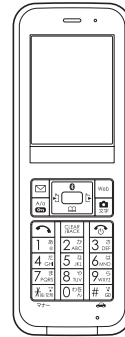


Thank you for purchasing WX03SH.
Read this guide thoroughly beforehand for proper usage.
Read Safety Precautions (P.13-1 - P.13-8) before using handset.

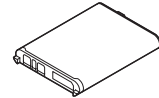
Before You Begin

- We are not liable for any damages resulting from use of this product.
- Saved files and data may be lost/alterd due to misuse or malfunction of handset, after exposing handset to static electricity or electrical noise, or during handset repair.
- Keep separate copies of important files and data.
- This product and the information in this guide are subject to change without prior notice.
- Unless noted otherwise, descriptions are based on default settings in Standby. Operations and results may differ by handset status.
- Sample screenshots are provided for reference only; actual handset windows, menus, etc. may differ in appearance.

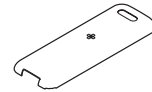
Package Contents



Handset (WX03SH)



Battery (XN-BTWP03)



Battery Cover

Japanese User Guide
(including warranty
information)

- If any item is missing from the package, please contact your dealer.
- AC Charger is not included in the package; purchase **WILLCOM AC Charger 01 (AC01-MU-K)** separately.

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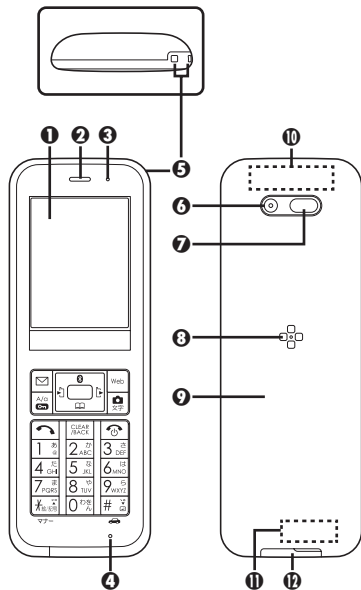
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Parts & Functions



- ❶ Display
- ❷ Earpiece
- ❸ Notification Lamp
- ❹ Mic
- ❺ Strap Eyelet
- ❻ Camera (Lens Cover)
- ❼ Infrared Port
- ❽ Speaker
- ❾ Battery Cover
- ❿ Main Internal Antenna Area
- ⓫ Sub Internal Antenna Area
- ⓬ External Device Port (with Port Cover)

Port Cover

- Close Port Cover after External Device Port use.

Strap Eyelet

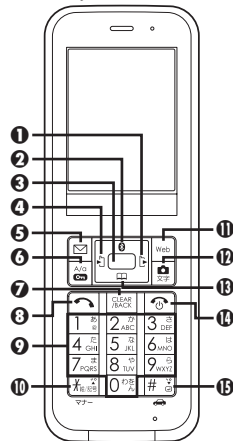
- Avoid metal Straps; may affect signal reception.

Internal Antenna Areas

- Do not cover or place stickers/labels over Internal Antenna areas.

Handset Keys

- Keys are indicated in this guide as shown in parentheses.
- Change assigned functions indicated * with Set Key Shortcut.



Parts & Functions

1 Outgoing History Key (☎)

Open Call Log (Dialed).

2 Bluetooth Key (📶)

Open Bluetooth menu. Long Press to reconnect paired devices*.

3 Center Key (⬇)

Open Main Menu.

4 Incoming History Key (☎)

Open Call Log (Received). Long Press to open profile (My Details)*.

5 Mail Key (✉)

Open Messaging menu. Long Press to open E-mail composition window*.

6 Lock & A/a Key (🔒)

Open Speed Dial/Mail. Long Press to activate/cancel Keypad Lock.

7 Clear/Back Key (⌫)

Play Answer Phone messages. Long Press to activate/cancel Answer Phone.

8 Start Key (📍)

Open dial window. Long Press to send location information.

9 Dialpad (0-9, *, #)

Enter numbers. Long Press to open Phone Book.

10 X Key (✕)

Enter ✕ and P. Long Press to activate/cancel Manner mode.

11 Web Key (🌐)

Open Browser menu. Long Press to activate Browser (access home page)*.

12 Camera & Text Key (📷)

Activate Camera. Long Press to open Camera menu.

13 Phone Book Key (📞)

Open Phone Book. Long Press to open contact entry window*.

14 Power Key (🔌)

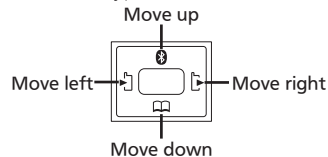
Show/hide Softkeys; out of Standby, cancel operations. Long Press to power off.

15 # Key (#)

Enter #. Long Press to active/cancel Drive mode.

Multi Selector

📶, 🌐, 📷, and ⌫ can also be used to select menu items, word/phrase (for text entry), etc.



- In this guide, some Multi Selector operations are indicated as follows.

⬇	Press 📶 or 🌐
⬅ ➡	Press 📷 or ⌫
⬆ ⬅ ➡ ⬇	Press 📶, 🌐, 📷, or ⌫

■ Toggling View

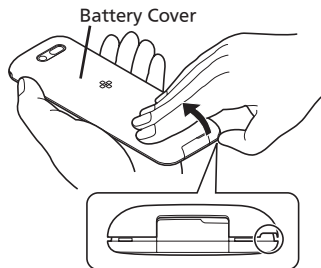
When a menu/list extends off Display, press # or ✕ for hidden items.

Inserting & Removing Battery

If Battery is not inserted into handset, insert it as follows.

1

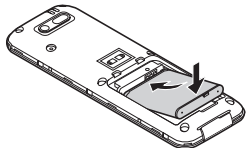
Remove Battery Cover



- Use notch to lift Battery Cover. Push up Battery Cover along edges to remove it.

2

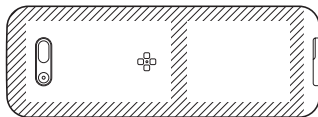
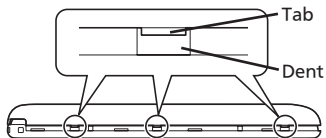
Insert Battery



- With logo side facing up, align Battery terminals with contacts.

3

Replace Battery Cover



- Align dents on both sides of handset with Battery Cover tabs, then press down shaded areas of Battery Cover.

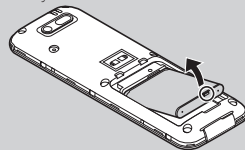
4

Confirm Battery Cover is closed properly

- If there is a gap between handset and Battery Cover, firmly press down Battery Cover.
- If Battery Cover is not closed properly, debris may get caught between gasket and base, allowing ingress of liquid/dust.

Removing Battery

- Power off, remove Battery Cover, then lift Battery as shown.



Battery Cover Cautions

- Do not apply excessive force to Battery Cover; damage may result.
- To maintain water/dust resistance, close Battery Cover properly.
- If Battery Cover is damaged, replace it with a new one. Use of damaged Battery Cover may cause electric shock, battery corrosion, etc. due to water seepage.

Inserting & Removing Battery

■ About Battery

- Charge Battery at least once every 6 months; uncharged Battery may die or affect files/settings.
- Depending on usage, bulges may appear near end of battery life; this does not affect safety.
- Replace Battery if operating time shortens noticeably.
- Clean Battery terminals and charging terminals with a dry cotton swab or the like.
- Battery is not water or dust proof.

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 symbol to the right.
- To avoid fire or electric shock, do not short-circuit or disassemble Battery.



Li-ion00

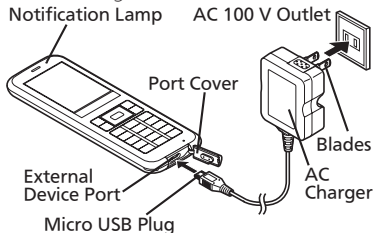


モバイルリサイクルネットワーク
MOBILE RECYCLING NETWORK

Charging Battery

AC Charger is not included in the package; purchase **WILLCOM AC Charger 01 (AC01-MU-K)** separately.

- AC Charger is not water or dust proof. Do not charge Battery while handset is wet.
- Battery can also be charged by connecting handset to a PC.



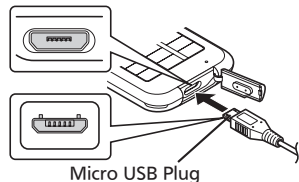
AC Charger Cautions

- Handset/AC Charger may become warm while charging.
- Retract blades after charging. Do not pull, bend or twist cable.
- Do not use commercial chargers that allow headphone use while charging; may cause malfunction.

- 1** Open Port Cover as shown

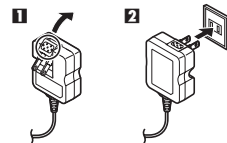


- 2** Insert Micro USB plug of AC Charger into External Device Port



- 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.

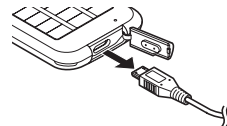
- 3** Extend blades and plug AC Charger into AC outlet



- Notification Lamp illuminates red while charging, and goes out when charge is full.

- 4** Unplug AC Charger and retract blades

- 5** Remove Micro USB plug from handset



- 6** Close Port Cover firmly

- Otherwise, debris may get caught between gasket and base, allowing ingress of liquid/dust.

Power On/Off

1 (Long Press)

2 After a while...




- Standby appears.

Powering Off



(Long Press)

- After Power Off Graphics, handset shuts down.

■ Display Saving

Display goes completely dark after Display Saving time elapses. Press any key (except  during a call) to turn on Display again.

Backlight



- Backlight turns off after Time Out period elapses. Press  -  to turn it back on (key press may affect active function).
- Display goes completely dark during a call. (Backlight does not turn off first.)

Activating Keypad Lock

Prevent accidental operation such as when carrying handset in a bag or pocket.

1 (Long Press)

When Keypad Lock is Active

- Press  to answer calls; Keypad Lock reactivates after the call.
-  does not power handset off.

Canceling Keypad Lock

(Long Press)

- When Display is turned off, press any key to turn it back on, then cancel Keypad Lock.

Switching Interface Language to English

1

□ → 設定 → □ → □ 音・表示

2

Language → □

3

English → □

Switching Back to Japanese

□ → Settings → □ → □ Sound/Display

→ 言語選択 → □ → 日本語 → □

Display & Indicators

Standby

Most operations start from Standby. Indicators appear at the top of Display.

- For more about indicators, see P.1-9.



Information Window

Opens at the bottom for missed calls, new mail, etc.



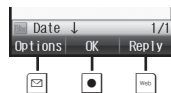
- Information label (e.g., **Message**) and count appear. Select an item and press to open it.

Opening Unread Information



Softkeys

Functions/operations assigned to , , and appear at the bottom of Display.



Submenus



- When **Options** appears, press corresponding key to open submenu for related functions/settings.

Display & Indicators

Display Indicators





Basic Status








 Signal Strength*
 Battery Strength

* More bars indicate stronger signal.














Function Status

 Incoming Call
 Call in Progress
 Java™ Application Active
 Java™ Application Paused












Notifications

 Unread Mail
 Unreceived Mail
 Answer Phone On & Message Recorded
 Answer Phone Canceled & Message Recorded
 Software Update Result

Settings

 Offline Mode
 Answer Phone On
 Calendar/Task (Alarm Set)
 Calendar/Task (Alarm Unset)
 Alarm Set
 Manner Mode
 Drive Mode
 Original Mode
 Ringtone (Silent)
 Vibration Active
 Function Lock (Once) Active
 Keypad Lock Active
 Transmission of Location Information Active

Transmissions

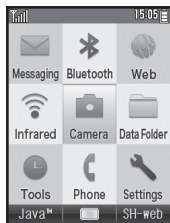
 SSL Browsing
 Packet Transmission Active
 Receiving Mail
 Updating Software
 Micro USB Cable Connected
 USB Transmission Active
 Infrared Transmission Active
 Infrared File Transfer
 Bluetooth Active
 Bluetooth Transmission Active
 Bluetooth Talk Active

Indicators in Standby

- Sizes and shapes of some indicators vary in Standby.

