

First Step Guide

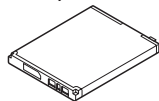
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See Online User Guide for "Safety Precautions."

Before Using Handset

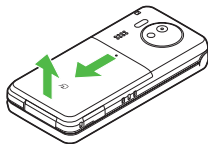
Accessory

Battery (SHBCC1)



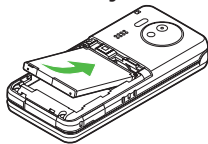
Battery Installation

1 Remove cover

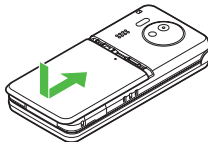


• Press and slide as shown.

2 Insert battery

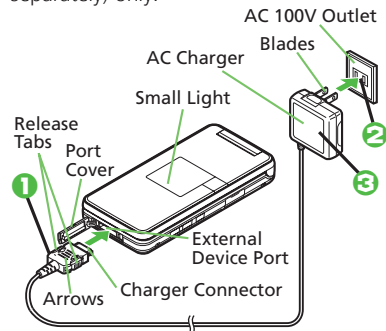


3 Close cover



Charging

Use specified AC Charger ZTDAA1 (sold separately) only.



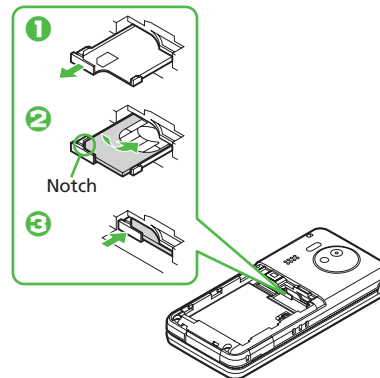
1 Open Port Cover to connect AC Charger

2 Plug AC Charger into AC outlet

- Small Light illuminates red while charging.
- Small Light goes out when battery is full.

3 After charging, unplug AC Charger, then disconnect handset

USIM Card Installation



1 Using Tab, pull out Tray until it clicks

2 Slide in USIM Card with IC chip facing up

3 Push in Tray fully

4 Insert battery (P.ii)

- First power off handset and remove battery.
- Do not force USIM Card into/out of handset.
- USIM Card must be inserted to use handset.

USIM PINs

■ PIN

4-digit code; activate PIN Entry to restrict usage.

■ PIN2

Required to clear Call Costs and to set Max Cost.

PIN and PIN2, **9999** by default, are changeable.

■ PIN Lock & Cancellation (PUK Code*)

Entering incorrect PIN or PIN2 three consecutive times locks USIM Card, disabling handset. Enter PUK Code to unlock. For details, contact SoftBank Customer Center, General Information.

*USIM Personal Unblocking Key (PUK Code) unblocks a USIM Card blocked after the wrong PIN has been entered three consecutive times. Each USIM Card has a unique PUK Code. Do not disclose it to unauthorized persons.

Before Using Handset

Manner Mode

■ Minding Mobile Manners

Please use handset responsibly. Inappropriate handset use can be both dangerous and bothersome. Please take care not to disturb others when using handset. Adjust handset use according to your surroundings.

Activating/Canceling Manner Mode

- (Long)

Security Codes

■ Handset Code

9999 by default; use or change some functions.

■ Center Access Code

4-digit code selected at contract; access Optional Services via landlines or change contract details.

■ Network Password

4-digit code selected at contract; restrict incoming/outgoing calls (Call Barring).

- Message appears for incorrect code entries; retry.
- If Network Password is incorrectly entered three times consecutively, Call Barring settings are locked. To resolve, Network Password and Center Access Code must be changed. For details, contact SoftBank Customer Center, General Information.

Specifications

Weight*	●● g
Continuous Talk Time*	230 minutes (3G) 210 minutes (GSM)
Continuous Standby Time* (handset closed)	310 hours (3G) 280 hours (GSM)
Charging Time* (power off)	AC Charger: 135 minutes In-Car Charger: 140 minutes
Dimensions* (W x H x D)	●● x ●● x ●● mm (handset closed, without protruding parts)
Maximum Output	0.25 W (3G) 2.0 W (GSM)

● Values calculated with battery installed.

