

USIM Card	17-2
About USIM Card	17-2
USIM Card Installation.....	17-3
Battery	17-4
Battery Installation.....	17-4
Software Update	17-5
Cleaning Handset	17-6
Troubleshooting	17-7
Text Entry Key Assignments	17-9
Pager Codes	17-11
Pager Code List.....	17-11
Character Codes	17-12
Character Code List.....	17-12

Weather Indicators	17-18
Weather Indicator List	17-18
Specifications	17-19
Memory Card Structure & Contents ...	17-25
Menu List	17-26
Index	17-34
Warranty & Service	17-42
Customer Service	17-43

17

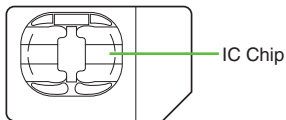
Appendix



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



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

Important

- USIM Card is the property of SoftBank Mobile.
- USIM Card will be reissued for a fee if lost or damaged.
- Return USIM Card to SoftBank Mobile upon subscription termination.
- Returned USIM Cards are recycled.
- USIM Card specifications may change without prior notice.
- Back up USIM Card files. SoftBank Mobile 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.17-43).

USIM PIN

Four- to eight-digit code (**9999** by default); activate PIN Entry to restrict handset use.

PIN Lock

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

Canceling PIN Lock

- Contact SoftBank Mobile Customer Center, General Information (P.17-43) for your Personal Unlocking 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.17-43) for recovery.



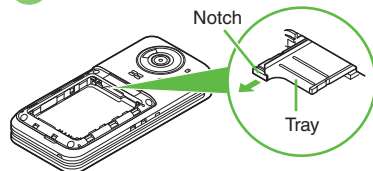
USIM Card Installation

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

Inserting

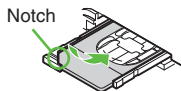
1 Remove battery (P.17-4)

2 Pull out Tray



- Use Notch to pull out Tray.

3 Slide in USIM Card with IC chip facing up



4 Push in Tray fully

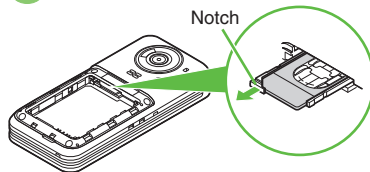


- Reinstall battery (P.17-4).

Removing

1 Remove battery

2 Pull out Tray



- Use Notch to pull out Tray.

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 and BookSurfing® 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/dust resistance, close Battery Cover properly.
- Battery is not waterproofed or dustproofed.

Lithium-ion Battery

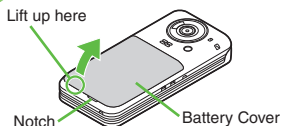
- This product requires a lithium-ion battery. Lithium-ion batteries are a recyclable resource.
 - To recycle a used lithium-ion battery, take it to any shop displaying the symbol shown above.
 - To avoid fire or electric shock, do not short-circuit or disassemble battery.



Li-ion00

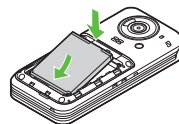
Inserting & Removing

1 Remove cover



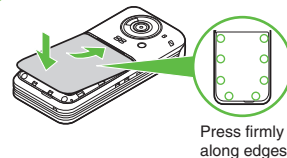
- Use Notch to open cover, then lift as shown.

2 Insert battery



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

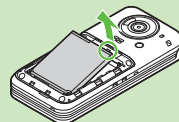
3 Close cover



- Fit cover top into slot, then press down firmly.
- Close cover firmly. Debris trapped between cover and base may expose handset to liquid/dust.

Removing

- Power handset off and lift battery as shown.



Software Update






Check for firmware updates and download as required.

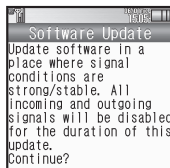
Precautions

- 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 Mobile 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** ➔  ➔ 
Phone ➔ **Software Update** ➔ 
- 2 **Software Update** ➔ 




- Follow onscreen instructions.

Update Result

In , **Update Result** ➔ 

Scheduled Update (Japanese)


SoftBank Mobile sends update notice via SMS; read and change preset update schedule as needed. A 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, power handset off, reinsert battery, then restart it. If it still does not restart, contact SoftBank Mobile Customer Center, Customer Assistance (P.17-43).



Cleaning Handset

Washing Handset

Wipe off dirt, sand, beverage, etc., gently with 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 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.

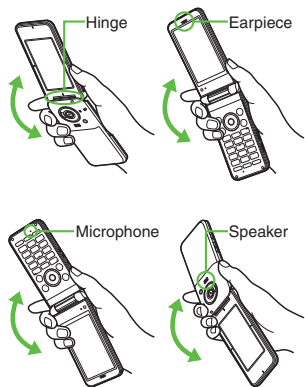
- Before washing handset, make sure that Battery Cover and Port Cover are closed firmly.
- Do not use a washing machine or ultrasonic cleaner.
- Do not place handset in a microwave oven to dry it. Battery/handset may leak, burst, overheat or ignite; may cause malfunction, accident or injury.
- Do not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

Drying Handset

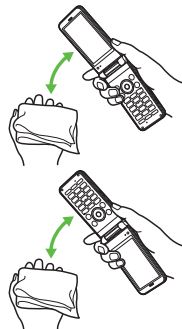
Dry these parts/areas after washing handset:

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
Handset won't power on	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.17-4).
Operation is restricted after power on	Is Switch On/Off in PIN Entry <i>On</i> ?	If <i>On</i> , PIN is required. Enter PIN according to onscreen prompt.
Insert USIM Card appears	USIM Card may not be properly inserted.	Power handset 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 dry cloth and re-insert.
REFRESH appears and handset returns to Standby	Handset may have been dropped or subjected to shocks.	Handset failed to recognize USIM Card temporarily. This is not a malfunction.
Operation is restricted	Keypad Lock may be active.	Cancel Keypad Lock (P.2-24).
	Function Lock may be active.	Cancel Function Lock (P.13-2).

Problem	Possible Cause	Solution
Battery strength indicator flashes when not charging	Ambient temperature may be outside 5°C to 35°C.	Use within an ambient temperature of 5°C - 35°C.
Saved entry/folder does not appear on handset	Entry/folder may be set to Secret.	Activate Show Secret Data (P.13-3).
Handset/AC Charger feels warm	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.	
Cannot access Memory Card files	Memory Card may not be properly formatted.	Use 944SH-formatted Memory Cards.
Clock settings are lost	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
Battery charges quickly	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.
Battery charges slowly	Charging slows during Video Calls.	End the call to charge faster.
	Battery may be charging via USB.	Use AC Charger.
Battery won't charge	AC Charger may not be properly connected to Desktop Holder or 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.17-4).
	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
Battery Time seems shorter than usual	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.



Text Entry Key Assignments

















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


¹ - is available only in Single-byte Katakana mode.

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

³ May not be enterable in some windows.





Key	Kanji (Hiragana) [Double-byte]	Katakana [Double & Single-byte]	Alphanumerics [Double & Single-byte]	Numbers [Single-byte]	Character Codes
	Conversion ⁴		Cursor up/down; ↓ (line break) when  is pressed at the end of text		
 (Long)	Correction Conversion ⁵		_____		
	Cursor left/right				
	Switch entry modes (except during conversion)				
	Search Word ⁵		_____		
 (Long)	Toggle Personal Mode ⁵		_____	Toggle Personal Mode ^{5,6}	_____
	Toggle case (for some characters)				_____
	_____	Toggle mode (upper/ lower and lower case)		_____	
	Delete one character				
	Cancel conversion	_____	Cancel conversion ⁶	_____	Delete code
 (Long)	Delete before or after cursor				
	Recover characters deleted with 				
	Re-convert ⁷	_____	Re-convert ^{6,7}	_____	
	Confirm/Done				
	Non-Predictive suggestions ⁵		_____		
	Hiragana to Katakana/ Alphanumeric Conversion ⁵		_____		
 (Long)	Single Kanji Conversion ⁵		_____		

⁴Cursor moves up/down except during conversion.⁵Available during conversion.⁶Available only in Single-byte Alphanumerics mode.⁷Press  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.






















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
198	叶	梳	鞞	株	兜	甯	釜	鏃		230	掘	窟	靴	窪	熊	隈	灸			261										294	夙	宿	祝	縮	肅	熟	出	術	
199	噉	鴨	栢	葦	兜	甯	釜	鏃		231	栗	桑	奮	蕪	熊	隈	灸			262										295	述	俊	春	縮	肅	熟	出	術	
200	粥	栢	瓦	乾	冠	冠	刊			232	郡									263										296	旬	峻	春	縮	肅	熟	出	術	
201	勘	卷	瓊	乾	冠	冠	刊													264										297	醉	順	初	縮	肅	熟	出	術	
202	幹	患	憤	乾	冠	冠	刊													265										298	署	順	初	縮	肅	熟	出	術	
203	款	汗	漢	乾	冠	冠	刊													266										299	怒	署	順	初	縮	肅	熟	出	
204	竿	管	漢	乾	冠	冠	刊													267										300	匠	勝	初	縮	肅	熟	出	術	
205	諫	貫	漢	乾	冠	冠	刊													268										301	妾	勝	初	縮	肅	熟	出	術	
206	館	丸	岸	乾	冠	冠	刊													269										302	彰	承	初	縮	肅	熟	出	術	
207	膺	雁	顏	乾	冠	冠	刊													270										303	松	樟	初	縮	肅	熟	出	術	
																				271										304	紹	肖	賞	初	縮	肅	熟	出	
207																				272										305	紹	肖	賞	初	縮	肅	熟	出	
208	基	奇	寄	岐	希	危	喜	器												273										306	詳	文	賞	初	縮	肅	熟	出	
209	旗	機	規	儀	宜	宜	幾	機												274										307	文	情	擾	初	縮	肅	熟	出	
210	機	規	儀	宜	宜	宜	幾	機												275										308	文	情	擾	初	縮	肅	熟	出	
211	紀	微	規	儀	宜	宜	幾	機												276										309	釀	呢	毓	植	飾	織	職	觸	
212	愧	龜	疑	儀	宜	宜	幾	機												277										310	蝕	疇	植	飾	織	職	觸	食	
213	懷	疑	儀	宜	宜	宜	幾	機												278										311	蝕	疇	植	飾	織	職	觸	食	
214	吉	吃	喫	疑	宜	宜	幾	機												279										312	蝕	疇	植	飾	織	職	觸	食	
215	宮	脚	愈	疑	宜	宜	幾	機												280										313	身	真	神	紳	仁	仁	仁	親	
216	客	脚	愈	疑	宜	宜	幾	機												281										314	身	真	神	紳	仁	仁	仁	親	
217	究	窮	愈	疑	宜	宜	幾	機												282										315	尋	甚	甚	甚	甚	甚	甚	甚	
218	巨	拒	愈	疑	宜	宜	幾	機												283																			
219	禦	拒	愈	疑	宜	宜	幾	機												284																			
220	供	僑	僑	兇	兢	凶	協	匡												285										315									
221	脚	叫	僑	兇	兢	凶	協	匡												286										316	須	醉	厨	逗	吹	垂	帥	箇	
222	扶	橋	僑	兇	兢	凶	協	匡												287										317	炊	睡	厨	逗	吹	垂	帥	箇	
223	挾	橋	僑	兇	兢	凶	協	匡												288										318	瑞	髓	厨	逗	吹	垂	帥	箇	
224	業	局	曲	斤	欽	琴	金													289										319	福	髓	厨	逗	吹	垂	帥	箇	
225	巾	錦	斤	欽	琴	金														290										320	澄	髓	厨	逗	吹	垂	帥	箇	
226	芹	茵	禱	欽	琴	金														291																			
																				292																			
226																				293																			
227	俱	句	區	玖	矩	駭	驅	九																															
227	駒	具	虞	玖	矩	駭	驅	九																															
228	駒	具	虞	玖	矩	駭	驅	九																															
229	串	櫛	虞	玖	矩	駭	驅	九																															







