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# 15

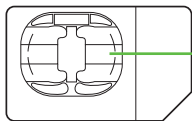
## Appendix



## About USIM Card

USIM Card is an IC card containing customer and authentication information, including the handset number. USIM Card must be inserted to use this handset. Save Phone Book entries on USIM Card Phone Book to use them on other SoftBank handsets. Depending on the USIM Card in use, some entry items may not be supported, and some limits (character entry, etc.) may be lower.

### Precautions



IC Chip

- Do not insert USIM Card into any other IC card device. SoftBank is not liable for resulting damages.
- Keep the USIM Card IC chip clean; malfunction may result. Use a dry, soft cloth to clean the USIM Card.
- Do not attach labels to USIM Card. Malfunction may result.

### Important

- USIM Card is the property of SoftBank.
- USIM Card will be reissued for a fee if lost or damaged.
- Return USIM Card to SoftBank upon subscription termination.
- Returned USIM Cards are recycled.
- USIM Card specifications may change without prior notice.
- Back up USIM Card files. SoftBank is not liable for lost files.
- If your USIM Card or handset (with USIM Card inserted) is lost or stolen, suspend your service immediately. For details, contact SoftBank Mobile Customer Center, General Information (P.15-41).

### USIM PIN

4-digit code (**9999** by default); activate PIN Entry to restrict usage.

#### PUK Lock

- Entering incorrect PIN three consecutive times activates PIN Lock, limiting handset use.

#### Canceling PIN Lock

- Contact SoftBank Mobile Customer Center, General Information (P.15-41) for your Personal Unblocking Key (PUK Code) and follow these steps:

**Enter PUK Code** ➔ ● ➔ **Enter new PIN** ➔ ● ➔ **Re-enter new PIN** ➔ ●

- Write down PUK code.

#### PUK Lock

- Entering incorrect PUK Code ten consecutive times activates PUK Lock, disabling handset. Contact SoftBank Mobile Customer Center, General Information (P.15-41) for recovery.

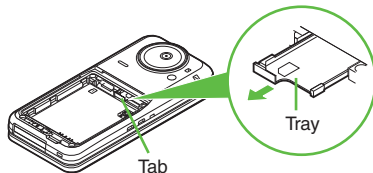


## USIM Card Installation

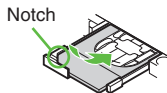
- Do not apply excessive force to insert/remove USIM Card.
- USIM Card must be inserted to use this handset.

### Inserting

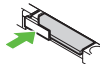
- 1 Remove battery (P.15-4)
- 2 Using Tab, pull out Tray as shown until it clicks



- 3 Slide in USIM Card with IC chip facing up



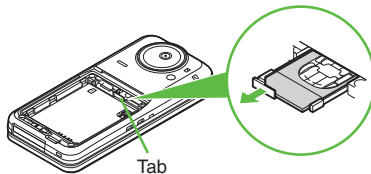
- 4 Push in Tray fully



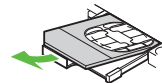
- Reinstall battery (P.15-4).

### Removing

- 1 Remove battery
- 2 Using Tab, pull out Tray as shown until it clicks



- 3 Lift and slide out USIM Card as shown



- Reinstall battery.
- Take care not to lose removed USIM Card.

### After Repairs, USIM Card Replacement or Handset Upgrade/Replacement

- Some downloaded files may be inaccessible. In addition, S! Applications, BookSurfing® and Near Chat may be disabled after USIM Card replacement.



# Battery Installation

## About Battery

- Charge battery at least once every six months; an uncharged battery may become unusable 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 device charging terminals with a dry cotton swab.
- To maintain water resistance, close Battery Cover properly.
- Battery is not waterproofed.

### Lithium-ion Battery

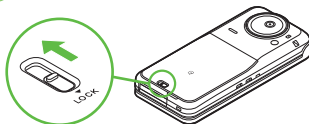
- This product requires a lithium-ion battery. Lithium-ion batteries are a recyclable resource.



- To recycle a used lithium-ion battery, take it to any shop displaying the symbol shown above.
- To avoid fire or electric shock, do not short-circuit or disassemble battery.

## Inserting & Removing

### 1 Unlock Battery Cover

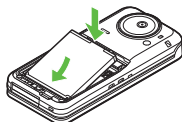


### 2 Remove cover



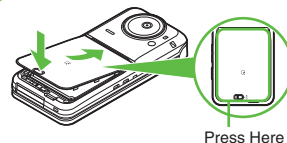
- Lift as shown.

### 3 Insert battery



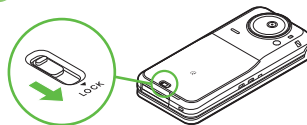
- With logo side up, fit tabs into battery cavity slots.

### 4 Close cover



- Fit cover top into slot, then press down firmly.

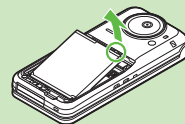
### 5 Lock cover



- Slide switch as shown until it clicks.
- Close cover firmly. Water may seep inside handset when there is debris between cover and base.

### Removing

- Turn handset power off and lift battery as shown.



## Software Update




Check for firmware updates and download as required.

### Precautions

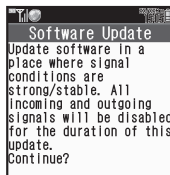
- Handset is disabled until update is complete. Update may take up to approximately 30 minutes.
- Update failure may disable handset. To reduce failure risk, make sure signal is strong and stable, and charge battery beforehand.
- Update will not start if other functions are in use. Before updating software (or before scheduled update time), end all active functions/applications.
- Disconnect USB Cable beforehand to reduce failure risk.
- Always back up important information. SoftBank cannot be held liable for damages from lost information, etc.

### Updating Software

Packet transmission fees do not apply to updates (including checking, downloading and rewriting).

1  ➔ **Settings** ➔  ➔ **In Phone menu, Software Update** ➔ 

2 **Software Update** ➔ 



- Follow onscreen instructions.

### Setting Update Period (Japanese)


In  **Update Period** ➔ 

- Follow onscreen instructions.

### Update Result

In  **Update Result** ➔ 

### Scheduled Update


Confirmation appears at scheduled update time. Press  or wait a while for update to start.

### When Updated

Update success notification appears and handset reboots.

After reboot, completion message appears and Information window opens.

### Update Result

While Information window appears, **Update Result** ➔ 

### Reboot Failure

- If handset does not return to Standby after update, turn power off, reinsert battery, then restart it. If it still does not restart, contact SoftBank Mobile Customer Center, Customer Assistance (P.15-41).



## Cleaning Handset

### Washing Handset

With Battery Cover locked, hold handset approximately 10 cm below faucet or shower head and wash with low-pressure tap water (6 liters/min. or lower) at normal temperature (5°C - 35°C). Wash with your hands, taking care not to open the covers; do not use a brush or sponge. Dry handset before use.