Accessing Functions from Main Menu

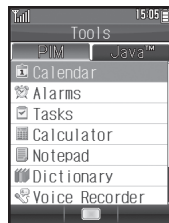
1





- Main Menu opens.


2

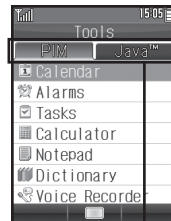
Select menu item →



- Menu/window opens.
- If submenu opens, use  to select an item and press .


■ Tabs

Menus/lists in a single window appear on separate tabs; use  to toggle tabs.




Tabs

Reverse Navigation

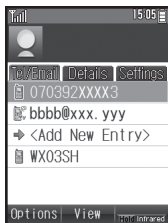
- Press . If confirmation appears, follow onscreen prompts.

Returning to Standby

- Press . If confirmation appears, follow onscreen prompts.

Handset Phone Number

1 (Long Press)

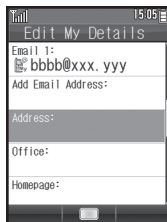


- Handset phone number appears. (My Details opens.)

Editing Profile



1 In My Details, **Details**

2 Select item



3 Select item **Edit**

Sending Profile via Infrared Transmission

In My Details,  (Long Press) 

- For more about Infrared transmission, see P.9-4.

Mobile Manners

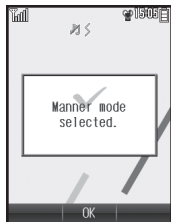
Please use your handset responsibly. Take care not to disturb others when using handset.

- Power off in theaters, museums and other places where silence is the norm.
- Refrain from use in restaurants, hotel lobbies, elevators, etc.
- Observe signs and instructions regarding handset use aboard trains, buses, etc.
- Refrain from use that interrupts the flow of pedestrian or vehicle traffic.

Manner Mode

Mute most handset function sounds.

- 1  (Long Press)




- Manner mode activates.

When Manner Mode is Active

- Ringtones and other sounds are muted.
- Handset vibrates for incoming transmissions, etc.
- Camera shutter sound still plays at fixed volume.

Canceling Manner Mode

- 1  (Long Press)

Drive Mode


Disable ringtones and Vibration for incoming transmissions. The caller will be notified that you are driving and cannot answer.

- 1  (Long Press)



- Drive mode activates.

Canceling Drive Mode

- 1  (Long Press)

Offline Mode

Suspend signal transmission and reception.

- Handset will be unable to place/receive calls, send/receive messages, access the Internet, etc.

- 1  → **Settings** → 
→  **Network**

- 2 **Offline Mode** → 

- 3 **On** → 
• Offline Mode activates.

Canceling Offline Mode

- After 2, **Off** → 

Security Codes

These codes are required for handset use.

Handset Code	9999 by default; use or change some functions.
Administrator Code	9999 by default; required for Reset Settings and Reset All.

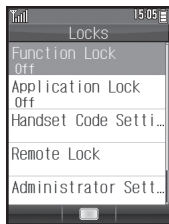
- Do not forget Security Codes.
- Do not reveal Security Codes. We are not liable for misuse or damages.

Incorrect Code Entry

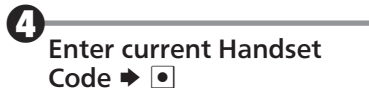
- Message appears for incorrect code entries; retry.

Changing Handset Code

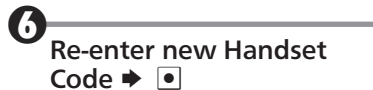
Enter 4 to 8 digits.



- Locks menu opens.



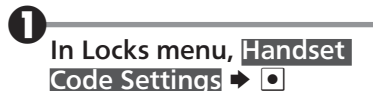
- Handset Code is 9999 by default.



Need/UnNeed Setting

For enhanced security, set Need/UnNeed Setting to **Need**; then Handset Code will be required to delete all files/entries, etc.

- Guide descriptions are given assuming that Need/UnNeed Setting is set to **UnNeed**.



Security Codes

Changing Administrator Code

Enter 4 to 8 digits.

1 _____

In Locks menu,
Administrator Setting



2 _____

**Register Administrator
Code** ➔

3 _____

Enter current
Administrator Code ➔

- Administrator Code is 9999 by default.

4 _____

Enter new Administrator
Code ➔

5 _____

Re-enter new
Administrator Code ➔

When Using Internet or Messaging for the First Time

If this is your first use of Internet or messaging, perform online sign-up to establish access to **WILLCOM** (WILLCOM's Internet connection point).

- Online sign-up also provides WILLCOM mail address.
- Transmission fees do not apply.

Important Online Sign-up Notes

- Confirm signal strength before starting online sign-up.
- Online sign-up may be unavailable depending on your contract conditions.

1



- Browser menu opens.
- Alternatively, press to open Messaging menu and proceed.

2

Online sign up →

- Online sign-up window (Japanese) opens.

3

Complete setup

→ **これで設定を行う** →

- Online sign-up starts. Follow onscreen instructions.

Messaging Settings on Server

- After completing first online sign-up, use online sign-up for messaging settings on Server (automatic message retrieval, rejection settings, etc.) as needed. See onscreen instructions for setting items and procedures.

Deleting Information Provided through Online Sign-up

After ②, **Delete** → → **Yes** →

Using Handset by Connecting with Other Devices

Smartphone Link

Connect handset with smartphones or other mobile phones via Bluetooth® to use their call functions on handset.

- For more about Bluetooth®, see P.9-6.
- To use call functions via Smartphone Link, see P.2-6.
- See description on the right to connect with smartphones, and see P.9-6 "Connecting Bluetooth® Devices" to connect with mobile phones and other devices.

Supported Devices

- Handset supports connection with HFP (Bluetooth® profile) compatible devices. However, some HFP compatible devices may not support Smartphone Link.

Connecting Smartphones

Use **Assign Smartphone** to easily connect with smartphones via Bluetooth®.

- Download **PHSかんたん登録** (application for Android 4.0 or later) from Google Play™ and install it on target smartphone beforehand.
- Some smartphones may not support **Assign Smartphone**. In this case, connect them following the procedure in "Connecting Bluetooth® Devices" (P.9-6 - P.9-7).

1



Assign Smartphone



2

Yes →



- QR code appears and handset Bluetooth® is enabled.
- When handset is connected with another Bluetooth® device, confirmation appears; select **Yes** and press to disconnect it.

3

On smartphone, activate **PHSかんたん登録**

4

Aim smartphone's Camera at QR Code on handset Display

- Handset is connected with smartphone.
- If confirmation appears, follow onscreen instructions.

Using Handset by Connecting with Other Devices

Checking Connection with Smartphones

Check if handset is connected (paired) with target smartphone correctly.

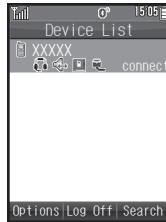
1



- Bluetooth settings menu opens.

2

Device List



- Bluetooth® connection (pairing) is complete if target smartphone's name is displayed with "connect" and  is at the top of Display.

When "unused" is Displayed

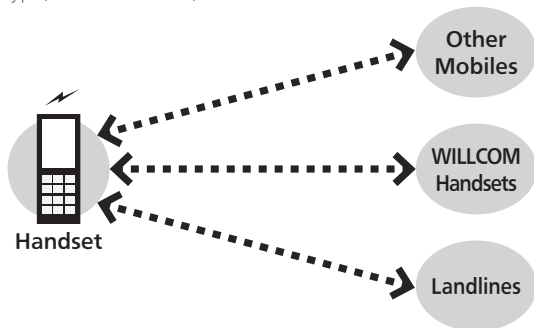
In Bluetooth menu on smartphone, tap **WX03SH** in Paired devices field

- Connection to WX03SH starts; **Connected** appears upon completion.

Calling Overview

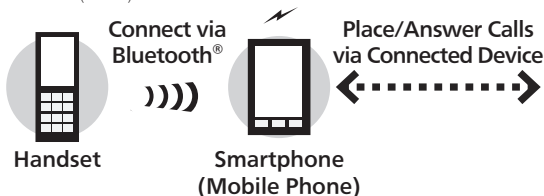
Place/receive calls to/from WILLCOM handsets, landlines and other mobiles.

- Calling charges vary depending on the other party's device type, etc. For details, contact WILLCOM Service Center.



Smartphone Link (Connection with Other Devices)

Connect handset with smartphones or other mobile phones via Bluetooth® to use their call functions on handset (P.2-6).



International Calls & Roaming

Place international calls from Japan on handset. (No separate subscription is required.)

- Handset is not available for placing/receiving calls outside Japan.

Signal Conditions

Confirm signal strength and battery charge beforehand.



Battery Charge

More bars indicate greater charge.

Signal Strength

More bars indicate stronger signal.

Switching to Another Antenna for Better Reception

- Follow these steps:



Emergency Calls (110, 119 or 118)

Emergency calls are possible regardless of state of handset settings (Function lock, Offline Mode, Drive mode, Restrict Destinations, etc.).

- After placing an emergency call, Reject Numbers and Answer Phone will be disabled for a certain period of time to accept calls from corresponding agency (e.g., police). Offline Mode, Drive mode and the call hold feature will also be disabled.

Placing Calls

- 1 Enter phone number with area code → 




- Wait for receiver to accept the call.
- A tone will sound 2 hours after the call connects (as a reminder).

- 2  → Call ends

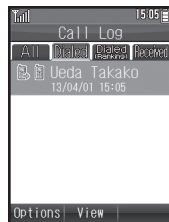
Adjusting Earpiece Volume During a call,



After Calls to Unsaved Phone Numbers

- Save to Phone Book confirmation appears. Select **New Entry** or **New Detail** and press  to save phone number; new contact entry window or contact search window opens, respectively.

Dialing from Call Log

- 1  (Received) or  (Dialed)



- Calls placed/received via Smartphone Link are indicated by  or .



- 2 Select record → 

- 3 **PHS Call** → 

- Wait for receiver to accept the call.


- 4  → Call ends

Dialing from Phone Book

- 1  →  Select tab (hiragana row, A or *) for first character of last name



- 2 Select contact → 

- 3 Select phone number → 



- Wait for receiver to accept the call.

- 4  → Call ends

Placing Calls

Placing International Calls

Place international calls easily through WILLCOM's international calling service.

- 1 Enter phone number ➔ 
➔ **Int'l Call** ➔ 



- Country code list appears.




- 2 Select country code ➔ 


- 3 


- Wait for receiver to accept the call.

- 4  ➔ Call ends

Direct Entry

- 1 Enter    (access number)

- 2 Enter country code (e.g., )

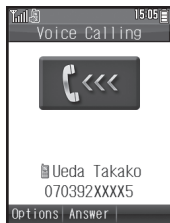
- 3 Enter phone number (with area code) ➔ 

- Omit the first 0 of the phone number except when calling some countries/regions.
- Wait for receiver to accept the call.

- 4  ➔ Call ends

Answering Calls

1 When a call arrives...



- Incoming call window opens.

2



- Call connects.
- A tone will sound 2 hours after the call connects (as a reminder).