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								
											459	履	李	梨	理	璃	離	陸	律	率	立	490	僉	僂	僃	僄	僅	僆	僇	僈	僉	526	壘	壘	壘	壘	壘	壘	壘	壘	壘	527	僊	僋	僌	働	僎	像	僐	僑	僒
440											460	痢	裏	裡	離	離	陸	律	率	立	491	僊	僋	僌	働	僎	像	僐	僑	僒	528	壘	壘	壘	壘	壘	壘	壘	壘	壘	529	僊	僋	僌	働	僎	像	僐	僑	僒	
441											461	律	隆	龍	劉	流	留	留	亮	瞭	僚	492	僊	僋	僌	働	僎	像	僐	僑	僒	530	壘	壘	壘	壘	壘	壘	壘	壘	壘	531	僊	僋	僌	働	僎	像	僐	僑	僒
442											462	隆	龍	劉	流	留	留	留	亮	瞭	僚	493	僊	僋	僌	働	僎	像	僐	僑	僒	532	壘	壘	壘	壘	壘	壘	壘	壘	壘	533	僊	僋	僌	働	僎	像	僐	僑	僒
443											463	兩	凌	侶	料	涼	涼	療	亮	瞭	僚	494	僊	僋	僌	働	僎	像	僐	僑	僒	534	壘	壘	壘	壘	壘	壘	壘	壘	壘	535	僊	僋	僌	働	僎	像	僐	僑	僒
444											464	糧	良	諒	遒	量	陵	領	綠	綠	倫	495	僊	僋	僌	働	僎	像	僐	僑	僒	536	壘	壘	壘	壘	壘	壘	壘	壘	壘	537	僊	僋	僌	働	僎	像	僐	僑	僒
445											465	厘	林	淋	琳	淋	淋	淋	淋	淋	淋	496	僊	僋	僌	働	僎	像	僐	僑	僒	538	壘	壘	壘	壘	壘	壘	壘	壘	壘	539	僊	僋	僌	働	僎	像	僐	僑	僒
446											466	璽	淚	累	類	令	伶	例	冷	勵	497	僊	僋	僌	働	僎	像	僐	僑	僒	540	壘	壘	壘	壘	壘	壘	壘	壘	壘	541	僊	僋	僌	働	僎	像	僐	僑	僒	
447											467	嶺	伶	齡	齡	齡	齡	齡	齡	齡	498	劊	劋	劌	劍	劑	劒	劓	劔	劕	542	壘	壘	壘	壘	壘	壘	壘	壘	壘	543	僊	僋	僌	働	僎	像	僐	僑	僒	
448											468	嶺	伶	齡	齡	齡	齡	齡	齡	齡	499	劊	劋	劌	劍	劑	劒	劓	劔	劕	544	壘	壘	壘	壘	壘	壘	壘	壘	壘	545	僊	僋	僌	働	僎	像	僐	僑	僒	
449											469	漣	煉	練	練	練	練	練	練	練	500	勳	勳	勳	勳	勳	勳	勳	勳	勳	546	壘	壘	壘	壘	壘	壘	壘	壘	壘	547	僊	僋	僌	働	僎	像	僐	僑	僒	
450											470	蓮	連	鍊	鍊	鍊	鍊	鍊	鍊	鍊	501	勳	勳	勳	勳	勳	勳	勳	勳	勳	548	壘	壘	壘	壘	壘	壘	壘	壘	壘	549	僊	僋	僌	働	僎	像	僐	僑	僒	
451											471										502	旬	旬	旬	旬	旬	旬	旬	旬	旬	550	壘	壘	壘	壘	壘	壘	壘	壘	壘	551	僊	僋	僌	働	僎	像	僐	僑	僒	
452											472	露	婁	廊	弄	榔	榔	榔	榔	榔	503	厄	厄	厄	厄	厄	厄	厄	厄	厄	552	壘	壘	壘	壘	壘	壘	壘	壘	壘	553	僊	僋	僌	働	僎	像	僐	僑	僒	
453											473	牢	籠	老	聾	郎	郎	郎	郎	郎	504	厄	厄	厄	厄	厄	厄	厄	厄	厄	554	壘	壘	壘	壘	壘	壘	壘	壘	壘	555	僊	僋	僌	働	僎	像	僐	僑	僒	
454											474	助	錄	錄	錄	錄	錄	錄	錄	錄	505	廠	廠	廠	廠	廠	廠	廠	廠	廠	556	壘	壘	壘	壘	壘	壘	壘	壘	壘	557	僊	僋	僌	働	僎	像	僐	僑	僒	
455											475										506	叭	叭	叭	叭	叭	叭	叭	叭	叭	558	壘	壘	壘	壘	壘	壘	壘	壘	壘	559	僊	僋	僌	働	僎	像	僐	僑	僒	
456											476										507	叭	叭	叭	叭	叭	叭	叭	叭	叭	560	壘	壘	壘	壘	壘	壘	壘	壘	壘	561	僊	僋	僌	働	僎	像	僐	僑	僒	
457											477										508	咒	咒	咒	咒	咒	咒	咒	咒	咒	562	壘	壘	壘	壘	壘	壘	壘	壘	壘	563	僊	僋	僌	働	僎	像	僐	僑	僒	
458											478										509	啞	啞	啞	啞	啞	啞	啞	啞	啞	564	壘	壘	壘	壘	壘	壘	壘	壘	壘	565	僊	僋	僌	働	僎	像	僐	僑	僒	
459											479										510	啞	啞	啞	啞	啞	啞	啞	啞	啞	566	壘	壘	壘	壘	壘	壘	壘	壘	壘	567	僊	僋	僌	働	僎	像	僐	僑	僒	
460											480	弋	巧	丕	个	丕	井	丿	乂	511	啞	啞	啞	啞	啞	啞	啞	啞	啞	568	壘	壘	壘	壘	壘	壘	壘	壘	壘	569	僊	僋	僌	働	僎	像	僐	僑	僒		
461											481	乖	亂	丿	个	丕	井	丿	乂	512	啞	啞	啞	啞	啞	啞	啞	啞	啞	570	壘	壘	壘	壘	壘	壘	壘	壘	壘	571	僊	僋	僌	働	僎	像	僐	僑	僒		
462											482	巫	尪	尪	尪	尪	尪	尪	尪	513	啞	啞	啞	啞	啞	啞	啞	啞	啞	572	壘	壘	壘	壘	壘	壘	壘	壘	壘	573	僊	僋	僌	働	僎	像	僐	僑	僒		
463											483	尪	尪	尪	尪	尪	尪	尪	尪	514	啞	啞	啞	啞	啞	啞	啞	啞	啞	574	壘	壘	壘	壘	壘	壘	壘	壘	壘	575	僊	僋	僌	働	僎	像	僐	僑	僒		
464											484	尪	尪	尪	尪	尪	尪	尪	尪	515	啞	啞	啞	啞	啞	啞	啞	啞	啞	576	壘	壘	壘	壘	壘	壘	壘	壘	壘	577	僊	僋	僌	働	僎	像	僐	僑	僒		
465											485	尪	尪	尪	尪	尪	尪	尪	尪	516	啞	啞	啞	啞	啞	啞	啞	啞	啞	578	壘	壘	壘	壘	壘	壘	壘	壘	壘	579	僊	僋	僌	働	僎	像	僐	僑	僒		
466											486	尪	尪	尪	尪	尪	尪	尪	尪	517	啞	啞	啞	啞	啞	啞	啞	啞	啞	580	壘	壘	壘	壘	壘	壘	壘	壘	壘	581	僊	僋	僌	働	僎	像	僐	僑	僒		
467											487	尪	尪	尪	尪	尪	尪	尪	尪	518	啞	啞	啞	啞	啞	啞	啞	啞	啞	582	壘	壘	壘	壘	壘	壘	壘	壘	壘	583	僊	僋	僌	働	僎	像	僐	僑	僒		
468											488	尪	尪	尪	尪	尪	尪	尪	尪	519	啞	啞	啞	啞	啞	啞	啞	啞	啞	584	壘	壘	壘	壘	壘	壘	壘	壘	壘	585	僊	僋	僌	働	僎	像	僐	僑	僒		
469											489	尪	尪	尪	尪	尪	尪	尪	尪	520	啞	啞	啞	啞	啞	啞	啞	啞	啞	586	壘	壘	壘	壘	壘	壘	壘	壘	壘	587	僊	僋	僌	働	僎	像	僐	僑	僒		
470																					521	坏	坏	坏	坏	坏	坏	坏	坏	坏	588	壘	壘	壘	壘	壘	壘	壘	壘	壘	589	僊	僋	僌	働	僎	像	僐	僑	僒	
																					522	坩	坩	坩	坩	坩	坩	坩	坩	坩	590	壘	壘	壘	壘	壘	壘	壘	壘	壘	591	僊	僋	僌	働	僎	像	僐	僑	僒	
																					523	坩	坩	坩	坩	坩	坩	坩	坩	坩	592	壘	壘	壘	壘	壘	壘	壘	壘	壘	593	僊	僋	僌	働	僎	像	僐	僑	僒	
																					524	堡	堡	堡	堡	堡	堡	堡	堡	堡	594	壘	壘	壘	壘	壘	壘	壘	壘	壘	595	僊	僋	僌	働	僎	像	僐	僑	僒	
																					525	墟	墟	墟	墟	墟	墟	墟	墟	墟	596	壘	壘	壘	壘	壘	壘	壘	壘	壘	597	僊	僋	僌	働	僎	像	僐			

