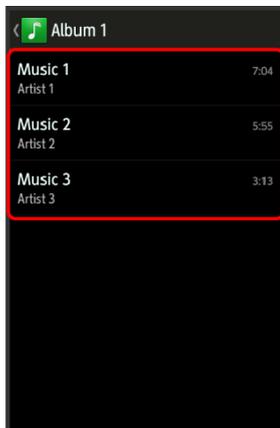
2

Select category (e.g., Albums)



3

Tap item Tap song



 Song plays.

- In **Songs**, Tap song directly.
- After Tapping an item, you may need to Tap another item (e.g., album name) depending on category.

Still Images & Video (Album)

Photos and videos shot on handset or downloaded images are sorted into PORTRAIT, EVENT and MAP tabs.

Opening/Playing Files

View still images and videos saved to SD Card. See below for supported file formats.

Image	File Format
Still Image	JPEG, PNG, GIF, BMP, WBMP, WebP
Video	3GPP, 3GPP2, MP4, WMV (except WMDRM content), ASF (except WMDRM content), WebM, Matroska, MPEG2-TS

1

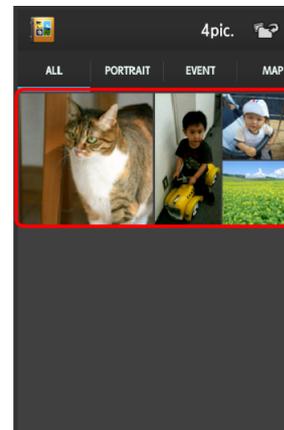
In application sheet, (Album)

 File list appears.

- Tap **ALL**, **PORTRAIT**, **EVENT** or **MAP** to open files by category.
- When activating Album for the first time, **ALL** file list appears. Album activates in the last-used state thereafter (file list or folder list appears).
- Flick up/down for hidden files.
- If confirmation appears, follow onscreen prompts.

2

Tap file



 File opens.

- For video playback, Tap , then select application. Follow onscreen prompts.

8. Connectivity

Using Wi-Fi.....	8-2
Using Bluetooth®	8-4

Using Wi-Fi

Use household Wi-Fi networks, etc. to connect to the Internet.

Enabling Wi-Fi

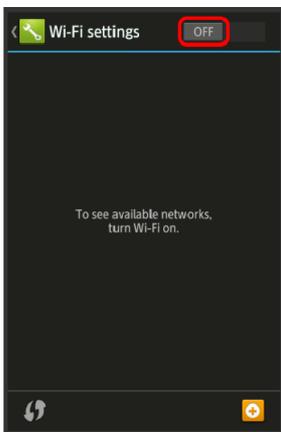
1

In application sheet, tap **(Settings)** → **Wi-Fi settings**

Wi-Fi settings opens.

2

OFF on Action Bar



Wi-Fi is enabled (ON appears).

- Access point search starts; available access points appear upon completion.
- To disable Wi-Fi, Tap ON (OFF appears).

Connecting Selected Access Points

Enable handset Wi-Fi first.

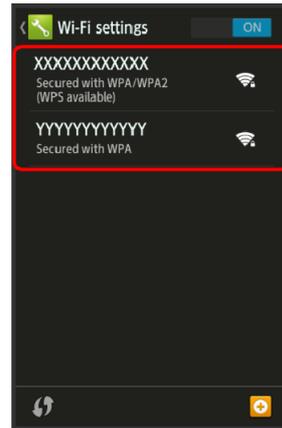
1

In application sheet, tap **(Settings)** → **Wi-Fi settings**

Wi-Fi settings opens.

2

Tap access point



3

Enter password → Connect



Handset connects to selected access point.

- Password (indicated by WEP, WPA, KEY, etc.) may be found on a label on your Wi-Fi router. For details, contact the vendor of the router. For public wireless LAN services, check the password with your ISP.
- Password entry may not be required depending on access point.

Disconnecting Wi-Fi

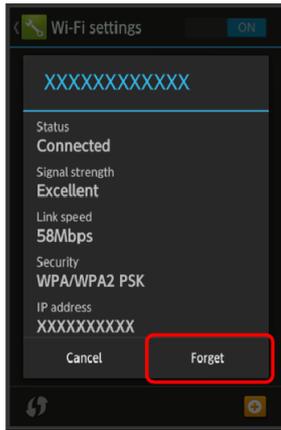
1

In application sheet, tap **(Settings)** → **Wi-Fi settings**

Wi-Fi settings opens.

2

Tap connected access point → Forget



Wi-Fi is disconnected.

- Password entry may be required to reconnect to access point.

Using Wi-Fi Direct

Use Wi-Fi Direct to establish a Wi-Fi connection with other Wi-Fi Direct compatible devices with no need for an access point or Internet connection.

- Enable handset Wi-Fi first.

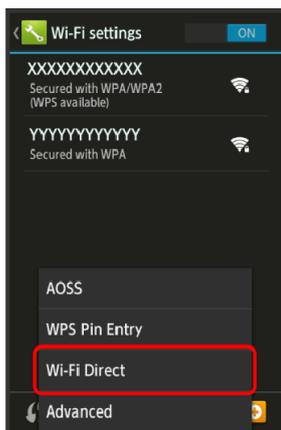
1

In application sheet, (Settings) → Wi-Fi settings

Wi-Fi settings opens.

2

Wi-Fi Direct



Found Wi-Fi Direct compatible devices appear in Peer devices field.

- If target device does not appear, Tap SEARCH FOR DEVICES to try searching again.

3

Tap target device → Follow onscreen prompts for authentication

Tapped device is connected.

Automatic Updates for Optimizing Wi-Fi Connection

While using Wi-Fi, updates for optimizing connection may be received or applied automatically.

Wi-Fi Operations

Connecting Access Points Manually

In Wi-Fi settings, → Enter network SSID → Done → Tap

Security field → Tap security protocol → Save

- Available when Wi-Fi settings is enabled.
- Selected security protocol may require other fields to be completed.

Connecting Using AOSS

In Wi-Fi settings, → AOSS → Follow onscreen prompts

Enabling/Disabling Available Network Notifications

In Wi-Fi settings, → Advanced → Network notification

- Available when Wi-Fi settings is enabled.
- Tap Network notification to toggle on (✓)/off (□).

Selecting a Wi-Fi Sleep Option

In Wi-Fi settings, → Advanced → Wi-Fi sleep policy → Tap option

Connecting Using WPS

In Wi-Fi settings, → Follow onscreen prompts

- To connect using the PIN method, Tap in Wi-Fi settings, Tap WPS Pin Entry, then follow onscreen prompts.

Dismissing Access Points

In Wi-Fi settings, Touch & Hold access point → Forget network → Yes

Troubleshooting

Q Cannot detect access points

A There may be multiple access points using neighboring channels. In this instance, handset may not detect access points correctly.

Using Bluetooth®

Connect handset to other Bluetooth® devices for wireless connectivity.

Bluetooth® Functions

Function	Description
Sound output	Listen to music, audio, etc. wirelessly.
Handsfree conversation	Use Bluetooth® devices (e.g., headsets) for handsfree conversations.
File transfer	Transfer files between handset and Bluetooth® devices.

Enabling Bluetooth®

1

In application sheet,  (Settings) → Other settings

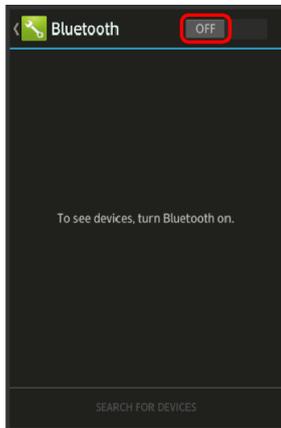
2

Bluetooth

 Bluetooth® menu opens.

3

OFF on Action Bar



 Bluetooth® is enabled (**ON** appears).

■ To disable Bluetooth®, Tap **ON** (**OFF** appears).

Pairing with Other Bluetooth® Devices

Pair nearby Bluetooth® devices with handset for easy wireless connection.

- Enable Bluetooth® on handset and set target devices to be discoverable first.

1

In application sheet,  (Settings) → Other settings

2

Bluetooth

 Bluetooth® menu opens; found Bluetooth® devices appear in Available devices field.

- If target device does not appear, Tap **SEARCH FOR DEVICES** to try searching again.

3

Tap target device → Follow onscreen prompts for authentication

 Pairing completes; handset connects to some devices (e.g., handsfree devices) automatically.

- Authentication procedure varies by device. Passkey entry may be required.
- Passkey is a 1 to 16-digit alphanumeric code required for authentication between handset and other devices.
- Paired devices appear in Paired devices field.

Connecting Paired Bluetooth® Devices

1

In application sheet,  (Settings) → Other settings

2

Bluetooth

 Bluetooth® menu opens.

- Paired Bluetooth® devices appear in Paired devices field.

3

Tap target device

 Tapped device is connected.

Sending Files via Bluetooth® (e.g., Address Book)

1

In application sheet, (Address Book)

Address Book opens.

2

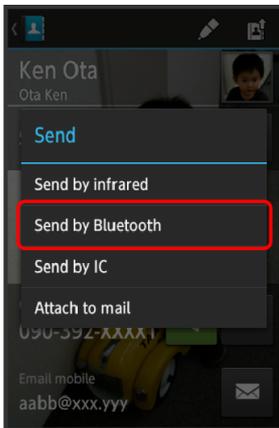
Tap tab Tap contact



Contact opens.

3

(send) on Action Bar Send by Bluetooth



4

Yes Tap device

File is sent.

■ If confirmation appears, follow onscreen prompts.