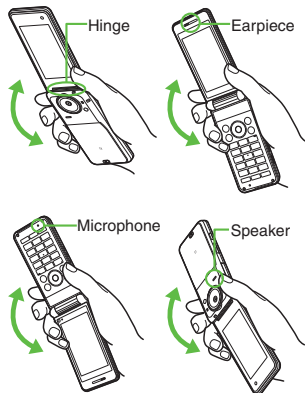
- Before washing handset, make sure that Battery Cover and Port Covers are closed firmly.
- Do not use a washing machine or ultrasonic cleaner.
- Do not place handset in a microwave oven to dry it. Battery/handset may leak, burst, overheat or ignite; may cause malfunction, accident or injury.
- Do not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

### Drying Handset

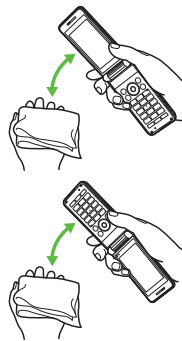
Dry these parts/areas after washing handset:

Hinge	Earpiece
Microphone	Speaker

- 1 Wipe handset surface with dry cloth
- 2 Holding hinge firmly by its sides, shake handset about 20 times



- 3 Pat against dry cloth to remove moisture from grooves



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





#### Do Not Use Wet Handset

- 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 causing malfunction.



# Troubleshooting

## ■ General

Problem	Possible Cause	Solution
<b>Handset won't turn on</b>	Was  pressed long enough?	Press  longer.
	Battery may need to be charged or replaced.	Charge battery or install a charged battery.
	Battery may not be properly installed.	Install battery properly (P.15-4).
<b>Handset won't respond</b>	Is <b>Switch On/Off</b> in PIN Entry <b>On</b> ?	If <b>On</b> , PIN is required. Enter PIN according to onscreen prompt.
<b>Insert USIM Card appears</b>	USIM Card may not be properly inserted.	Turn power off and check that USIM Card is properly inserted, then restart handset. If the message still appears, USIM may be damaged.
	The correct USIM Card may not be inserted.	Make sure the correct USIM Card is inserted. The inserted USIM Card may not be valid.
	There may be debris on IC chip/terminals.	Clean relevant parts with a dry cloth and re-insert.
<b>REFRESH appears and handset returns to Standby</b>	Handset may have been dropped or subjected to shocks.	Handset failed to recognize USIM Card temporarily. This is not a malfunction.
<b>Keypad won't respond</b>	Keypad Lock may be active (  appears).	Cancel Keypad Lock (P.1-27).
	Function Lock may be active (  appears).	Cancel Function Lock (P.11-2).

Problem	Possible Cause	Solution
<b>Battery strength indicator flashes when not charging</b>	Ambient temperature may be outside 5°C to 35°C.	Use within an ambient temperature of 5°C - 35°C.
<b>Saved entry/folder does not appear on handset</b>	Entry/folder may be set to Secret.	Activate Show Secret Data (P.11-3).
<b>Cannot use Predictive</b>	Show Secret Data may be active.	Cancel Show Secret Data.
<b>Handset/AC Charger feels warm</b>	Handset/AC Charger may warm while charging.	Unless handset/AC Charger is too hot to touch, warmth is considered normal. Always avoid prolonged skin contact to prevent burn injuries.
	Handset may warm during extended periods of use.	
	Handset may warm during Video Calls.	
<b>Cannot access Memory Card files</b>	Memory Card may not be properly formatted.	Use 934SH-formatted Memory Cards.
<b>Clock settings are lost</b>	Did you leave handset without battery?	Clock settings remain even when removing battery for replacement, etc. However, if handset is left with no battery or an exhausted one for an extended period of time (approximately one hour), Clock will need to be reset.



■ **Charger/Battery**

Problem	Possible Cause	Solution
<b>Battery charges quickly</b>	Remaining charge shortens charging time.	This is normal.
	Battery may be terminally exhausted or defective. (Small Light flashes red.)	Replace battery with a new one.
<b>Battery charges slowly</b>	Charging slows during Video Calls.	End the call to charge faster.
	Battery may be charging via USB.	Use AC Charger.
<b>Battery won't charge</b>	AC Charger may not be properly connected to handset.	Make sure connector is securely inserted and retry.
	AC Charger may not be firmly plugged in to AC outlet.	Remove plug from outlet, re-insert and retry.
	Battery may not be properly installed.	Install battery properly (P.15-4).
	Battery, AC Charger, or Charging Terminals, or Device Port may be obstructed by dust, etc.	Clean terminals, connector and Port with a dry cotton swab and retry.
	Charger, etc. may not be supported.	Use specified AC Charger, etc. only; others may damage battery.

Problem	Possible Cause	Solution
<b>Battery Time seems shorter than usual</b>	High power consuming operations are in use.	Keep handset closed in Standby; reduce TV, S! Application, Media Player and Camera use, and limit transmissions/external connections.
	Using handset in poor conditions may shorten Battery Time.	Avoid prolonged use of handset out-of-range or in poor signal conditions.
	Power hungry settings may be active.	Lower Brightness, select shorter Display Saving/ Backlight time, etc.





## Key Assignments

Key	Kanji (Hiragana) [Double-byte]	Katakana [Double & Single-byte]	Alphanumerics [Double & Single-byte]	Numbers [Single-byte]	Character Codes
[1 2]	あいうえお あいうえお	アイウエオ アイウエオ	@./_-1 □ (space)	1	1
[2 3]	かきくけこ	カキクケコ	ABCabc2	2	2
[3 4]	さしすせそ	サシスセソ	DEFdef3	3	3
[4 5]	たちつてとつ	タチツテトツ	GHIghi4	4	4
[5 6]	なにぬねの	ナニヌネノ	JKLjkl5	5	5
[6 7]	はひふへほ	ハヒフヘホ	MNOmno6	6	6
[7 8]	まみむめも	マミムメモ	PQRSpqrs7	7	7
[8 9]	やゆよやゆよ	ヤユヨヤユヨ	TUVtuv8	8	8
[9 0]	らりるれろ	ラリルレロ	WXYZwxyz9	9	9
[0 12]	わをんー ..	ワヲンー ..*_1	0	0	0
[X 12]	Log, Pictogram List (double-byte), Symbol List <sup>3</sup>				✕ + P (pause) ? - <sup>2</sup>
[# 12]	.. # (line break) ? ! □ (space)		.. # (line break) ?! □ (space)	#	

<sup>1</sup> - is available only in single-byte katakana entry.

<sup>2</sup> Available for phone number entry; some characters may not be enterable in some windows.

<sup>3</sup> May not be enterable in some windows.



## Key Assignments

Key	Kanji (Hiragana) [Double-byte]	Katakana [Double & Single-byte]	Alphanumerics [Double & Single-byte]	Numbers [Single-byte]	Character Codes
	Conversion (up) <sup>4</sup>	Cursor up			
	Conversion (down) <sup>5</sup>	Cursor down ↓ (line break)			
	Cursor left				
	Cursor right				
	Switch entry modes (except during conversion)				
	Toggle Personal Mode <sup>6</sup>	_____	Toggle Personal Mode <sup>6,7</sup>	_____	
	Toggle case (for some characters)		_____		
	_____	Toggle mode (upper/ lower and lower case)		_____	
	Delete one character				
	Cancel conversion	_____	Cancel conversion <sup>7</sup>	_____	Delete code
 (Long)	Delete before or after cursor				
	Recover characters deleted with				
	Re-convert <sup>8</sup>	_____	Re-convert <sup>7,8</sup>	_____	
	OK				
	Phonetic Conversion	_____			
	Hiragana to Katakana/ Alphanumeric Conversion	_____			

<sup>4</sup>Cursor moves up except during conversion.

<sup>5</sup>Cursor moves down except during conversion.

<sup>6</sup>Available during conversion.

<sup>7</sup>Available only in single-byte alphanumeric entry.


<sup>8</sup>Press immediately after inserting characters to re-convert them.





# Pager Code List

Gray background indicates upper and lower case available. Press  to switch immediately after character entry.