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

Other

	Heavy rain
	Gale
	Notification



Specifications

SoftBank 944SH	
Weight*	123 g (139 g with battery)
Continuous Talk Time*	200 minutes (3G) 200 minutes (GSM)
Continuous Standby Time*	310 hours (3G) 270 hours (GSM) (handset closed)
Continuous TV Reception Time*	4 hours and 45 minutes
Charging Time (power off)*	AC Charger: 140 minutes In-Car Charger: 140 minutes
Dimensions (W x H x D)*	51 x 110 x 17.5 mm (handset closed, without protruding parts)
Maximum Output	0.25 W (3G) 2.0 W (GSM)

*Approximate value.

- Above values calculated with Backlight Brightness set to **Level:2**.
- Continuous Talk Time is an average measured with a new, fully charged battery, in strong signal conditions without moving handset.
- Continuous Standby Time is an average measured with a new, fully charged battery, with handset closed without calls or operations, in strong signal conditions without moving handset. In Japan (3G service area), the value is calculated with IP Service Setting and Mobile Widget Auto Refresh set to **Off**.

- Continuous TV Reception Time is measured with a new, fully charged battery, with AV Mode (default: **Link to Genre**) set to **Standard** (Brightness: **2**, Tone: **Normal**) and Smooth Mode (default: **On**) set to **Off** in landscape position with Headphones connected to External Device Port, until battery runs low (10% of capacity).
- Talk Time/Standby Time/TV Reception Time may vary with 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, battery side)	Nylon resin/Acrylic UV painting
Housing (side belt)	ABS resin/Deposition/Acrylic UV painting
Battery Cover	Base: PC resin & ABS resin/Acrylic UV painting Gasket (back): PC resin & silicone
Mobile Light cover, lens cover	Acrylic resin
Sub Display window, hinge ornament, Display window	PC resin & acrylic resin

Parts	Materials/Finishing
Camera ornament	PC resin & acrylic resin/UV curing resin
Multi Selector (Cursor Keys)	Aluminum/Anodized aluminum
Key ornament sheets (Keypad side)	PET/UV curing resin
Center Key, Mail Key, Shortcuts & A/a Key, Yahoo! Keitai Key, TV & Text Key, Power On/Off & End Key, Clear/Back Key, Start Key, Keypad, ✕ Key, # Key, Dictionary Key, Multi Job & Manner Key, Camera Key	PC resin
Side Keys (Volume Up Key, Volume Down Key, Shutter Key)	PC resin/Acrylic UV painting
Infrared Port	PC resin & acrylic resin (back: infrared permeable printing)/UV curing resin
External Device Port Cover	PC resin & elastomeric resin/Acrylic UV painting
Charging Terminals	SUS/Gold plating (sealer: nickel)
Battery contact pins	Copper alloy/Gold plating (sealer: nickel)
USIM Tray	SUS/PAI (polyamide-imide) resin coating & LCP (liquid crystal polymer) resin
Screws	SUS410
Battery	PC & ABS resin



Accessories

■ Battery

Voltage	3.7V
Battery Type	Lithium-ion
Capacity	770 mAh
Dimensions (W x H x D) [*]	35.4 x 46.3 x 4.6 mm (without protruding parts)

Approximate value.

■ Desktop Holder

Input Voltage/Current	DC 5.4V/700 mA
Output Voltage/Current	DC 5.4V/700 mA
Charging Temperature	5°C to 35°C
Dimensions (W x H x D) [*]	131 x 31 x 45 mm

Approximate value.

Basic Operations

■ Standby Shortcut

Standby	16 (shared with widgets) [*]
Icon View	100 (16 per page including widgets)

^{*}Excluding S! Quick News & S! Friend's Status, Pedometer and Household Accounts.

Universal Operations, Etc.

■ Text Entry

User Dictionary	250 entries (5 per reading) Word: 30 characters Reading: 8 hiragana
Acquire Dictionary	5 dictionaries
Paste List	10 text strings
Recoverable Deleted Characters	30,720 single-byte characters
Dictionary	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

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

Calling

Call Log Records	Dialed: 30 Dialed Ranking: 10 Received: 30
Answer Phone/Record Caller Voice	20 messages or 90 seconds
Auto Answer List	10 numbers
Speed Dial/Mail	100 numbers/addresses
Rakutomo Link	10 numbers/addresses

Messaging

Memory	Received Msg.	10 MB or 3,000 messages
	Drafts	5 MB (or 1,000 messages between Drafts, Sent Messages and Unsent Messages)
	Sent Messages	
	Unsent Messages	
	Templates	104 MB (shared with Data Folder and S! Appli Library)

PC Mail/S! Mail Subject	512 single-byte characters	
PC Mail/S! Mail Message	Approximately 30,000 single-byte characters	
SMS Message	160 single-byte alphanumerics	
Auto Resend	2 times	
Attachment	20 files or 2 MB [*]	
Send Reservation	10 messages	
Recipient	20 numbers/addresses	
Folder	20 folders (20 sort keys each)	
Chat Folder	Memory	300 messages per folder
	Folder	10 folders (20 members each)
Graphic Mail	1 sound or Flash [®] file, or 40 images/My Pictograms (with 1 sound or Flash [®] file)	
Auto Reply	20 numbers/addresses Reply Message: 256 single-byte characters per mode	
Sort Spam Mail	Individual	20 entries
	Permitted List	20 entries

^{*}Limit may be lower depending on message text, etc.

■ PC Mail Settings

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



Internet

Download (Yahoo! Keitai)	500 KB per page	
	10 MB (100 MB via Keitai Wi-Fi) for progressive downloads	
Download (PC Site Browser) ¹	JPEG Images	3 MB
	Flash® Files	2 MB
Download (Direct Browser) ¹	JPEG Images	5,000 KB
	Flash® Files	2 MB
History	300 pages for Yahoo! Keitai 300 pages between PC Site Browser and Direct Browser	
URL Entry Log	10 URLs	
Bookmarks ² & Saved Pages	100 pages for Yahoo! Keitai 100 pages between PC Site Browser and Direct Browser	
Tab	5 tabs at one time	
Input Memory	20 entries	
Streaming History	20 URLs	
RSS Feeds	30 entries (60 KB per entry)	

¹ 1 MB each for files other than JPEG images and Flash® files. (Some media files are playable beyond 1 MB.)

² Folders are counted as pages.

Digital TV

Recorded File	ISDB-T mobile Video profile (SD-Video standard)	
Recording Time (example)	Handset	Approximately 30 minutes
	Memory Card	Approximately 80 minutes on 256 MB Memory Card
Marker	99 Markers (10 per file)	
Split File	99 portions per file	
Time Shift Recording	30 minutes	
Reservation List	5 entries (24 hours each on 1 GB or larger Memory Card)	

Camera & Imaging

Mobile Camera

Effective Pixels	8 Megapixels
Auto Shut-off Time	Approximately 3 minutes

Photo Camera

Zoom	1x - 20.4x	
Picture Size (W x H dots)	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
Scanner Image Size (W x H dots)	Free, 1200 x 640, 480 x 1488, 1280 x 960	
File Format	JPEG	
Memory	Approximately 37 files (at 8M, High Quality) on handset with no other files	

File Name	yymmdd_hhmmss
Shooting Distance	Macro: 10 cm
Background Save	3 files
Portrait Auto Focus	VGA or larger

Video Camera

Zoom	1x - 5.1x	
Record Size (W x H dots)	Extended Video	864 x 480 (Wide)
		640 x 480 (VGA)
		176 x 144 (QCIF)
	For Message	320 x 240 (QVGA)
		176 x 144 (QCIF)

File Format	3GP
-------------	-----

Recording Capacity per Shot	Extended Video	Approximately 30 minutes* on Memory Card
	For Message	2 MB or 295 KB

File Name	yymmdd_hhmmss
-----------	---------------

Recording Distance	1.5 m in good light
--------------------	---------------------

Still Image Capture	3 images
---------------------	----------

Recording Pause Supported	QVGA or larger (Extended Video sizes only)
---------------------------	--

*Varies with handset usage, location or settings.



■ Editing Images

Picture Editor	Resize (W x H dots)	Wallpaper (480 x 854) Power On/Off (480 x 854) Incoming Call (320 x 320) Alarm (480 x 208) Mail Art (96 x 96) Sub Display (240 x 456) 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
Composite	Merge	JPEG images between W 48 x H 64 dots and 240 x 320 dots
	Panorama	

Video & Music

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

S! Applications & Widgets

■ S! Applications

Memory	100 items or 104 MB (shared with Messaging Templates folder and other folders in Data Folder)
Remote Control	Approximately 5 m

■ Mobile Widget

Standby	6 widgets (S! Quick News & S! Friend's Status: 1, Pedometer: 1, Household Accounts: 1, others: 3)
Icon View (40 pages)	Handset widgets: 100 Memory Card widgets: 100 (16 per page including Standby Shortcuts)

Handy Extras

■ PIM/Life

Calendar/ Tasks	Schedule: 1,000 entries Tasks: 300 entries Subject: 32 characters Description: 128 characters Location: 16 characters Set Holiday: 10 holidays	
	Alarms	5 entries, Subject: 9 characters
Wakeup TV	Auto Shut-off	Approximately 30 minutes
Household Accounts	3,285 entries ² (9,999,999 yen each)	
Calculator	999,999,999,999	
Expenses Memo	50 entries (999,999.99 yen each) per list x 3 lists	
Osaifu-Keitai®	Remote Lock password: 5 - 16 single-byte alphanumerics	

¹ Preset holidays are based on Japanese calendar as of April 2010.