Receiving Files via Bluetooth® (e.g., Address Book)

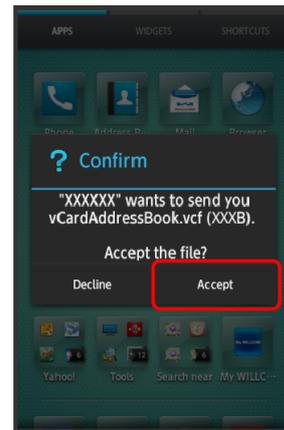
When file reception request arrives, appears on Status Bar. Receive files as follows.

1

Drag Status Bar down for Notifications Window

2

Tap Bluetooth® share notification Accept

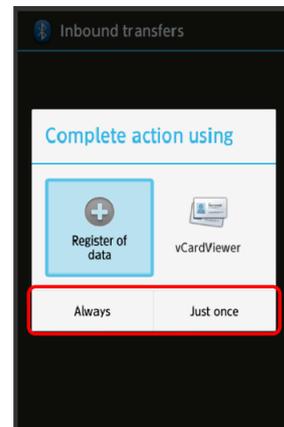


3

After file reception, Drag Status Bar down for Notifications Window

4

Tap Bluetooth® share notification Tap file Register of data Always or Just once



Data is saved.

■ If confirmation appears, follow onscreen prompts.

■ Messages received via Bluetooth® can be used from Contents Manager.

 **Accepting Connection Requests**

Handset automatically accepts connection requests from paired devices. For unpaired devices, set handset to be discoverable first; when connection request arrives, follow onscreen prompts.

- If confirmation appears, follow onscreen prompts.

 **Bluetooth® Connection Operations**

Renaming Paired Devices

In Bluetooth® menu,  for target device  **Rename**  **Enter name**  **OK**

- Some pictograms can also be used.

Unpairing Devices

In Bluetooth® menu,  for target device  **Unpair**

Connecting to Bluetooth® Devices by Service

In Bluetooth® menu,  for target device  **Tap item**

- Available for compatible devices only.

Disconnecting Devices (e.g., Handsfree Devices)

In Bluetooth® menu, **Tap device**  **OK**

Setting whether to Allow Other Devices to Detect Handset

In Bluetooth® menu, **Tap handset name (default: WX04SH)**

- Description below handset name changes to "Visible to all nearby Bluetooth® devices," and handset will be discoverable from other Bluetooth® devices for a period of time set in **Visibility timeout**.
- Handset returns to non-discoverable state automatically after a period of time set in **Visibility timeout**, and will be hidden from unpaired devices.

Changing Handset Name that Appears on Other Devices

In Bluetooth® menu,   **Rename phone**  **Tap name field**  **Enter name**  **Rename**

- Some pictograms can also be used.

Changing Discoverable Time

In Bluetooth® menu,   **Visibility timeout**  **Tap option**

- For **Never time out**, handset does not return to non-discoverable state automatically.

 **Troubleshooting**

Q Cannot use Bluetooth®

A Airplane mode may be active. Activating Airplane mode disables Bluetooth®. (Bluetooth® can be enabled again while Airplane mode is active.)

 **Bluetooth® Usage Cautions**

Connection

Bluetooth® connection may not be possible with some Bluetooth® devices. Noise may interfere with wireless or handsfree conversations.

File Transfer

Files may not appear correctly on recipient devices.

9. Global Services

Calling from Outside Japan..... 9-2

Calling from Outside Japan

Handset is Global Roaming Service eligible where 3G network coverage is available (3G areas). Use the same 3G handset phone number outside Japan (PHS phone number cannot be used).

Calling Japan

1

In 3-Line Home, (Phone)

 Call window opens.

- When Incoming History or Outgoing History opens, Tap .
- When missed call window opens, Tap . If 3-Line Home returns, Tap  (Phone) again.

2

Use onscreen dialpad to enter phone number

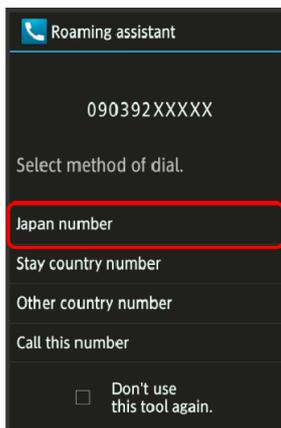


 Roaming assistant appears.

- Do not add + before the phone number.

3

Japan number



 Handset dials the phone number.

Calling Landlines & Mobile Phones within Current Country

1

In 3-Line Home, (Phone)

 Call window opens.

- When Incoming History or Outgoing History opens, Tap .
- When missed call window opens, Tap . If 3-Line Home returns, Tap  (Phone) again.

2

Use onscreen dialpad to enter phone number

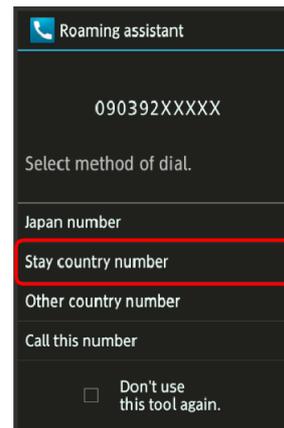
 

 Roaming assistant appears.

- Do not add + before the phone number.

3

Stay country number



 Handset dials the phone number.

Calling Countries aside from Japan

1

In 3-Line Home, (Phone)

Call window opens.

- When Incoming History or Outgoing History opens, Tap Phone.
- When missed call window opens, Tap . If 3-Line Home returns, Tap (Phone) again.

2

Use onscreen dialpad to enter phone number

Call(3G)

Roaming assistant appears.

- Do not add + before the phone number.

3

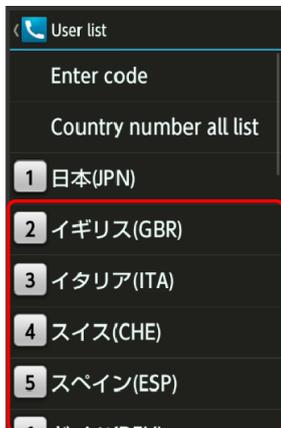
Other country number



Country code list appears.

4

Tap country code



Handset dials the phone number.

- When calling SoftBank handsets, always Tap 日本(JPN).

+ International Call Operations

Selecting a Network Operator

Handset connects to an appropriate network operator automatically by default. To select a network operator manually, follow these steps.

In application sheet, (Settings) Other settings Network settings Mobile networks Network operators Tap operator

- To search for all available network operators, Tap Search networks.
- To restore default setting, Tap Choose automatically.

Changing Country Codes

In application sheet, (Settings) Call Int'l call settings User list Tap country code Change by list Tap country code Register

- Tap Entry direct to enter country name and code directly.

Deleting Country Codes

In application sheet, (Settings) Call Int'l call settings User list Tap country code Delete from list

Enabling/Disabling Abroad Assistant

In application sheet, (Settings) Call Int'l call settings Abroad assistant

- Tap Abroad assistant to toggle on ()/off ().

10. Settings

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About Settings

About Settings

In application sheet, Tap  (Settings) to customize the following settings.

Item	Description
Profile	Check handset phone numbers, mail address, etc.
Sound settings	Set Manner mode, ringtone, confirmation tones, etc.
Wallpaper & display	Set Wallpaper, Display brightness, etc.
Quick start key Settings	Change function to execute when you Press or Long Press  (Quick Start Key).
Energy saving	Adjust corresponding settings at once to save battery power, or check battery status.
Device info	Check handset status.
Add account	Create/add accounts and sync them.
Wi-Fi settings	Enable Wi-Fi connection.
Wi-Fi spot settings	Make SoftBank Wi-Fi spot settings.
Call	Set call options.
Mail settings	Set Mail options.
Browser settings	Set Browser options.
Home applications	Switch Home application.
Charging theater	Set slideshow or video to play in 3-Line Home or Welcome sheet (lock screen) while charging.
Data usage	Check data usage and set limit.
Storage	Check handset/SD Card memory status, mount SD Card, erase SD Card files, and back up files to SD Card.
Application	Check installed applications and running applications.
Other settings	Set operation of other functions.

1

In application sheet, Tap  (Settings)

 Settings opens.

2

Set each item

 Setting is complete.

Sound Settings

Sound Settings

Item	Description
Mode settings	Set Manner mode.
Volume	Adjust volume levels for ringtone, Alarm, etc.
For Incoming call	Set ringtone and other options for incoming calls.
For new message	Set ringtone and other options for incoming messages.
For notification	Set sound and other options for notifications.
Alarm	Set volume and other options for Alarm.
Timer	Set sound and other options for Timer.
Haptic feedback	Enable/disable Vibration when Tapping dialpad, keys, etc.
Audible touch tones	Enable/disable confirmation tone when Tapping menus, keys, etc.
Dial pad touch tones	Enable/disable dialpad tones.
Screen lock sounds	Enable/disable tone when activating/canceling Screen lock.

1

In application sheet, Tap  (Settings)

2

Sound settings

 Sound settings opens.

3

Set each item

 Setting is complete.

Sound Settings Operations

Setting Manner Mode

In Sound settings, **Mode settings** → Tap option

- Camera shutter sound, video recording tones, etc. still play even in Manner mode.

Setting Handset Volume

In Sound settings, **Volume** → Drag each slider to adjust Volume → OK

- Sound plays at set Volume when releasing finger.

Setting Ringtone for Incoming Calls

In Sound settings, **For Incoming call** → **Sound/Ringtone** → Tap option (**Media Storage**, **Sound/Ringtone**, etc.) → **Always** or **Just once** → Tap tone/file → OK

- Sound plays when Tapping a tone/file.

Enabling/Disabling Vibration for Incoming Calls

In Sound settings, **For Incoming call** → **Vibration** → Tap option

Setting Vibration Pattern for Incoming Calls

In Sound settings, **For Incoming call** → **Vibrator pattern** → Tap pattern → OK

- Handset vibrates when Tapping a pattern.