## Double-byte Upper Case

		Second Digit (Press Next)									
		1	2	3	4	5	6	7	8	9	0
First Digit (Press First)	1	あ	い	う	え	お	A	B	C	D	E
	2	か	き	く	け	こ	F	G	H	I	J
	3	さ	し	す	せ	そ	K	L	M	N	O
	4	た	ち	つ	て	と	P	Q	R	S	T
	5	な	に	ぬ	ね	の	U	V	W	X	Y
	6	は	ひ	ふ	へ	ほ	Z	?	!	-	/
	7	ま	み	む	め	も	¥	&		*1	
	8	や	(	ゆ	)	よ	*	#	Space		*2
	9	ら	り	る	れ	ろ	1	2	3	4	5
	0	わ	を	ん	.	。	6	7	8	9	0

## Single-byte Upper Case

		Second Digit (Press Next)									
		1	2	3	4	5	6	7	8	9	0
First Digit (Press First)	1	ア	イ	ウ	エ	オ	A	B	C	D	E
	2	カ	キ	ク	ケ	コ	F	G	H	I	J
	3	サ	シ	ス	セ	ソ	K	L	M	N	O
	4	タ	チ	ツ	テ	ト	P	Q	R	S	T
	5	ナ	ニ	ヌ	ネ	ノ	U	V	W	X	Y
	6	ハ	ヒ	フ	ヘ	ホ	Z	?	!	-	/
	7	マ	ミ	ム	メ	モ	¥	&		*1	
	8	ヤ	(	ユ	)	ヨ	*	#	Space		*2
	9	ラ	リ	ル	レ	ロ	1	2	3	4	5
	0	ワ	ヲ	ン	.	。	6	7	8	9	0




## Double-byte Lower Case

		Second Digit (Press Next)									
		1	2	3	4	5	6	7	8	9	0
First Digit (Press First)	1	あ	い	う	え	お	a	b	c	d	e
	2						f	g	h	i	j
	3						k	l	m	n	o
	4			つ			p	q	r	s	t
	5						u	v	w	x	y
	6						z				
	7										*1
	8	や		ゆ		よ					*2
	9										
	0					.	。				

## Single-byte Lower Case

		Second Digit (Press Next)									
		1	2	3	4	5	6	7	8	9	0
First Digit (Press First)	1	ア	イ	ウ	エ	オ	a	b	c	d	e
	2						f	g	h	i	j
	3						k	l	m	n	o
	4			ツ			p	q	r	s	t
	5						u	v	w	x	y
	6						z				
	7										*1
	8	ヤ		ユ		ヨ					*2
	9										
	0					.	。				

\*1 Press    to insert  (line break) in mail message text, Notepad, etc.

\*2 Press    to toggle upper and lower case modes.



# Character Code List

First Three Digits	Last Digit									First Three Digits	Last Digit									First Three Digits	Last Digit															
	0	1	2	3	4	5	6	7	8		9	0	1	2	3	4	5	6	7		8	9	0	1	2	3	4	5	6	7	8	9				
010										047	ゆ	よ	ら	る	れ	ろ	わ	わ	161	葵	菫	蕪	握	旭	葦	鈔	188	介	会	解	回	塊	廻	快	怪	恠
011	↓	°	°	°	°	°	°	°	°	048	ぬ	系	を	ん					162	梓	乾	粟	宛	蛇	鮎	189	恢	懷	戒	拐	塊	廻	快	怪	恠	
012	↑	°	°	°	°	°	°	°	°									163	粘	栗		安	庵	鮎	鮎	190	恢	懷	戒	拐	塊	廻	快	怪	恠	
013	←	°	°	°	°	°	°	°	°	050	ア	イ	ウ	エ	オ			164	較	否		安	庵	鮎	鮎	191	蟹	懷	戒	拐	塊	廻	快	怪	恠	
014	→	°	°	°	°	°	°	°	°	051	オ	ア	イ	ウ	エ	オ										192	蟹	懷	戒	拐	塊	廻	快	怪	恠	
015	↖	°	°	°	°	°	°	°	°	052	カ	キ	ク	ケ	コ											193	蟹	懷	戒	拐	塊	廻	快	怪	恠	
016	↗	°	°	°	°	°	°	°	°	053	サ	シ	ス	セ	ソ											194	蟹	懷	戒	拐	塊	廻	快	怪	恠	
017	↘	°	°	°	°	°	°	°	°	054	タ	チ	ツ	テ	ト											195	蟹	懷	戒	拐	塊	廻	快	怪	恠	
018	↙	°	°	°	°	°	°	°	°	055	ト	ニ	フ	ヘ	バ											196	蟹	懷	戒	拐	塊	廻	快	怪	恠	
019	★	○	●	◇	◇	◇	◇	◇	◇	056	ポ	ピ	プ	ペ	ポ											197	蟹	懷	戒	拐	塊	廻	快	怪	恠	
020	◆	□	■	▲	▼	▼	▼	▼	▼	057	ヨ	ヨ	ヨ	ヨ	ヨ											198	蟹	懷	戒	拐	塊	廻	快	怪	恠	
021	→	↑	↓	▲	▼	▼	▼	▼	▼	058	コ	コ	コ	コ	コ											199	蟹	懷	戒	拐	塊	廻	快	怪	恠	
022																										200	蟹	懷	戒	拐	塊	廻	快	怪	恠	
023	↖	↗	↘	↙	↘	↙	↘	↙	↘	060	ア	イ	ウ	エ	オ											170	迂	迂	迂	迂	迂	迂	迂	迂	迂	
024	↗	↘	↙	↘	↙	↘	↙	↘	↙	061	カ	キ	ク	ケ	コ											171	迂	迂	迂	迂	迂	迂	迂	迂	迂	
	↘	↙	↘	↙	↘	↙	↘	↙	↘	062	γ	φ	χ	ψ	ω											172	迂	迂	迂	迂	迂	迂	迂	迂	迂	
026	∠	∞	∞	∞	∞	∞	∞	∞	∞	063	θ	ι	κ	λ	μ											173	迂	迂	迂	迂	迂	迂	迂	迂	迂	
027	∞	∞	∞	∞	∞	∞	∞	∞	∞	064	θ	ι	κ	λ	μ											174	迂	迂	迂	迂	迂	迂	迂	迂	迂	
028	∞	∞	∞	∞	∞	∞	∞	∞	∞	065	σ	τ	υ	φ	χ											175	迂	迂	迂	迂	迂	迂	迂	迂	迂	
029	∞	∞	∞	∞	∞	∞	∞	∞	∞	070	Α	Β	Γ	Δ	Ε											176	迂	迂	迂	迂	迂	迂	迂	迂	迂	
031										071	И	Й	К	Л	М											177	迂	迂	迂	迂	迂	迂	迂	迂	迂	
032	4	5	6	7	8	9	0	1	2	072	У	Ф	Х	Ц	Ч											178	迂	迂	迂	迂	迂	迂	迂	迂	迂	
033										073	Ь	Э	Ю	Я												179	迂	迂	迂	迂	迂	迂	迂	迂	迂	
034	H	R	S	J	T	A	K	L	V	074	б	в	г	д	е											180	迂	迂	迂	迂	迂	迂	迂	迂	迂	
035	I	S	J	T	A	K	L	V	W	075	г	д	е	ё	ж											181	迂	迂	迂	迂	迂	迂	迂	迂	迂	
036	H	R	S	J	T	A	K	L	V	076	к	л	м	н	о											182	迂	迂	迂	迂	迂	迂	迂	迂	迂	
037	f	g	h	i	s	a	k	u	v	077	ф	я														183	迂	迂	迂	迂	迂	迂	迂	迂	迂	
038	p	q	r	s	t	c	m	w	x	078	ю	я														184	迂	迂	迂	迂	迂	迂	迂	迂	迂	
039																										185	迂	迂	迂	迂	迂	迂	迂	迂	迂	
040										080	一	一	一	一	一											186	迂	迂	迂	迂	迂	迂	迂	迂	迂	
041										081	一	一	一	一	一											187	迂	迂	迂	迂	迂	迂	迂	迂	迂	
042										082	一	一	一	一	一											188	迂	迂	迂	迂	迂	迂	迂	迂	迂	
043										083	一	一	一	一	一											189	迂	迂	迂	迂	迂	迂	迂	迂	迂	
044																										190	迂	迂	迂	迂	迂	迂	迂	迂	迂	
045																										191	迂	迂	迂	迂	迂	迂	迂	迂	迂	
046										160	一	一	一	一	一											192	迂	迂	迂	迂	迂	迂	迂	迂	迂	