² Limit may be lower depending on the number of items in each entry.

■ Clock/Gauge

Stopwatch	23 hours 59 minutes 59.9 seconds in 0.1-second increments Lap time: 4 records
Countdown Timer	99 minutes 59 seconds in 1-second increments
World Clock	City name: 16 characters

Pedometer	Today's Data	Steps: 99,999
		Walking Time: 23 hours 59 minutes 59 seconds
		Exercise: 71.9 Ex
		Calories: 9,999.9 kcal
	Log	Distance: 179.9 km
		Fat Burned: 999.9 g
		2 years
		Hourly view: 9,999 steps per hour Daily view: 99,999 steps per day
	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 Distance: 999,999.9 km Fat burned: 999,999.9 g
Average	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	
S! GPS Navi	My Location	50 entries



Doc./Rec.

Document Viewer	Supported Formats	PDF (.pdf) Microsoft® Excel® (.xls) Microsoft® Word (.doc) Microsoft® PowerPoint® (.ppt)
	File Size	10 MB
Notepad	500 entries	(8,192 characters each)
Voice Recorder	For Message	Approximately 20 minutes (message size limit: 2 MB) or 3 minutes (message size limit: 300 KB) per file
	Extended Voice	99 hours 59 minutes 59 seconds
Scan Barcode (Continuous Mode)	UPC/JAN	50 codes
	QR Code	16 codes
Create QR Code	Equivalent of 513 digits, 311 alphanumerics or 131 kanji	
Scan Text	256 characters	

Entertainment

S! Quick News

Savable Items	1 item for Special 5 items between News Flash and General
---------------	--

e-Books

Text Copy	20 characters
-----------	---------------

S! Friend's Status

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

S! Circle Talk

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

Blog Tool

Blog Details	5 entries	
Blog Title	16 characters	
Blog Settings (Mail)	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
Blog Settings (Yahoo! Keitai, PC Site Browser & Direct Browser)	URL for Posting	1,024 characters
	URL for Viewing	1,024 characters

Data Folder

Memory	104 MB (shared with Messaging Templates folder and S! Appli Library)
--------	--

Memory Card

Backup File Name	yymmddXX (XX: 2 digits/letters)
------------------	---------------------------------

yymmdd for Contents Keys.

Connectivity & File Backup

Wi-Fi

Profile	10 entries
Authentication Method	Open System, Shared Key, WPA-PSK, WPA2-PSK, WPA/WPA2-PSK Auto
Encryption Method	No Authentication, WEP, TKIP, AES, TKIP/AES Auto
WEP Key	4 keys

Infrared

Infrared Transfer	IrMC 1.1	
	Range	Within 20 cm
IrSS Transfer (JPEG images)	Receive 2,500 KB or less; send 5,000 KB or less (after resizing)	

Bluetooth®

Communication System	Bluetooth® specification Ver. 2.1	
Supported Profiles	Headset Profile	
	Hands-Free Profile	
	Dial-Up Networking Profile	
	Object Push Profile	
	File Transfer Profile	
Output	Basic Imaging Profile	
	Advanced Audio Distribution Profile	
	Audio/Video Remote Control Profile	
Output Range	Bluetooth® Power Class 2 Within 10 m	
Device Search	16 devices	
Pairing	32 devices	
Device Name	16 characters	
Printing	JPEG/PNG images	

S! Addressbook Back-up

Log	10 synchronization records
-----	----------------------------

Network

Add Network	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
- **Messaging Basics**
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
- **Ichi Navi**
http://mb.softbank.jp/en/price_plans/basic_option.html
- **Secure Remote Lock**
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
From Handset (Japanese)
<http://shweb.sharp.co.jp/>
- **Compatible Blu-ray Disc Recorders**
From PC (Japanese)
http://www.sharp.co.jp/support/av/dvd/doc/info_cellular.html
- **SVG-T**
From Handset (Japanese)
http://shweb.sharp.co.jp/svg/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/>
- **SOFTBANK TELECOM Corp. (BB mobilepoint)**
From PC
<http://tm.softbank.jp/english/consumer/wlan/index.html>



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)
			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)	



Menu List

Messaging

Function	Refer to	
Received Msg.	P.5-16	
Create Message	P.5-4	
Retrieve New Msg.	P.5-28	
Drafts	P.5-34	
Templates	P.5-9	
Sent Messages	P.5-16	
Unsent Messages	P.5-34	
Chat Folder	P.5-19	
Server Mail Box	Mail List	P.5-28
	Retrieve All	P.5-28
	Delete All	P.5-32
	Mailbox Volume	P.5-35
Create New SMS	P.5-11	
Settings	Address Settings	P.5-3
	View Settings	P.5-35
	Receive Settings	P.5-15
	Create/Send Settings	P.5-12
	PC Mail Settings	P.5-22
	SMS Settings	P.5-40
	Speed Dial/Mail	P.5-24
Mail Groups	P.5-20	
Memory Status	P.5-31	

Settings: View Settings

Function	Refer to
Received Msg. View	P.5-35
Sent Msg. View	P.5-35
Message List View	P.5-35
Scroll Unit	P.5-35
Auto Play Attached Sound	P.5-35
Picture Appearance	P.5-35
Animation View	P.5-35
Address View	P.5-35

Settings: Receive Settings

Function	Refer to	
Message Download	DL Size Limit	P.5-36
	Auto Settings	P.5-15
	Condition(Auto)	P.5-36
Auto Delete Received Msg.	P.5-36	
Other Than Standby Screen	Incoming Display Setting	P.5-36
	View Setting	P.5-36
	Alert Sound	P.5-36
Secret Folder	P.5-36	
Link to Feeling	Standby Screen Info.	P.5-36
	Light	P.5-36
	Vibration Pattern	P.5-37
	Ringtone	P.5-37
Spam Mail Settings	Sort Spam Mail	P.5-18
	Report Spam	P.5-37

Settings: Create/Send Settings

Function	Refer to	
Create Msg. Size	P.5-37	
Picture Auto Resize	P.5-37	
Sending Status	P.5-37	
Auto Resend	P.5-37	
Auto Delete Sent Msg.	P.5-37	
Send Option	Delivery Report	P.5-37
	Reply to Settings	P.5-38
Reply Settings	Reply With Text	P.5-38
	Auto Reply	P.5-31
	Set Quick Reply	P.5-30
	Viewing on Sub-Display	P.2-31
Send File Settings	P.5-38	
Restrictions Setting	P.5-12	

Settings: PC Mail Settings

Function	Refer to
PC Mail Account	P.5-22
PC Mail DL	P.5-38
Check New Mail	P.5-38
Word wrap	P.5-39

Settings: SMS Settings

Function	Refer to
Expiry Time	P.5-40
Message Center	P.5-40
Char-code	P.5-40



Yahoo!	
Function	Refer to
Yahoo! Keitai	P.6-3
Menu List	P.6-3
Bookmarks	P.6-8
Saved Pages	P.6-8
Web Search	P.6-11
Enter URL	P.6-4
History	P.6-4
PC Site Browser	P.6-5
Direct Browser	P.6-5
Browser Settings	P.6-12

■ PC Site Browser

Function	Refer to
Homepage	P.6-5
Bookmarks	P.6-8
Saved Pages	P.6-8
Web Search	P.6-11
Enter URL	P.6-5
History	P.6-5
RSS Feed	P.6-9
Yahoo! Keitai	P.6-3
Direct Browser	P.6-5

	Function	Refer to
PC Site Browser Settings	Font Size	P.6-12
	Scroll Settings	P.6-13
	Cursor Settings	P.6-12
	Downloads	P.6-12
	Memory Operation	P.6-10
	Security Settings	P.6-17
	Download to	P.6-12
	Picture Appearance	P.6-12
	Initialized Browser	P.6-17
	Reset Settings	P.6-17
	Warning Message	P.6-13
	Zoom Factor	P.6-12
	Softkey Area	P.6-12

■ Direct Browser

Function	Refer to
Homepage	P.6-5
Bookmarks	P.6-8
Saved Pages	P.6-8
Web Search	P.6-11
Enter URL	P.6-5
History	P.6-5
RSS Feed	P.6-9
Yahoo! Keitai	P.6-3
PC Site Browser	P.6-5

	Function	Refer to
Set Direct Browser	Font Size	P.6-12
	Scroll Settings	P.6-13
	Cursor Settings	P.6-12
	Downloads	P.6-12
	Memory Operation	P.6-10
	Security Settings	P.6-17
	Download to	P.6-12
	Picture Appearance	P.6-12
	Initialized Browser	P.6-17
	Reset Settings	P.6-17
	Zoom Factor	P.6-12
	Softkey Area	P.6-12
	Direct Browser Lock	P.6-13
Proxy Setting	P.6-13	
Homepage Setting	P.6-13	
Search Page	P.6-13	

■ Browser Settings

Function	Refer to
Font Size	P.6-12
Scroll Unit	P.6-13
Cursor Settings	P.6-12
Downloads	P.6-12
Memory Operation	P.6-10
Security Settings	P.6-17
Download to	P.6-12
Page Settings	P.6-12
Initialized Browser	P.6-17
Reset Settings	P.6-17



S! Appli

Function	Refer to
S! Appli Library	P.10-2
Osaifu-Keitai	P.11-19
Settings	P.10-7
Information	P.10-7

■ Settings

Function	Refer to	
Application Volume	P.10-6	
Backlight	P.10-7	
Vibration	P.10-7	
Synchronization	P.10-7	
Calls & Alarms	P.10-6	
Screensaver	Switch On/Off	P.10-6
	Activation Time	P.10-6
	Stop Auto Start	P.10-6
Surround	P.10-6	
Set to Default	P.10-7	
Memory All Clear	P.10-7	

