

Appendix



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Multitask Combinations

The following table shows combinations of functions that can be used simultaneously to multitask.

● The following indications may not apply depending on the function status and combination.

Function Currently Active Function	Mail	Yahoo! Keitai	S! Appli	Settings/Optional Services	Data Folder	Tools	Phone Book	Own Data	Camera	TV	Music	Original Menu	Group	
Mail		×	○	○	○	○	○	○	○	○	○	○	○	Mail Group
Yahoo! Keitai		○	×	○	○	○	○	○	○	○	○	○	○	Yahoo! Keitai Group
S! Appli		○	○	×	○	○	○	○	○	○	○	○	○	S! Appli Group
Settings/Optional Services		○	○	○	×	○	○	○	○	○	○	○	○	Settings Group
Data Folder		○	○	○	○	×	×	×	×	×	○	○	○	Data Folder
Tools		○	○	○	○	×	×	×	×	×	○	○	○	Tools Group
Phone Book		○	○	○	○	×	×	×	×	×	○	○	○	
Own Data		○	○	○	○	×	×	×	×	×	○	○	○	
Camera		○	○	○	○	×	×	×	×	×	○	○	○	



Multitask Combinations

Function Currently Active Function	Mail	Yahoo! Keitai	S! Appli	Settings/ Optional Services	Data Folder	Tools	Phone Book	Own Data	Camera	TV	Music	Original Menu	Group	
TV	○	○	○	○	○	○	○	○	○	○	×	×	○	TV & Music Group
Music	○	○	○	○	○	○	○	○	○	○	×	×	○	
During a Voice Call	○	○	×	×	×	○	○	○	×	×	×	○	Voice Call	
During a Video Call	×	×	×	×	×	×	×	×	×	×	×	×	Video Call	
During Packet Transmission with a PC Connected	○	○	○	○	○	○	○	○	○	×	×	○	External Connection	

○ : Can be activated.
 × : Cannot be activated.



Software Update

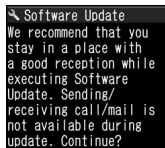
Check if software on handset needs to be updated, and update it through the network if necessary.

- Before updating software, turn off handset and restart it to make sure that all handset functions have ended.
- Disconnect the USB cable from handset. The software update, if it is done with the USB cable connected, may not be properly completed.
- No transmission fees apply to check or update software.
- Updating software may take 30 minutes or so. Wait for the software update to finish before using handset.
- Make sure battery is sufficiently charged before updating software.
- Update software in a location of good signal reception. Do not change locations while updating software.
- Other handset functions are available once the software update is completed.
- Data saved on handset is retained when you update software. However, data may be lost depending on the handset condition (e.g. a malfunction). We recommend that you make backups of important data (though it may be impossible to back up some downloaded data) before updating software. SoftBank is not liable for any data loss.

- Never remove battery or USIM Card or turn off handset while updating software.
- If software update fails, handset may become inoperable. If this happens, contact SoftBank Mobile Customer Center, Customer Assistance (P. 15-53).

Updating Software

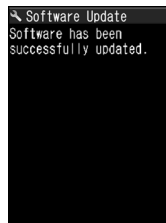
- 1 ⇒ **Settings** ⇒ ⇒ **Other Settings** ⇒ ⇒ **Software Update** ⇒
- 2 **Software Update** ⇒



- 3 Follow onscreen instructions

After Software is Updated

After update, handset restarts and update status appears.



Update Status

Note

- If handset does not restart after updating, remove and reinsert Battery, and turn handset on again. If handset still does not restart, call Softbank Mobile Customer Center (P. 15-53).




Software Update

Checking Update Results

- 1  ⇒ **Settings** ⇒  ⇒ **Other Settings** ⇒  ⇒ **Software Update** ⇒ 
- 2 **Update Result** ⇒ 

Using Regular Updates

A confirmation for software update appears at the scheduled time. Press  or leave handset for a while to start automatic software update.

- If other functions are being used at the scheduled time, software update cannot start. End all functions to open the software update confirmation window (if you keep using other functions for more than ten minutes after a scheduled time, software update is canceled).