First Three Digits										Last Digit										First Three Digits										Last Digit																
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9							
223	蕎	鄉	鏡	饗	驚	仰	堯	堯	堯	号	壕	拷	濠	轟	趨	克	刻	293	從	戎	柔	汎	獸	縱	重	統	叔	329	煽	旋	穿	線	箭	薦	薦	踐	0	1	2	3	4	5	6	7	8	9
224	業	局	曲	極	玉	柯	杆	仰	堯	告	囗	酷	濠	轟	趨	克	刻	294	夙	宿	淑	祝	澗	重	熟	術	330	縲	羨	羨	羨	羨	羨	羨	羨	踐	0	1	2	3	4	5	6	7	8	9
225	巾	錦	斤	欽	欽	欣	欣	欣	欣	忽	忽	忽	忽	忽	忽	忽	忽	295	述	述	述	述	述	述	述	述	331	選	選	選	選	選	選	選	選	踐	0	1	2	3	4	5	6	7	8	9
226	芹	錦	斤	欽	欽	欣	欣	欣	欣	昏	昏	昏	昏	昏	昏	昏	昏	296	旬	旬	旬	旬	旬	旬	旬	旬	332	全	全	全	全	全	全	全	全	踐	0	1	2	3	4	5	6	7	8	9
226																		297	醒	醒	醒	醒	醒	醒	醒	醒	332										0	1	2	3	4	5	6	7	8	9
227	俱	句	句	狗	玫	短	苦	驅	九									298	恕	恕	恕	恕	恕	恕	恕	恕	333										0	1	2	3	4	5	6	7	8	9
228	駒	愚	愚	虞	喰	空	偶	驅	九									299	恕	恕	恕	恕	恕	恕	恕	恕	334										0	1	2	3	4	5	6	7	8	9
229	串	愚	愚	虞	喰	空	偶	驅	九									300	恕	恕	恕	恕	恕	恕	恕	恕	335										0	1	2	3	4	5	6	7	8	9
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232																		303	恕	恕	恕	恕	恕	恕	恕	恕	338										0	1	2	3	4	5	6	7	8	9
232	卦	袂	徑	偵	刑	叢	啓	啓	啓									304	恕	恕	恕	恕	恕	恕	恕	恕	339										0	1	2	3	4	5	6	7	8	9
233	圭	契	徑	偵	刑	叢	啓	啓	啓									305	恕	恕	恕	恕	恕	恕	恕	恕	340										0	1	2	3	4	5	6	7	8	9
234	携	契	徑	偵	刑	叢	啓	啓	啓									306	恕	恕	恕	恕	恕	恕	恕	恕	341										0	1	2	3	4	5	6	7	8	9
235	繫	契	徑	偵	刑	叢	啓	啓	啓									307	恕	恕	恕	恕	恕	恕	恕	恕	342										0	1	2	3	4	5	6	7	8	9
237	傑	契	徑	偵	刑	叢	啓	啓	啓									308	恕	恕	恕	恕	恕	恕	恕	恕	343										0	1	2	3	4	5	6	7	8	9
238	侯	契	徑	偵	刑	叢	啓	啓	啓									309	恕	恕	恕	恕	恕	恕	恕	恕	344										0	1	2	3	4	5	6	7	8	9
239	侯	契	徑	偵	刑	叢	啓	啓	啓									310	恕	恕	恕	恕	恕	恕	恕	恕	345										0	1	2	3	4	5	6	7	8	9
240																		311	恕	恕	恕	恕	恕	恕	恕	恕	346										0	1	2	3	4	5	6	7	8	9
241	肩	契	徑	偵	刑	叢	啓	啓	啓									312	恕	恕	恕	恕	恕	恕	恕	恕	347										0	1	2	3	4	5	6	7	8	9
242	嶮	契	徑	偵	刑	叢	啓	啓	啓									313	恕	恕	恕	恕	恕	恕	恕	恕	348										0	1	2	3	4	5	6	7	8	9
243	紋	契	徑	偵	刑	叢	啓	啓	啓									314	恕	恕	恕	恕	恕	恕	恕	恕	349										0	1	2	3	4	5	6	7	8	9
243																		315	恕	恕	恕	恕	恕	恕	恕	恕	350										0	1	2	3	4	5	6	7	8	9
244	姑	孤	孤	孤	孤	孤	孤	孤	孤									316	恕	恕	恕	恕	恕	恕	恕	恕	351										0	1	2	3	4	5	6	7	8	9
245	胡	孤	孤	孤	孤	孤	孤	孤	孤									317	恕	恕	恕	恕	恕	恕	恕	恕	352										0	1	2	3	4	5	6	7	8	9
246	顧	孤	孤	孤	孤	孤	孤	孤	孤									318	恕	恕	恕	恕	恕	恕	恕	恕	353										0	1	2	3	4	5	6	7	8	9
247	御	孤	孤	孤	孤	孤	孤	孤	孤									319	恕	恕	恕	恕	恕	恕	恕	恕	354										0	1	2	3	4	5	6	7	8	9
248	乞	孤	孤	孤	孤	孤	孤	孤	孤									320	恕	恕	恕	恕	恕	恕	恕	恕	354										0	1	2	3	4	5	6	7	8	9
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251	巧	孤	孤	孤	孤	孤	孤	孤	孤									323	恕	恕	恕	恕	恕	恕	恕	恕	357										0	1	2	3	4	5	6	7	8	9
252	巧	孤	孤	孤	孤	孤	孤	孤	孤									324	恕	恕	恕	恕	恕	恕	恕	恕	358										0	1	2	3	4	5	6	7	8	9
253	巧	孤	孤	孤	孤	孤	孤	孤	孤									325	恕	恕	恕	恕	恕	恕	恕	恕	359										0	1	2	3	4	5	6	7	8	9
254	巧	孤	孤	孤	孤	孤	孤	孤	孤									326	恕	恕	恕	恕	恕	恕	恕	恕	360										0	1	2	3	4	5	6	7	8	9
255	巧	孤	孤	孤	孤	孤	孤	孤	孤									327	恕	恕	恕	恕	恕	恕	恕	恕	361										0	1	2	3	4	5	6	7	8	9
256	巧	孤	孤	孤	孤	孤	孤	孤	孤									328	恕	恕	恕	恕	恕	恕	恕	恕	362										0	1	2	3	4	5	6	7	8	9