Entertainment

Function	Refer to	
S! Information Channel/ Weather	What's New	P.12-3
	Back Issue	P.12-3
	Registration/Cancel	P.12-3
	Get Latest Contents	P.12-13
	Notification	P.12-13
Weather Indicator	P.12-3	
S! Quick News	P.12-2	
Free Contents	P.12-4	
S! Contents Store	P.12-4	
Media Player	Music	P.9-5
	Videos	P.9-6
	Streaming	P.6-4
	MTP Mode	P.9-4
S! Friend's Status	P.12-6	
S! Circle Talk	P.12-9	
Blog Tool	P.12-11	
Digital Media Viewer	P.12-5	
BookSurfing	P.12-5	
e-Book Viewer	P.12-5	

■ S! Information Channel/Weather:
Weather Indicator

Function	Refer to	
Weather	P.12-14	
Manual Update	P.12-3	
Settings	Standby Setting	P.12-14
	Weather Notif.	P.12-14
	Icon Update	P.12-14

■ S! Quick News

Function	Refer to	
S! Quick News List	P.12-2	
Settings	Automatic Update	P.12-13
	Show Image	P.12-13
	Check Schedule	P.12-13
	Change Skin	P.12-13
	Delete S! Quick News Lists	P.12-13

■ Media Player: Music

Function	Refer to	
Last Played Music	P.9-8	
My Music	P.9-5	
SD AUDIO	P.9-5	
WMA	P.9-5	
Download Music	P.9-4	
Settings	Sound Effects	P.9-8
	Playback Mode	P.9-8
	Sub Pattern Setting	P.2-31
	@Sound Output	P.9-8
	Delete All WMA	P.9-10



Media Player: Videos

Function	Refer to	
Last Played Video	P.9-8	
My Videos	P.9-6	
Recorder Contents	P.9-6	
SD VIDEO	P.9-6	
Download Videos	P.9-4	
Settings	Playback Mode	P.9-8
	Backlight	P.9-8
	Display Size	P.9-8
	Sound Effects	P.9-8
	Web Link Setting	P.9-8
	Ⓞ Sound Output	P.9-8

Camera

Function	Refer to
Easy Auto Camera	P.8-5
Pro Auto Camera	P.8-3
Quick Camera	P.8-3
Rapid Shooting Camera	P.8-8
Pretty Arrange Camera	P.8-9
Fine Video Camera	P.8-4
Video Camera for Mail	P.8-16
Sub-Wallpaper Camera	P.8-29
Various Cameras	P.8-8
Album	P.8-18
Scan Receipt	P.11-14
Scan Barcode	P.11-38
Scan Card	P.11-40
Kanji Grabber	P.11-42
Review	P.8-21
Set Camera Key	P.8-27

Photo Camera (Example: Pro Auto Camera)

Function	Refer to	
Switch Camera	P.8-8	
Detect Personal	P.8-14	
Self-timer	P.8-27	
Picture Size	P.8-27	
Focus Setting	P.8-27	
Shutter Settings	Egao level	P.8-28
	Shutter Mode	P.8-28
	Shutter Sound	P.8-28
	Set Remote Shutter	P.8-27
Settings	Picture Quality	P.8-28
	ISO Sensitivity	P.8-28
	White Balance	P.8-28
	Exposure	P.8-28
	Shake Reducing	P.8-28
	Long Exposure	P.8-28
	Display Setting	P.8-28
	Sub-Display	P.2-31
	Set Send Key	P.8-28
Album	P.8-18	
Save Settings	Save Pictures to	P.8-28
	Auto Save	P.8-28
	Background Save	P.8-28
Scene	P.8-10	
Help	P.8-27	
Mobile Light	P.8-28	

Video Camera

Function	Refer to	
Switch Camera	P.8-8	
Simple Setting	P.8-16	
Self-timer	P.8-30	
Record Time/Size	P.8-30	
Focus Setting	P.8-30	
Shake Reducing	P.8-30	
Settings	Video Quality	P.8-30
	Exposure	P.8-30
	Microphone	P.8-30
	Sub-Display	P.2-31
Review	P.8-21	
Save Settings	Save Videos to	P.8-30
	Auto Save	P.8-30
	Video Encode	P.8-30
	Audio Encode	P.8-30
Display Size	P.8-30	
Help	P.8-30	
Mobile Light	P.8-30	

Videos/Music

Function	Refer to
Videos/Music	P.9-2



Tools

PIM/Life

Function	Refer to
Calendar	P.11-2
Exchange Profile	P.15-10
Alarms	P.11-8
Wakeup TV	P.11-10
Relaxation Time	P.11-12
Tasks	P.11-6
Household Accounts	P.11-13
Calculator	P.11-17
Expenses Memo	P.11-18
Osaifu-Keitai	P.11-19

Simulated Call	Receive Simulated Call	P.11-48
	Switch On/Off	P.11-23
	Set Caller	P.11-23
	Assign Tone	P.11-23
	Receive Timing	P.11-23
	For Silent Mode	P.11-49

PIM/Life: Osaifu-Keitai

Function	Refer to	
Lifestyle-Appi	P.11-19	
IC Card Settings	IC Card Status	P.11-48
	IC Card Lock	P.11-20
	Remote Lock	P.11-21
	Interface Settings	P.11-48
	Balance Info	P.11-48
	Sub-Display	P.2-31
	Set to Default	P.11-48

Clock/Gauge

Function	Refer to
Stopwatch	P.11-24
Countdown Timer	P.11-25
World Clock	P.11-26
Hour Minder	P.11-27
Pedometer	P.11-28
Compass	P.11-30
SI GPS Navi	P.11-31
Battery Meter	P.2-24

Doc./Rec.

Function	Refer to	
Dictionary	P.3-12	
Search	P.3-15	
Document Viewer	P.11-34	
Notepad	P.11-35	
Scratch Pad	P.3-16	
ASCII Art	P.11-36	
Voice Recorder	Record Time	P.11-51
	Ring Songs/Tones	P.11-37
	Save Recording to	P.11-51
Barcode/Scan	Scan Barcode	P.11-38
	Open Barcode	P.11-52
	Create QR Code	P.11-39
	Scan Card	P.11-40
	Scan Receipt	P.11-14
	Kanji Grabber	P.11-42
Phone Help	Scan Text	P.11-41
	Scanned Results	P.11-52
Phone Help	P.2-24	

Connectivity

Function	Refer to	
Wi-Fi	P.15-2	
Bluetooth	P.15-13	
Infrared	Switch On/Off	P.15-8
	Send All	P.15-9
IC Transmission	IrSS Key Setting	P.15-24
	1 File Reception	P.15-24
USB Mode	Send All	P.15-12
	Mass Storage	P.15-17
	Recorder Link	P.15-17
	MTP Mode	P.9-4
USB Charge	P.1-5	
Memory Card	P.14-6	
Backup/Restore	P.15-19	

Connectivity: Wi-Fi

Function	Refer to
Switch On/Off	P.15-23
Create Profile	P.15-3
Profile List	P.15-23
Common Settings	P.15-23
Connect Information	P.15-23
Show MAC Address	P.15-23
Application	P.15-23
What's Keitai Wi-Fi?	P.15-23

Connectivity: Bluetooth

Function	Refer to
Switch On/Off	P.15-25
Add Device	P.15-14
Paired Devices	P.15-15
Send All	P.15-16
Setting Watch	P.15-25



Function	Refer to
My Device Settings	P.15-24
My Device Details	P.15-25

Data Folder

Function	Refer to
Pictures	P.8-22
DCIM	P.14-2
Ring Songs-Tones	P.11-37
S! Appli	P.10-2
Widget	P.10-3
Music	P.14-2
Videos	P.14-2
Lifestyle-Appli	P.11-19
Books	P.14-2
Customized Screen	P.3-4
Status Templates	P.14-2
Flash@	P.14-2
Other Documents	P.14-2
Memory Status	P.14-2

Widget

Function	Refer to	
Widget Store	P.10-4	
Widget Contents	Widget	P.10-4
	Widget(Sub-Display)	P.10-4
Settings	Remove Contents	P.10-4
	Auto Refresh	P.10-9
	AutoConnect Abroad	P.10-9
	Set Use Abroad	P.10-9
	Cookies	P.10-9
Delete Cookies	P.10-9	

TV

Function	Refer to
Digital TV	P.7-4
TV Player	P.7-8
TV-Image Folder	P.7-5
TV Link	P.7-13
TV Listing	P.7-6
Familink Remote	P.1-3
Reservation List	P.7-9
Recorder Contents	P.7-15
Settings	P.7-12

Settings

Function	Refer to	
TV Alarm	P.7-16	
Broadcast Data	Set Recording	P.7-14
	Image Location	P.7-14
	Notify Connection	P.7-13
	Location	P.7-13
	Manufacture Number	P.7-13
Delete StationData	P.7-13	
Screen Size	P.7-11	
Set Landscape	Display Icon	P.7-12
	Magnify Area	P.7-12
	Key Direction	P.7-12
Sound Output	P.7-12	
@Sound Output	P.7-12	
Set Call Time Shift	P.7-14	
Calls & Alarms	P.7-13	
TV Reserve Prior	P.7-16	
Save Recording to	P.7-14	

Function	Refer to	
Auto Exit	Auto Exit Time	P.7-12
	Close Action	P.7-12
Smooth Mode	P.7-11	

Phone

Function	Refer to	
Phone Book	P.3-17	
Add New Entry	P.3-17	
Information	P.1-7	
Call Log	P.4-8	
Play Messages	P.4-4	
Call Voicemail	P.4-13	
S! Addressbook Back-up	P.15-20	
My Details	P.2-24	
Set Category	P.3-18	
Mail Groups	P.5-20	
Rakutomo Link	P.4-7	
Speed Dial/Mail	P.4-6	
Touch-Tone Signal List	P.4-19	
Settings/Manage	Ph.Book Settings	P.3-19
	Call Log Setting	P.4-17
	Manage Entries	P.3-24



Settings

■ Sound/Display

Function	Refer to
Mode Settings	P.2-31
Display	P.16-3
Sub-Display	P.2-20
Customized Screen	P.3-4
Sounds & Alerts	P.3-5
Date & Time	P.16-2
言語選択 (Language)	P.16-3
Ringer Output	P.16-6
Earpiece Volume	P.4-15
Change Menu	P.2-5