Troubleshooting


Problem	Possible Cause & Remedy	Refer to
Cannot turn on handset.	Is battery properly installed?	P. 1-14
	Is battery exhausted?	P. 1-22
It takes a long time to turn on handset.	It takes time if there are large amounts of data (e.g., Phone Book entries) saved on handset.	-
Cannot charge battery. Charging Indicator does not light up.	Is battery properly installed?	P. 1-14
	Is AC Charger plugged into an outlet properly?	P. 1-16
	Is the connector of AC Charger correctly inserted into handset?	
Battery drains too fast.	Has the battery reached the end of its service life? The battery life may shorten depending on the usage environment.	P. 1-14
	The battery operation time fluctuates according to how you use handset.	
Cannot make calls.	Is handset out of service area or in a location with a weak signal?	-
	Is a maximum call cost limit set?	P. 14-14

Problem	Possible Cause & Remedy	Refer to
Cannot make calls using Keypad.	Is Keypad Lock active?	P. 4-4
	Is <i>Dial/Sending Mail</i> specified to be locked in Original (Dial) Lock mode?	P. 4-3
	Is <i>Restrict Dialing</i> set?	P. 2-23
A message is heard saying that the number you have reached is not in service.	Did you include the area code when dialing a phone number?	-
Only a busy tone is heard after dialing a phone number.	Does <i>Network is busy at this moment Please try again later</i> appear in Display?	-
Cannot receive calls. The incoming ringtone does not sound.	Is handset in <i>Emission OFF Mode</i> ?	P. 4-6
	Is handset in Manner Mode?	P. 1-20
	Is <i>Ring Volume</i> set to <i>Silent</i> ?	P. 14-8
The other party's voice is difficult to hear during calls.	Is the earpiece properly placed against your ear?	-
	Is anything obstructing the speaker if it is in handsfree mode?	-
	Is the earpiece volume properly adjusted?	P. 3-3, P. 3-8



Troubleshooting


Problem	Possible Cause & Remedy	Refer to
The other party's voice is too loud during calls.	Is the earpiece volume properly adjusted?	P. 3-3, P. 3-8
Handset is slow to react when keys are pressed.	This may occur when there are large amounts of data saved on handset, or when large amounts of data are being transferred between handset and memory card.	-
Cannot hear key operation tones.	Is Keypad Sound set to OFF ?	P. 14-10
	Is handset in Manner Mode?	P. 1-20
Side Key is inoperable when handset is closed.	Is Keypad Lock active?	P. 4-4
	Is Side Key Guard set to ON ?	P. 1-23
Nothing appears in Display.	Is Power Saver Mode activated?	P. 14-5
	If handset is left in a very hot place, it may automatically shut down. If this happens, move handset to a location at an appropriate temperature (5 to 35 °C) and wait for a while until the keys become operable again.	-
Display is hard to see.	Is Brightness under Backlight set to lower level?	P. 14-5
	Is ECO Mode activated?	P. 1-23
	Is Privacy Angle set to ON ?	P. 14-5

Problem	Possible Cause & Remedy	Refer to
Display backlight does not light.	Is Lighting under Backlight set to OFF ?	P. 14-5
Nothing appears in External Display.	Is Indicator Display set to OFF ?	P. 14-7
A message appears instead of an image, video or song.	The image, video or song is unavailable with the function being used when any of the following messages appear. Not available , Expired file and No preview data	-
 appears instead of an image or preview.	The image file may be corrupted.	-
Images shot with handset camera flicker.	When shooting images indoors, flicker may occur due to fluorescent lighting, etc. Changing the Flicker setting may help reduce flicker.	P. 7-14
Still images or videos shot with handset camera are too bright.	Were the still images or videos shot with Flicker not set to Auto ? Set Flicker to Auto .	P. 7-14
Still images or videos shot with handset camera are blurred.	Select a Photo Mode suited to the subject or scene.	P. 7-6, P. 7-8



Troubleshooting

Problem	Possible Cause & Remedy	Refer to
Cannot watch TV.	Is handset out of the digital terrestrial broadcast service area or in a location with a weak signal?	-
	Are the channel settings done?	P. 8-3
<i>Insert USIM</i> appears.	USIM Card is not properly inserted or may be damaged.	P. 1-13
<i>Insert microSD</i> appears.	Memory card is not properly inserted or may be damaged.	P. 12-12
<i>Replace with a new one or check the disk</i> appears.	Perform a scan disk on memory card.	P. 12-19
<i>Network is busy at this moment Please try again later</i> appears.	This may be due to errors or heavy traffic on the voice call lines or packet transmission network. Try again after a while. Emergency calls to 110, 119 and 118 are still possible.	-
<i>Function cannot operate any more</i> appears.	End one of the currently active functions to continue operation.	-