3



→ Call ends

Adjusting Earpiece Volume
During a call,

When You Cannot Answer

■ Placing Calls on Hold

1 When a call arrives,

- Call connects while the call is on hold.
- Press to answer the call on hold.

■ Recording Caller Messages

1 When a call arrives, → **Record Message** →

- Answer Phone is set.

Playing Messages

→ Select record →


Engaged Call Operations

Recording Caller Voice

- 1 During a call, 

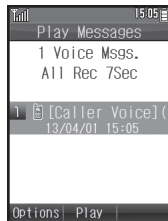


- 2 **Voice Record** → 

- Recording starts. To stop, press .

Playing Recorded Messages

- 1 



- Play Messages window opens.



- 2 **Select record** → 

Deleting Recorded Messages

After 1,  → **Delete**

→  → **Yes** → 



Deleting All Recorded Messages

After 1,  → **Delete All** →  → **Yes**



→ 

- Answer Phone messages will also be deleted.

Muting Microphone

- 1 During a call, 
 - Press  again to cancel.


Sending Touch Tone Signals

- 1 During a call, 
 - **Dial number** → 

- 2 **Enter touch tone digits**
 - Touch tone signal is sent.

Sending Touch Tone Signals via Phone Book

After 1,  → **Send Tone by Phonebook** →  → **Select contact** → 

- For multiple phone numbers, select one and press .

Using Call Functions of Other Devices

On handset, place calls using the phone number of a Bluetooth® device (smartphone or other mobile phone) or answer calls placed to such a device.

- Connect handset with target device beforehand (P.1-16).

Placing Calls via Smartphone Link

1 Enter phone number with area code

2 → **Bluetooth Call** →



- Wait for receiver to accept the call.

3 → **Call ends**

Talking on Smartphone

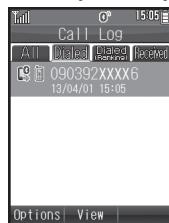
After **2**, → **Transfer Audio** →

→ **Bluetooth Output Off** →

- Press to switch audio back to handset.

Dialing from Call Log

1 (Received) or (Dialed)



- Calls placed/received via Smartphone Link are indicated by or .

2 **Select record** → → **Bluetooth Call** →

- Wait for receiver to accept the call.

3 → **Call ends**

Dialing from Phone Book

1 → **Select tab** (hiragana row, A or *) for first character of last name



2 **Select contact** →

3 **Select phone number** → → **Bluetooth Call** →

- Wait for receiver to accept the call.

4 → **Call ends**

Answering Calls via Smartphone Link

1

When a call arrives...



- "Bluetooth Calling" appears.

2



- Call connects.

3



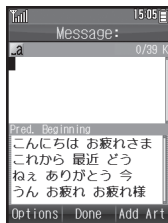
➔ Call ends

Text Entry Overview

Text Entry Windows

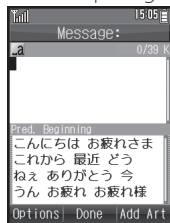
When available, text entry window (such as the one shown to the right) opens while messaging or using Phone Book.

- Unless noted otherwise, descriptions in this chapter are for text entry windows.



Character Types & Entry Modes

Enter hiragana, kanji, katakana (double-byte and single-byte), alphanumerics (double-byte and single-byte), symbols and pictograms. Switch entry modes as needed.



Use  to select mode 

Text Entry Basics

Use Dialpad to enter characters. Multiple characters are assigned to each key. Press a key to toggle character options for that key.



- Press  to reverse-toggle options.



■ Entering Characters Assigned to the Same Key

After typing a character, press  or Long Press that key.



Opening Help

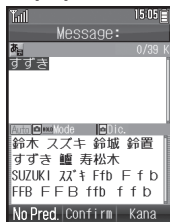
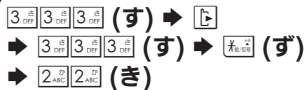


Entering Characters

Hiragana

Enter すずき in Kanji (Hiragana) mode.

1



2

☐ (Confirm)



- Hiragana is entered.

Kanji

Convert すずき to 鈴木.

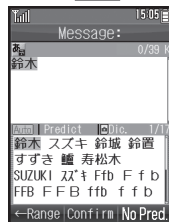
1

Type すずき

- Word suggestions change as hiragana are typed. (Predictive)
- Long Press ☐ to toggle suggestion mode between Standard, Literary, Spoken and Automatic. (Personal Mode)

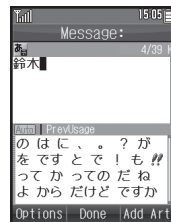
2

☐ → Select 鈴木



- To exit suggestion list, press ☐.

3



- Words likely to follow the entry appear. (Previous Usage)

Segmenting Hiragana to Convert Separately

Before confirming entry, ☐ or ☐

toggling Conversion Method

Before confirming entry, ☐

- Press to toggle Predictive and Non-Predictive suggestions.

Deleting Words/Phrases from Entry Log

Type hiragana → ☐ → Select word/phrase → ☐ (Long Press) → Yes →



Entering Characters

Katakana

Switch to Double-byte Katakana mode and enter ジュン.

1



2



Pictograms, Decorative Pictograms & Symbols

- May be unavailable depending on entry mode.
- Decorative pictograms are available for E-mail message text only.


1



- Entry window for pictograms, Decorative pictograms and symbols opens. (Log appears if any of these characters has been used.)

2



- List of pictograms, Decorative pictograms or symbols appears.
- In message text, press  in pictogram list to toggle Web pictograms and all pictograms.

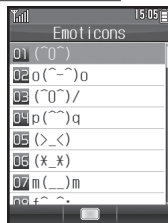
3

Select pictogram, Decorative pictogram or symbol → 

- To exit, press .

Emoticons

1



2

Select emoticon → 

Alternative Emoticon Entry Method

- In Kanji (Hiragana) mode, type **かお** or a descriptive word such as **わーい** or **うーん**, then convert the entry.

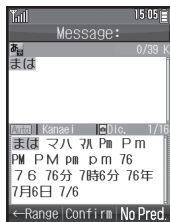
Using Various Conversion Methods

Hiragana to Katakana/Alphanumeric Conversion

Enter katakana or alphanumerics in Kanji (Hiragana) mode using key inscriptions.

Example: Enter PM

1



2

Select word/phrase (PM)



One-Hiragana Conversion

Type first hiragana and convert it to previously entered kanji.

Example: すずき was previously converted to 鈴木.

1



2

Select 鈴木 →

Correction Conversion

After mistyping hiragana assigned to the same key (e.g., い instead of う), enter intended word/phrase from suggestion list without retyping.

- Available when three or more hiragana are typed.

1

Type hiragana → Before selecting word/phrase,

- Corrected word suggestions appear.

2

Select word/phrase →

Mail & Web Extensions

Enter .co.jp, http://, etc., easily.

1



2

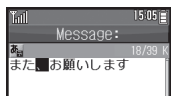
Select extension →

Editing Characters

Deleting & Editing

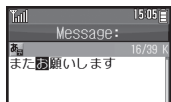
Correct また、お願いします to また明日
お願いします.

1 Select character



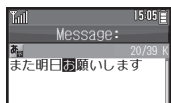
2

CLEAR
BACK



- Highlighted character is deleted.

3 Select target location ➔ Enter characters



Recovering Deleted Characters

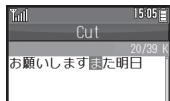
- Press to recover characters deleted with .

Deleting All Characters

- Long Press at text end. To delete characters on and after cursor, select the first character of text and Long Press .

Copy/Cut & Paste

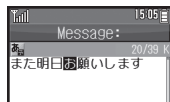
- ### 1
- ➔ **Copy** or **Cut** ➔
 - ➔ **Select first character**
 - ➔



- To cancel and start over, press .

2 Highlight text range ➔

3 Select target location ➔ (Long Press)



- Text is entered.

Phone Book Overview

Save phone numbers, mail addresses and other information, set handset responses to incoming calls/new messages, and more.

Name	Save first and last names with reading.
Phone Number	Save up to five phone numbers.
Split Bill	Set whether to use Split Billing service for all calls to the phone number.
Mail Address	Save up to five mail addresses.
Category	Classify contact into selected category.
Address	Save postal code, country, state/province, city, etc.
Office	Save company name, department and title.
Picture	Save an image that appears for incoming calls.
Ringtone & Vibration	Set responses to incoming transmissions.
Secret	Hide contact and require Handset Code for access.

- Save homepage, memo, birthday, star sign and blood type as needed.

Back Up Important Information

- If handset is left with no Battery inserted or an exhausted one, contacts may be altered/lost; handset damage may also affect information recovery. Keep separate copies of contacts, etc.
- We are not liable for any damages resulting from loss/alteration of contacts.

■ Incoming Calls from Saved Contacts

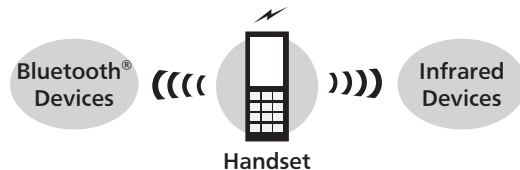
Name saved in Phone Book appears; image appears and handset responds with ringtone/Vibration according to settings.



■ Exchanging Contacts with Other Devices

Transfer contacts to other devices via Infrared transmission or Bluetooth®.

- For more about Infrared transmission, see P.9-4.
- For more about Bluetooth®, see P.9-6.

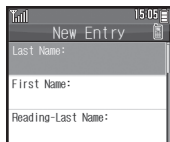


Saving Contacts to Phone Book

Saving Basic Items

Enter a name, phone number and mail address (enter at least one of these items) and classify the contact.

1 (Long Press)



- New entry window opens.

2 Last Name: [icon]

- ➔ Enter last name [icon]
- ➔ First Name: [icon]
- ➔ Enter first name [icon]



- Characters entered for names (reading for kanji) appear.

3 Add Phone Number: [icon]

- ➔ Enter phone number [icon]
- [icon] ➔ Select icon [icon]
- ➔ Select line type [icon]



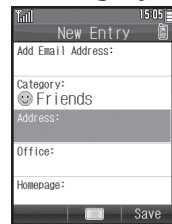
- To save additional phone numbers, repeat 3.

4 Add Email Address: [icon]

- ➔ Enter mail address [icon]
- ➔ Select icon [icon]
- To save additional mail addresses, repeat 4.

5 Category: [icon]

- ➔ Select category [icon]



- Set handset responses to incoming calls/new messages and save other information as needed. For details, see P.4-3.

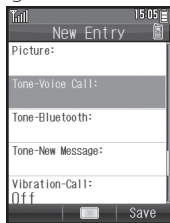
6 [icon]

- Contact is saved.

Saving Contacts to Phone Book

Setting Responses to Transmissions

After saving basic items (before saving contact), set responses to incoming transmissions as follows.



■ Ringtones

- 1 In new contact entry window, **Tone-Voice Call**; **Tone-Bluetooth**; or **Tone-New Message**: →

- 2 **Assign Tone** →
 - Select folder →
 - Select tone/file →
 - New contact entry window returns.

Canceling Ringtone Setting
After 1, **Remove Tone** → → **Yes**
→

■ Vibration

- 1 In new contact entry window, **Vibration-Call**; **Vibration-Bluetooth**; or **Vibration-Message**: →

- 2 **Switch On/Off** → → **On**
→ → **Vibration Pattern**
→

- 3 **Select pattern** → →
 - New contact entry window returns.

Canceling Vibration Setting
After 1, **Switch On/Off** → → **Off**
→ →

■ Image

- 1 In new contact entry window, **Picture**: →

- 2 **Pictures** →
 - **Select image** →

- New contact entry window returns.