■ Sound/Display: Display

Function	Refer to	
Wallpaper	P.3-3	
System Graphics	P.16-3	
VeilView	P.2-32	
Display Effects	P.16-3	
Font Settings	P.3-2	
Standby Display	Clock/Calendar	P.16-4
	Show Widget	P.16-4
	Display Status Icon	P.16-4
	Show Operator Name	P.16-4
Vivid Mode	P.16-3	
Mini Battery	P.2-32	
Greeting Message	P.16-3	
Backlight	P.16-3	
Display Saving	P.16-3	
Dial Number	P.16-3	

■ Sound/Display: Sub-Display

Function	Refer to
Home Panel	P.2-29
System Graphics	P.2-30
Desk Clock Mode	P.2-30
Open View	P.2-30
Display Direction	P.2-30
Caller Display	P.2-30
Category Display	P.2-30
Show Indicators	P.2-30

■ Sound/Display: Sounds & Alerts

Function	Refer to
Volume	P.16-5
Ringtone/videos	P.3-5
Machi-Uta	P.3-20
System Sounds	P.16-6
Vibration	P.3-5
Event Light	P.16-5
Set Key Illumi	P.16-4
Status Light	P.16-5
Any Key Answer	P.16-5
Surround	P.16-6

■ Sound/Display: Date & Time

Function	Refer to
Set Date/Time	P.16-2
Time Correction	P.16-2
Daylight Saving	P.16-2
Set Time Zone	P.16-2
Clock/Calendar	P.16-4
World Clock	P.11-26
Alarms	P.11-8
Set Holiday	P.11-43

Function	Refer to
Time Format	P.16-2
Date Format	P.16-2
Calendar Format	P.16-2

■ Phone/☎

Function	Refer to	
User Dictionary	P.3-11	
Set Key Shortcut	P.2-9	
Motion Control	P.2-23	
Vector Pad Settings	Scroll Speed	P.2-28
	Launch Spinguru Menu by	P.2-28
	Jog Speed	P.2-28
Touch Panel (Sub-Display)	Correct Vector Pad	P.2-28
	Touch Reaction	P.2-30
Set Key Light	Correct Touch Panel	P.2-30
Double Number	Set Key Light	P.16-4
	Switch On/Off	P.2-25
	Double Mode	P.2-27
	Mode Name	P.2-32
	Reject By Line	P.2-32
	Show Missed	P.2-32
Packet Warning	P.2-32	
Send Priority	P.2-32	
Videos/Music Menu Updates	P.9-2	
Memory Card	P.14-6	
Backup/Restore	Backup All Items	P.15-26
	Backup Selected Items	P.15-19
	Restore All Items	P.15-26
	Restore Selected Items	P.15-19
	Settings/Manage	P.15-26



Function		Refer to
Locks		P.13-2
Software Update		P.17-5
Master Reset	Reset Settings	P.16-8
	Reset All	P.16-8

Phone/☎: Memory Card

Function		Refer to
DPOF	Number of Copies	P.8-26
	Settings	P.8-32
	Check Settings	P.8-26
	Reset Settings	P.8-32
SD Local Contents		P.14-9
Format Card		P.14-6
Memory Status		P.14-2

Phone/☎: Locks

Function		Refer to
PIN Entry		P.13-2
Function Lock		P.13-2
IP Service Setting		P.16-7
Function Control		P.13-4
Application Lock		P.13-3
History Lock		P.13-3
Show Secret Data		P.13-3
Set Lock Message		P.13-5
Handset Code Setting	Need/UnNeed Setting	P.1-12
	Save Handset Code	P.1-11
Administrator Setting		P.1-12

Call

Function		Refer to
Call Time/ Data Counter	Call Timers	P.4-9
	Data Counter	P.4-17
	Call Time Counter	P.4-17
	Minute Minder	P.4-17
Answer Phone	Switch On/Off	P.4-4
	Answer Time	P.4-14
	Outgoing Message	P.4-14
	Volume	P.4-14
Voicemail/ Divert	Voicemail	P.4-13
	Diverts	P.4-12
	Cancel All	P.4-13
	Status	P.4-18
Video Call	Camera Picture	P.4-20
	Incoming Picture	P.4-20
	Outgoing Picture	P.4-20
	Hold Guidance Pict	P.4-20
	Backlight	P.4-20
	Loudspeaker	P.4-20
	Mute Microphone	P.4-20
	Remote Monitor	P.4-14
Show My Number		P.4-19
[out] Missed Calls		P.4-13
Int'l Calling	Int'l Prefix	P.4-15
	Country Codes	P.4-15
	Roaming Dial Assistant	P.4-15
Call Barring	Bar Outgoing Calls	P.4-19
	Restrict Destinations	P.4-10
	Bar Incoming Calls	P.4-19
	Reject Numbers	P.4-18
Auto Answer		P.4-19
Call Waiting		P.4-18

Network

Function		Refer to
Select Network		P.16-7
Select Service		P.16-7
Re-search Signal		P.16-7
Offline Mode		P.2-21
Retrieve NW Info		P.16-7
Network Info		P.16-7
Wi-Fi		P.15-3
External Device		P.16-7



Index

A

AC Charger	1-4
Accessing Functions	2-3, 2-9
Accessories	v
Administrator Code	1-11
After-Sales Services	17-42
Alarms	11-8
Canceling	11-9
Deleting	11-9
Editing entries	11-46
For Manner Mode	11-46
Link to World Clk	11-46
Album	8-18
Animation View	5-13
Answer Phone	4-4, 4-14
Any Key Answer	16-5
AOSS™	15-3
Application Lock	13-3
ASCII Art	11-36
Auto Art	5-4
Auto Reply	5-14, 5-31
Auto Resend	5-2, 5-37
Auto Retry Function	5-2

B

Backlight	16-3
Backup	15-18, 15-26
Bar Incoming Calls	4-19
Bar Outgoing Calls	4-19
Battery	1-4, 17-4
Battery Cover	1-2
Battery Meter	2-24
Blog Tool	12-11, 12-16
Bluetooth®	15-13
Blu-ray Disc recorders	7-15, 9-6, 9-11, 15-17
Bookmarks	6-8

BookSurfing®	12-5
--------------------	------

C

Calculator	11-17, 11-47
Calendar	11-2
Calendar Settings	11-43
Editing schedules	11-44
Call Barring	4-12, 4-19
Call Forwarding	4-12
Call Log	4-8, 4-16
Call Time Counter	4-17
Call Waiting	4-12, 4-18
Call Waiting (answering Line 2)	4-18
Caller ID	4-12, 4-19
Camera	8-2
Album	8-18
Capturing Still Images	8-5
Changing/saving camera settings	8-11
Detect Personal	8-14
Photo Camera settings	8-27
Recording Video	8-16
Review	8-21
Center Access Code	1-11
Change PIN	13-5
Character Code List	17-12
Charging	1-4
Charging Terminals	1-2
Chat Folder	5-19, 5-33
Cleaning (handset)	17-6
Clock/Calendar	16-4
Compass	11-30
Composite	8-25
Countdown Timer	11-25
Create QR Code	11-39
Customer Service	17-43
Customized Screen (Japanese)	3-4

D

Data Broadcast (Japanese)	7-5
Change View (Data)	7-13
Returning to initial window	7-13
Set Recording	7-14
Data Counter	4-17
Data Folder	14-2
Files (attaching)	5-5, 14-3
Files (moving/copying)	14-4
Files (opening)	14-3
Files (renaming)	14-8
Folders (adding)	14-4
Selecting Multiple Files	14-4
Set Secret (folders)	14-4
Slide Show	14-3
Date & Time	16-2
Daylight Saving	11-26, 16-2
Decoration Signature	5-10
Delivery Report	5-13, 5-25, 5-37
Dialing from Call Log records	4-16
Dictionary	3-12
Digital Media Viewer	12-5
Digital TV (→ TV)	7-2
Adding Reception Areas	7-3
Area Setup	7-3
Auto Exit	7-12
AV Settings	7-11
Calls & Alarms	7-13
Change Area	7-11
Program Info. Search	7-11
Screen Size	7-11
Set Channels	7-3, 7-11
Smooth Mode	7-11
Sound Output	7-12
Sound Output	7-12
Subtitle/Sound	7-14
Display	1-2, 1-7



Display (settings).....	16-3
Display Effects.....	16-3
Display Saving.....	16-3
Document Viewer.....	11-34
Double Number.....	2-25, 2-32
Download Dictionary.....	3-11
DPOF.....	8-26
Add Date.....	8-32
Check Settings.....	8-26
For All Pictures.....	8-26
Index Print.....	8-32
Dual Mode.....	2-27

E

Earpiece.....	1-2
Earpiece Volume.....	4-15
e-Book Library.....	12-14
e-Book Viewer.....	12-5
e-Books (Japanese).....	12-5, 12-14
Emergency Calls.....	4-2
English.....	16-3
Exchange Profile.....	15-10
Expenses Memo.....	11-18
External Device Connection.....	15-17
External Device Port.....	1-2

F

Face Arrange.....	8-24
Feeling Mail (receiving).....	5-13
Feeling Mail (sending).....	5-6
Focus (locking).....	8-7
Focus Setting.....	8-27, 8-30
Font Size.....	3-2
Format Card.....	14-6
Function Control.....	13-4
Function Lock.....	13-2

G

General Notes.....	xii
Graphic Mail.....	5-7

Group Calling.....	4-12, 4-18
Group Calling (opening another line).....	4-18
Guide Usage Notes.....	ii

H

Handset Closed.....	1-2
Handset Code.....	1-11
Handset Keys.....	1-3
Handset mail address.....	5-3
Handset Parts.....	1-2
Handset Positions.....	1-2
Handset Power On/Off.....	1-6
Handset Open.....	1-2
Handset responses.....	3-5
Headphones (answering calls).....	4-14
History Lock.....	13-3
Hold.....	4-14
Hour Minder.....	11-27
Assign Tone/Video.....	11-49
For Manner Mode.....	11-49
Link to World Clk.....	11-49
Vibration.....	11-49
Household Accounts.....	11-13