Problem	Possible Cause & Remedy	Refer to
<i>Other function active Cannot start</i> appears.	These messages appear when you try to use an unavailable function when another function is active.	-
<i>Other function active Cannot operate</i> appears.		
<i>Memory shortage</i> appears.	This message appears when operation is interrupted due to insufficient memory. Reboot handset.	-
<i>Connection failed</i> appears.	Network connection is interrupted due to weak signal.	-
	The page you are trying to access is very busy. Try again after a while.	-
 (microSD card indicator marked with ?) appears.	The indicator appears when a defective memory card is inserted.	P. 12-19
Osaifu-Keitai® cannot be used.	Was handset left uncharged for a long period after the battery ran out?	P. 1-22
	Has IC Card Lock or Call Remote Lock been set?	P. 11-4



Text Entry Key Assignments

In 5-touch Mode

Key	Kanji/hiragana Entry Mode	Katakana Entry Mode	Alphanumeric Entry Mode	Number Entry Mode
1	あいうえおあいうえお	アイウエオアイウエオ ¹	. / @ - : ~ ¹ _ 1	1
2	かきくけこ	カキクケコ ²	abcABC ²	2
3	さしすせそ	サシスセソ ³	defDEF ³	3
4	たちつてとっ	タチツテトッ ⁴	ghiGHI ⁴	4
5	なにぬねの	ナニヌネノ ⁵	jklJKL ⁵	5
6	はひふへほ	ハヒフヘホ ⁶	mnoMNO ⁶	6
7	まみむめも	マミムメモ ⁷	pqrPQRS ⁷	7
8	やゆよやゆよ	ヤユヨヤユヨ ⁸	tuvTUV ⁸	8
9	らりるれろ	ラリルレロ ⁹	wxyzWXYZ ⁹	9
0	わをんーわ	ワヲンーワ ²⁰	0	0 + ³
*	。 。 4 5 6	。 。 4 5 6	4 5	*
#	、 。 ? ! ・ Space ⁷	、 。 ? ! ・ Space ⁸	、 . ? ! ' - & () ¥ Space	#

- 1 Appears as “~” during double-byte entry.
- 2 The lower case of “ワ” can be entered in double-byte mode.
- 3 Press and hold [✳] to enter “+.”
- 4 Can be toggled between upper case and lower case.
- 5 [✳] to insert line feed “↓.”
- 6 Before confirming characters, press [C] to display “_” and press again in this state to enter “” “ ” or “.”
- 7 Cannot be entered when entering readings in Own Dictionary.
- 8 “、” “。” “?” “!” “ ” and “・” cannot be entered when entering readings in USIM Phone Book.



Text Entry Key Assignments

In 2-touch Mode

In Double-byte Mode

Key	Press Next										
	1	2	3	4	5	6	7	8	9	0	
Press First	1	あ	い	う	え	お	A	B	C	D	E
		あ	い	う	え	お	a	b	c	d	e
	2	か	き	く	け	こ	F	G	H	I	J
							f	g	h	i	j
	3	さ	し	す	せ	そ	K	L	M	N	O
							k	l	m	n	o
	4	た	ち	つ	て	と	P	Q	R	S	T
				っ			p	q	r	s	t
	5	な	に	ぬ	ね	の	U	V	W	X	Y
							u	v	w	x	y
6	は	ひ	ふ	へ	ほ	Z	?	!	—	/	
						z					
7	ま	み	む	め	も	¥	&		☎ ¹		
8	や	(ゆ)	よ	*	#		♡ ¹	2	
	や		ゆ		よ						
9	ら	り	る	れ	ろ	1	2	3	4	5	
0	わ	を	ん ³	、 ³	。	6	7	8	9	0	
	わ										