Setting Notification Lamp Illumination for Incoming Calls

In Sound settings, **For Incoming call** → **Incoming lamp** → **Blinking pattern** or **Blinking color** → Tap item → OK

- Notification Lamp flashes when Tapping an item.

Setting Ringtone for Incoming Messages

In Sound settings, **For new message** → **Melody** → **Select melody** → Tap option (**Media Storage**, **Sound/Ringtone**, etc.) → **Always** or **Just once** → Tap tone/file → OK

- Sound plays when Tapping a tone/file.
- To disable ringtone, Tap **OFF** instead of **Select melody**.

Setting Vibration Pattern for Incoming Messages

In Sound settings, **For new message** → **Vibrator** → Tap pattern → OK

- Handset vibrates when Tapping a pattern.

Setting Notification Lamp Illumination for Incoming Messages

In Sound settings, **For new message** → **Reception lamp** → **Blinking pattern** or **Blinking color** → Tap item → OK

- Notification Lamp flashes when Tapping an item.

Setting Ringtone Duration for Incoming Messages

In Sound settings, **For new message** → **Ring duration** → **Ring time setting** → **Select time** → OK

- For **Ring single song**, selected tone/file plays to the end.

Setting Ringtone for Notifications

In Sound settings, **For notification** → **Notification sounds** → Tap option (**Media Storage**, **Sound/Ringtone**, etc.) → **Always** or **Just once** → Tap tone/file → OK

- Sound plays when Tapping a tone/file.

Enabling/Disabling Notification Lamp for Notifications

In Sound settings, **For notification** → **Pulse notification light**

- Tap **Pulse notification light** to toggle on ()off ()

Setting Ringtone Duration for Notifications

In Sound settings, **For notification** → **Ring duration** → **Ring time setting** → **Select time** → OK

- For **Ring single song**, selected tone/file plays to the end.

Enabling/Disabling Vibration when Tapping Dialpad, Keys, Etc.

In Sound settings, **Haptic feedback**

- Tap **Haptic feedback** to toggle on ()off ()
- Disable **Haptic feedback** to save battery power.

Enabling/Disabling Confirmation Tone when Tapping Menus, Keys, Etc.

In Sound settings, **Audible touch tones**

- Tap **Audible touch tones** to toggle on ()off ()
- Disable **Audible touch tones** to save battery power.

Enabling/Disabling Dialpad Tones

In Sound settings, **Dial pad touch tones**

- Tap **Dial pad touch tones** to toggle on ()off ()
- Disable **Dial pad touch tones** to save battery power.

Enabling/Disabling Tone when Activating/Canceling Screen Lock

In Sound settings, **Screen lock sounds**

- Tap **Screen lock sounds** to toggle on ()off ()
- Disable **Screen lock sounds** to save battery power.

Wallpaper & Display Settings

Wallpaper & Display Settings

Item	Description
Wallpaper	Set Wallpaper for SH HOME (Home application).
Welcome Sheet (lock screen)	Set Wallpaper and other options for Welcome sheet (lock screen).
Brightness	Set Display brightness.
Screen timeout	Set a period of inactivity after which Display turns off automatically.
Quality mode	Select a mode (combination of Display color tone and brightness).
Auto-rotate screen	Set whether to rotate Display with handset orientation automatically.
Screen on/off with motion	Set Display to turn on/off according to handset movement or operation.
Font Settings	Set font size and font type.
VeilView	Prevent peeking.
Display left percents of Battery	Set whether to show battery strength in percent.

1

In application sheet,  (Settings)

2

Wallpaper & display

 Wallpaper & display menu opens.

3

Set each item

 Setting is complete.

Wallpaper & Display Operations

Setting Preloaded Image as Wallpaper

Change Wallpaper for SH Home (Home application).

In **Wallpaper & display menu**, **Wallpaper**  **OK**  **Live Wallpapers** or **Wallpaper gallery**  **Always** or **Just once**  **Select image**  **Set wallpaper** or **Set to wallpaper**

■ For some images, additional settings are available. Follow onscreen prompts.

Setting Still Image as Wallpaper for Welcome Sheet (Lock Screen)

In **Wallpaper & display menu**, **Welcome Sheet(lock screen)**  **Welcome Sheet wallpaper**  **Tap >> for Image**  **Tap page (e.g., Page 1)**  **Tap option (e.g., Contents manager)**  **Select image**  **Drag frame to adjust image area**  **Save**

■ To remove Wallpaper, Tap **To cancel the setting** when Tapping an option.

Setting a Period of Inactivity after which Display Turns Off

In **Wallpaper & display menu**, **Screen timeout**  **Tap time**

■ Set a shorter time to save battery power.

Setting whether to Keep Display Turned On while Hand-Holding Handset

In **Wallpaper & display menu**, **Screen on/off with motion**  **Bright Keep**  **ON (Notify)**, **ON (Not notify)** or **OFF**

■ For **ON (Notify)**,  appears on Status Bar indicating Bright Keep is enabled.

■ Hand-held state is determined based on handset angle and Proximity/Light Sensor responses; may not be determined correctly depending on usage status.

Quick Start Key Settings

Quick Start Key Settings

Change function to execute when you Press or Long Press  (Quick Start Key).

1

In application sheet,  (Settings)

2

Quick start key Settings

 Quick start key Settings opens.

3

Short press or **Long press**

4

Tap item (then select option)

 Setting is complete.

Device Info

Device Info

Check handset status.

1

In application sheet,  (Settings)

2

Device info

 Device info menu opens.

■ For details on Software update, see "[Software Updates](#)."

Device Info Operations

Checking Handset Status (Battery Status, Handset Phone Number, Etc.)

In Device info menu, **Status**

■ Tap **Battery status** to check battery performance.

Calibrating Touchscreen

Calibrate Touchscreen to improve response. Hold handset normally during calibration.

In Device info menu, **Adjust touch panel**  **Follow onscreen prompts**

Calibrating Motion & Electromagnetic Sensors

In Device info menu, **Adjust sensitivity of sensor**  **OK** 

Follow onscreen prompts (tone sounds when calibration completes)  **OK**

Checking Legal Information, Authentication, & Technical Regulations Conformity Certification

In Device info menu, **Legal information**, **Authentication** or **Technical Regulations Conformity Certification**

■ Handset complies with requirements as stipulated by the Radio Law and Telecommunications Business Law.

Add Account

Add Account

Create/add accounts and sync them.

1

In application sheet,  (Settings)

2

Add account

3

Tap account type  Follow onscreen prompts

 An account is added.

Selecting Applications to Sync by Account

In application sheet,  (Settings)  Tap account type  Tap account  Tap sync option(s) (appears)

Wi-Fi Settings

Wi-Fi Settings

1

In application sheet,  (Settings)

2

Wi-Fi settings

 Wi-Fi settings opens.

3

OFF on Action Bar

 Wi-Fi is enabled (**ON** appears).

- Access point search starts; available access points appear upon completion.
- To disable Wi-Fi, Tap **ON** (**OFF** appears).

4

Tap access point Enter password **Connect**

 Handset connects to selected access point.

- Password (indicated by WEP, WPA, KEY, etc.) may be found on a label on your Wi-Fi router. For details, contact the vendor of the router. For public wireless LAN services, check the password with your ISP.
- Omit password entry for unprotected access points.
- See "[Using Wi-Fi](#)" for more about Wi-Fi settings and operations.

Home Applications Setting

Home Applications Setting

Set Home application.

1

In application sheet,  (Settings)

2

Home applications

 Home applications menu opens.

3

Tap Home application

 Setting is complete.

Storage Settings

Storage Settings

Item	Description
Total space	Check total space in handset system memory and SD Card.
Available	Check free space in handset system memory and SD Card.
Mount microSD	Mount SD Card. See " Unmounting SD Card " for details.
Unmount microSD	Unmount SD Card to remove it safely. See " Unmounting SD Card " for details.
Erase microSD	Format SD Card. See " Formatting SD Card " for details.
Preferred install location	Set install location for applications.
microSD backup	Back up files to SD Card.

1

In application sheet,  (Settings)

2

Storage

 Storage menu opens.

3

Set each item

 Setting is complete.

Storage Settings Operations

Setting Install Location for Applications

In Storage menu, **Preferred install location**  Tap item

File Backup (Handset to SD Card)

Back up handset files (contacts, sent/received messages, bookmarks, etc.) to SD Card.

In Storage menu, **microSD backup**  **Backup**  **Enter**
Operation Password  **OK**  **Tap item(s)**  **appears** 
Start  **Yes**  **Complete**

- If confirmation appears, follow onscreen prompts.
- Backup stops if Battery runs low. Check battery charge beforehand.
- To select or cancel all available items at once in Backup item list, Tap (check all) or (uncheck all) on Action Bar.
- microSD backup requires 11 MB of free space in handset system memory.

Application Settings

Application Settings

Check installed applications and running applications.

1

In application sheet,  (Settings)

2

Application

 Application menu opens.

- Tap **DOWNLOADED**, **ON SD CARD**, **RUNNING** or **ALL** to show applications by category.
- Flick application list left/right to toggle categories.

3

Tap application

 Application information appears.

4

Set each item

 Setting is complete.

Other Settings

Other Settings

Item	Description
Location services	Manage access to location information.
Bluetooth	Set Bluetooth® connections.
Network settings	Set Airplane mode, mobile network, etc.
Lock & Security	Set Screen lock, Operation Password, etc.
Language & input	Set functions for language and text entry.
Date & time	Set functions for date and time.
Accessibility	Set functions for TalkBack, text-to-speech, etc.
Developer options	Set functioning of developer options.
Initial setting	Perform initial setup manually.
Reset all	Delete all handset system memory files.

1

In application sheet,  (Settings)

2

Other settings

 Other settings opens.

3

Set each item

 Setting is complete.