I

IC Card Lock.....	11-20
IC Card Settings.....	11-20
IC Transmission.....	15-11
Ichi Navi.....	11-33
Icon View.....	2-12
Indicators.....	1-9
Camera (Viewfinder).....	8-6, 8-17
Display.....	1-9
Messaging (message list).....	5-14
Music Playback Window.....	9-5
S! Quick News.....	12-2
Video Playback Window.....	9-6
Information window.....	1-7
Infrared.....	15-7
Receiving files.....	15-8

Sending files.....	15-9, 15-24
Infrared Port.....	1-2
Internal Antenna.....	1-2
International calls.....	4-3, 4-15
Internet.....	6-2
Accessing.....	6-3, 6-5
Basic Operations.....	6-6
Browser Settings.....	6-12
Enter URL.....	6-4, 6-5
History.....	6-4, 6-5
Saving Bookmarks/pages.....	6-8
Int'l Call.....	4-4
IP Service Setting.....	16-7
IrSS Transfer.....	15-7

K

Kanji Grabber.....	11-42
Keypad Lock.....	2-24

L

Language.....	16-3
Large Font Menu.....	3-2
Light Sensor.....	1-2, 16-3
Link to Feeling.....	5-36
Link to World Clk.....	11-46, 11-49
Locks.....	1-11, 13-2
Loudspeaker.....	4-15, 4-20, 12-16

M

Machi-Uta®.....	3-5
Mail Groups.....	5-20
Changing members.....	5-34
Deleting.....	5-34
Edit Name.....	5-34
Main Menu.....	2-4
Manner mode.....	2-21
Mass Storage.....	15-17
Master Reset.....	16-8
Format Card.....	14-6
Reset All.....	16-8



Reset Settings	16-8	Using sent messages	5-34
Media Player	9-3	Messages (deleting)	5-23, 5-32
Delete All WMA	9-10	Auto Delete Received Msg.	5-36
Playlists	9-7, 9-9, 9-10	Auto Delete Sent Msg.	5-37
Memory All Clear (S! Applications)	10-7	Messages (forwarding)	5-34, 5-35
Memory Card	14-5	Messages (protecting)	5-16
Format Card	14-6	Messages (receiving/checking)	5-13
Opening files	14-6	Accessing new mail out of Standby	5-28
Memory Card Structure & Contents	17-25	DL Size Limit	5-36
Menu List	17-26	Mail List	5-28
Camera	17-29	Message List	5-14, 5-31
Data Folder	17-31	Message Window	5-14, 5-29
Entertainment	17-28	Retrieving complete S! Mail messages manually	5-15
Messaging	17-26	Retrieving PC Mail	5-23, 5-39
Phone	17-31	Save to Data Folder	5-29
S! Appli	17-28	Messages (sorting)	5-18
Settings	17-32	Messaging (→ SMS, S! Mail, PC Mail)	5-2
Tools	17-30	Create/Send Settings	5-12
TV	17-31	PC Mail Settings	5-38
Videos/Music	17-29	Receive Settings	5-15
Widget	17-31	SMS Settings	5-40
Yahoo!	17-27	View Settings	5-35
Menu Operations	2-4	Microphone	1-2
Message List View	5-35	Minute Minder	4-17
Messages (creating/sending) ...	5-4, 5-11, 5-23	Missed Call Notification	4-13
Attachments	5-26	Mobile Light	1-2
Graphic Mail	5-7	Mobile Widget	10-3
Messaging Settings	5-25	Mode Settings	2-31
Preview Message	5-4	Motion Control	2-22
Recipient status	5-24	MTP Mode	9-4
Recipients (editing)	5-24	Multi Job	2-10
Save to Drafts	5-25	Music (deleting)	9-9, 9-10
Send Reservation	5-25	Music (downloading)	9-4
Sending from Drafts	5-34	Music (playing)	9-5, 9-8
Sending unsent messages	5-34	My Details	2-24
Set Auto Play File	5-27	Sending via Bluetooth®	15-26
Set Sent Cancel	5-25	Sending via IC Transmission	15-24
Signature	5-10	Sending via Infrared	15-24
Speed Dial/Mail	5-24		
Templates	5-9		

N

Navi Appli	11-31
Need/UnNeed Setting	1-12
Notepad	11-35
Change Category	11-51
Edit Text	11-51

O

Offline Mode	2-21
Optional Services	4-12
Optional Services (checking status)	4-18
Osaifu-Keitai® (Japanese)	11-19
Balance Info	11-48
IC Card Settings	11-20
Locking	11-20
Set to Default	11-48

P

Pager Code List	17-11
PC (connecting handset)	15-17
PC Mail	5-2, 5-21
PC Mail (sending)	5-23
PC Site Browser	6-5
Pedometer	11-28
Pen Light	2-24
Personal Mode	3-7, 3-21
Phone Book (deleting)	3-24
Phone Book (editing)	3-23
Phone Book (saving)	3-17
Phone Book (using)	3-19
Phone Book search	3-19
Phone Help	2-24
Picture Editor	8-22
PIN	17-2
PIN Entry	13-2
PIN Lock	17-2
Playlists	9-7, 9-9, 9-10
Pressure Vent	1-2
Printing	8-26



- Printing (Bluetooth®)8-26
 Public wireless LAN services 15-6
- Q**
- Quick Operations2-3
 Quick Silent2-22
- R**
- Rakutomo Link4-7
 Received Msg. View5-35
 Record Caller Voice4-16
 Recorder Contents9-6
 Recorder Link15-17
 Reference URLs17-24
 Reject (calls)4-14
 Relaxation Time11-12
 Remote Lock (Osaifu-Keitai®)11-21
 Call Remote Lock11-22
 Count for Lock11-48
 Mail Remote Lock11-21
 Notice Settings11-48
 Remote Monitor4-14
 Reply5-14, 5-23, 5-30
 Auto Reply5-31
 Opening received message for reference
 5-30
 Set Quick Reply5-30
 Reply Assist Dictionary3-11
 Reset (→ Master Reset)16-8
 Reset All16-8
 Reset Settings16-8
 Retrieve NW Info16-7
 Retrieving Network Information1-6
 Review8-21
 RSS Feeds6-9
- S**
- S! Addressbook Back-up15-20
 Auto Sync Settings15-26
 Confirming password15-26
- Sync Log15-26
 S! Applications10-2
 S! Circle Talk12-9, 12-16
 Accepting requests12-10
 Initiating12-10
 IP Service Setting16-7
 Registering Members12-9
 S! Contents Store12-4
 S! FeliCa (→ Osaifu-Keitai®)11-19
 S! Friend's Status12-6, 12-15
 IP Service Setting16-7
 Opening Member Status12-7
 S! GPS Navi11-31
 S! Information Channel (Japanese)
 12-3, 12-13
 Weather Indicator12-3
 S! Mail5-2
 Attaching Files5-5
 Create Msg. Size5-26, 5-37
 Feeling Mail5-6
 Graphic Mail5-7
 S! Mail (sending)5-4
 S! Quick News (Japanese)12-2
 Automatic Update12-13
 Deleting items12-13
 Safety Precautionsvi
 SARxxi
 Saved Pages6-8, 6-15
 Scan Barcode11-38
 Open Barcode11-52
 Scanning during text entry11-52
 Using scan results11-52
 Scan Card11-40
 Using scan results11-54
 Scan Text11-41
 Scanning and pasting during text entry11-54
 Using scan results11-55
 Scanning Receipts11-14
 Schedules (→ Calendar)11-2
 Scratch Pad3-16
- SD Local Contents14-9
 Search3-15
 Security Codes1-11
 Sent Msg. View5-35
 Set as Wallpaper14-8
 Set Date/Time16-2
 Set Key Light16-4
 Set Key Shortcut2-9
 Set Quick Reply5-30
 Set Sent Cancel5-25
 Set Time Zone11-26, 16-2
 Set to Default (S! Applications)10-7
 Shortcuts2-9
 Show My Number4-19
 Show Secret Data13-3
 Side Keys1-3
 Side Light2-14
 Signature5-10
 Simple Menu2-5
 Simulated Call11-23
 Slide W paper3-3
 Small Light1-2
 SMS5-2
 SMS Settings5-40
 SMS (sending)5-11
 Snooze11-8, 11-9
 Softkeys1-8
 Software Update17-5
 Sort Spam Mail5-18, 5-33
 Sounds & Alerts3-5, 16-4, 16-5
 Speaker1-2
 Specifications17-19
 Specifications (by function)17-20
 Basic Operations17-20
 Calling17-20
 Camera & Imaging17-21
 Connectivity & File Backup17-23
 Data Folder17-23
 Digital TV17-21
 Entertainment17-23



Handy Extras	17-22		
Internet	17-21		
Memory Card	17-23		
Messaging	17-20		
Network	17-23		
S! Applications & Widgets	17-22		
Universal Operations, Etc.	17-20		
Video & Music	17-22		
Speed Dial/Mail	4-6, 5-24		
Spinguru Menu	2-6		
Standby	1-6		
Standby Shortcuts	2-11		
Status Icon List	1-7		
Status Templates	14-2		
Still images (capturing)	8-5		
Easy Auto Camera	8-5		
ISO Sensitivity	8-28		
Long Exposure	8-28		
Picture Size	8-27		
Pro Auto Camera	8-5		
Quick Camera	8-3		
Shake Reducing	8-28		
Shutter Sound	8-28		
White Balance	8-28		
Still images (capturing & sending)	8-5, 8-9		
Still images (editing)	8-22		
Additional editing options	8-31		
Changing sizes	8-23		
Face Arrange	8-24		
Merge Panorama	8-25		
Stopwatch	11-24		
Strap Eyelet	1-2		
Streaming	6-4		
Sub Display	1-2, 2-13		
Swap Calls	4-18		
System Graphics	16-3		
System Sounds	16-6		
		T	
Table of Contents	iii		
			Tasks
			Deleting Tasks
			Editing tasks
			Opening Tasks
			Text (editing)
			Text Entry
			Correction Conversion
			Emoticons
			Hiragana
			Hiragana to Katakana/Alphanumeric
			Conversion
			Input/Conversion
			Inserting line breaks
			Inserting Phone Book entry items
			Inserting spaces
			Katakana
			Mail & Web Extensions
			One-Hiragana Conversion
			Personal Mode
			Pictograms & Symbols
			Quick Conversion
			Reset Log
			Search Word
			Single Kanji Conversion
			Switching Entry Modes
			Undo conversion or recover deleted
			characters
			Using Character Codes
			Using Pager Code
			When Target Word is Not Listed
			Text Entry Key Assignments
			Time Correction
			Time Shift
			Touch-Tone Signal List
			Troubleshooting
			TV (watching)
			AV Mode
			Channels (saving)
			Data Broadcast (Japanese)
			Help
			Program Info
			TV Listing (Japanese)
			Using wireless Headphones
			TV Player
			TV programs (recording/playing)
			Details
			Marker List
			Markers
			Memory Remaining
			Playback Pattern
			Playing split files
			Recorded programs (deleting)
			Recorded programs (renaming)
			Set Call Time Shift
			Split File
			TV Timers (watching/recording)
			Setting Timer via Program Info
			Timer entries (opening/editing/deleting) ...
			Timer log records (opening/playing/deleting)
			TV Alarm
			TV Reserve Prior
			Wakeup TV
			U
			USB Charge
			User Dictionary
			Deleting entries
			USIM Card
			USIM PIN (→ PIN)
			Utility Software
			V
			Vector Pad
			Vector Pad Settings
			VeilView
			Vibration
			Video (downloading)
			Video (displaying)
			Video (playing)