Capturing Image for Setting
After 1, **Take a Photo** → →
Frame subject on Display → →
Canceling Image Setting
After 1, **Remove Picture** → → **Yes**
→

Saving Additional Information

- 1 In new contact entry window, select item (e.g., **Address**): →

- 2 **Complete field or select item** →
 - New contact entry window returns. (For **Address**: and **Office**:, press after 2.)

Hiding Contacts

Hide contact and require Handset Code for access.

- 1 In new contact entry window, **Secret:** →

- 2 **On** →

- New contact entry window returns.

Accessing Hidden Contacts

- → **Unlock Temporarily** →
→ Enter Handset Code →

Setting Responses by Category

- 1 → **Phone** →
→ **Set Category** →

- 2 Select category →

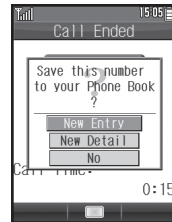
- 3 **Assign Ringtone** or **Assign Vibration** → → **Select transmission type** →

- 4 Select item (e.g., **Assign Tone**) → → **Set**

- Restoring Default Category Settings
After 2, **Reset Settings** → → **Yes**
→

Saving Phone Numbers After Calls

- 1 After calls to/from unsaved numbers...



- Save to Phone Book confirmation appears.

- 2 **New Entry** →
→ **Complete fields** →

Saving to an Existing Contact

After 1, **New Detail** → → Select contact → → **Complete fields** →
Hiding/Showing Save to Phone Book Confirmation after Calls to/from

Unsaved Phone Numbers

- **Phone** → → **Settings/Manage** → → **Ph.Book Settings** →
→ **New Number Prompt** → → **Incoming Call or Outgoing Call** →
→ **On or Off** →

Using Phone Book

Dialing from Phone Book

1



- Contact search window (By あかさたな) opens.
- Press to change search method.

2

- Select tab (hiragana row, A or *) for first character of last name → Select contact →



- Contact details window opens.

3

- Select phone number →



- Omit phone number selection step if only one phone number is saved.

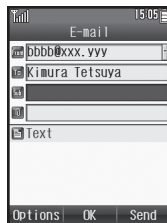
Placing Calls via Smartphone Link

- After 2, select phone number →
- **Bluetooth Call** →

Sending Messages from Phone Book

1

- In contact details window, select mail address →



- E-mail composition window opens.

2

- Complete message →





Sending Light Mail

- In contact details window, select phone number → → **Create Message** → → Complete message → **Send** →

Opening from Other Functions

Example: Enter a recipient from Phone Book when sending E-mail.

1  (Long Press)

2 Select recipient field  
→  → **Open Phone Book**
→ 



- Contact search window opens.

3 Select contact  

4 Select mail address  

- Recipient is entered.
- Omit **4** if only one mail address is saved.

Setting Contact Search Method

1 In contact search window,
 → **Ph.Book Settings** →


2 **Sort Entries**  



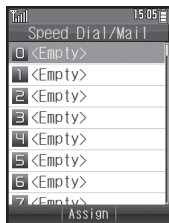
3 Select method  

Using Speed Dial

Save phone numbers to Speed Dial/Mail list for easy dialing and messaging.

Saving Entries

1



- Speed Dial/Mail list appears.

2

<Empty> → → **Select contact** →

3

Select phone number →

- Select mail address prompt appears.

4

Select mail address →

- To complete entry without saving a mail address, select **Do not Assign** and press .

5



- Entry is saved.

Placing Calls

1

- (entry number)

2



Sending Messages

1

- (entry number)

2



→ **Create and send message**

Editing Phone Book

Editing Contacts

1  → Select contact → 



2 **Edit** →

3 Select item → → **Edit** →

- After editing names, edit reading as needed.

4 

Deleting Contacts

1  → Select contact → 

2 **Delete** →

3 **Yes** →

Deleting All Contacts

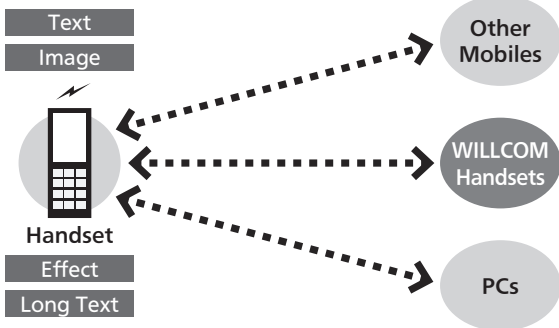
→ **Phone** → → **Settings/**
Manage → → **Manage Entries** →
 → **Delete All** → → **Yes** →

Messaging Overview

Use **E-mail** and **Light Mail** for messaging on handset.

■ E-mail

Exchange messages with E-mail compatible WILLCOM handsets, other mobiles, PCs, etc. Attach images, or create messages with decorative effects (Decorative Mail).



- WILLCOM Mail Server stores sent/received E-mail messages before delivering them to recipient devices.
- To use E-mail, perform **online sign-up (P.1-15)** to obtain a mail address beforehand.

■ Light Mail

Exchange short messages with Light Mail compatible WILLCOM handsets.



- Light Mail messages are directly exchanged between handsets using handset phone numbers as addresses; cannot be received when handset is off/out-of-range.

Internet Mail Supported

- Send/receive to Internet mail on handset.
- ISP subscription is required.
- Internet mail may be unavailable on handset or contract may need to be changed to use it. For details, contact your ISP.

Messaging Overview

When Using Messaging (or Internet) for the First Time

Perform online sign-up to obtain WILLCOM mail address beforehand. For details, see **P.1-15**.

- Online sign-up also establishes access to **WILLCOM** (Internet connection point).



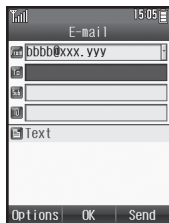
Connection Points

- For messaging, handset accesses the Internet via **WILLCOM** (Internet connection point provided by WILLCOM) or via network of a private ISP, in your office, etc. For details, contact WILLCOM Service Center.

Sending E-mail

1

✉ (Long Press)



- E-mail composition window opens.

2

Select recipient field →
→ → **Direct Entry** →

- To specify recipient from Phone Book, select **Open Phone Book** or **Phone Book Category**.

3

Enter mail address →
→

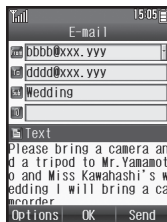
- To specify multiple recipients, select recipient field and press .

4

Select subject field →
→ Enter subject →

5

Select message text field
→ → Enter message →



- Message is created.

6

• Message is sent.

Sending Messages with Images

1

✉ (Long Press) → Enter recipient, subject and message

2

Select attachment field
→

3

Add Attachment →

4

Data Folder → →
Pictures → → Select
image →

- File is attached. To attach more files, repeat 3 – 4.
- To send files other than images, select a folder other than **Pictures**. Procedure may vary by file.

5

• Message is created.

6

• Message is sent.

Main Supported File Formats

- Image
.jpg, .jpeg, .gif, .png, .bmp
- Sound
.mid, .midi, .dxx
- Other
.txt, .html, .htm

Sending Light Mail


- 1**  → **Create Light Mail**
→ 



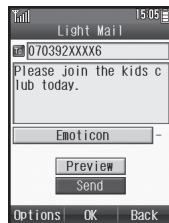
- Light Mail composition window opens.

- 2** **Select recipient field** → 
→ **Direct Entry** → 

- To specify recipient from Phone Book, select **Open Phone Book**.

- 3** **Enter phone number** → 



- 4** **Select message text field**
→  → **Enter message**
→ 




- Light Mail is created.

- 5** **Send** → 

- Light Mail is sent.

Using Animation Pictograms
In Light Mail composition window,
Emoticon →  → **Select pictogram**
→ 

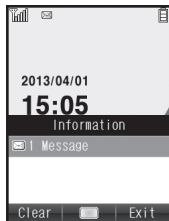
Previewing Message
After **4**, **Preview** → 

Opening Received Messages

Handset automatically receives new E-mail messages sent to mail address provided through online sign-up.

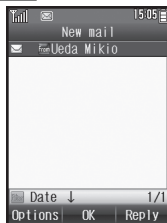
- Messages sent to private ISPs are not received automatically.

1 When E-mail message arrives...



- Ringtone sounds and Information window opens. (✉ appears.)

2 Message →



- New message list appears.

3 Select message →

- Message window opens.

Retrieving New Messages Manually



Important

- If In Box is full, handset automatically deletes oldest received messages, opened/unprotected ones first.

Opening Previous Messages

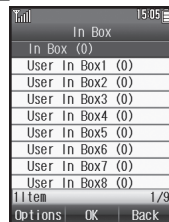
Received messages are saved to In Box.

1



- Messaging menu opens.

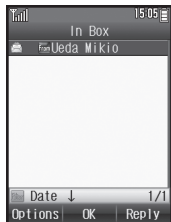
2 In Box →



- In Box menu opens.

Opening Received Messages

- 3** Select folder ➔ 



- Message list appears.

- 4** Select message ➔ 


- Message window opens.

Replying to/Forwarding Messages

Replying to Messages

1



- In Box menu opens.
- For new messages, select **Message** in Information window and press , then skip ahead to 3.

2



- Message list appears.

3



- Message window opens.

4



- Mail composition window opens.

5

Enter message/edit subject 

- Message is sent.

Replying to Sender & All Recipients
After   **Reply All**  

Forwarding Messages

1


In message window, 

2

Forward 

- Mail composition window opens.

3

Enter recipient/edit subject and message 

- Message is sent.

Managing Messages

Messages are organized in Boxes by type. Delete/protect messages, edit drafts, and more.

Opening Messages

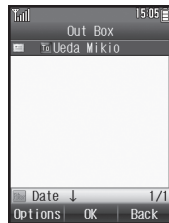
1



- Messaging menu opens.

2

In Box, Out Box or Unsent Box →



- For In Box, select a folder and press .
- Corresponding message list appears.

3

Select message →

- Message window opens.

Deleting & Protecting Messages

Deleting One Message

1

In message list, select message →

2

Delete → → One →

3

Yes →

Deleting Multiple Messages

1

In message list,

2

Delete → → Select →

3

Select message → (appears)

- Repeat 3 as needed.

4

→ Yes →



Managing Messages

■ Protecting Messages

1 In message list, select message → 

2 **Protect On/Off** → 

Canceling Protection

In message list, select protected message →  → **Protect On/Off** → 


Internet Overview

Access the Internet to browse WILLCOM official site and PC Internet sites.

- For more about Internet services (packet transmission fees, etc.), contact WILLCOM Service Center.



Security

- Handset supports browsing of SSL/TLS-enabled sites. SSL and TLS are encryption protocols that secure transmissions of important/sensitive information, providing a highly secured connection over the Internet.
- When handset browser determines that target site is SSL/TLS-enabled and then connects to it using SSL/TLS,  appears at the top of Display.
- Certificates are required to access SSL/TLS-enabled sites. Open corresponding certificates on handset and enable/disable them as needed.
- There is no guarantee of safety on the Internet even when browsing SSL/TLS-enabled sites. We are not liable for any associated damages.

When Using Internet (or Messaging) for the First Time

Perform online sign-up to establish access to WILLCOM (Internet connection point) beforehand. For details, see P.1-15.

- Online sign-up also provides WILLCOM mail address.



Connection Points

- Handset accesses the Internet via WILLCOM (Internet connection point provided by WILLCOM) or via network of a private ISP, in your office, etc. For details, contact WILLCOM Service Center.

Accessing the Internet

Opening WILLCOM Official Site

1



- Browser menu opens.