First Three Digits	Last Digit									First Three Digits	Last Digit									First Three Digits	Last Digit									First Three Digits	Last Digit																		
	0	1	2	3	4	5	6	7	8		9	0	1	2	3	4	5	6	7		8	9	0	1	2	3	4	5	6		7	8	9	0	1	2	3	4	5	6	7	8	9						
363	つ									392	粘	乃	迺	之	之	囊	惱	濃	納	能	424	僻	壁	碧	別	警	茂	筵	偏	變	ゆ									449	愉	愈	油	癒	佑	優	勇	友	幽
364	槌	追	痛	塚	津	津	津	津	津	393	腦	膿	農	視	蚕	惱	濃	納	能	425	片	篇	篇	邊	遍	便	宛	弁	450	偷	愈	油	癒	佑	優	勇	友	幽											
365	漬	柘	辻	郷	堀	堀	堀	堀	堀	394	は	は	は	は	は	は	は	は	は	426	靴	靴	靴	靴	靴	靴	靴	靴	451	悠	憂	油	癒	佑	優	勇	友	幽											
366	孀	紉	爪	釣	鶴	鶴	鶴	鶴	鶴	395	波	派	派	派	派	派	派	派	派	426	穗	保	鋪	圃	圃	圃	圃	圃	452	祐	裕	誘	遊	郵	郵	郵	郵	幽											
366	て									396	堤	堤	堤	堤	堤	堤	堤	堤	堤	427	穂	保	鋪	圃	圃	圃	圃	圃	452	よ									452	余	揚	預	預	預	預	預	予		
367	刺	貞	呈	堤	亭	亭	亭	亭	亭	397	排	派	派	派	派	派	派	派	派	428	俸	基	基	基	基	基	基	基	453	与	預	預	預	預	預	預	預	予											
368	梯	挺	堤	堤	底	底	底	底	底	398	陪	派	派	派	派	派	派	派	派	429	抱	基	基	基	基	基	基	基	454	余	預	預	預	預	預	預	預	予											
369	艇	抵	蹄	蹄	庭	庭	庭	庭	庭	399	陪	派	派	派	派	派	派	派	派	430	抱	基	基	基	基	基	基	基	455	余	預	預	預	預	預	預	預	予											
370	的	邸	鄭	鄭	泥	泥	泥	泥	泥	400	爆	縛	縛	縛	縛	縛	縛	縛	縛	431	蜂	望	望	望	望	望	望	望	456	余	預	預	預	預	預	預	預	予											
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373	と									403	煩	飯	飯	飯	飯	飯	飯	飯	飯	434	望	望	望	望	望	望	望	望	457	裸	來	萊	雷	雷	雷	雷	雷	羅											
373	吐	塗	妬	屠	斗	斗	斗	斗	斗	404	煩	飯	飯	飯	飯	飯	飯	飯	飯	435	望	望	望	望	望	望	望	望	458	裸	來	萊	雷	雷	雷	雷	雷	羅											
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375	怒	倒	嶋	嶋	冬	冬	冬	冬	冬	406	卑	否	妃	彼	悲	罪	批	匪	匪	437	鱗	亦	萬	幕	膜	末	末	末	459	履	梨	理	璃	陸	陸	陸	陸	利											
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377	怒	倒	嶋	嶋	冬	冬	冬	冬	冬	408	比	否	妃	彼	悲	罪	批	匪	匪	439	鱗	亦	萬	幕	膜	末	末	末	461	履	梨	理	璃	陸	陸	陸	陸	利											
378	怒	倒	嶋	嶋	冬	冬	冬	冬	冬	409	比	否	妃	彼	悲	罪	批	匪	匪	440	鱗	亦	萬	幕	膜	末	末	末	462	履	梨	理	璃	陸	陸	陸	陸	利											
379	答	筒	湯	騰	騰	騰	騰	騰	騰	410	比	否	妃	彼	悲	罪	批	匪	匪	441	蜜	羨	味	魅	已	已	已	已	463	厘	累	累	累	累	累	累	累	利											
380	鏡	陶	頭	騰	騰	騰	騰	騰	騰	411	肘	否	妃	彼	悲	罪	批	匪	匪	442	蜜	羨	味	魅	已	已	已	已	464	厘	累	累	累	累	累	累	累	利											
381	鏡	陶	頭	騰	騰	騰	騰	騰	騰	412	肘	否	妃	彼	悲	罪	批	匪	匪	443	蜜	羨	味	魅	已	已	已	已	465	厘	累	累	累	累	累	累	累	利											
382	鏡	陶	頭	騰	騰	騰	騰	騰	騰	413	肘	否	妃	彼	悲	罪	批	匪	匪	444	蜜	羨	味	魅	已	已	已	已	466	厘	累	累	累	累	累	累	累	利											
383	鏡	陶	頭	騰	騰	騰	騰	騰	騰	414	肘	否	妃	彼	悲	罪	批	匪	匪	445	蜜	羨	味	魅	已	已	已	已	467	厘	累	累	累	累	累	累	累	利											
384	獨	獨	獨	獨	獨	獨	獨	獨	獨	415	肘	否	妃	彼	悲	罪	批	匪	匪	446	蜜	羨	味	魅	已	已	已	已	468	厘	累	累	累	累	累	累	累	利											
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386	な									415	府	怖	付	夫	富	富	富	富	富	442	名	命	盟	迷	銘	鳴	姪	牝	冥	ろ									470	露	勞	魯	魯	魯	魯	魯	露		
387	謎	灘	捺	鍋	那	那	那	那	那	416	府	怖	付	夫	富	富	富	富	富	443	免	綿	綿	迷	迷	迷	迷	迷	471	露	勞	魯	魯	魯	魯	魯	魯	露											
388	軟	灘	捺	鍋	那	那	那	那	那	417	府	怖	付	夫	富	富	富	富	富	444	免	綿	綿	迷	迷	迷	迷	迷	472	露	勞	魯	魯	魯	魯	魯	魯	露											
388	に									419	府	怖	付	夫	富	富	富	富	富	445	孟	毛	盲	網	耗	模	茂	妄	ろ									473	露	勞	魯	魯	魯	魯	魯	露			
389	虹	廿	日	乳	二	二	二	二	二	420	粉	物	付	夫	富	富	富	富	富	446	目	毛	盲	網	耗	模	茂	妄	473	露	勞	魯	魯	魯	魯	魯	魯	露											
390	如	尿	乳	入	二	二	二	二	二	421	粉	物	付	夫	富	富	富	富	富	447	目	毛	盲	網	耗	模	茂	妄	473	露	勞	魯	魯	魯	魯	魯	魯	露											
390	ぬ~の									422	粉	物	付	夫	富	富	富	富	富	447	目	毛	盲	網	耗	模	茂	妄	わ									474	梓	驚	互	巨	巨	巨	巨	惑			
391	祢	寧	葱	猫	熱	年	念	捻	襪	422	幣	弊	弊	弊	弊	弊	弊	弊	弊	448	矢	厄	也	治	夜	爺	耶	野	474	梓	驚	互	巨	巨	巨	巨	巨	惑											
391	ぬ									423	幣	弊	弊	弊	弊	弊	弊	弊	弊	449	鐘	厄	也	治	夜	爺	耶	野	彌	わ									475	碗	驚	互	巨	巨	巨	巨	惑		




