Video (recording)	8-16
Display Size	8-30
Microphone	8-30
Record Time/Size	8-30
Shake Reducing	8-30
Video Calling	4-5
Remote Monitor	4-14
Video Calls (answering)	4-5
Video Calls (placing)	4-5
Voice Calling	4-3
Voice Calls (answering)	4-3
Voice Calls (placing)	4-3
Voice Calls (placing while abroad)	4-4
Voice Recorder	11-37
Record Time	11-51
Save and Send.....	11-51
Save Recording to.....	11-51
Voicemail	4-12, 4-13
Volume (ringtones)	16-5

W

Wakeup TV	11-10
Wallpaper	3-3
Slide W paper	3-3
Warranty	17-42
Weather Indicator	12-3
Icon Update.....	12-14
Manual Update.....	12-3
Weather.....	12-14
Weather Indicator List	17-18
Widgets	10-3
Wi-Fi	15-2
World Clock	11-26
WPS	15-3

Y

Yahoo! Keitai	6-3
----------------------------	-----

Objectives

Accessing Secret Files/Entries

Data Folder	14-4
Messaging folders	5-17
Phone Book.....	3-18
Schedules/tasks	11-4
Accessing the Internet	
Direct Browser.....	6-5
From message text.....	5-29
From scan results.....	11-52, 11-55
Media Player	9-4
PC Site Browser.....	6-5
RSS Feeds.....	6-9
Yahoo! Keitai	6-3
Browsing/Viewing	
Album	8-18
Blog Tool	12-12
Digital Media Viewer	12-5
Direct Browser.....	6-5
Document Viewer.....	11-34
e-Books.....	12-5
PC Site Browser.....	6-5
S! Information Channel	12-3
S! Quick News.....	12-2
Yahoo! Keitai	6-3
Calculating	
Calculator	11-17
Expenses Memo	11-18
Household Accounts	11-13
Canceling/Removing	
Alarm.....	11-9
Answer Phone	4-4
Call Barring restrictions	4-19
Call Forwarding	4-13
Customized Screen	3-20
Download Dictionary	3-11
Function Lock	13-2
Hour Minder	11-27
IC Card Lock	11-20
Keypad Lock	2-24
Large Font Menu	3-2
Manner mode.....	2-21

Offline Mode.....	2-21
PIN Lock.....	17-2
S! Information Channel	12-3
Secret folders	5-33, 14-4
Simple Menu	2-5
Speed Dial entries.....	4-6
VeilView.....	2-24
Voicemail.....	4-13
Wakeup TV.....	11-11

Changing

Font Size	3-2
Font Weight	3-2
Handset mail address	5-3
Key Shortcut.....	2-9
PIN	13-5

Changing Ringtones

Phone Book.....	3-18
Ringtone/videos	3-5
Via Data Folder	14-8

Composing/Sending Messages

Feeling Mail.....	5-6
From Call Log records.....	4-16
From Internet pages	6-11
From message text.....	5-29
From Phone Book	3-23
From received messages	5-14
From scan results.....	11-52, 11-55
From Scratch Pad.....	3-16
From sent messages.....	5-34
Graphic Mail.....	5-7, 5-27
Inserting ASCII Art	11-36
PC Mail.....	5-23
S! Mail.....	5-4
SMS	5-11

Copying

Calculation results.....	11-47
Data Folder files	14-4
From text entry window	3-10
Scan results	11-53, 11-54, 11-55
Text (e-Books).....	12-14



- Text (Internet pages)..... 6-11
- Text (Messaging) 5-30
- Text (S! Information Channel pages) 12-14
- Downloading**
- Content..... 12-4
- Customized Screen 3-4
- e-Books 12-5
- Free content 12-4
- Music 9-4
- S! Applications..... 10-6
- Video 9-4
- Widgets 10-4
- Exchanging Files**
- Bluetooth® 15-13
- Exchange Profile 15-10
- IC Transmission 15-11
- Infrared 15-7
- Mass Storage 15-17
- MTP Mode..... 9-4
- Hiding Files/Entries**
- Data Folder..... 14-4
- Messaging folders 5-17
- Phone Book 3-18
- Schedules/tasks 11-43, 11-45
- Inserting/Removing**
- Battery 17-4
- Memory Card..... 14-5
- USIM Card..... 17-3
- Locking/Restricting**
- Application Lock 13-3
- Call Log 13-3
- Direct Browser..... 6-13
- Function Control 13-4
- Function Lock 13-2
- Incoming/outgoing calls 4-19
- Keypad Lock 2-24
- Mail records..... 13-3
- Osaifu-Keitai® 11-20
- PIN Entry 13-2
- Secure Remote Lock 13-2
- Managing Schedules**
- Calendar..... 11-2
- Tasks 11-6
- Measuring Time**
- Countdown Timer 11-25
- Stopwatch..... 11-24
- Notifying Phone Number**
- Opening My Details 2-24
- Via Exchange Profile 15-10
- Via IC Transmission 15-24
- Via Infrared 15-24
- Placing Calls**
- By entering phone numbers 4-3
- From Call Log records 4-16
- From Internet pages 6-11
- From message text..... 5-29
- From Phone Book 3-19
- From scan results 11-52, 11-55
- International calls 4-3
- Speed Dial..... 4-6
- Video Calls 4-5
- While abroad 4-4
- Playing**
- Answer Phone messages/caller voice 4-4
- Files (Scan Barcode) 11-53
- Music 9-5
- Recorded TV programs 7-8
- Recorded TV programs from Timer log .. 7-16
- Split files (TV) 7-15
- Streams 6-14
- Video 9-6
- Video (transferred from Blu-ray Disc recorders) 9-6
- Voice files 11-37
- Voicemail messages..... 4-13
- Rejecting**
- Calls from public phones 4-11
- Calls from specified numbers 4-11
- Calls from unsaved numbers 4-11
- Undisplayable Caller ID 4-11
- Withheld Caller ID..... 4-11
- Resetting/Formatting**
- All settings 16-8
- Handset 16-8
- Memory Card..... 14-6
- Saving**
- Attachments within Graphic Mail 5-30
- Backup..... 15-19
- Captured still images 8-5, 8-8, 8-9, 8-10
- Draft messages 5-25
- Edited still images..... 8-22
- Files (Internet) 6-11
- Files (S! Information Channel pages) ... 12-14
- Graphic Mail templates 5-7
- Mail attachments 5-29
- My Pictograms 5-30
- Notepad entries 11-35
- Phone Book entries 3-17
- Recorded video 8-16
- TV channels..... 7-11
- Saving Phone Book Entries**
- Add New Entry..... 3-17
- Data Folder files..... 14-8
- During a call..... 4-16
- From Call Log records 4-16
- From message window 5-29
- From scan results 11-52, 11-54
- Scanning**
- Business cards 11-40
- Kanji..... 11-42
- QR Codes..... 11-38
- Receipts..... 11-14
- Text 11-41
- Searching**
- Access points 15-4
- Bluetooth® devices..... 15-14
- Messages 3-15, 5-17
- Music to download..... 9-4
- Music to play..... 9-5
- Notepad entries 11-51



- Phone Book3-19
- Text (Internet pages)6-11
- TV program information7-11
- Video to download9-4
- Video to play9-6
- Web Search3-15
- Sending via Mail**
- Data Folder files 5-5, 14-3
- Notepad entries.....11-51
- QR Codes11-39
- Scan results 11-53, 11-54, 11-55
- Still images..... 8-5, 8-9
- URLs 6-11, 6-14
- Voice files11-51
- Setting Wallpaper**
- From attached files.....5-29
- From scan results.....11-53
- From Sound/Display menu.....3-3
- Via Data Folder14-8
- Via mobile camera8-9
- Showing in Standby**
- Clock/Calendar.....16-4
- Mobile Widgets10-3
- S! Applications10-6
- Standby Shortcuts.....2-11
- Wallpaper3-3
- World Clock.....11-26
- Using as Alarm Clock**
- Alarms.....11-8
- Hour Minder11-27
- Wakeup TV11-10
- Using Away from Home**
- Alarms.....11-8
- Camera8-2
- Compass11-30
- Digital TV7-2
- Hour Minder11-27
- Osaifu-Keitai®11-19
- Pedometer.....11-28
- Pen Light2-24
- Public wireless LAN services15-6
- Scratch Pad.....3-16
- Search.....3-15
- S! GPS Navi11-31
- Voice Recorder.....11-37



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.17-7** "Troubleshooting" before contacting SoftBank Mobile for service or repairs.

If you cannot find solutions or solve problems, contact SoftBank Mobile Customer Center, Customer Assistance (**P.17-43**) 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.17-43**).

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

- SoftBank Mobile is not liable for any damages resulting from use of this product.
- SoftBank Mobile 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
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