Other Settings; Bluetooth® Settings

Bluetooth® Settings

1

In application sheet,  (Settings)

2

Other settings

 Other settings opens.

3

Bluetooth

 Bluetooth® menu opens.

4

ON Action Bar

 Bluetooth® is enabled (ON appears).

■ To disable Bluetooth®, Tap ON (OFF appears).

5

Set each item

 Setting is complete.

■ For details on each item, see "[Using Bluetooth®](#)."

Other Settings; Network Settings

Network Settings

Item	Description
Airplane mode	Leaving power on, suspend signal-transmitting functions.
Tethering & hotspot	Use handset like a Wi-Fi router to access the Internet from a PC or game device over PHS network/Wi-Fi.
Osaifu-Keitai settings	Set functioning of Osaifu-Keitai®.
Home network settings	Share media files with other devices over a home network.
VPN settings	Set virtual private networks (VPNs).
Mobile networks	Set network options. For details on Network operators, see " Calling from Outside Japan ."

1

In application sheet,  (Settings)

2

Other settings

 Other settings opens.

3

Network settings

 Network settings opens.

4

Set each item

 Setting is complete.

Network Settings Operations

Enabling/Disabling Signal-Transmitting Functions

In **Network settings**, **Airplane mode**

- Tap **Airplane mode** to toggle on () / off ()

Using Tethering via USB Connection

First, connect handset to target device (e.g., PC) with commercially available micro USB cable.

In **Network settings**, **Tethering & hotspot**  **USB tethering**

- Available when **Data transmission(PHS)** under Mobile networks is enabled.
- If confirmation appears, follow onscreen prompts.
- Tap **USB tethering** to toggle on () / off ()

Using Tethering via Wi-Fi

In **Network settings**, **Tethering & hotspot**  **Wi-Fi tethering**

- Available when **Data transmission(PHS)** under Mobile networks is enabled.
- If confirmation appears, follow onscreen prompts.
- Tap **Wi-Fi tethering** to toggle on () / off ()

Setting up Wi-Fi Tethering

In **Network settings**, **Tethering & hotspot**  **Set up Wi-Fi hotspot**  **Set each item**  **Save**

Activating/Canceling Osaifu-Keitai® Lock

In **Network settings**, **Osaifu-Keitai settings**  **Osaifu-Keitai Lock**  **Next**  **OK**

- To cancel, follow the steps above. (After Tapping **Next**, enter Operation Password to proceed.)

Setting whether to Require Operation Password for Activating Osaifu-Keitai® Lock

In **Network settings**, **Osaifu-Keitai settings**  **Passcode settings**  **Always demand** or **Not demand**  **Enter Operation Password**  **OK**

Enabling/Disabling Sharing of SD Card Media Files on DLNA Devices

In **Network settings**, **Home network settings**  **Home network server**

- Set up **Wi-Fi for home NW server** beforehand.
- Tap **Home network server** to toggle on () / off ()
- See TV user guide to learn how to connect handset to DLNA-compatible TV.

Setting up a Network (Wi-Fi Access Point) for DLNA Service

In **Network settings**, **Home network settings**  **Wi-Fi for home NW server**  **Tap access point**

- Available when **Home network server** is disabled.
- If confirmation appears, follow onscreen prompts.

Saving Handset Name that Appears on DLNA Devices

In **Network settings**, **Home network settings**  **Home network server name**  **Tap server name field**  **Enter name**  **OK**

- Available when **Home network server** is disabled.

Adding Virtual Private Networks (VPNs)

In **Network settings**, **VPN settings**  **Add VPN profile**  **Tap item**  **Set**  **Save**

- Set up pattern, Lock No. passcode or password for Screen lock beforehand.
- Tap an added VPN to connect/disconnect it. Touch & Hold to edit/delete it.

Enabling/Disabling Data Transmission over 3G Network

In **Network settings**, **Mobile networks**  **Data transmission**

- Tap **Data transmission** to toggle on () / off ()

Enabling/Disabling Data Transmission over PHS Network

In **Network settings**, **Mobile networks**  **Data transmission(PHS)**

- Available when **Data transmission** under Mobile networks is enabled.
- Tap **Data transmission(PHS)** to toggle on () / off ()

Enabling/Disabling Data Roaming

In **Network settings**, **Mobile networks**  **Data roaming**

- Tap **Data roaming** to toggle on () / off ()
- If confirmation appears, follow onscreen prompts.

Adding Access Points

In **Network settings**, **Mobile networks**  **Access Point Names**    **New APN**  **Tap item**  **Set**    **Save**

Deleting Added Access Points

In **Network settings**, **Mobile networks**  **Access Point Names**    **Reset to default**

Other Settings; Lock & Security Settings

Lock & Security Settings

Item	Description
Operation password setting	Set Operation Password to use or change some functions. See " Setting Operation Password " for details.
Screen lock	Set Screen lock option.
Owner info	Show owner information in Welcome sheet (lock screen).
Secrecy settings	Hide contacts, messaging folders, etc.
Contacts data access monitor	Control access of applications to Address Book.
USIM card lock settings	Set whether to require PIN entry when powering on. See " USIM PIN " for details.
Visible passwords	Show/hide passwords as you type.
Device administrator	Enable/disable device management option.
Unknown sources	Enable/disable installation of non-Google Play applications.
Use secure credentials	Control access of applications to secure certificates and other authentication information.
Install from microSD	Install encrypted authentication information from SD Card.
Clear credentials	Delete all authentication information and reset password for authentication information storage.

1

In application sheet, (Settings)

2

Other settings

Other settings opens.

3

Lock & Security

Lock & Security menu opens.

4

Set each item

Setting is complete.

Lock & Security Operations

Disabling Screen Lock

In Lock & Security menu, **Screen lock** **None**

- When an option other than **None** or **Slide** is selected, after Tapping **Screen lock**, cancel Screen lock to proceed.

Requiring Dragging for Canceling Screen Lock

In Lock & Security menu, **Screen lock** **Slide**

- When an option other than **None** or **Slide** is selected, after Tapping **Screen lock**, cancel Screen lock to proceed.

Requiring Face Recognition for Canceling Screen Lock

In Lock & Security menu, **Screen lock** **Face Unlock** **Read message** **Set it up** **Continue** **Align face with guide** **Face captured. appears** **Continue** **Select secondary unlock option (in case of face recognition failure)** **Set pattern or passcode** **OK**

- When an option other than **None** or **Slide** is selected, after Tapping **Screen lock**, cancel Screen lock to proceed.

Requiring Pattern Drawing for Canceling Screen Lock

In Lock & Security menu, **Screen lock** **Pattern** **Draw pattern** **Continue** **Draw pattern again** **Confirm**

- When an option other than **None** or **Slide** is selected, after Tapping **Screen lock**, cancel Screen lock to proceed.
- If confirmation appears, follow onscreen prompts.

Requiring Passcode Entry for Canceling Screen Lock

In Lock & Security menu, **Screen lock** **Lock No.** **Enter passcode** **Continue** **Re-enter passcode** **OK**

- When an option other than **None** or **Slide** is selected, after Tapping **Screen lock**, cancel Screen lock to proceed.

Requiring Password Entry for Canceling Screen Lock

In Lock & Security menu, **Screen lock** **Password** **Enter password** **Continue** **Re-enter password** **OK**

- When an option other than **None** or **Slide** is selected, after Tapping **Screen lock**, cancel Screen lock to proceed.

Setting whether to Show Owner Information in Welcome Sheet (Lock Screen)

In Lock & Security menu, **Owner info** **Show owner info on lock screen**

- Tap **Show owner info on lock screen** to toggle on /off .
- After enabling **Show owner info on lock screen**, enter owner information.
- To show owner information, Tap in Welcome sheet (lock screen). (Tap to hide it.)

Controlling Access of Applications to Address Book

In Lock & Security menu, **Contacts data access monitor** **Tap application** **Permit access** or **Prohibit access** **OK**

- Select **Notify statusbar.** to show a notification on Status Bar when an application accesses Address Book.

Enabling/Disabling Installation of Non-Google Play Applications

In Lock & Security menu, **Unknown sources**

- Tap **Unknown sources** to toggle on /off .
- If confirmation appears, follow onscreen prompts.

Other Settings; Language & Input Settings

Language & Input Settings

Item	Description
Select language	Select handset interface language.
Spell checker ¹	Enable/disable spelling correction.
Personal dictionary ¹	Save words to user dictionary for Android keyboard.
Default	Set default input method.
Android keyboard ¹	Set functioning of Android keyboard.
Google voice typing	Enable/disable voice input.
iWnn IME - SH edition	Set functioning of iWnn IME - SH edition.
Voice Search	Set voice input options.
Text-to-speech output ¹	Set text-to-speech options.
Pointer speed	Set pointer speed for mouse/trackpad use.

¹ Japanese is not supported.

1

In application sheet,  (Settings)

2

Other settings

 Other settings opens.

3

Language & input

 Language & input menu opens.

4

Set each item

 Setting is complete.

Language & Input Operations

Selecting Handset Interface Language

In Language & input menu, **Select language**  Tap option

Saving Words to User Dictionary for Android Keyboard

In Language & input menu, **Personal dictionary**    Tap
Phrase field  **Enter word/phrase**  **Next**  **Enter**
keyword  **Done**  **Select language**  

- To delete a word, Tap it then Tap .
- Japanese is not supported.

Setting Functioning of Android Keyboard

In Language & input menu,  in **Android keyboard field**  Tap
item  **Follow onscreen prompts**

- For some items, setting completes when Tapping the item.
- Japanese is not supported.

Setting Functioning of iWnn IME - SH edition

Change keyboard design, input/conversion settings, dictionary settings, etc.

In Language & input menu,  in **iWnn IME - SH edition field**  Tap
category  **Tap item**  **Follow onscreen prompts**

- For some items, setting completes when Tapping the item.