## Weather Indicator List





### Basic Status

	Clear skies (day)
	Clear skies (night)
	Cloudy
	Rain
	Snow
	Thunder showers
	Chance of rain: 0%
	Chance of rain: 10%
	Chance of rain: 20%
	Chance of rain: 30%
	Chance of rain: 40%
	Chance of rain: 50%
	Chance of rain: 60%
	Chance of rain: 70%
	Chance of rain: 80%
	Chance of rain: 90%
	Chance of rain: 100%
	Then
	Partly/chance of





### Pollen Count

	Low
	Moderate
	High
	Extreme





### Cherry Blossom

	Flowering
	Almost full bloom
	Full bloom
	Beginning of petal fall




### Fall Foliage

	No color change
	Colors appearing
	Peak
	Defoliating



### Ultraviolet

	Low
	Moderate
	High
	Extreme


### Typhoon

	Forming
	Approaching
	Caution necessary

### Disaster

	Heavy rain
	Gale

### Information

	Notification
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## Specifications

SoftBank 934SH	
<b>Weight</b>	Approximately 129 g
<b>Continuous Talk Time</b>	Approximately 230 minutes (3G) Approximately 220 minutes (GSM)
<b>Continuous Standby Time</b>	Approximately 300 hours (3G) Approximately 270 hours (GSM) (handset closed)
<b>Charging Time (power off)</b>	AC Charger: Approximately 135 minutes In-Car Charger: Approximately 140 minutes
<b>Dimensions (W x H x D)</b>	Approximately 50 x 108 x 15.9 mm (handset closed, without protruding parts)
<b>Maximum Output</b>	0.25 W (3G) 2.0 W (GSM)

- Above values calculated with battery installed.
- Continuous Talk Time is an average measured with a new, fully charged battery, with stable signals without moving handset.
- Continuous Standby Time is an average measured with a new, fully charged battery, with handset closed without calls or operations, with External Display Home Panel Wallpaper set to **Analogue Clock**, with stable signals without moving handset. In Japan (3G service area), the value is calculated with IP Service Setting, Decoration Call, S! Appli Notification Setting and Mobile Widget Notification Setting set to **Off**.
- Talk Time/Standby Time may vary by environment, status, settings, etc.

- Display employs precision technology, however, some pixels may appear brighter/darker.

### ■ Handset Materials

Parts	Materials & Finishing
Housing (Display side, Keypad side)	Nylon resin/SUS (insert-molded)/Discontinuous deposition/UV painting
Housing (Keypad side hinge), Side Keys (Volume Up Key, Volume Down Key, Shutter Key)	PC resin/UV painting
Housing (Keypad back), hinge rotation stopper, Battery Cover	Nylon resin/Discontinuous deposition/UV painting
Back panel, camera ornament panel (including Infrared Port, camera lens)	Acrylic resin/Back printing
Display window	PC-Acrylic hybrid material/Back printing
Center Key, Multi Selector, Mail Key, Yahoo! Keitai Key, Shortcuts & A/a Key, TV & Text Key, Start Key, Power On/Off Key, Keypad, Dictionary Key, Multi Job & Manner Key, Camera Key	UV curing resin/Back printing
External Device Port Cover, Headphone Port Cover, Memory Card Slot	PC resin/Elastomer/Discontinuous deposition/UV painting

Parts	Materials & Finishing
Charging Terminals	SUS/Gold plating (sealer: nickel)
Screws (Display side)	SWCH16A/Trivalent chromate
Screws (Keypad side, battery side bottom)	SWCH12A/Trivalent chromate (white)
Screws (battery side center)	SWCH16A/Trivalent chromate (black)
USIM pin	Copper alloy/Gold plating (sealer: nickel)
USIM Tray	POM

### Accessories

#### ■ Battery

<b>Voltage</b>	3.7V
<b>Battery Type</b>	Lithium-ion
<b>Capacity</b>	710 mAh
<b>Dimensions (W x H x D)</b>	Approximately 37.7 x 46.9 x 4.2 mm (without protruding parts)

#### ■ Desktop Holder

<b>Input Voltage/Current</b>	DC 5.4V/700 mA
<b>Output Voltage/Current</b>	DC 5.4V/700 mA
<b>Charging Temperature</b>	5°C to 35°C
<b>Dimensions (W x H x D)</b>	Approximately 131.5 x 29 x 46 mm



## Getting Started

## ■ Standby Shortcut

<b>Savable Items</b>	30 per sheet
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## Basic Operations

## ■ Text Entry

<b>User Dictionary</b>	250 entries (5 per reading) Word: 30 characters Reading: 8 hiragana
<b>Acquire Dictionary</b>	5 dictionaries
<b>Paste List</b>	10 text strings
<b>Recoverable Deleted Characters</b>	30,720 single-byte characters
<b>Dictionary</b>	Meikyo Japanese Dictionary: Approximately 47,100 words/phrases Genius English-Japanese Dictionary: Approximately 45,700 words/phrases Genius Japanese-English Dictionary: Approximately 55,800 words/phrases

## ■ Phone Book

<b>Entry</b>	1,000 entries
<b>Name/Reading</b>	Last/First: 32 characters each
<b>Phone Number</b>	5 numbers (32 digits each)
<b>Mail Address</b>	5 addresses (128 characters each)
<b>Category</b>	16 Categories
<b>Address</b>	Postal Code: 20 characters Country: 32 characters Others: 64 characters each
<b>Office</b>	Office Name/Division/Post: 32 characters each
<b>Homepage</b>	1,024 bytes
<b>Note</b>	256 characters
<b>Mail Groups</b>	20 Groups (20 members each) Group name: 16 characters

## Calling

<b>Dialed Numbers</b>	Dialed Numbers: 30 records Dialed Ranking: 10 records
<b>Received Calls</b>	30 records
<b>Answer Phone/ Caller Voice</b>	20 messages or 90 seconds
<b>Auto Answer List</b>	10 numbers
<b>Decoration Call</b>	100 KB including 20 characters
<b>Speed Dial/Mail</b>	100 numbers/addresses

## Messaging

<b>Memory</b>	Received Msg.	10 MB or 3,000 messages
	Drafts	
	Sent Messages	5 MB (or 1,000 messages for Sent Messages)
	Unsent Messages	
	Templates	80 MB (shared with Data Folder and S! Appli Library)
<b>PC Mail/S! Mail Subject</b>	512 single-byte characters	
<b>PC Mail/S! Mail Message</b>	Approximately 30,000 single-byte characters	
<b>SMS Message</b>	160 single-byte alphanumerics	
<b>Auto Resend</b>	2 times	
<b>Attachment</b>	20 files or 1 MB <sup>1</sup>	
<b>Send Reservation</b>	10 messages	
<b>Signature</b>	256 single-byte characters	
<b>Recipient</b>	20 numbers/addresses	
<b>Folder</b>	20 folders (20 sort keys each)	
<b>Chat Folders</b>	Memory	300 messages per folder
	Folder	10 folders (20 members each)

<b>Graphic Mail</b>	1 sound or Flash <sup>®</sup> file, or 40 images/ My Pictograms (with 1 sound or Flash <sup>®</sup> file)	
<b>Auto Reply</b>	20 numbers/addresses (20 digits or 256 single-byte characters each)	
<b>Anti Spam Measures</b>	Individual Permitted List	20 entries
		20 entries

<sup>1</sup>Limit may be lower depending on message text, etc.