2

Willcom Site →

- Handset accesses the Internet and WILLCOM official site opens.

3

Select item (link) →

- Corresponding page opens.
- Repeat 3 to open additional links.

4

To disconnect,

- Then, press twice to return to Standby.

Navigating Back/Forward

(back) or (forward)

- Forward navigation is available after opening previous page with .

User Authentication

Enter user ID or password → →

Additional Operations

Opening Home

1

(Long Press)

- Page set as Home opens.

Using History

1

In Browser menu, History

→

- History menu opens.

2

Select record →

Confirming Accessed URLs

In History menu, select record →
→ **Address view** →

Entering URLs Directly

1

In Browser menu, Open Web page →

2

Enter address →

- Select **Last address** to use URL of last visited page. Select **Input history** to use previously entered URLs.

3

Enter URL →

■ Searching the Internet

1

In Browser menu,
Internet Search ➔



• Internet search window opens.

2

➔ Enter search text ➔
 ➔ Select Search engine
field ➔ ➔ Select search
engine ➔ ➔

Browsing Operations

Main Key Assignments:

Select Item or Scroll Page	
Navigate Back/Forward (Mobile mode)	
Select Item (Smart-Fit mode, Desktop mode)	
Scroll Page (Desktop mode)	
Execute Item	
Open Options Menu	
Navigate Back or Exit Browser	
Scroll Down by Page	
Scroll Up by Page	
Navigate Back or Exit Browser	

Browsing Modes

Use the following three modes.

■ Mobile Mode

Pages fit Display width. Use to select items or scroll up/down.

■ Smart-Fit Mode

Pages are restructured to fit Display width. Pointer () is available; use to select items or use to scroll up/down.

■ Desktop Mode

Pages appear in the same layout as on PC. Pointer () is available; use to select items or scroll vertically and horizontally.

■ Switching Browsing Modes

1

In a page,

2

Browsing mode

➔ Select mode

■ Using Toolbar

In Smart-Fit mode and Desktop mode, use Toolbar to perform some operations easily.

- Wait one second without operation (pointer changes to) first.

1

While appears,

- Toolbar appears. Use to select an icon and proceed.

Switching Frames

In framed pages, select frame as follows.

1

In a framed page,



- Procedure may vary by mode.

Viewing Selected Frame

In a framed page, select frame
➔ ➔ Tab operations ➔ View
selected frame

Tabbed Browsing

■ Opening New Tabs

- 1 In a page, select item (link)
→  → **Tab operations** → 
- Tab options window opens.


- 2 **Open in new tab** → 
- Linked page opens in another tab.

■ Switching Tabs


- 1 In tab options window,
Select tab → 

- 2  **Select tab** → 

Closing Current Tab

In tab options window, **Close this tab** → 

Closing Other Tabs



In tab options window, **Close other tabs** → 

Page Operations

■ Updating Page Content

- 1 In a page,  → **Reload**
→ 

■ Jumping to Page Top/Bottom

- 1 In a page, 
→ **Page operations** → 

- 2 **Jump to** → 

- 3 **Top** or **Bottom** → 

■ Zooming on Pages

- 1 In a page, 
→ **Page settings** → 


- 2 **Zoom** →  → **Select scale**
→ 

Saving Linked Files

Save files linked from pages to handset (Data Folder).

- Procedure may vary by file type, etc. Follow onscreen instructions.

- 1 In a page, select link → 

- 2 **Download** → 
- For sounds, select **Open** to play them.

- 3 **Enter name** → 

- 4 **Save here** → 

Browsing Operations

Saving Files on Current Page

Save images, etc. on current page to handset (Data Folder).

1 _____
In a page, 

2 _____
Page operations  
 **Select object**  

- Icons of available files appear at the bottom of Display.

3 _____
 **Select file**    **Save**
 

- To open file properties, select Properties.

4 _____
Enter name  

5 _____
Save here  

Using Bookmarks

Saving Bookmarks

- 1 Open target page → → **Bookmark** →



- Bookmark options window opens.

- 2 **Add bookmark** →

- 3 Check/edit title → → **Yes** →

Opening Bookmarks

- 1 → **Bookmark** →



- Bookmark list appears.

- 2 **Select bookmark** →

- To open bookmarks in a folder, select a folder and press then proceed.

Opening Bookmarks while Browsing
In bookmark options window,
Bookmark → → Select bookmark
→

Managing Bookmarks

Creating Folders

- 1 In **Bookmark list**,







- Bookmark menu opens.

- 2 **Create folder** →

- 3 **Enter name** →

Using Bookmarks

■ Moving Bookmarks & Folders

- 1** In Bookmark list, select bookmark or folder → 
 - Bookmark menu opens.
- 2** **Move** → 
 - To move bookmarks to a folder, select a folder and press .
- 3** Select target location → 

Moving Up/Down by One Position
In Bookmark menu, **Move up** or **Move down** → 

■ Deleting Bookmarks & Folders




- 1** In Bookmark list, select bookmark or folder → 
 - Bookmark menu opens.

- 2** **Delete** → 
 - Delete options window opens.



- 3** **Delete** →  → **Yes** → 

■ Deleting Multiple Bookmarks & Folders at Once

- 1** In delete options window, **Delete selected** → 

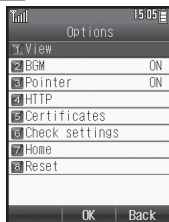
- 2** Select bookmark or folder →  ( or  appears)
 - Repeat **2** as needed.

- 3**  → **Yes** → 

Deleting All Bookmarks within a Folder
In delete options window, **Delete all in folder** →  → **Yes** → 

Browser Settings

Images & Animation



- Options list appears.



- View settings menu opens.



- Select **On demand** (in Images) to start loading images when image areas appear.

Cookies



- HTTP menu opens.



Deleting All Cookies

After 2, **Delete cookies** ➔ ➔ **Yes**
➔

Camera Overview

Capture up to 310 kilopixels images with built-in Camera.

- Open captured images, send them as mail attachments, and more.



Handset

Send via Mail

Mobiles
& PCs

Capture Image

Viewfinder

Viewfinder appears after activating Camera. See below for indicator descriptions.



Camera Cautions

- Mind etiquette when using Camera.
- Test Camera before shooting special moments.
- Do not use Camera in places where shooting is prohibited.
- Captured images may not be used/transferred without copyright holder (photographer, etc.) permission, except for personal use.
- Clean dust/smudges from Camera area with a soft dry cloth before use.
- Camera is a precision instrument; however, some pixels may remain on/off.
- Capturing/saving images while handset is hot may affect image quality.
- Exposing Camera area to direct sunlight may damage Color Filter and affect image color.

Automatic Shutdown

- Camera shuts down after a period of inactivity and Standby or Main Menu returns.

Capturing Images

1



- Viewfinder appears.

2

Frame subject on Display



- Camera shutter sound plays; captured image window opens.
- To start over, press

3



- Image is saved; Viewfinder returns.
- To exit Camera, press

Sending Images as Mail Attachments

In captured image window, →

Complete message →

Camera Shutter

- Camera shutter sound and Self-timer sound play at fixed volume regardless of handset settings.

Main Viewfinder Operations

Adjusting Zoom

1

In Viewfinder,

Adjusting Brightness

1

In Viewfinder,

Setting Image Size

1

In Viewfinder,

2

Picture Size →

→ Select size →

Selecting Scene Option

1

In Viewfinder,

2

Scene → → Select option

→

Opening Captured Images

1



2



- Last saved image opens.

3



- File list appears.
- To open images in a subfolder, select a subfolder and press

4

Select image

- Image appears.
- To return to file list, press

Opening Images in Viewfinder
In Viewfinder, Review

Handling Open Images

Zoom in	
Open Next Image	
Open Previous Image	
Rotate 90 Degrees Clockwise	

Sending Images as Mail Attachments

1

In file list, select image



2

As Message

- Follow onscreen instructions.

Using Java™ Applications

Installing Java™ Applications

1



- Java™ menu opens.

2

Search the Official Site



3

Select application

- Follow onscreen instructions.

Installing Applications Using .jad Files

- When a .jad file is saved in Data Folder (Other Documents), Java™ applications can be installed as follows.
 - → Data Folder → □ → Other Documents → □ → Select .jad file
 - □ → Follow onscreen instructions

Setting Automatic Activation

- In Java™ menu, Auto Start → □ → On or Off → □

Setting Sound Playback

- In Java™ menu, Sounds → □ → Always On or Normal Settings → □

Setting Connection Point

- In Java™ menu, Profile Setting → □ → Select connection point → □

Activating & Exiting Java™ Application

Activating Java™ Applications

1

In Java™ menu, Java™ Library

- Java™ application list appears.

2

Select application

- Follow onscreen instructions.

Exiting Java™ Application

1



2

Exit

- Java™ application closes.

Managing Java™ Applications

■ Updating Java™ Applications

1 In Java™ application list, select application → 

2 **Update** →  → **Yes** → 
• Follow onscreen instructions.





■ Deleting Java™ Applications

1 In Java™ application list, select application → 

2 **Delete** → 

3 **Delete** →  → **Yes** → 

Deleting Multiple Applications at Once

After **2**, **Delete selected** →  →
Select application →  → Complete
selection →  → **Yes** → 


Deleting All Applications

In Java™ application list,  → **Delete**
→  → **Delete all** →  → **Yes** → 

■ Using Folders

Organize applications in folders.





1 In Java™ application list,
 → **Create folder** → 

2 Enter name → 

Moving Applications to Folders

In Java™ application list, select
application →  → **Move** →  →
Select folder → 

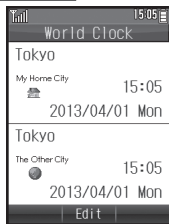
Deleting Folders

In Java™ application list, select
folder →  → **Delete** →  → **Delete**
folder →  → **Yes** → 

Using World Clock

1 [Home] → **Tools** → [Home] → [PIM]

2 **World Clock** → [Home]



• World Clock window opens.

3 [Home]

• Time zone setting window opens.

4 [PIM] **Select city** → [Home]

• Time zones are set. (Top: local time zone, bottom: world time zone)

5 [Home]

• World Clock closes.

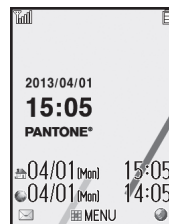
Advancing 1 Hour (Daylight Saving)
In time zone setting window, [Home] → [Home]

• Press [Home] to toggle setting on/off.

Adding Custom Time Zone
In time zone setting window, [Home] → [Home]

Enter city name → [Home] → [Select + or -] → [Enter time difference] → [Home]

Showing World Clock in Standby



1 [Home] → **Settings** → [Home] → [PIM] **Sound/Display**

2 **Display** → [Home]

3 **Clock/Calendar** → [Home]

4 **World Clock (S)** or **World Clock (L)** → [Home]

File Locations

Manage handset files in **Data Folder**; files created on handset or obtained from messages, the Internet, etc. are sorted into separate folders by file format.

Pictures	Captured or obtained images
Decorative Pictograms	Pictograms for Decorative Mail
Sounds	Downloaded/recorded sounds
Flash®	Downloaded Flash® animations
Templates	Templates for Decorative Mail
Other Documents	Other files

- Contacts and messages are not accessible from Data Folder; open them from Phone Book and Messaging menu, respectively.


Copyright Protection

- Depending on file, some functions may be unavailable due to copyright protection.

Saved Files

1



- Data Folder opens.
- When you have created a subfolder, select a folder and press  to show/hide it.

2

Select folder 

- File list appears.