Other Settings; Date & Time Settings

Date & Time Settings

Item	Description
Automatic date & time	Set date and time automatically.
Auto timezone	Enable/disable automatic time zone adjustment.
Set date	Set date manually.
Set time	Set time manually.
Select time zone	Set time zone manually.
Use 24-hour format	Enable/disable 24-hour format.
Choose date format	Set date format.

1

In application sheet, tap  (Settings)

2

Other settings

 Other settings opens.

3

Date & time

 Date & time menu opens.

4

Set each item

 Setting is complete.

Date & Time Operations

Setting Date & Time Automatically

In Date & time menu, tap **Automatic date & time**

■ Tap **Automatic date & time** to toggle on () / off ()

Enabling/Disabling Automatic Time Zone Adjustment

In Date & time menu, tap **Auto timezone**

■ Tap **Auto timezone** to toggle on () / off ()

Setting Date Manually

In Date & time menu, tap **Set date** → **Set date** → **OK**

■ Available when **Automatic date & time** is disabled.

Setting Time Manually

In Date & time menu, tap **Set time** → **Set time** → **OK**

■ Available when **Automatic date & time** is disabled.

Setting Time Zone Manually

In Date & time menu, tap **Select time zone** → Tap country/area

■ Available when **Auto timezone** is disabled.

Enabling/Disabling 24-hour Format

In Date & time menu, tap **Use 24-hour format**

■ Tap **Use 24-hour format** to toggle on () / off ()

Setting Date Format

In Date & time menu, tap **Choose date format** → Tap option

Other Settings; Developer Options

Developer Options

Available options are intended for developers. Do not change the settings except when developing applications, interfaces, etc.; may result in handset malfunction.

1

In application sheet,  (Settings)

2

Other settings

 Other settings opens.

3

Developer options

 Developer options appear.

4

OFF on Action Bar  **OK**

 All developer options are available (**ON** appears).

■ To disable developer options, Tap **ON** (**OFF** appears).

5

Set each item

 Setting is complete.

Other Settings; Reset All

Reset All

Delete all handset system memory files.

■ Reset all deletes all handset system memory files including some preinstalled applications irreversibly. Back up important information before performing Reset all.

1

In application sheet,  (Settings)

2

Other settings

 Other settings opens.

3

Reset all  **Reset all**

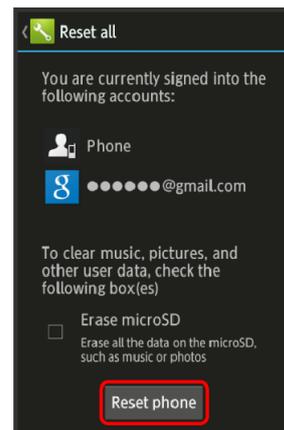
4

Enter Operation Password  **OK**

 Reset all window opens.

5

Read message  **Reset phone**



■ Information of currently signed in account will also be deleted.
 ■ To delete all SD Card files simultaneously, Tap **Erase microSD** (appears).

6

Erase everything

 Reset all starts.

11. Appendix

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Specifications

Handset

Item	Description
Weight	120 g (with Internal Battery) ¹
Internal Battery Capacity	2,080 mAh
Continuous Talk Time ²	PHS: 14 hours ¹ 3G: 13 hours ¹
Continuous Standby Time ³	PHS/3G: 400 hours ¹
Continuous One Seg Reception Time ⁴	9.5 hours ¹
Charging Time ⁵	3.5 hours ¹
Dimensions (W x H x D)	60 mm x 122 mm x 11.9 mm (without protruding parts) ¹
Maximum Output	PHS: 0.01 W 3G: 0.25 W

- 1 Approximate value.
 - 2 Average measured with handset fully charged, in strong signal conditions at rest.
 - 3 Average measured with handset fully charged, without calls or operations, in strong signal conditions at rest, and with Data transmission and Urgent News disabled. May vary with battery strength, ambient temperature, settings, etc.
 - 4 Average measured with handset fully charged, with Sound setting set to Surround and Screen size set to Standard, using headphones with mic, until Battery runs low (10% of capacity).
 - 5 Measured with power off using AC Charger (AC01-MU-K).
- Above times were measured with Eco backlight control disabled, Outdoor view enabled and Brightness set to approximately half of maximum (11 of 21).
 - Above times vary with location, status, settings, etc.
 - Display employs precision technology; however, some pixels may remain on/off.

Customer Service

For handset or service information, contact us at the following phone numbers.

Handset Operations

Sharp Corporation

Customer Assistance Center

 0120-606-512

- May not be accessible from some IP phones.

Business hours: 9:00 AM to 6:00 PM, Monday through Friday
(Excluding national holidays, New Year holidays and other company holidays)

Repairs of Handsets

Sharp Corporation

Communication Systems Group

Mobile Telecommunication Services Business Promotion Center

Repair Service Promotion Dept. Kinki Center 2 (PHS)

 0570-081010

- Flat rate from anywhere in Japan.
- From an IP/PHS phone, dial 06-6794-9708.

Business hours: 9:00 AM to 5:40 PM, Monday through Friday
(Excluding national holidays, New Year holidays and other company holidays)

WILLCOM Services

WILLCOM Service Center

General Information

From a WILLCOM handset, dial at 151 (charges apply)

- "Dare To Demo Teigaku" free call plan applies.

From another carrier's mobile phone, landline, etc., dial at 0570-039-151 (charges apply)

Operators available 9:00 AM to 8:00 PM, 7 days a week

Services

From a WILLCOM handset, dial toll free at 116

From another carrier's mobile phone, landline, etc., dial toll free at 0120-921-156

Automated voice response system available 24 hours a day, 7 days a week

- Charges may apply if operator assistance is required for the service.

12. Safety Precautions

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Safety Precautions

Read Safety Precautions before using handset.
 Observe precautions to avoid injury to self or others, or damage to property.
 We are not liable for any damages resulting from use of this product.

Labels & Symbols

These labels show degree of risk from improper use; learn them before reading on:

Label	Description
 DANGER	Great risk of death or serious injury
 WARNING	Risk of death or serious injury
 CAUTION	Risk of minor injury or damage to property

These symbols signify prohibited/compulsory actions; learn them before reading on:

Symbol	Description
	Prohibited actions
	Disassembly prohibited
	Exposure to liquids prohibited
	Use with wet hands prohibited
	Compulsory actions
	Unplug from outlet

Handset, USIM Card, SD Card & AC Charger (Optional Accessory)

DANGER



Use specified AC Charger only.

Non-specified equipment use may cause Internal Battery to leak, overheat, burst or ignite, and may cause AC Charger to overheat, ignite, malfunction, etc.



Do not disassemble, modify or solder handset or related hardware.

May cause fire, injury, electric shock or malfunction. Internal Battery may leak, overheat, burst, ignite, etc. Modifying handsets is prohibited by the Radio Law and subject to penalty.



Do not expose internal handset parts or AC Charger to liquids.

Do not let exposed internal parts remain wet; do not charge while they are wet. May cause overheating, electric shock, fire, injury or malfunction. Use only as directed.



Do not charge, use, or leave handset or related hardware in extreme heat (fire, heat sources, direct sunlight, inside vehicles, etc.). Do not charge, leave, use, or be carrying handset or related hardware in a warm place or where heat collects, such as under a kotatsu (blanketed warming table) or electric blanket, next to a kairo (worn warming patch), etc.

May cause warping/malfunction; Internal Battery may leak, overheat, ignite or burst. Handset or related hardware may become hot to the touch, leading to burns or other problems.



Do not force AC Charger into handset. Check micro USB plug orientation; retry.

Internal Battery may leak, overheat, burst, ignite, etc.

WARNING



Display uses tempered glass; however, do not subject to impact or apply excessive force.

Display may break, scattering sharp glass pieces. Should Display break, do not touch glass pieces or broken parts directly; may cause injury.



Do not place handset or AC Charger in/on ovens, microwave ovens, pressure cookers, induction stoves or other cooking appliances.

Internal Battery may leak, overheat, burst or ignite. Handset/AC Charger may overheat, emit smoke, ignite, malfunction, etc.



Keep handset off and AC Charger disconnected near gas stations or places with fire/explosion risk.

Handset use near petrochemicals or other flammables may cause fire/explosion; power off before using Osaifu-Keitai® at gas stations; unlock Osaifu-Keitai® before powering off.



Do not drop/throw or subject to strong impact.

Internal Battery may leak, overheat, burst or ignite, resulting in fire, electric shock, malfunction, etc.

Internal Battery

 **Compulsory**
For unusual sound/odor, smoke or other abnormality:
 Continued use may cause fire, electric shock, etc.; grasp plug to disconnect AC Charger, then power off, being careful not to burn or injure yourself.

 **Prohibited**
Keep liquid (water, pet urine, etc.) or conductive material (pencil lead, metal strip/jewelry, etc.) away from External Device Port.
 May cause short-circuiting, resulting in fire, malfunction, etc.

 **Prohibited**
Never charge handset while it is wet.
 May cause fire, malfunction, burns, etc. due to electric shock or short-circuiting.

 **Prohibited**
Do not expose handset or related hardware to hot air from dryers or other sources to dry them or for other purposes. Avoid saunas or hot water.
 Internal Battery may leak, overheat, burst or ignite. Handset/AC Charger may overheat, emit smoke, ignite, malfunction, etc.

 **CAUTION**

 **Prohibited**
Do not place handset or related hardware on unstable surfaces.
 Handset or related hardware may fall, resulting in injury, malfunction, etc.; take added care when Vibration is set or while charging.

 **Compulsory**
Keep handset and related hardware away from infants and pets.
 Infants and pets may choke from swallowing handset or related hardware or be injured, etc.