## ■ PC Mail Settings

<b>PC Mail Account</b>	Account	3 accounts
	Account Name	20 characters
<b>Set Receiving</b>	User Name	128 characters
	Password	40 characters
	ReceivingServer	128 characters
<b>Set Sending</b>	Port Number	1 to 65535
	Sender Name	20 characters
<b>PC Mail DL</b>	Mail Address	128 characters
	Individual Address	20 addresses

## Yahoo! Keitai &amp; PC Site Browser

<b>Download</b>	Yahoo! Keitai	300 KB per page 10 MB for progressive downloads
	PC Site Browser	1 MB per file
<b>History</b>	300 pages	
<b>URL Entry Log</b>	10 URLs	
<b>Bookmarks &amp; Saved Pages</b>	100 pages	
<b>Tab</b>	3 tabs at one time	
<b>Input Memory</b>	20 entries	
<b>Streaming History</b>	20 URLs	
<b>RSS Feeds</b>	30 entries (60 KB per entry)	



## Digital TV

<b>Recorded File</b>	ISDB-T mobile Video profile (SD-Video standard)	
<b>Recording Time (example)</b>	Handset	Approximately 30 minutes
	Memory Card	Approximately 80 minutes on 256 MB Memory Card
<b>Marker</b>	99 Markers (10 per file)	
<b>Split File</b>	99 portions per file	
<b>Time Shift Recording</b>	30 minutes	
<b>Reservation List</b>	5 entries (4 hours each on 1 GB Memory Card)	

## Camera & Imaging

### Mobile Camera

<b>Effective Pixels</b>	8.0 Megapixels
<b>Auto Shut-off Time</b>	Approximately 3 minutes

### Photo Camera

<b>Zoom</b>	1x - 20.4x	
<b>Picture Size (W x H dots)</b>	8M	2448 x 3264
	5M	1944 x 2592
	3M	1536 x 2048
	Full HD	1080 x 1920
	Wallpaper	480 x 854
	VGA	480 x 640
	QVGA	240 x 320
<b>Scanner Image Size (W x H dots)</b>	Free, 1200 x 640, 480 x 1488, 1280 x 960	
<b>File Format</b>	JPEG	
<b>Memory</b>	Approximately 30 files (at 8M, High Quality) on handset with no other files	
<b>File Name</b>	yymmdd_hhmmss	
<b>Shooting Distance</b>	Macro: 10 cm	

<b>Background Save</b>	3 files
<b>Face Auto Focus</b>	VGA or larger
<b>Other</b>	Use 40 KB or smaller transparent PNG files as Frames

### Video Camera

<b>Zoom</b>	1x - 5.1x	
<b>Record Size (W x H dots)</b>	Extended Video	864 x 480 (Wide)
		640 x 480 (VGA)
		320 x 240 (QVGA)
	For Message	176 x 144 (QCIF)
		128 x 96 (SubQCIF)
		320 x 240 (QVGA)
		176 x 144 (QCIF)
		128 x 96 (SubQCIF)

<b>File Format</b>	3GP
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<b>Recording Capacity per Shot</b>	Extended Video	Approximately 30 minutes* on Memory Card
	For Message	1 MB or 295 KB

<b>File Name</b>	yymmdd_hhmmss
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<b>Recording Distance</b>	1.5 m in good light
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<b>Still Image Capture</b>	3 images
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<b>Recording Pause Supported</b>	QVGA or larger
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\*Varies with handset usage, location or settings.

## Editing Images

<b>Picture Editor</b>	Resize (W x H dots)	Wallpaper (480 x 854) Power On/Off (480 x 854) Alarm (480 x 208) Pictogram (96 x 96) VGA (480 x 640) QVGA (240 x 320) Cut
	Retouch	52 x 52 dots or larger JPEG/PNG images
	Paste	16 characters
	Correction	52 x 52 dots or larger JPEG/PNG images
<b>Composite</b>	Merge	JPEG images between W 48 x H 64 dots and 240 x 320 dots
	Panorama	JPEG images between W 48 x H 64 dots and 240 x 320 dots

## Media Player

<b>Supported Formats</b>	WMA (.wma), AAC (.mp4/.3gp/.m4a), Secure AAC (SD-Audio standard) (Some files may not play depending on sampling frequency and bit rate)	
	<b>All Music List</b>	Shows up to 350 files each
	Music	
	Chaku-Uta®	
	WMA	
	SD AUDIO	Shows up to 999 files

## S! Applications

<b>Memory</b>	100 items or 80 MB (shared with Messaging Templates folder and other folders in Data Folder)
<b>Remote Control</b>	Approximately 5 m



## Handy Extras

## ■ PIM/Lifestyle

<b>Calendar/ Tasks</b>	300 entries, Subject: 32 characters Description: 128 characters Location: 16 characters Set Holiday: 10 holidays	
<b>Alarms</b>	5 entries, Subject: 9 characters	
<b>Wakeup TV</b>	Auto Shut-off	Approximately 30 minutes
<b>Calculator</b>	999,999,999,999	
<b>Expenses Memo</b>	30 entries (999,999.99 yen each)	
<b>OsaiFu-Keita<sup>®</sup></b>	Remote Lock password: 5 - 16 single-byte alphanumerics	

\*Preset holidays are based on Japanese calendar as of March 2009.

## ■ Clocks/Gauges

<b>Stopwatch</b>	23 hours 59 minutes 59.9 seconds in 0.1-second increments Lap time: 4 records	
<b>Countdown Timer</b>	99 minutes 59 seconds in 1-second increments	
<b>World Clock</b>	City name: 16 characters	
<b>Pedometer</b>	Today's Walking	Steps: 99,999
		Time: 23 hours 59 minutes 59 seconds
		Exercise: 71.9 Ex
		Calories: 9,999.9 kcal
		Distance: 179.9 km
	Log	Fat burned: 999.9 g
		2 years
		Daily view: 9,999 steps per hour
		Weekly view: 99,999 steps per day

<b>Pedometer</b>	Accumulated Data	All Days: 999 days
		Steps: 99,999,999
		Time: 99,999 hours 59 minutes 59 seconds
		Exercise: 99,999.9 Ex
		Calories: 9,999,999.9 kcal
	Average	Distance: 999,999.9 km
		Fat burned: 999,999.9 g
		Steps: 99,999
		Time: 23 hours 59 minutes 59 seconds
		Exercise: 71.9 Ex
		Calories: 9,999.9 kcal
		Distance: 179.9 km
		Fat burned: 999.9 g

## ■ Doc./Rec.

<b>Document Viewer</b>	Supported Formats	PDF (.pdf) Microsoft <sup>®</sup> Excel <sup>®</sup> (.xls) Microsoft <sup>®</sup> Word (.doc) Microsoft <sup>®</sup> PowerPoint <sup>®</sup> (.ppt)
	File Size	10 MB
<b>Notepad</b>	500 entries	(8,192 characters each)
<b>Voice Recorder</b>	For Message	Approximately 10 minutes (message size limit: 1 MB) or 3 minutes (message size limit: 300 KB) per file
	Extended Voice	99 hours 59 minutes 59 seconds
<b>Scan Barcode (Continuous Mode)</b>	UPC/JAN	50 codes
	QR Code	16 codes

<b>Create QR Code</b>	Equivalent of 513 digits, 311 alphanumerics or 131 kanji
<b>Scan Text</b>	256 characters

## Entertainment &amp; Communication

## ■ Mobile Widget

<b>Savable Items</b>	4 widgets (S! Quick News & S! Friend's Status: 1, others: 3) per sheet x 4 sheets
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## ■ S! Quick News