*Approximate value

Display Indicators & Key Assignments

Signal strength	Manner mode active
Packet transmission available (3G)	Battery strength
Packet transmission available (GSM)	New Voicemail
Unread mail	Alarm set
Memory Card in use	

The diagram shows a handset with various keys and their functions. Lines connect the keys to their respective descriptions in the tables below.

Open Messaging menu or execute Softkey functions	Open Shortcuts menu. In text entry windows, toggle upper/lower case	Delete entries, escape/return to previous window	Initiate/answer calls	Enter numbers/characters	Open Dictionary	Select handset mode
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Multi Selector	Open Yahoo! Keitai Main Menu or execute Softkey functions	Activate TV or switch entry mode	Turn handset power on/off
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Side Key

Multi Selector operations are indicated in this guide as shown below:

- : Press the center
- ◁: Press the left side
- ▷: Press the right side
- : Press the bottom

Side Key operation is indicated in this guide as shown below:

- ▶: Press ◀ or ▶

Before Using Handset

Menu List

Messaging	Camera	Document Viewer	Blog Tool	Connectivity
Received Msg.	Photo Camera	Notepad	Phone	Infrared
Create Message	Video Camera	Scratch Pad	Phone Book	IC Transmission
Retrieve New Msg.	Scan Barcode	ASCII Art	Add New Entry	USB Mode
Drafts	Scan Card	Voice Recorder	Information	USB Charge
Templates	Scan Text	Barcode/Scan	Call Log	Memory Card
Sent Messages	Review	Phone Help	Play Messages	Backup/Restore
Unsent Messages	Photo Camera Settings	Data Folder	Call Voicemail	Call
Chat Folder	Video Camera Settings	Pictures	Category Control	Call Time & Cost
Server Mail Box	Entertainment	DCIM	My Details	Answer Phone
Create New SMS	Mobile Widget	Ring Songs•Tones	Speed Dial/Mail	Voicemail/Divert
Settings	S! Quick News	S! Appli	Mail Groups	Video Call
Memory Status	S! Information Channel/Weather	Widget	S! Addressbook Backup	Show My Number
Yahoo! Keitai	BookSurfing	Music	Ph.Book Settings	Missed Calls
Yahoo! Keitai	e-Book Viewer	Videos	Call Log Settings	Int'l Calling
Bookmarks	Tools	Lifestyle-Appli	Manage Entries	Disp. Time/Cost
Saved Pages	PIM/Lifestyle	Books	Settings	Call Barring
Enter URL	Calendar	Customized Screen	Phone	Minute Minder
History	Alarms	Status Templates	Mode Settings	Decoration Call
PC Site Browser	Wakeup TV	Decoration Call	Display	Auto Answer
Browser Settings	Tasks	Flash@	Customize	Call Waiting
S! Appli	Calculator	Other Documents	Sounds & Alerts	Network
S! Appli Library	Expenses Memo	Memory Status	Date & Time	Select Network
Osaifu-Keitai	Osaifu-Keitai	Media Player	Set Key Light	Select Service
Notification History	Simulated Call	Music	言語選択 (Language)	Offline Mode
Settings	Clocks/Gauges	Videos	User Dictionary	Retrieve NW Info
Information	Stopwatch	Streaming	Set Key Shortcut	Location Info
TV	Countdown Timer	Settings	Ringer Output	Network Info
Digital TV	World Clock	MTP Mode	Earpiece Volume	External Device
TV Player	Hour Minder	Communication	Change Menu	
TV Link	Battery Meter	S! Town	Double Number Settings	
TV Listing	Doc/Rec.	S! Loop	Locks	
Reservation List	Dictionary	S! Friend's Status	Software Update	
Settings	Search	S! Circle Talk	Master Reset	

Handset Functions

Basic Operations

Handset Power On/Off

■ Power On

☞ (Long)

If Japanese appears first time 831SH powers on, press three times, choose はい and press . In Standby, press , choose いいえ and press . In Main Menu, change interface to English (below).