 **Compulsory**
For use of handset/related hardware by child, explain instructions and supervise use.
 Misuse may cause injury or other problems.

 **DANGER**

Use/dispose of Internal Battery according to battery type.

Symbol on Label	Battery Type
Li-ion00	Lithium-ion

 **Prohibited**
Do not dispose of handset in fire.
 Internal Battery may leak, burst, ignite, etc.

 **Prohibited**
Do not damage (nail, hammer, stomp, etc.) Internal Battery or subject it to strong impact.
 Internal Battery may leak, overheat, burst, ignite, etc.

 **Compulsory**
If battery fluid gets in eyes, do not rub; rinse with clean water and consult a doctor immediately.
 Eyes may be severely damaged.

 **WARNING**

 **Compulsory**
If battery fluid contacts skin or clothes, discontinue handset use and rinse with clean water immediately.
 May cause skin damage.

 **Compulsory**
If charging continues even after specified Charging Time, stop it.
 Internal Battery may leak, overheat, burst, ignite, etc.

 **Compulsory**
For abnormal odor, excessive heat, discoloration or distortion, move handset away from sources of flame, being careful not to burn or injure yourself.
 Continued use may cause Internal Battery to leak, overheat, burst, ignite, etc.

 **Compulsory**
Do not let your pet bite handset; if this occurs, do not use that handset.
 Pet bites may cause Internal Battery to leak, overheat, burst or ignite. May cause handset/related hardware to malfunction, or fire may result.

CAUTION



Do not dispose of handset with ordinary refuse.
 Battery is built into handset; take handset to a WILLCOM Plaza/WILLCOM Counter for appropriate disposal.

Handset

WARNING



Do not use handset while driving or cycling.
 Accidents may result.
 Phone use while driving or cycling is prohibited by law and subject to penalty; park legally beforehand.



Power off near electronic devices that employ high precision control systems or weak signals.
 May cause electronic malfunctions or other problems. Take added care near these devices: Hearing aids, implanted pacemakers/defibrillators and other electronic medical equipment; fire alarms, automatic doors and other automatic control devices.



Power off before boarding aircraft to avoid possible radio wave interference with aircraft operations.
 If mobile phone use is allowed on board, follow airline instructions regarding handset use.



Users with a heart condition should adjust ringtone Vibration and Volume as needed.
 May cause heart damage.



If thunder is audible while outdoors, power off; find cover.
 There is a risk of lightning strike or electric shock.



Do not look into Infrared Port during Infrared transmissions.
 Eyesight may be affected.



Do not shine Mobile Light in eyes.
 May temporarily affect eyesight or startle, leading to accidents.

CAUTION



Do not use handset when it may affect a vehicle's electronic equipment.
 Handset use inside vehicles may cause electronic equipment to malfunction, resulting in accidents.



For any skin irritation associated with use, discontinue use and consult a doctor.
 Metal and other materials may cause skin irritation, rashes, or itchiness depending on your physical condition.



Keep handset away from magnetic items (e.g., magnetic cards).
 Data on bank cards, credit cards, telephone cards, floppy disks, etc. may be lost.



Do not swing handset by Strap.
 May harm self or others; Strap may break, resulting in injury or handset malfunction/breakage.



Handset may become hot while in use, especially in high temperatures.
 Prolonged contact with skin may cause burns.



Always maintain some distance from Speaker while ringtones, music or other handset sounds play.
 Excessive volume may damage ears or hearing.



Watch One Seg from a distance in good light.
 Watching in poor light or too close may affect eyesight.



Moderate handset Volume when using headphones.
 Excessive volume may damage ears or hearing.

AC Charger (Optional Accessory)

WARNING



Do not cover/wrap AC Charger while charging.
 AC Charger may overheat, resulting in fire, malfunction, etc.



Prohibited

Use only the specified voltage.

Non-specified voltages may cause fire, malfunction, etc.

- AC Charger: AC 100 V - 240 V Input

Do not use power adapters. Transformer use may cause fire, electric shock or malfunction.



Disconnect Power Source

Unplug AC Charger for periods of disuse; grasp plug to disconnect.

May cause electric shock, fire or malfunction.



Disconnect Power Source

If liquid (water, pet urine, etc.) gets inside, grasp plug to disconnect it immediately.

May cause electric shock, smoke or fire.



Compulsory

To remove debris, grasp plug to disconnect AC Charger, then clean with a dry cloth.

Fire may result.



Compulsory

Plug AC Charger firmly into the outlet, keeping the plug and terminals away from conductive material (pencil lead, metal strip/jewelry, etc.).

May cause electric shock, short-circuiting, fire, etc.



Do Not Use Wet Hands

Do not touch plug with wet hands.

May cause electric shock, malfunction, etc.



Prohibited

Do not touch AC Charger if thunder is audible.

May cause electric shock or other problems.



Prohibited

Do not use AC Charger in high humidity or near water (in bathrooms, shower rooms, etc.).

May cause fire, electric shock or malfunction.

CAUTION



Disconnect Power Source

Grasp plug to disconnect AC Charger before cleaning.

May cause electric shock or other problems.



Compulsory

Always grasp plug (not cable) to disconnect AC Charger.

Pulling plug by cable may damage cable and cause electric shock, fire, etc.



Prohibited

Do not subject AC Charger to strong impact while it is plugged in.

May cause malfunction or injury.

Handset Use & Electronic Medical Equipment

This section is based on "Guidelines on the Use of Radio Communications Equipment such as Cellular Telephones and Safeguards for Electronic Medical Equipment"

(Electromagnetic Compatibility Conference, April 1997) and "Guidelines to safeguard implanted medical devices against radio emissions from the use of radio equipment" (Ministry of Internal Affairs and Communications, January 2013).

WARNING



Compulsory

Persons with implanted pacemaker/defibrillator should keep handset more than 15 cm away.

Radio waves may interfere with implanted pacemakers or defibrillators.



Compulsory

Before using electronic medical equipment other than implanted pacemaker/defibrillator outside medical facilities, consult the vendor on radio wave effects.

Radio waves may interfere with electronic medical equipment.



Compulsory

Observe these rules inside medical facilities to avoid effects of radio waves on electronic medical equipment:

- Do not enter an operating room or an Intensive or Coronary Care Unit while carrying a handset.
- Keep handset off in hospitals.
- Even in lobbies or other places where mobile phone use is permitted, keep handset off near electronic medical equipment.
- Obey medical facility rules on mobile phone use.



Compulsory

If it may not be possible to keep handset 15 cm away from other persons (e.g., in a crowded situation where you cannot move freely), suspend signal-transmitting functions (e.g., by activating Airplane mode) or power off beforehand. If an application that automatically powers handset on is installed, disable that feature before powering off. Persons with implanted pacemaker/defibrillator may be near.

Radio waves may interfere with implanted pacemakers or defibrillators causing such devices to malfunction.

Important Product Information

General Use

- If your USIM Card or handset (with USIM Card inserted) is lost or stolen, suspend your service immediately. For details, contact [WILLCOM Service Center](#).
- We are not liable for any damages resulting from accidental loss/alteration of handset/SD Card files or settings. Keep a separate copy of contacts and other important information.
- Handset transmissions/One Seg reception may be disrupted inside buildings, tunnels or underground, or when moving into/out of such places; may affect calls or One Seg images/video streams.
- Use handset without disturbing others.
- Handsets are radios as stipulated by the Radio Law. Under the Radio Law, handsets must be submitted for inspection upon request.
- Handset use near landlines, TVs or radios may cause interference.
- Beware of eavesdropping.
Because this service is completely digital, the possibility of signal interception is greatly reduced. However, some transmissions may be overheard.
Eavesdropping
Deliberate/accidental interception of communications constitutes eavesdropping.
- Beware of harmful/malicious websites. Take added care when posting personal information.
- An export license may be required to carry handset into other countries if it is to be used by or transferred to another person. However, no such license is required when taking handset abroad for personal use on a vacation or business trip and then bringing it back. Export control regulations in the United States provide that an export license granted by the US government is required to carry handset into Cuba, Iran, North Korea, Sudan or Syria.

Heat from Handset Use

- Handset internal temperature may increase depending on usage or environment, causing housing to heat up. (Handset may stop charging or Display brightness may be adjusted for safety.) After a period of handset use under such conditions, warning appears and handset shuts down after approximately 3 minutes. To lower internal temperature and prevent automatic shutdown, exit all applications and activate Screen lock.
- After a period of Camera use at high internal temperature, warning appears and handset automatically shuts down. (Shot image is saved.)

Handset & Hardware Care

- If handset is left uncharged, data may be altered/lost. We are not liable for any resulting damages.
- Use handset within 5°C - 35°C (up to 40°C for brief periods in bathrooms, shower rooms, etc.) and 35% - 90% humidity.
- Avoid extreme temperature or direct sunlight.
- Handset/Internal Battery may become warm during operation or while charging. This is normal.
- Warranty does not cover malfunctions resulting from misuse.
- Exposing Camera area to direct sunlight may damage Color Filter and affect image color.
- Handset may not charge properly if Port is obstructed by dust, debris, etc. Clean with a dry cloth, cotton swab, etc.
- Clean handset with a soft dry cloth. Alcohol/solvent use may fade color/print.
- Avoid scratching Display.
- Avoid heavy objects or excessive pressure. May cause malfunction or injury.
 - Do not sit on handset in back pants pocket.
 - Do not place heavy objects on handset inside handbags, packs, etc.
- Handset back cover is not removable. Do not try to remove it; may cause damage or malfunction, or affect water resistance.
- Connect only specified products to Port. Other devices may malfunction or cause damage.
- Do not power off while using SD Card; may result in data loss or malfunction.
- When walking outside, moderate handset Volume to avoid accidents.
- Avoid covering Speaker while using handset.