In Single-byte Mode

Key	Press Next										
	1	2	3	4	5	6	7	8	9	0	
Press First	1	ア	イ	ウ	エ	オ	A	B	C	D	E
		ア	イ	ウ	エ	オ	a	b	c	d	e
	2	カ	キ	ク	ケ	コ	F	G	H	I	J
							f	g	h	i	j
	3	サ	シ	ス	セ	ソ	K	L	M	N	O
							k	l	m	n	o
	4	タ	チ	ツ	テ	ト	P	Q	R	S	T
				ッ			p	q	r	s	t
	5	ナ	ニ	ヌ	ネ	ノ	U	V	W	X	Y
							u	v	w	x	y
6	ハ	ヒ	フ	ヘ	ホ	Z	?	!	-	/	
						z					
7	マ	ミ	ム	メ	モ	\	&		☎ ¹		
8	ヤ	(ユ)	ヨ	*	#		♡ ¹	2	
	ヤ		ユ		ヨ						
9	ラ	リ	ル	レ	ロ	1	2	3	4	5	
	@	/	-	_	.	.ne.jp	.co.jp	ac.jp	@softbank.ne.jp		
0	ワ	ヲ	ン	、	。	6	7	8	9	0	
	-	,	.	.	.	www	.com	.html	http://	https://	

- Katakana are entered in double-byte mode when entering readings in Phone Book.

- Press **[*]** after entering a character to switch upper and lower case.

- 1 Can be entered when entering pictographs is possible, such as in Text Memo and Common Phrases.
 - 2 Press **[B]** **[O]** to toggle between upper-case and lower-case modes.
 - 3 After characters that cannot have “ ” or “ , ” a separate “ ” or “ ” is entered. Before confirming characters, press **[C]** to display “_” and press again in this state to enter “ ” or “ . ”
- ☎: A space is entered for these key combinations.



Text Entry Key Assignments

In T9 Input Mode

Key	Kanji/hiragana Entry Mode	Katakana Entry Mode	Alphanumeric Entry Mode
[1]	Row あ, 1	Row ア, 1	. / @ ? ! () , - _ : ' ~ ^ & ¥ 1 Single-byte space
[2]	Row か, 2	Row カ, 2	abcABC2
[3]	Row さ, 3	Row サ, 3	defDEF3
[4]	Row た, 4	Row タ, 4	ghiGHI4
[5]	Row な, 5	Row ナ, 5	jkIJKL5
[6]	Row は, 6	Row ハ, 6	mnoMNO6
[7]	Row ま, 7	Row マ, 7	pqrPQRS7
[8]	Row や, 8	Row ヤ, 8	tuvTUV8
[9]	Row ら, 9	Row ラ, 9	wxyzWXYZ9
[0]	わをん わー, 0	ワヨン ワ ⁴ ー, 0	0
[*]	1 2	1 2	2 6
[#]	3	3	

- For key assignments in number entry mode, see the table in "In 5-touch Mode."
 - Numbers do not appear when entering readings in Own Dictionary.
 - Press [✳] to toggle the case as follows: Caps-lock cancel mode → Shift mode → Caps Lock mode
 - Caps Lock mode: All characters are entered in upper case.
Shift mode: The first characters of words are capitalized and the rest of characters are entered in lower case.
Caps-lock cancel mode: All characters are entered in lower case.
 - Once characters entered in Shift mode have been determined, the mode is switched to Caps-lock cancel mode.
- 1 When editing a reading, pressing [✳] adds/cancels " " or " " ."
 - 2 [✳] to insert line feed " ↓ ."
 - 3 " , " " , " " ? , " " ! , " " . " and "(space)" appear right after a reading or character is determined.
 - 4 The lower case of "ワ" can only be entered in double-byte mode.
 - 5 "ー" is entered in double-byte mode.
 - 6 Pressing before confirming characters enters a space before confirming.



Kuten Code List

1st-3rd digits	Fourth digit of Kuten codes									1st-3rd digits	Fourth digit of Kuten codes									1st-3rd digits	Fourth digit of Kuten codes																	
	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						
448	厄	役	約	業	識	躍	蜻	柳	數	476										517												恚						
449	矢	鐘								477										518												恚						
				愉	愈	輸	遊	癒	佑	478										519																		
449				愈	愈	愈	愈	愈	愈	479										520																		
450										480										521																		
451										481										522																		
452										482										523																		
										483										524																		
										484										525																		
452										485										526																		
453										486										527																		
454										487										528																		
455										488										529																		
456										489										530																		
456										490										531																		
457										491										532																		
458										492										533																		
										493										534																		
458										494										535																		
459										495										536																		
460										496										537																		
461										497										538																		
462										498										539																		
463										499										540																		
464										500										541																		
465										501										542																		
466										502										543																		
467										503										544																		
468										504										545																		
469										505										546																		
470										506										547																		
										507										548																		
										508										549																		
470										509										550																		
471										510										551																		
472										511										552																		
473										512										553																		
										513										554																		
474										514										555																		
475										515										556																		
										516										557																		