■ Power Off

☞ (Long)

English Interface

➞ 設定 ➞ ➞ Language ➞ ➞ English ➞

Network Settings

Retrieve Network Information to use Network-related services; the first time you press , or , a prompt appears.
, or ➞ Yes ➞

Setting Clock

➞ Settings ➞ ➞ Date & Time ➞ ➞ Set Date/Time ➞ ➞ Enter date and time (24-hour format) ➞

My Phone Number

➞

Calling

Voice Call

Enter number ➞

• ➞ Call ends

Redialing

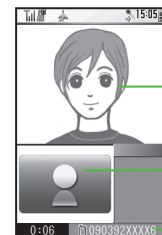
➞ A record ➞

• ➞ Call ends

Video Call

Enter number ➞ ➞ Video Call ➞

• ➞ Call ends



Incoming Image

Outgoing Image

Other Party's Number/Name

Handset Functions

International Call

Enter number → → **Int'l Call** →

A country → →

- → Call ends
- 831SH is Global Roaming eligible. For details, contact SoftBank Customer Center, General Information.

Answering a Call

When a call arrives,

- → Call ends

Answer Phone

■ Activating

(Long)

- To cancel, (Long)

■ Playing Messages

→ A record →

- To stop,

Text Entry

Switching Entry Modes

In text entry windows, → A mode →

	Kanji (hiragana)
	Double-byte katakana
	Single-byte katakana
	Double-byte alphanumeric
	Single-byte alphanumeric
	Single-byte number
	Character Code

Example: Entering no

In text entry windows, → **Abc** →

→ → →

Messaging

SMS/S! Mail

■ SMS

Exchange up to 160 alphanumeric with SoftBank handsets.

■ S! Mail

Exchange up to 30,000 characters with e-mail compatible SoftBank handsets or other devices; attach media files, etc.

Customizing Address

Change alphanumerics before @ of the default handset mail address. Customizing handset mail address helps reduce spam.

→ **Settings** → → **Address Settings** → → **English** → → Onscreen instructions

Sending Messages

→ **Create Message** (S! Mail) or **Create New SMS** → → Enter recipient → Enter subject (S! Mail) → Attach files (S! Mail) → Enter text →

Receiving Messages

Information window opens for new mail.
 to open message list.

Phone Book

Phone Book Entry Items

■ Phone Number

Enter up to five numbers on handset (32 digits each).

■ Mail Address

Enter up to five addresses on handset (128 single-byte alphanumerics each).

Saving to Phone Book

→ **Phone** → → **Add New Entry** → → **Last Name:** → → Enter → → **First Name:** → → Enter → → **Add Phone Number:** → → Enter number → → An icon → → **Add Email Address:** → → Enter address → → An icon →

Editing Entries

→ An entry → → **Edit** → → An item → → Edit →

Dialing via Phone Book

→ Enter reading → A name → → A phone number →

Voicemail

Activating

→ **Settings** → → **Call** → **Voicemail/Divert** → → **Voicemail** → → **Activate** → → **Always or No Answer** → → Ring time (for **No Answer**) →

Playing Messages

→ **Phone** → → **Call Voicemail** →

Follow the voice guidance

Handset Functions

Mobile Camera

Capturing Still Images

[Camera] → *Camera* → [Photo Camera] → [Frame image on Display]

Recording Video

[Camera] → *Video Camera* → [Frame image on Display]

Digital TV

Area Setup

Follow these steps when activating TV for the first time.

[Yes] → A region → A prefecture → A locality

Watching TV

[A channel] → [to adjust volume]

• To end, [Yes]

■ Panel Description

Program name
 Channel key
 Area name
 Station name
 Sound Language
 Signal strength
 Channel
 Volume



Recording/Playing Programs

Insert Memory Card beforehand.

■ Recording

[A channel] → (Long) to start
 → (Long) to end

■ Playing

[TV Player] → A file
 • To stop, (Long)

Yahoo! Keitai

Accessing Yahoo! Keitai

[メニューリスト] → *English*
 Highlight a menu item

Using PC Site Browser

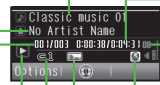
[Yahoo! Keitai] → *PC Site Browser*
 → *Enter URL* → URL
 Highlight a menu item

Media Player

Playing Music

[Media Player] → *Music* → *My Music* → *Music or Ring Tones* → *All Music* → A file

Artist name
 Title
 Elapsed time
 Track number
 Status
 Playback Mode
 Volume
 Information link
 Sound Effects



Adding Playlists

[Media Player] → *Music* → *My Music* → *Music or Ring Tones* → *Add New Playlist* → Enter name

Using Playlists

[Media Player] → *Music* → *My Music* → *Music or Ring Tones* → A Playlist → A file

Managing Files

Opening Files

[Data Folder] → A folder → A file

Format Memory Card

[Settings] → *Connectivity* → *Memory Card* → *Format Card* → Yes → Handset Code → Yes

Software Update

Precaution

Before updating software, end all active functions/applications.