Forcing Power Off

If handset has stopped processing or won't respond to operation, Press  for at least 11 seconds and release finger. Wait a few seconds and Long Press ; handset powers on.

Touchscreen

- Touchscreen may not respond in these situations:
 - Use with gloves/long fingernails
 - Use of pens, pencils or sharp objects
 - Use with objects on/against Display
- To prevent malfunctions, do not:
 - Touch Display with wet fingers
 - Use if Display is wet
 - Subject Display to force/pressure
 - Place labels or stickers over Display
- If Display is wet, wipe it with a soft cloth.
- To improve response, calibrate Touchscreen as follows.
 In application sheet,  (Settings)  Device info  Adjust touch panel  Follow onscreen prompts
- In the following cases, Press  to activate Screen lock, then Press  again to cancel it.
 - Handset operates automatically without touch input
 - Handset does not respond to touch input

Camera

- Mind etiquette when using Camera.
- Test Camera before shooting special moments.
- Do not use Camera in places where shooting is prohibited.
- Shot images may not be used/transferred without copyright holder (photographer) permission, except for personal use.

Wi-Fi (Wireless LAN)

Wireless LAN (hereafter "Wi-Fi") uses radio waves to enable communication between compatible devices within range. However, it is advisable for the user to configure security settings to avoid risk of data interception.

- Do not use Wi-Fi near electrical appliances, audiovisual equipment or office automation equipment; may affect Wi-Fi transmission speed, availability, clarity, etc. (Especially when a microwave oven is in use.)
- If there are multiple access points nearby, handset may not detect access points correctly.

■Precautions

The frequency band utilized by handset Wi-Fi is shared with industrial, scientific or medical equipment, including household microwave ovens, and used by radio stations, amateur radio stations, etc. (hereafter "other radio stations").

1. Before using Wi-Fi, visually check that no other radio stations sharing the same frequency band are in use nearby.
2. Should interference occur between handset and other radio stations, move it to a different location or disable Wi-Fi immediately.
3. For additional information and support, contact [WILLCOM Service Center](#).

Frequency Band

This radio station utilizes 2.4 GHz band with DSSS-OFDM modulation. Maximum transmission radius is 40 meters. To view related information (Japanese), follow these steps. In application sheet,  (Settings)  Device info  Authentication



■Simultaneous Use with Bluetooth®

Wi-Fi (IEEE 802.11b/g/n) and Bluetooth® transmit on the 2.4 GHz band. Enabling handset Bluetooth® or using Bluetooth® devices near handset may affect Wi-Fi transmission speed, availability and clarity. Should interference occur, cancel handset Bluetooth® or discontinue Bluetooth® device use.

- Handset supports Wi-Fi channels 1 - 13. Handset does not connect to access points set to other channels.
- Available channels vary by country.
- For use of Wi-Fi aboard aircraft, check with airline beforehand.

Bluetooth® Function

We are not liable for any damages resulting from data/information leakage due to use of handset Bluetooth® function.

■Precautions

The frequency band utilized by handset Bluetooth® function is shared with industrial, scientific or medical equipment, including household microwave ovens, and used by radio stations, amateur radio stations, etc. (hereafter "other radio stations").

1. Before using Bluetooth®, visually check that no other radio stations sharing the same frequency band are in use nearby.
2. Should interference occur between handset and other radio stations, move it to a different location or cancel Bluetooth® function immediately.
3. For additional information and support, contact [WILLCOM Service Center](#).

Frequency Band

This radio station utilizes 2.4 GHz band with FHSS modulation. Maximum transmission radius is 10 meters. It is not possible for the radio station to avoid using the frequency band of a mobile unit identification apparatus. To view related information (Japanese), follow these steps. In application sheet,  (Settings)  Device info  Authentication

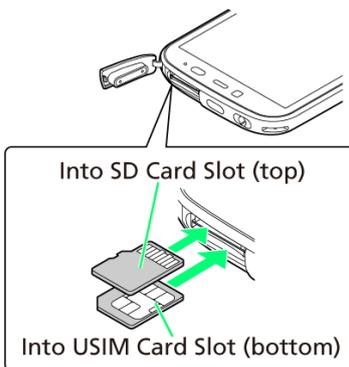


Urgent News (Application)

- Handset receives alerts by default (Urgent News Incoming Setting is enabled).
- Alert tones sound even in Manner mode.
- Alerts are not received during calls/transmissions over 3G network, or in poor signal conditions.
- Depending on usage/situation, handset may receive alerts for other areas or no alerts.
- Standby Time may decrease when Urgent News Incoming Setting is enabled.
- We cannot be held liable for any damages associated with this service, including accidents resulting from received information, reception timing or reception failure.

SD Card Slot

SD Card Slot is located above USIM Card Slot. Do not insert SD Card into USIM Card Slot; insert it in correct orientation (see below).



Saving Battery Power

In application sheet, **Settings** → **Energy saving** → **Energy saving settings** → (Confirmation appears) → **Waza.** or **Emerg.** → (Confirmation appears)

■ Notes

- If confirmation appears, follow onscreen prompts.
- For Waza. and Emerg., some functions/settings are limited or disabled. Emerg. minimizes Brightness and disables Wi-Fi, GPS and some other transmissions.
- Some applications that establish periodic network connections do not start communication after switching back to Norm. from Waza. or Emerg. In this case, power off, then power back on.
- Tap **Edit** or **Check** to change/check settings. (Emerg. settings are fixed and cannot be changed.)
- Energy saving standby disables some applications that run in the background when Screen lock is active. (Some applications may not run properly when Screen lock is active.) In Waza. mode, specify applications to enable/disable as follows.
Edit for Waza. → ? for Energy saving standby → **OK** → **Block** or **Run** for target application

General Notes

Portrait Rights

Portrait rights protect individuals' right to refuse to be photographed or to refuse unauthorized publication/use of their photographs. Portrait rights consist of the right to privacy, which is applicable to all persons, and the right to publicity, which protects the interests of celebrities. Therefore, photographing others including celebrities and publicizing/distributing their photographs without permission is illegal; use Camera responsibly.

Copyrights

Copyright laws protect sounds, images, computer programs, databases, other materials and copyright holders. Duplicated material is limited to private use only. Use of materials beyond this limit or without copyright holder permission may constitute copyright infringement, and be subject to criminal punishment. Comply with copyright laws when using images shot with Camera.

The software contained in handset is copyrighted material; copyright, moral right and other related rights are protected by copyright laws. Do not copy, modify, alter, disassemble, decompile or reverse-engineer the software; do not separate it from hardware in whole or part.

Open Source Software

- Handset contains software based on GNU General Public License (GPL), GNU Lesser General Public License (LGPL), and other licenses. To check details of relevant software licenses, follow these steps. In application sheet, **Settings** → **Device info** → **Legal information** → **Open source licenses**
- The source code of software based on GPL, LGPL, and Mozilla Public License (MPL) is provided on the following website free of charge.
<https://sh-dev.sharp.co.jp/android/modules/oss/> (Japanese)

Electromagnetic Safety in Europe

For body-worn operation, this mobile phone has been tested and meets RF exposure guidelines when used with an accessory containing no metal and positioning the handset a minimum 15 mm from the body. Use of other accessories may not ensure compliance with RF exposure guidelines.

CE Declaration of Conformity

Hereby, Sharp Telecommunications of Europe Ltd, declares that WX04SH is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

A copy of the original declaration of conformity for each model can be found at the following Internet address:

<http://www.sharp.co.jp/k-tai/>

CE 0168

Battery Cautions

Use specified AC Charger only.

Non-specified equipment use may cause Internal Battery to leak, overheat, burst or ignite, and may cause AC Charger to overheat, ignite, malfunction, etc.

Battery is built into handset. Do not dispose of handset with ordinary refuse; take it to a WILLCOM Plaza/WILLCOM Counter for appropriate disposal.

Charge handset in ambient temperature 5°C - 35°C; Internal Battery may leak/overheat and performance may deteriorate outside this range.

European RF Exposure Information

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg and the highest SAR value for this device when tested at the ear was 0.528 W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this User Guide**. In this case, the highest tested SAR value is 0.275 W/kg***. As SAR is measured utilizing the device's highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a hands-free device to keep the mobile phone away from the head and body.

*The tests are carried out in accordance with international guidelines for testing.

**Please see "[Electromagnetic Safety in Europe](#)" for important notes regarding body-worn operation.

***A method of measuring SAR when a mobile phone is used at positions other than at the ear was established in March 2010 through an international standard (IEC62209-2). MIC technical regulation was reported in October 2011 by the Information and Communications Council.

World Health Organization

<http://www.who.int/emf>

Headphone Signal Level

The maximum output voltage for Music Player function, measured in accordance with EN 50332-2, is 12.0 mV.

FCC Notice

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

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

FCC Information to User

This equipment has been tested and found to comply with the limits of 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:

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

FCC RF Exposure Information

Your handset is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The guidelines are based on standards that were developed by independent scientific organization through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. The tests are performed in positions and locations (e.g. worn on the body) as required by the FCC for each model.

The highest SAR value for this model handset as reported to the FCC when worn on the body in a holder or carry case, is < 0.10 W/kg.

Body-worn Operation; This device was tested for typical body-worn operations with the back of the handset kept 15 mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 15 mm separation distance between the user's body and the back of the handset. The use of beltclips, holsters and similar accessories should not contain metallic components in its assembly.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/ea/> after searching on FCC ID APYHRO00195.

Additional information on Specific Absorption Rates (SAR) can be found on the FCC website at <http://transition.fcc.gov/oet/rfsafety/>.

RF Exposure Information/Specific Absorption Rate (SAR) Information

RF Exposure Information/Specific Absorption Rate* (SAR) Information

WX04SH meets the MIC's**** technical regulation for exposure to radio waves.