<b>Savable Items</b>	Special: 1 item News Flash: 1 item General: 4 items
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## ■ e-Books

<b>Text Copy</b>	20 characters
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## ■ S! Friend's Status

<b>Member</b>	30 members
<b>My Status</b>	Name: 7 characters Comment: 15 characters Status Label: 4 characters
<b>Status Templates</b>	Template name: 12 characters

## ■ S! Circle Talk

<b>Participant</b>	11 members
<b>Speak Time</b>	30 seconds each
<b>Member List</b>	30 entries (10 members per Group)



## ■ Blog Tool

<b>Blog Details</b>	5 entries	
<b>Blog Title</b>	16 characters	
<b>Blog Settings (Mail)</b>	Email Address	128 characters
	Title	32 characters
	Text	128 characters
	Picture Size	S (320 x 320) M (640 x 640) L (1024 x 1024) Send
<b>Blog Settings (Yahoo! Keitai &amp; PC Site Browser)</b>	URL for Posting	1,024 characters
	URL for Viewing	1,024 characters

## Data Folder

<b>Memory</b>	80 MB (shared with Messaging Templates folder and S! Appli Library)
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## Memory Card

<b>Backup File Name</b>	yymmddXX* (XX: 2 digits/alphabets)
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\*ymmdd for Contents Keys.

## Connectivity & File Backup

### ■ Infrared

<b>Infrared Transfer</b>	IrMC 1.1	
	Range	Within 20 cm
<b>IrSS Transfer (JPEG images)</b>	Receive 2,500 KB or less; send 4,000 KB or less (after resizing)	

### ■ Bluetooth®

<b>Communication System</b>	Bluetooth® specification Ver. 2.0
<b>Supported Profiles</b>	Headset Profile
	Hands-Free Profile
	Dial-up Networking Profile
	Object Push Profile
	File Transfer Profile
	Basic Imaging Profile
	Advanced Audio Distribution Profile
	Audio/Video Remote Control Profile
<b>Output</b>	Bluetooth® Power Class 2
<b>Range</b>	Within 10 m
<b>Device Search</b>	16 devices
<b>Pairing</b>	32 devices
<b>Device Name</b>	16 characters
<b>Printing</b>	JPEG/PNG images

### ■ S! Addressbook Back-up

<b>Log</b>	10 Backup/Restore/Synchronization records
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## Network

<b>Add Network</b>	5 Networks
	Country/Network code: 3 digits Name: 25 single-byte characters

## Reference URLs

- **SOFTBANK MOBILE Corp.**  
<http://mb.softbank.jp/en/>
- **S! Addressbook Back-up**  
[http://mb.softbank.jp/en/price\\_plans/basic\\_option.html](http://mb.softbank.jp/en/price_plans/basic_option.html)
- **Messaging Basics**  
[http://mb.softbank.jp/en/customer\\_support/mail.html](http://mb.softbank.jp/en/customer_support/mail.html)
- **Custom Handset Address**  
<https://www.email.softbank.ne.jp/help/e/address.html>
- **Yahoo! Keitai**  
[http://mb.softbank.jp/en/customer\\_support/web.html](http://mb.softbank.jp/en/customer_support/web.html)
- **Secure Remote Lock**  
[http://mb.softbank.jp/en/price\\_plans/basic\\_option.html](http://mb.softbank.jp/en/price_plans/basic_option.html)
- **microSD™ Memory Card Compatibility**  
From PC (Japanese)  
[http://k-tai.sharp.co.jp/peripherals/sd\\_support.html](http://k-tai.sharp.co.jp/peripherals/sd_support.html)  
From Handset (Japanese)  
<http://shweb.sharp.co.jp/>
- **Compatible Blu-ray Disc Recorders**  
<http://www.sharp.co.jp/bd/spec/index.html> (Japanese)
- **SVG-T**  
From Handset (Japanese)  
[http://shweb.sharp.co.jp/svgt/index\\_pdc.html](http://shweb.sharp.co.jp/svgt/index_pdc.html)
- **Association for Promotion of Digital Broadcasting**  
From PC  
<http://www.dpa.or.jp/english/>  
From Handset (Japanese)  
<http://www.dpa.or.jp/1seg/k/>



## Memory Card Structure & Contents

Memory Card Structure			Contents (Location when Viewed on Handset)	
DCIM	XXXSHARP		Still images in DCIM	
PRIVATE	MYFOLDER	Local Contents	SD Local Contents	
		Mail	Messaging folder backups (Received Msg., Sent Messages and Drafts)	
		My Items	Book	e-Book files in Data Folder (Books)
			Bookmarks	Yahoo! Keitai Bookmarks
			Character	PNG files in Data Folder (Character)
			CSI	Decoration Call files in Data Folder (Decoration Call)
			Custom Screens	Customized Screen files in Data Folder (Customized Screen)
			Flash(R)	Flash® Wallpaper files in Data Folder (Flash®)
			Flash(R) Ringtones	Flash® ringtones in Data Folder (Flash® Ringtones)
			Games and More	SI Applications
			Hot Status Template	Template files in Data Folder (Status Templates)
			Mail Art	Files in Data Folder (Mail Art)
			Message Templates	Graphic Mail templates in Templates folder
			Music	Music files in Data Folder (Music)
			Other Documents	Other files in Data Folder (Other Documents)
			Pictograms	GIF files in Data Folder (My Pictograms)
			Pictures	Still images in Data Folder (Pictures)
			Sounds & Ringtones	Melodies and other sound files in Data Folder (Ring Songs-Tones)
			Videos	Video files in Data Folder (Videos)
		Widget	Widget files in Data Folder (Widget)	
		WMAudio	WMA files for Media Player (WMA)	
	SH_Folder	Application management files		
	Utility	Backup files (Phone Book), etc.		
	SHARP	MOBILE	Backup files (User Dictionary), etc.	
	SD_AUDIO		SD-Audio files for Media Player (SD AUDIO)	





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### Warranty & Service

#### ■ Warranty

Warranty is provided when you purchase handset.

- Check the name of distributor and date of purchase.
- Read contents and keep in a safe place.
- The warranty term is described in the warranty.

#### ■ After-Sales Services

See **P.15-7** "Troubleshooting" before contacting SoftBank for service or repairs.

If you cannot find solutions or solve problems, contact SoftBank Mobile Customer Center, Customer Assistance (**P.15-41**) in your subscription area and provide a detailed description of the problem.

- Repairs within warranty are performed under terms and conditions described.
- Out of warranty, possible repairs are performed upon request at subscriber expense.

For other services, contact the distributor, the nearest SoftBank Shop or SoftBank Mobile Customer Center, General Information (**P.15-41**).

Replacement parts are available for 6 years after termination of production.

- SoftBank is not liable for any damages resulting from use of this product.
- SoftBank is not liable for any damages resulting from accidental loss/alteration of handset data. Keep a copy of Phone Book entries, etc. in a separate place.
- Disassembling or modifying handset may violate the Radio Law. Modified handset will not be repaired.





## Customer Service

For SoftBank handset or service information, call General Information. For repairs, call Customer Assistance.

### SoftBank Mobile Customer Center

From a SoftBank handset, dial toll free at **157**  
for General Information or **113** for Customer Assistance

### SoftBank Mobile Global Call Center

From outside Japan, dial **+81-3-5351-3491**  
(International charges apply.)

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
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