Weather Indicators

Normally Displayed	
	Clear (Day)
	Clear (Night)
	Cloudy
	Rain
	Snow
	Thunder and Lighting
	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% Chance of Rain
	Later
	Partial

Pollen	
	Low
	Somewhat High
	High
	Extremely High

Sakura Blossoms	
	Budding
	Near Full Blossom
	Full Blossom
	Falling

Autumn Leaves	
	Unchanged
	Changing
	Perfect for Viewing
	Falling

UV Rays	
	Weak
	Somewhat Strong
	Strong
	Extremely Strong

Typhoon	
	Forming
	Approaching
	Emergency Status

Disaster	
	Heavy Rain
	Strong Winds

Topic	
	Notification



Menu List

- Enter menu item numbers for direct menu access. Note that Main Menu theme must be set to **Basic**.
- See “Check Default Style Mode Settings” (P. 14-3) for menu items whose default settings differ according to the model color.

Mail

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Inbox	—	—	—	P. 5-6
Outbox	—	—	—	P. 5-9
Draft	—	—	—	P. 5-21
Tomomato-Mail BOX	—	—	—	P. 5-11
Compose Message	—	—	—	P. 5-3
Compose SMS	—	—	—	P. 5-5
Server Mail	Mail List	—	—	P. 5-7, P. 5-18
	Server Mail Memory	—	—	P. 5-18
Retrieve New	—	—	—	P. 5-18
Templates	—	—	—	P. 5-17
Mail Setting	Custom Mail Address	—	—	P. 14-16
	Scroll	—	1 Line	P. 14-17
	Font Size	—	Standard	
	Mail List Disp.	—	1 Line+Body	
	Start Attachment (auto)	—	OFF	
	Header/Signature	—	Edit Header, Edit Signature: Not Stored, Edit Quotation Marks:-----, Insert Setting: Selected	P. 14-16, P. 14-17
	Mail Box Lock	—	Inbox, Outbox, Draft, Server Mail: Unlocked	P. 5-12
	Receiving Setting	—	Operation Preferred	P. 14-17
Read Out Setting	—	Select Voice: Female 1, Read Out Received Mail: ON		



Menu List

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Mail Setting	Emotion/Keyword	—	Disp. Emotion: ON, Disp. Keyword: OFF	P. 14-16
	S! Mail Settings	—	Message Download: Auto(All), Delivery Report: OFF	
	SMS Settings	—	SMS Report Request: OFF, SMS Validity Period: 3 Days, SMS Input Character: Japanese(70char.)	
	Check Settings	—	—	P. 14-17
	Reset	—	—	

Yahoo! Keitai

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Yahoo! Keitai	—	—	—	P. 6-3
Bookmark	—	—	—	P. 6-10
Saved Pages	—	—	—	
History	—	—	—	P. 6-3
Enter URL	—	—	—	
PC Site Browser	—	—	See "PC Site Browser under Yahoo! Keitai" (P. 15-31).	P. 6-5
Browser Settings	Font Size	—	Standard	P. 14-19
	Scroll	—	Single Line	
	Downloads	—	Display Images: ON, Play Sounds: ON	
	Flash Sound Effect	—	ON	
	Memory Manager	—	—	
	Security	—	Manufacture Number: ON, Send Referer: ON, Cookie Settings: Enabled, Script Settings: Ask NW Access	
	Check Settings	—	—	
	Initialized Browser	—	—	
	Reset	—	—	



Menu List

S! Appli

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
S! Appli List	–	–	–	P. 9-8
Settings	Sound/Vib Settings	–	Volume: Level 4, Vibration: ON	P. 14-24
	Backlight Settings	–	Switch ON/OFF: Link To Phone Set., Blink: ON	
	Reset	–	–	
Information	–	–	–	P. 9-8

TV

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Watch TV	–	–	–	P. 8-6
Program Guide	–	–	–	P. 8-8
Booking Program List	–	–	–	P. 8-11
Timer Recording List	–	–	–	
Result Timer Rec	–	–	–	P. 8-16
TV Link	–	–	–	P. 8-14
Channel List	–	–	–	P. 8-13
Channel Settings	–	–	–	P. 8-3
User Settings	Subtitles	–	ON (Wide:Bottom)	P. 14-21
	Rec. While Low Battery	–	ON	P. 14-22
	TV Effect	–	Sound Effect: Auto, Visual Image Effect: Dynamic	P. 14-21
	TV Sound While Closed	–	ON	
	TV Power Saving	–	OFF (not set)	
	Display Light	–	Constant Light	
	Data BC Settings	–	Set Image Disp.: ON, Sound Effect: ON	P. 14-22