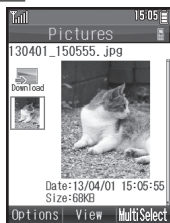
Using Files





Opening Files

Opening Images





- 1 **Data Folder** → 
 - Data Folder opens.

- 2 **Pictures** → 



- 3 **Select image** → 
 - File list appears.
 - To open images in a subfolder, select a subfolder and press .
- 3 **Select image** → 
 - Image appears.
 - To return to file list, press .


Handling Open Images

Zoom in	
Open Next Image	
Open Previous Image	
Rotate 90 Degrees Clockwise	


Playing Sounds

- 1 **In Data Folder, Sounds** → 



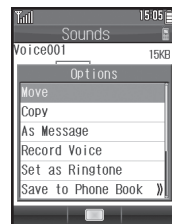
- File list appears.
- To play sounds in a subfolder, select a subfolder and press .

- 2 **Select sound** → 

- Sound plays.
- To return to file list, press .

Attaching Files to Messages

- 1 **In file list, select file** → 



- 2 **As Message** → 

- Follow onscreen instructions.

Managing Files & Folders

Creating Subfolders



- Data Folder opens.

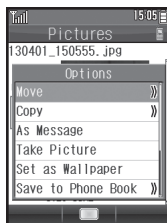


- File list appears.



- Subfolder is created.

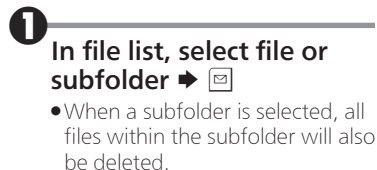
Moving & Copying Files



- Some files may not be moved/ copied, or procedure may vary by file. Follow onscreen instructions.



Deleting Files & Subfolders



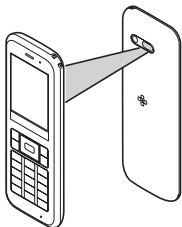
Using Infrared

Wirelessly exchange contacts, bookmarks, etc. with Infrared devices.

- Transfer may be unavailable depending on the other device and file content. Some settings may be lost, or transferred files may not be saved properly.

Infrared Precautions

Align Infrared Ports of both devices.



- Keep Infrared Ports aligned during transfer.
- Do not look into Infrared Port during Infrared transmissions. Eyesight may be affected.
- Transfer may fail if Battery runs low during transmission. Confirm battery charge beforehand.

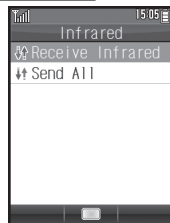
Authorization Code

- 4-digit code required for all file transfers via Infrared. Transfers are possible when codes match. (Authorization Code is changeable for each transfer.)

Receiving Files

Single File (e.g., Phone Book)

1



- Infrared menu opens.

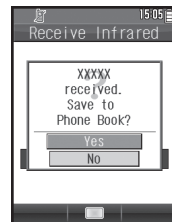
2

Receive Infrared

- Infrared is enabled. Handset receives files if sent within 3 minutes.

3

When a connection request arrives...



4

Yes

- Subsequent operations vary by received file(s). Follow onscreen instructions.

Using Infrared

■ All Files (Adding Files)

- 1 **Infrared** →
 - Infrared menu opens.
- 2 **Receive Infrared** →
 - Infrared is enabled. Handset receives files if sent within 3 minutes.
- 3 **When a connection request arrives, enter Authorization Code** →
- 4 **As New Items** →

■ All Files (Overwriting Existing Files)

- 1 **Infrared** →
 - Infrared menu opens.
- 2 **Receive Infrared** →
 - Infrared is enabled. Handset receives files if sent within 3 minutes.

- 3 **When a connection request arrives, enter Authorization Code** →
- 4 **Delete All & Save** →
- 5 **Enter Handset Code** →
→ **Yes** →

Sending Files

■ Single File (e.g., Phone Book)

- To send profile, see P.1-11.

- 1 **Select contact** →



- 2 **Send Entry** →

- 3 **Via Infrared** →
 - Transfer starts when the other device is ready. When complete, contact search window returns.

■ All Files

- 1 **In Infrared menu, Send All** →
- 2 **Enter Handset Code** →
- 3 **Select item** →
- 4 **Enter Authorization Code** →
 - Subsequent operations vary by selected item. Follow onscreen instructions.

Using Bluetooth®

Overview

Connect handset to other Bluetooth® devices for handsfree conversations, or to transfer contacts.

- On handset, place calls using the phone number of a smartphone or other device connected via Bluetooth® or answer calls placed to such a device. For details, see **P.1-16**.
- Handset supports the following Bluetooth® profiles.
 - HSP; Audio Gateway (AG)
 - HSP; Headset (HS)
 - HFP; Audio Gateway (AG)
 - HFP; Hands-Free (HF)
 - PBAP; PCE
 - PBAP; PSE
- Handset supports simultaneous connection with up to two devices. Simultaneous connection to multiple profiles is also possible. However, handset cannot connect with two devices simultaneously using the same profile.

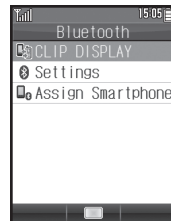
Bluetooth® Precautions

- Connection may not be possible with some Bluetooth® devices.
- Handset shall be connected to certified Bluetooth® devices that meet the specification standards developed by the Bluetooth SIG.
- Transfers may fail even when target devices are the certified Bluetooth® devices.
- Noise may interfere with handsfree conversations.
- Check transmission range of target devices to use with handset properly.
 - Maximum transmission range between handsets is 10 meters. (Transmission rate and range may vary depending on conditions.)

Connecting Bluetooth® Devices

Device Search & Pairing

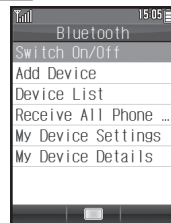
1



- Bluetooth menu opens.

2

Settings →



- Bluetooth settings menu opens.

Using Bluetooth®

3 Add Device →

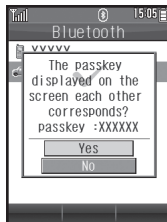
- Handset Bluetooth® is enabled and device search starts; found Bluetooth® devices are listed after search.
- If confirmation appears, follow onscreen instructions.

4 Select device →



- Add to device list confirmation appears.

5 Yes →

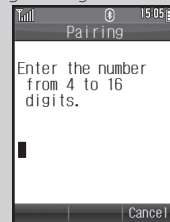


6 Yes →

- Connection completes.
- If confirmation appears, follow onscreen instructions.

Passkeys

- Passkey entry may be required depending on target device.



In this case, follow these steps.

After 4, enter the same passkey on handset and target device →

- Complete passkey entry within 30 seconds after passkey entry window opens.

Searching for Bluetooth® Devices Again After 3,

■ Pairing through Connection Requests

Pair with unpaired devices by accepting connection requests.

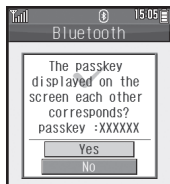
- Enable handset Bluetooth® beforehand.

1 When a connection request arrives...



- Add to device list confirmation appears.

2 Yes →

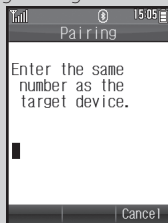


3 Yes →

- Connection completes.
- If confirmation appears, follow onscreen instructions.

Passkeys

- Passkey entry may be required depending on target device.



In this case, follow these steps.

After 2, enter the same passkey on handset and target device →









- Complete passkey entry within 30 seconds after passkey entry window opens.

Using Device List


1 In Bluetooth settings menu, **Device List** →




- Device list appears with types (supported services) of paired Bluetooth® devices and their connection status.
- See below for main indicators.

	PC
	PDA
	Mobile phone
	Headset
	Handsfree device
	HSP compatible device
	HFP compatible device
	PBAP compatible device

Opening Paired Device Information

After ❶, select device →  → **Device**
Details →

Renaming Paired Device Names

After ❶, select device →  → **Change**
Name → → **Edit name** →

Reconnecting Disconnected Paired Devices

❶ In device list, select device with "unused"

❷



- Selected device is connected.
- If confirmation appears, follow onscreen instructions.

Connecting to Devices by Service

After ❶,  → **Connection** → Select service →

- If confirmation appears, follow onscreen instructions.

Disconnecting Devices

❶ In device list, select device with "connect"

❷

- Selected device is disconnected.

Disconnecting Devices by Service

After ❶,  → **Connection** → Select service →

- If confirmation appears, follow onscreen instructions.

Deleting Paired Devices

❶ In device list, select device

❷  → **Delete** →

❸ **Yes** →

- Selected device is deleted.
- If confirmation appears, follow onscreen instructions.

Transferring Phone Book

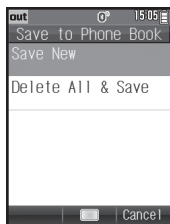
Send/receive Phone Book contacts to/from a Bluetooth® device all at once.

■ Receiving All Contacts

1 In Bluetooth settings menu, **Receive All Phone Book** →

2

3 Send contacts on the other device



- Transfer starts; window shown above opens upon completion.

4 **Save New** →

- Received contacts are saved.

Saving Contacts after Overwriting Existing Ones

After **3**, **Delete All & Save** → → **Yes** →

■ Sending All Contacts

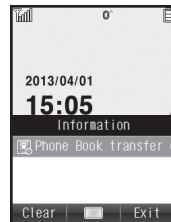
Send all Phone Book contacts by accepting requests from other devices.

1 When a connection request arrives...



- Transfer confirmation appears.

2 **Yes** →



- Transfer starts.

3 After transfer, **Phone Book transfer completed** →

Bluetooth® Settings

■ Enabling/Disabling Handset Bluetooth®

1 In Bluetooth settings menu, **Switch On/Off** →

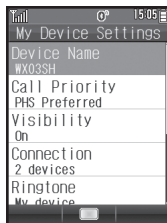
2 **On** (enable) or **Off** (disable) →

- If confirmation appears, follow onscreen instructions.

■ Setting Handset to Be Discoverable or Non-Discoverable

1 In Bluetooth settings menu, **My Device Settings**

→



- My Device Settings window opens.

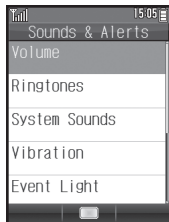
2 **Visibility** →

3 **On** (discoverable) or **Off** (non-discoverable) →

Setting Handset Responses

Setting Ringtones/Ringtone Volume

■ Ringtones



- Sounds & Alerts menu opens.



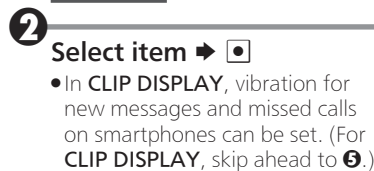
- For For New Message, select Sound and press [Enter].
- In CLIP DISPLAY, notification sound for new messages and missed calls on smartphones can be set.



■ Ringtone Volume



Setting Vibration



Vibration Caution

- Disable Vibration when placing handset on a desk, etc. to prevent it from falling off upon receiving calls/messages.

Setting Handset Responses



Setting Keys to Answer Calls

1

In **Sounds & Alerts** menu,
Any Key Answer →

2

On, **Only Mute** or **Off** →

- Select **On** to answer calls with , Dialpad, etc.
- Select **Only Mute** to mute ringer with , Dialpad, etc.

Setting Operation Sounds

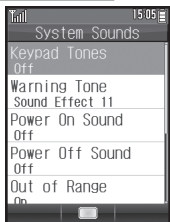
Setting Key Press Sounds

1  → **Settings** →  →  **Sound/Display**

2 **Sounds & Alerts** → 

• Sounds & Alerts menu opens.