The technical regulation* established permitted levels of radio frequency energy, based on standards developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The regulation employs a unit of measurement known as the Specific Absorption Rate, or SAR.

The SAR limit is 2 watts/kilogram (W/kg)** averaged over ten grams of tissue.

The limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The value of the limit is equal to the international guidelines recommended by ICNIRP*****.

The highest SAR values for WX04SH are 0.036 W/kg (over PHS network) and 0.357 W/kg (over 3G network) when tested for use at the ear.

While there may be differences between the SAR levels of various phones and at various positions, all phones meet MIC's technical regulation.

Although the SAR is determined at the highest certified power level, the actual SAR of handset during operation can be well below the maximum value.

Use at positions other than at the ear

Handset may be used at positions other than at the ear. By using an accessory such as a belt clip holster that maintains a 1.5 cm separation with no metal (parts) between the body and handset, handset will comply with international guidelines for radio wave protection (***).

The World Health Organization has announced 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."

For more information about SAR, see the following websites:

- Ministry of Internal Affairs and Communications (MIC)
<http://www.tele.soumu.go.jp/e/sys/ele/body/index.htm>
- Association of Radio Industries and Businesses (ARIB)
<http://www.arib-emf.org/index02.html> (Japanese)

*The technical regulation is provided in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.

**Provided for in "Radio-radiation protection guidelines," reported in 1997 by the Telecommunications Technology Council, Ministry of Posts and Telecommunications.

***A method of measuring SAR when a mobile phone is used at positions other than at the ear was established in March 2010 through an international standard (IEC62209-2). MIC technical regulation was reported in October 2011 by the Information and Communications Council.

****Ministry of Internal Affairs and Communications

*****International Commission on Non-Ionizing Radiation Protection

Standards of the Federal Communications Commission (FCC) of the U.S. Government and information from the E.U. are given as information relating to RF exposure. For details, see "[FCC RF Exposure Information](#)" and "[European RF Exposure Information](#)."

Water Resistance

Handset Water Resistance

Handset complies with IPX5 (former JIS protection level 5)¹ and IPX7 (former JIS protection level 7)² water protection standards, with Card Slot Cover closed firmly. (Handset is not dust proof.)

¹IPX5 compliant means that a handset continues to function as a phone after being subjected to a water jet (approximately 12.5 liters/min.) discharged from a nozzle (inner diameter: 6.3 mm), from all directions (approximately 3 m from handset) for at least 3 minutes.

²IPX7 compliant means that a handset continues to function as a phone after being gently submerged to the depth of 1 m in still tap water at room temperature, left there for approximately 30 minutes, then removed from it.

- Water resistance may be affected under some circumstances. Warranty does not cover malfunctions resulting from misuse.
 - Handset is compliant with IPX5 and IPX7 water protection standards. However, ingress of beverage, sea water, etc. may cause malfunction.
- **Handset Care**
- Close Card Slot Cover firmly. Debris (hair, sand, fibers, etc.) trapped between gasket and base may allow ingress of liquid.
 - If handset is exposed to liquids with Card Slot Cover open, they may enter handset and cause electric shock or malfunction. Discontinue use and power off.
 - If handset is wet, wipe it with a dry cloth.
 - Never open/close Card Slot Cover with wet hands or while handset is wet.
 - Do not use Headphone Port or External Device Port while it is wet or obstructed by sand/dirt; water resistance may be affected, or malfunction, burns or fire may result due to electric shock, short-circuiting, etc.
 - Handset is only water resistant against fresh/tap water between 5°C - 35°C.

Precautions

- Do not subject handset to soap, detergent, bath powder/oil, sea/pool/spa water, hot water, etc.
- Rinse off sea/pool water, beverage, dirt, sand, mud, etc. immediately with fresh/tap water between 5°C - 35°C; residue may cause malfunction if allowed to dry.
- Rinse off sand, dirt, etc. completely before use; any residue may damage handset causing malfunction.
- Do not soak handset in bath or pool; never use it in water (including key operation).
- Handset is not resistant to water pressure. Avoid high-pressure water/shower (over 6 liters/min.) or water immersion.
- Do not expose handset to high humidity for long periods; avoid prolonged use in bath/shower rooms.
- Do not use in saunas. Avoid hot air from dryers or other sources.
- Use handset within 5°C - 35°C (up to 40°C for brief periods in bathrooms, shower rooms, etc.) and 35% - 90% humidity.
- Avoid extreme temperature (near stoves, inside refrigerators, etc.).
- Volume may be low when Mic, Earpiece or Speaker is wet; dry handset before use (see "[Drying Handset](#)").
- AC Charger (optional accessory) is not water proof. Do not use in high humidity or near water (outdoors, in bathrooms, shower rooms, etc.); may cause fire, electric shock or malfunction.
- Do not subject handset to strong impact; do not poke Mic, Earpiece, Speaker, etc. with a sharp object; water resistance may be affected.
- Avoid placing handset directly on sand. Sand may penetrate Earpiece, Speaker, etc., resulting in low volume.
- Touchscreen may not respond properly if wet or touched with wet fingers.
- Do not move handset directly from a cold place to a warm humid place; condensation may occur. Should this happen, dry handset naturally at room temperature.
- Handset does not float on water.
- Keep handset out of heavy rain.
- Do not let liquid-exposed handset remain wet; exposure to cold may freeze liquid causing malfunction.
- Damaged Card Slot Cover affects water resistance; contact [WILLCOM Service Center](#) or [Sharp Corporation Mobile Telecommunication Services Business Promotion Center](#).

Charging Cautions

- Never charge handset while it is wet; may cause fire, malfunction or burns due to electric shock or short circuiting. Be sure to dry it before use.
- Do not touch AC Charger with wet hands. Electric shock may occur.
- Do not use AC Charger in rooms where water is regularly in use (kitchens, bathrooms, shower rooms, etc.); may cause fire or electric shock.
- If External Device Port is exposed to liquid, never charge handset; dry handset first (see "[Drying Handset](#)").

Care & Maintenance

- Proper care of Card Slot Cover gasket is crucial for continued handset water resistance. Observe the following:
 - Do not remove or damage gasket. Keep it clean.
 - Do not insert a sharp object into Card Slot Cover gap; may damage gasket and allow ingress of water.
 - If Card Slot Cover gasket is damaged or deformed, contact [WILLCOM Service Center](#) or [Sharp Corporation Mobile Telecommunication Services Business Promotion Center](#) for gasket replacement.
- To maintain water resistance, it is recommended to replace Card Slot Cover every 2 years regardless of its condition. Customer-requested Card Slot Cover replacement incurs fees and requires handset submission. For details, contact "[Customer Service](#)" or a WILLCOM Plaza/WILLCOM Counter.

Washing Handset

Wipe off dirt, sand, beverage, etc., gently with a cloth. Then hold handset approximately 10 cm below faucet or shower head and wash with low-pressure tap water (6 liters/min. or lower) at room temperature (5°C - 35°C). Wash with your hands, taking care not to open Card Slot Cover; do not use a brush or sponge. Dry handset before use; after drying it well, power on.

- Before washing handset, make sure that Card Slot Cover is closed firmly.
- Do not use a washing machine or ultrasonic cleaner.
- Headphone Port and External Device Port tend to accumulate dust, sand, etc.; rinse and dry them completely before use. Any residue may cause malfunction, burns or fire.
- Do not put a cotton swab, cloth, etc. into Headphone Port or External Device Port; water resistance may be affected causing malfunction.
- Do not place handset in a microwave oven to dry it. Internal Battery may leak, overheat, burst or ignite. Handset may overheat, emit smoke or ignite, causing damage to circuit components.
- Do not dry handset using extreme heat (hot air from dryers or other sources); may cause warping, discoloration, damage, etc.

Drying Handset

After exposing handset to water, be sure to dry these parts:

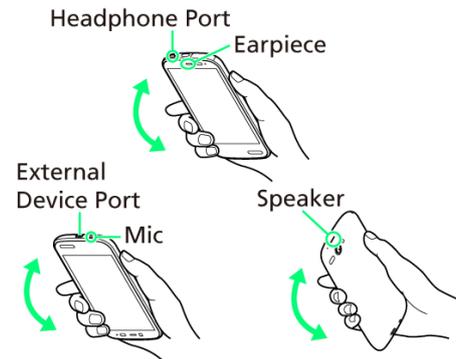
- Headphone Port, Earpiece, External Device Port, Mic, Speaker

1

Wipe handset surface with dry cloth

2

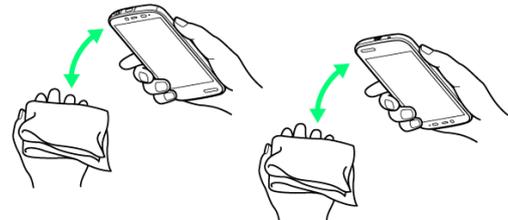
Holding handset firmly by its sides, shake it about 20 times



- When shaking handset, hold it firmly so as not to drop it.

3

Pat against dry cloth to remove moisture from grooves



4

Leave handset on dry cloth for approximately 2 - 3 hours at room temperature

Cautions

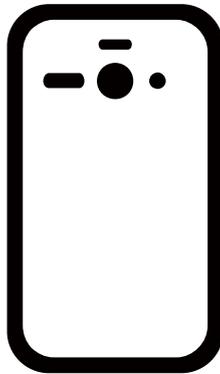
When Removing Moisture

Do not put a cotton swab, cloth, etc. into openings.

After Drying Procedure

Do not use handset in wet conditions.

- Voice quality may be affected, or moisture may transfer to clothes, bag, etc.
- Moisture may short-circuit Headphone Port, External Device Port or other parts.
- Exposure to cold may freeze moisture and cause malfunction.



AQUOS PHONE es

WX04SH

Online Manual

September 2013, First Edition
Sharp Corporation