Menu List

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
User Settings	Icon Always Show	—	ON	P. 14-21
	Time Shift Setup	—	Auto ON	P. 14-22
	Check TV Settings	—	—	
	Reset Channel Setting	—	—	
	Reset Storage Area	—	—	
	Reset TV Settings	—	—	

Camera

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Photo Mode	—	—	—	P. 7-6
Movie Mode	—	—	—	P. 7-8
Voice Mode	—	—	—	P. 7-12
Quick Album	—	—	—	P. 12-5
Videos	—	—	—	P. 7-8

Entertainment

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Mobile Widget	Widget Contents	—	—	P. 10-2
	Settings	—	See "Settings for Mobile Widget under Entertainment" (P. 15-32)	—
	Information	—	—	P. 10-2
S! Quick News	S! Quick News List	—	—	P. 10-4
	Settings	—	See "Settings for S! Quick News under Entertainment" (P. 15-32)	—
S! Info Ch./Weather	What's New	—	—	P. 10-5
	History	—	—	



Menu List

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
S! Info Ch./Weather	Register/Cancel	—	—	P. 10-5
	Get Latest Contents	—	—	P. 10-8
	Settings	—	S! Information Notif.: ON, Font Size: Standard	P. 14-26
	Weather Indicator	—	See “Weather Indicator for S! Info Ch./Weather under Entertainment” (P. 15-32)	—
BookSurfing	—	—	—	P. 10-7

Tools

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Alarm	—	44	—	P. 11-17
Schedule	—	45	—	P. 11-9
Calculator	—	85	—	P. 11-16
Dictionary	Enter Word	—	—	P. 2-28
	Text Reader	—	—	—
	Reference History	—	—	P. 2-28
Text Memo	—	42	—	P. 11-14
To Do List	—	95	—	P. 11-12
Pedometer	—	—	—	P. 11-19
Life History Viewer	—	—	—	P. 11-7
S! GPS Navi	Navi Appli	—	—	P. 11-5
	Current Location	—	—	
	Position Location	—	—	
	Location Logs	—	—	P. 11-26
	NAVI Settings	—	See “NAVI Settings for S! GPS Navi under Tools” (P. 15-33)	—



Menu List

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Osaifu-Keitai	Lifestyle-Appli	—	—	P. 11-2
	IC Card Lock Set.	—	IC Card Lock: OFF, IC Lock(Power-off): Maintain	P. 11-3
	Call Remote Lock	—	OFF	P. 11-4
	IC Card Illumination	—	ON	P. 14-28
	Interface Settings	—	Browser: ON	P. 14-29
SI Addressbook Back-up	Start Sync	—	—	P. 2-25
	Auto Sync Settings	—	ON/OFF: OFF	P. 14-12
	Sync Log	—	—	P. 2-26
Account Details	—	0	—	P. 1-22
Bar Code Reader	—	—	—	P. 11-21
Text Reader	—	—	—	P. 11-23
Receive Ir Data	—	79	—	P. 13-3
Bluetooth	Device List	—	—	P. 13-6
	Register New Devices	—	—	
	Bluetooth ON/Bluetooth OFF	—	Bluetooth OFF	P. 13-8
	Accept Registered	—	—	P. 14-29
	Bluetooth Settings	—	Time-out to Search: 05 Seconds, Forward Ring Tone: ON, Dial From Other Device: Valid	
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Play/Erase VC Msg.	—	—	—	P. 3-5
Voice Memo	—	43	—	P. 11-15
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Forwarding Image	—	—	ON	P. 14-12
microSD Manager	—	—	—	P. 12-13



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2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
USIM Operation	–	–	–	P. 2-24, P. 5-20

Data Folder

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
My Picture	–	46	–	P. 12-2
Melody	–	16	–	
S! Appli	–	–	–	
Widget	–	–	–	
Ring Songs-Music	–	–	–	
Videos	–	–	–	
Books	–	–	–	
Key Illumination	–	–	–	
TV	–	–	–	
PDF	–	–	–	
Other Documents	–	–	–	

Music

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
–	–	–	–	P. 9-5

Own Data

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Received Calls	–	24	–	P. 3-10