3 **System Sounds** → 



• System Sounds menu opens.

4 **Keypad Tones** → 



5 **Select tone** → 


• To disable key press sounds, select **Off** and press .

Setting Sound Effects

1 In System Sounds menu, select item → 

2 **Tone or Sound** → 

3 **Preset Sounds or Sound**
→  → **Select tone/file**
→ 

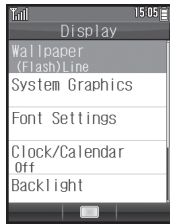
Disabling Sound Effect
After **2**, **Off** → 

Setting Display

Setting Wallpaper

1  → **Settings** →  →  **Sound/Display**

2 **Display** → 



• Display menu opens.

3 **Wallpaper** → 

4 **Select folder** →  → **Select file** → 

• Procedure may vary by folder or file. Follow onscreen instructions.

Disabling Wallpaper

After , **Blank** → 

Setting Fonts



Font Size

1 **In Display menu, Font Settings** → 



• Font Settings menu opens.

2 **Font Size** → 

3 **Select item** →  → **Select size** → 

Font Weight

1 **In Font Settings menu, Font Weight** → 

2 **Select weight** → 

Setting Date & Time

Clock is set by default. Adjust it manually as follows.

1



2



- Date & Time menu opens.

3



4

Enter the year ➔ Enter the month ➔ Enter the day ➔ Enter the time ➔

Setting Auto Time Correction

In Date & Time menu, **Auto Time Correction** ➔ ➔ **On** or **Off** ➔

Note

- Date and time are corrected upon receiving messages or accessing the Internet if there is a difference of 30 seconds or more between network time and handset Clock.

Using Call Services

Using Voicemail

Divert all/unanswered 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.

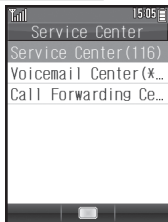
■ Initiating/Canceling Voicemail

1



2

Service Center →



- Service Center menu opens.

3

Call Forwarding Center
(143) →

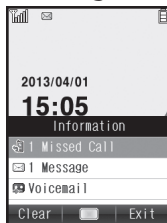
- You will be connected to the center for service settings.
- Follow voice guidance (Japanese).

■ Accessing Messages via Notices

After a message is stored at Voicemail Center, handset receives Light Mail from Voicemail Center (Caller ID: 070-696-1000).

1

After a message is stored...



- Information window opens.

2

Voicemail →

3

Yes →

- You will be connected to Voicemail Center.
- Follow voice guidance (Japanese).

■ Checking for Messages

1

Dial 1 4 3 1 →

2

After hearing a beep,

- Voicemail appears when a message is stored.

Playing Messages

In Service Center menu, **Voicemail Center (X931)** →

- You will be connected to Voicemail Center.
- Follow voice guidance (Japanese).

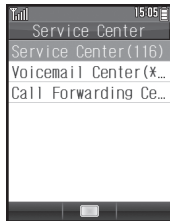
Using Call Services

Using Call Forwarding

Divert all/unanswered 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.

■ Initiating/Canceling Call Forwarding



- Service Center menu opens.

3

Call Forwarding 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 Light Mail transmission or Internet use (and messaging).

■ Calling via Split Billing Service



- Wait for receiver to accept the call.



Hiding Caller ID

After **1**, Split Bill (Hide My ID 184)



Showing Caller ID

After **1**, Split Bill (Show My ID 186)



Software Updates

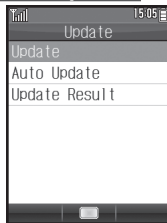
Check for firmware updates and download as required.

- Packet transmission fees do not apply to updates (including checking, downloading and overwriting).
- Confirm battery charge beforehand.

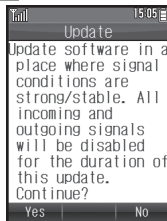
Software Update Cautions

- Handset cannot be used until Software Update completes; it may take up to approximately 30 minutes.
- Update does not start if another function is in use. Before updating software, exit all active functions.
- Disconnect Micro USB Cable beforehand to reduce failure risk.
- 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, etc.

Updating Software Manually



- Software update settings menu opens.



Opening Update Result After **2**, **Update Result** → Home button

When Update is Complete

Update success notification appears and handset reboots.

- After reboot, completion message appears and Information window opens.
- If handset does not reboot after update, reinsert Battery and try powering on. If it still does not power on, contact WILLCOM Service Center or Sharp Customer Assistance Center.

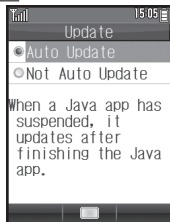
Opening Update Result While Information window is open, **Software Update Result** → Home button

Software Updates

Updating Software Automatically

Apply updates automatically upon receiving software update notifications by setting Auto Update to **Auto Update**.

- 1** In Software update settings menu, **Auto Update** →



- 2** **Auto Update** →

Canceling Automatic Update
After **1**, **Not Auto Update** →

Specifications

Specifications are subject to change due to product improvements or other reasons.

Handset (WX03SH)	
Weight	80 g with Battery (XN-BTWP03) ¹
Continuous Talk Time ²	9 hours (Not suppress the noise set) ¹
	8.5 hours (Suppress the noise set) ¹
Continuous Standby Time ³	530 hours ¹
Charging Time (power off)	120 minutes using AC Charger (AC01-MU-K) ¹
Dimensions (W x H x D)	44 mm x 126 mm x 12.2 mm (without protruding parts) ¹

¹Approximate value.

²Average measured with a new, fully charged Battery, in strong signal conditions without moving handset.

³Average measured with a new, fully charged Battery, without calls or operations, in strong signal conditions without moving handset.

- Talk Time/Standby Time may vary with location, status, settings, etc.
- Display employs precision technology; however, some pixels may remain on/off.

Battery (XN-BTWP03)

Voltage	3.7 V
Type	Lithium-ion
Capacity	700 mAh
Dimensions (W x H x D)	31.2 mm x 39.5 mm x 5.6 mm (without protruding parts) ¹

¹Approximate value.

Handset Materials

Parts	Materials/Finishing
Display panel (front)	Acrylic resin/Acrylic UV curing painting
Housing (front)	PC resin; SUS plate (inserted)/Acrylic UV curing painting
Housing (inside Battery Cover)	PA resin
Battery Cover, Multi Selector (Cursor Keys), Center Key, Mail Key, Lock & A/a Key, Web Key, Camera & Text Key, Start Key, Clear/Back Key, Power Key, Dialpad, ✖ Key, # Key	PC resin/Acrylic UV curing painting
External Device Port Cover	PC and elastomeric resin/Acrylic UV curing painting
Camera window	Acrylic resin/Chemical curing
Speaker mesh	PET
Charging Terminals	LCP; copper alloy/Gold plating
Screws	SUS 410/Passivation
Battery	PC resin; copper alloy/Gold plating

Menu List

Function		
Messaging	In Box	
	Out Box	
	Unsent Box	
	Create E-mail	
	Retrieve New Mail	
	Template	
	Create Light Mail	
	Settings	Account Settings
		Send/Recv. Settings
		Connection Point
	Options	
	Status	
	Online sign up	
Bluetooth	CLIP DISPLAY	
	Settings	Switch On/Off
		Add Device
		Device List
		Receive All Phone Book
		My Device Settings
		My Device Details
		Assign Smartphone

Function		
Web	Willcom Site	
	Home	
	Bookmark	
	Internet Search	
	Open Web page	
	History	
	Page memo	
	Online sign up	
	Settings	Options
		Connection
	Browsing mode	
Infrared	Receive Infrared	
	Send All	
Camera	Photo Camera	
	Review	
Data Folder	Pictures	
	Decorative Pictograms	
	Sounds	
	Flash®	
	Templates	
	Other Documents	
	Memory Status	

Menu List

Function		
Tools	PIM	Calendar
		Alarms
		Tasks
		Calculator
		Notepad
		Dictionary
		Voice Recorder
		World Clock
		Java™
	Search the Official Site	
	Profile Setting	
	Auto Start	
	Sounds	
		Information

Function		
Phone	Phone Book	
	Add New Entry	
	Information	
	Call Log	
	Play Messages	
	My Details	
	Set Category	
	Speed Dial/Mail	
	Settings/ Manage	Ph.Book Settings
		Call Log Setting
		Manage Entries

Menu List

Function			
Settings	Sound/ Display	Mode Settings	Normal
			Manner
			Drive
			Original
		Display	Wallpaper
			System Graphics
			Font Settings
			Clock/Calendar
			Backlight
			Display Saving
		Sounds & Alerts	Volume
			Ringtones
			System Sounds
			Vibration
			Event Light
			Status Light
			Any Key Answer

Function			
Settings	Sound/ Display	Date & Time	Set Date/Time
			Auto Time Correction
			Daylight Saving
			Set Time Zone
			Clock/Calendar
			World Clock
			Alarms
			Set Holiday
			Time Format
			Date Format
			Calendar Format
			言語選択 (Language)
		Ringer Output	
		Earpiece Volume	

Menu List

		Function		
Settings	Phone	User Dictionary		
		Set Key Shortcut		
		Set Key Light		
		USB Charge		
		Locks	Function Lock	
			Application Lock	
			Handset Code Settings	
			Remote Lock	
			Administrator Setting	
		Software Update	Update	
			Auto Update	
			Update Result	
		Master Reset	Reset Settings	
	Reset All			
	Call	Call Time	Call Timers	
			Data Counter	
Call Time Counter				

		Function		
Settings	Call	Answer Phone	Switch On/Off	
			Answer Time	
			Outgoing Message	
			Volume	
		Service Center	Service Center (116)	
			Voicemail Center (✕931)	
			Call Forwarding Center (143)	
		Caller ID		
		Int'l Calling		
		Call Barring	Restrict Destinations	
			Reject Numbers	
		Audio Settings		
	Auto Answer			
	Missed Call			
	Network	Re-search Signal		
		Offline Mode		
L1				
Dial-up Settings				

Customer Service

◆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 & Optional Accessories◆

■ 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)

Address: 3-1-72 Kita Kamei-cho, Yao-shi, Osaka

◆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.

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.

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

 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:

 Prohibited	Prohibited actions
 Do Not Disassemble	Disassembly prohibited
 Avoid Liquids Or Moisture	Exposure to liquids prohibited
 Do Not Use Wet Hands	Use with wet hands prohibited
 Compulsory	Compulsory actions
 Disconnect Power Source	Unplug from outlet

Safety Precautions

Handset, Battery & AC Charger (Optional Accessory)



Use specified Battery and AC Charger only.

Non-specified equipment use may cause 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. Battery may leak, overheat, burst or ignite. Modifying handsets is prohibited by the Radio Law and subject to penalty.



Do not expose internal handset parts, Battery 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 Battery in or expose handset or related hardware to 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; Battery may leak, overheat, ignite or burst. Handset or related hardware may become hot to the touch, leading to burn injuries, etc.



Do not force Battery/AC Charger into handset. Confirm terminal/connector orientation; retry.

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



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

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



Safety Precautions

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.



Compulsory

Do not drop/throw or subject to strong impact.

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



Prohibited

For unusual sound/odor, smoke or other abnormality:

Continued use may cause fire, electric shock, etc.; grasp AC Charger plug to disconnect from the outlet, power off, then remove Battery, being careful not to burn or injure yourself.



Compulsory

Keep liquid (water, pet urine, etc.) or conductive material (pencil lead, metal strip/jewelry, etc.) away from External Device Port.

May cause short circuit, resulting in fire, malfunction, etc.



Prohibited

Never charge handset while it is wet.