Updating Software

[Settings] → *Software Update* → *Software Update*

General Notes

Electromagnetic Waves

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

CE Declaration of Conformity

CE 0168

Hereby, Sharp Telecommunications of Europe Ltd, declares that 831SH is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the original declaration of conformity for each model can be found at the following Internet address: <http://www.sharp.co.jp/k-tai/>

Battery - CAUTION

Use specified battery or Charger only.

Non-specified equipment use may cause malfunctions, electric shock or fire due to battery leakage, overheating or bursting.

Do not dispose of an exhausted battery with ordinary refuse; always tape over battery terminals before disposal. Take battery to a SoftBank Shop, or follow the local disposal regulations.

Charge battery in ambient temperatures between 5°C and 35°C; outside this range, battery may leak/overheat and performance may deteriorate.

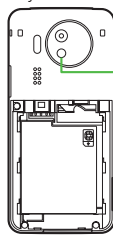
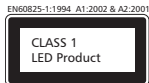
Mobile Light

Do not use Mobile Light near people's faces.

Eyesight may be temporarily affected leading to accidents.

CAUTION:

Use of controls, adjustments or performance of procedure other than those specified herein may result in hazardous radiation exposure. As the emission level from Mobile Light LED used in this product is harmful to the eyes, do not attempt to disassemble the cabinet. Servicing is limited to qualified servicing station only.



Mobile Light

Mobile Light LED Properties

- a) Emission Duration: Continuous
- b) Wavelength
 - White: 400 - 700 nm
- c) Maximum Emission Output
 - White: 310 μ W (620 μ W inside handset)

European RF Exposure Information

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide*.

Highest SAR value:

Model	At the Ear**	On the Body
831SH	1.109 W/kg	0.871 W/kg

As SAR is measured utilizing the device's highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the Network. The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a handsfree device to keep the mobile phone away from the head and body.

*Please see Electromagnetic Waves on P.xii for important notes regarding body-worn operation.

**Measured in accordance with international guidelines for testing.

FCC Notice

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

FCC Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

General Notes

■ FCC RF Exposure Information

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

The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

Highest SAR value:

Model	FCC ID	At the Ear	On the Body
831SH	APYHRO00091	0.590 W/kg	0.450 W/kg

This device was tested for typical body-worn operations with the back of the handset kept 1.5 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5 cm separation distance between the user's body and the back of the handset. The use of beltclips, holsters and similar accessories should not contain metallic components in its assembly.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file

with the FCC and can be found at <https://fjallfoss.fcc.gov/oetcf/eas/reports/GenericSearch.cfm> under the Display Grant section after searching on the corresponding FCC ID (see table on the left). Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Website at <http://www.phonefacts.net>.

Customer Service

SoftBank Customer Center

From a SoftBank handset, dial toll free at

157 (General Information) 113 (Customer Assistance)

SoftBank Global Call Center

From outside Japan, dial

+81-3-5351-3491 (International charges apply)

Call this number immediately if handset/USIM Card is lost or stolen while outside Japan.

■ Call these numbers toll free from landlines.

Subscription Area	Service Center	Phone Number
Hokkaido, Aomori, Akita, Iwate, Yamagata, Miyagi, Fukushima, Niigata, Tokyo, Kanagawa, Chiba, Saitama, Ibaraki, Tochigi, Gunma, Yamanashi, Nagano, Toyama, Ishikawa, Fukui	General Information	☎ 0088-240-157
	Customer Assistance	☎ 0088-240-113
Aichi, Gifu, Mie, Shizuoka	General Information	☎ 0088-241-157
	Customer Assistance	☎ 0088-241-113
Osaka, Hyogo, Kyoto, Nara, Shiga, Wakayama	General Information	☎ 0088-242-157
	Customer Assistance	☎ 0088-242-113
Hiroshima, Okayama, Yamaguchi, Tottori, Shimane, Tokushima, Kagawa, Ehime, Kochi, Fukuoka, Saga, Nagasaki, Oita, Kumamoto, Miyazaki, Kagoshima, Okinawa	General Information	☎ 0088-250-157
	Customer Assistance	☎ 0088-250-113