May cause fire or damage due to electric shock, short circuit, burn injuries, etc.



Prohibited

Do not expose handset or related hardware to hot air from dryers, etc. to dry them or for other purposes. Avoid saunas or hot water.

Battery may leak, overheat, burst or ignite. Handset may overheat, emit smoke, ignite, malfunction, etc.



Prohibited



CAUTION

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.



Prohibited

Keep handset and related hardware away from infants.

Infants 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, etc.



Compulsory

Safety Precautions

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.



Prohibited

Power off near electronic devices that employ high precision control systems or weak signals.

May cause electronic malfunctions, etc. 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.



Compulsory

Keep handset off aboard aircraft or in hospitals, etc. where mobile phone use is prohibited.

Handset use may affect electronic medical equipment and other electronic devices. For mobile phone use in medical facilities, obey corresponding medical facility rules. Conducting prohibited acts such as using mobile phone aboard aircraft is subject to penalty by law. However, if mobile phone use aboard aircraft is allowed under certain conditions (signal-transmitting functions are disabled, etc.), follow airline instructions.



Compulsory

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

May cause heart damage.



Compulsory

If thunder is audible while outdoors, power off; find cover.

There is a risk of lightning strike or electric shock.



Compulsory

Do not look into Infrared Port during Infrared transmissions.

Eyesight may be affected.



Prohibited



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.



Prohibited

For any skin irritation associated with use, discontinue use and consult a doctor.

Metal and other materials (P.12-4) may cause skin irritation, rashes, or itchiness depending on your physical condition.



Compulsory

Keep handset away from magnetic cards, etc.

Data on bank cards, credit cards, telephone cards, floppy disks, etc. may be lost.



Prohibited

Safety Precautions

Do not swing handset by Strap.

May harm self or others; Strap may break, resulting in injury or handset malfunction/breakage.



Prohibited

Handset may become hot while in use, especially in high temperature.

Prolonged contact with skin may cause burn injuries.



Compulsory

Always maintain some distance from Speaker while ringtones, music or other handset sounds play.

Excessive volume may damage ears or hearing.



Prohibited

Moderate handset Volume when using Headphones.

Excessive volume may damage ears or hearing.



Compulsory

Battery

Read Battery label to confirm battery type; use/dispose of Battery accordingly.

Symbol on Label	Battery Type
Li-ion00	Lithium-ion



DANGER

Do not dispose of Battery in fire.

Battery may leak, burst, ignite, etc.



Prohibited

Do not damage (nail, hammer, stomp, etc.) Battery or subject it to strong impact.

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



Prohibited

Keep wire or other metal objects away from Battery terminals. Do not carry/store Battery with conductive material (pencil lead, metal strip/jewelry, etc.).

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



Prohibited

If battery fluid gets in eyes, do not rub; rinse with water and consult a doctor immediately.

Eyes may be severely damaged.



Compulsory



WARNING

If battery fluid contacts skin or clothes, discontinue handset use and rinse with clean water immediately.

May cause skin damage.



Compulsory

If Battery does not charge properly, stop trying.

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



Compulsory

Safety Precautions

For abnormal odor, excessive heat, discoloration or distortion, remove Battery, being careful not to burn or injure yourself. Avoid sources of flame.



Compulsory

Continued use may cause Battery to leak, overheat, burst, ignite, etc.

Do not let your pet bite Battery.



Compulsory

Pet bites may cause Battery to leak, burst, overheat, ignite, etc.



CAUTION

Do not dispose of an exhausted Battery with ordinary refuse.



Prohibited

Battery may ignite or damage the environment. Insulate Battery by taping over Battery terminals before disposal. Take Battery to a WILLCOM Plaza/WILLCOM Counter, or follow the local disposal regulations.

AC Charger (Optional Accessory)



WARNING

Do not cover/wrap AC Charger while charging.



Prohibited

AC Charger may overheat, resulting in fire, malfunction, etc.

Use only the specified voltage.



Prohibited

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.

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



Disconnect Power Source

May cause electric shock, fire or malfunction.

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



Disconnect Power Source

May cause electric shock, smoke or fire.

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



Compulsory

Fire may result.

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



Compulsory

May cause electric shock, short circuit, fire, etc.

Do not touch plug with wet hands.



Do Not Use Wet Hands

May cause electric shock, malfunction, etc.

Do not touch AC Charger if thunder is audible.



Prohibited

May cause electric shock, etc.

Safety Precautions

Do not expose AC Charger to moisture (precipitation, bath/shower, etc.).

May cause fire, electric shock or malfunction.



Prohibited



CAUTION

Grasp plug to disconnect AC Charger before cleaning.

May cause electric shock, etc.



Disconnect
Power Source

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

Pulling plug by cord may damage cord; may cause electric shock, fire, etc.



Compulsory

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

May cause malfunction or injury.



Prohibited

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

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.

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, keep handset off near electronic medical equipment.
- Obey medical facility rules on mobile phone use.



Compulsory



Compulsory

Safety Precautions

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), disable signal-transmitting functions or power off beforehand. Persons with implanted pacemaker/defibrillator may be near.



Compulsory

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

General Notes

General Use

- We are not liable for any damages resulting from accidental loss/alteration of handset files or settings. Keep separate copies of contacts, etc.
- Handset transmissions may be disrupted inside buildings, tunnels or underground, or when moving into/out of such places; may affect calls.
- 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.

- Deliberate/accidental interception of communications constitutes eavesdropping.
- Beware of harmful/malicious websites. Take added care when posting personal information, etc.
- 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.

Handset & Hardware Care

- Handset is not completely water proof. To use it safely, read through "**Water & Dust Resistance**" (P.13-12) beforehand.
- Battery and optional accessories are not water or dust proof.
- If handset is left with no Battery inserted or an exhausted one, files and 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/Battery may become warm during operation or while charging. This is normal.
- Warranty does not cover malfunctions resulting from misuse.

General Notes

- Exposing Camera area to direct sunlight may damage Color Filter and affect image color.
- Battery may not charge properly if Port/terminals are obstructed by dust, etc. Clean with a dry cloth, cotton swab, etc.
- Clean handset with a soft dry cloth. Alcohol/solvent use may fade color/print.
- Do not subject handset to strong impact; do not poke Mic, Earpiece, Speaker, etc. with a cotton swab or sharp object; water/dust resistance may be affected.
- 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.
- Avoid placing handset directly on sand. Sand may penetrate Earpiece, Speaker, etc., resulting in low volume.
- Connect only specified products to External Device Port. Other devices may malfunction or cause damage.
- Always power off before removing Battery. If Battery is removed while saving data or sending mail, data may be lost, changed or destroyed.
- When walking outside, moderate handset Volume to avoid accidents.
- Avoid covering Speaker while using handset.

Camera

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

General Notes

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 confirm 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 or cancel Bluetooth® function immediately.
- 3 For additional information and support, contact WILLCOM Service Center (P.12-9).

● 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.

2.4FH1
: :

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.

Water & Dust Resistance

Water & Dust Resistance

Handset complies with IPX5 (former JIS protection level 5)¹ and IPX7 (former JIS protection level 7)² water protection standards as well as IP5X (JIS protection level 5)³ dust protection standard, with External Device Port Cover (hereafter "Port Cover") and Battery Cover closed firmly.

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.

³IP5X compliant means that a handset continues to function as a phone and its safety is maintained after being agitated in a device containing dust of 75 μm or smaller in diameter for 8 hours, then removed from the device.

- Water/dust resistance may be affected under some circumstances. Warranty does not cover malfunctions resulting from misuse.
- Handset is compliant with IPX5, IPX7 and IP5X water/dust protection standards. However, ingress of dirt, sand, mud, metal powder, food, beverage, etc. may cause malfunction.

Handset Care

- Close Battery Cover and Port Cover firmly. Debris (hair, sand, fibers, etc.) trapped between gasket and base may allow ingress of liquid/dust.
- If Battery/Port Cover is left open liquid exposure may cause handset malfunction/electric shock. Power off, then remove Battery.
- If handset is wet, wipe it with a dry cloth.
- Do not open/close Battery/Port Cover with wet hands or while handset is wet.
- 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; 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 extreme humidity for long periods; avoid prolonged use in bath/shower rooms.
- Do not use in saunas. Avoid hot air from dryers or other sources.

Water & Dust Resistance

- 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 **P.13-14** "Drying Handset").
- Battery and optional accessories are not water or dust proof.
- Do not subject handset to strong impact; do not poke Mic, Earpiece, Speaker, etc. with a cotton swab or sharp object; water/dust resistance may be affected.
- Avoid placing handset directly on sand. Sand may penetrate Earpiece, Speaker, etc., resulting in low volume.
- 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 Battery/Port Cover affects water/dust resistance; contact WILLCOM Service Center or Sharp Corporation Mobile Telecommunication Services Business Promotion Center.

Charging Precautions

- Charger and other optional accessories are not water or dust proof. Avoid moisture (precipitation, bath/shower, etc.); may cause fire, electric shock or damage.
- Never charge handset while it is wet; may cause fire or damage due to electric shock or short circuit.
- Close Port Cover firmly after charging.
- Do not touch Charger with wet hands. Electric shock may occur.
- Do not use Charger in rooms in which water is regularly in use (kitchens, bathrooms, shower rooms, etc.); may cause fire or electric shock.

Care & Maintenance

- Proper care of Port Cover gasket and Battery Cover gasket (for battery housing area) is crucial for continued handset water/dust resistance. Observe the following:
 - Do not remove or damage gaskets. Keep them clean.
 - Do not insert sharp objects into Port/Battery Cover gaps; may damage gasket and affect water/dust resistance.
 - If Port Cover gasket or Battery Cover gasket (for battery housing area) is damaged or deformed, contact WILLCOM Service Center or Sharp Corporation Mobile Telecommunication Services Business Promotion Center for gasket replacement.
- To maintain water/dust resistance, replace related parts every 2 years regardless of their condition. Customer-requested parts replacement incurs fees and requires handset submission. For details, contact **"Customer Service" (P.12-9)** or a WILLCOM Plaza/WILLCOM Counter.

Cleaning Handset

Washing Handset

Wipe off dirt, sand, beverage, etc., gently with a cloth. Then with Battery Cover closed, 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 Battery Cover and Port Cover; do not use a brush or sponge. Dry handset before use.

- Before washing handset, make sure that Battery Cover and Port Cover are closed firmly.
- Do not use a washing machine or ultrasonic cleaner.
- Do not place handset in a microwave oven to dry it. Battery/handset may leak, burst, overheat or ignite; may cause malfunction, accident or injury.
- Do not dry handset using extreme heat (hot air from dryers or other sources); may cause warping, discoloration or damage.

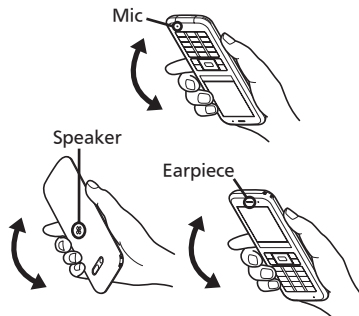
Drying Handset

Dry these parts when exposed to water:

- Earpiece, Mic, Speaker

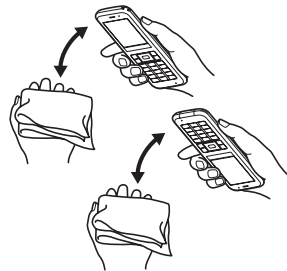
1 Wipe handset surface with dry cloth

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



- Be careful not to drop handset.

3 Pat against dry cloth to remove moisture from grooves



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

If Handset is Used in Wet Conditions

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