Menu List

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Dialed Calls	—	—	—	P. 3-10
Blog/Mail Member	—	97	—	P. 5-4
Tomo-Den	—	—	—	P. 3-12
Common Phrases	—	38	—	P. 2-15
Own Dictionary	—	82	—	
DL Dictionary	—	—	—	

Phone Book

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
—	—	—	—	P. 2-19

Settings

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Style Mode Setting	—	—	—	P. 14-3
Incoming Call	Ring Volume	50	Phone, Video Call, Mail: Level 4	P. 14-8
	Select Ring Tone	13	Phone (Select Ring Tone: Pattern 1, Select Calling Disp.: Flying Type), Video Call (Select Ring Tone: Pattern 3, Select Calling Disp.: Flying Type), Mail (Select Ring Tone: You've got mail 1, Select Receiving Disp.: Flying Type)	
	Vibrator	54	Phone, Video Call, Mail: OFF	
	Illumination	89	Set Color: Differs according to the model color., Set Pattern: Pattern 1, Missed Info: ON	
	Manner Mode Setting	20	Manner Mode Set: Manner Mode, Manner Start Time: OFF	P. 14-9
Disp. Phone Book Image	—	ON		
Answer Setting	58	Any Key Answer		



Menu List

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Incoming Call	Mail Ring Time	68	Mail: ON (Ring Time: 05 Seconds)	P. 14-8
	Ring Time(sec.)	90	Set Mute Seconds: OFF, Missed Calls Display: Display	P. 4-6
	Info Notice Setting	65	ON	P. 14-10
	Answering Machine	55	OFF	P. 3-4
	Disp. Call/Receive No.	—	Differs according to the model color.	P. 14-10
Talk	Hyper Clear Voice	—	Low	P. 14-13
	Auto Voice Memo	—	OFF	
	Noise Reduction	76	ON	
	Quality Alarm	75	No Tone	
	Reconnect Signal	77	No Tone	
	Illumination in talk	—	OFF	
	Set Hold Tone	—	On Hold Tone: Tone 1	
	Setting when folded	18	End the Call	
Dialing	Pause Dial	84	—	P. 14-12
	Sub-address Setting	—	OFF	
	Prefix Setting	—	国際発信 (Prefix: 0046010), 184(Prefix: 184), 186(Prefix: 186)	P. 14-11
	Headset SW to Dial	—	OFF	
	Int'l Dial Assistance	—	Auto Int'l Call Set.: ON, Country Code Setting: 日本 (Country Code: 81), IDD Prefix Setting: 国際発信 (IDD Prefix Code: 0046010)	
Video Call	Visual Preference	—	Normal	P. 3-17
	Select Image	—	On Hold, Holding, Substitute Image, Answering Machine, Preparing, Voice Memo: Pre-installed	P. 14-14
	Auto Redial as Voice	—	OFF	
	Display Setting	—	Main Display: Other Side, Front Camera Reverse: ON	
	Hands-free Switch	—	ON	



Menu List

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Display	Display Setting	56	Differs according to the model color.	P. 14-3
	Backlight	70	Lighting: 15Sec.+Saver (Light Time: 01 Minutes), Charging: Standard, Brightness: ON+Level 4	P. 14-5
	Display Design	86	Differs according to the model color.	P. 14-4
	Indicator Display	93	ON (See "Indicator Display for Display under Settings" (P. 15-33))	—
	Font	66	Font Type: Gothic, Thickness: Bold, Character Size: Standard	P. 14-4
	Desktop Icon	63	Theme 1 (S-1バトル, コンテンツ得バック, 選べるかんたん動画, S! Quick News List, TV, Photo Mode, Quick Search)	P. 14-6
	3D Display Setting	—	ON	
	言語選択 (Language)	15	日本語	P. 14-5
	Original Menu	52	Account Details, Receive Ir Data, Bluetooth, Calculator, Alarm, Bar Code Reader, Dictionary, My Picture, Books	P. 14-7
	Menu Display Set	57	Menu Display: List, Theme: Differs according to the model color, Memory Focus: OFF	P. 14-6
	Viewer Settings	—	Picture	P. 14-5
	Auto-change Screen	—	ON	P. 1-9, P. 14-5
	Icons	36	—	P. 1-7
	Icons Setting	—	ON	P. 14-7
	Privacy Angle	—	OFF	P. 14-5
	Image Display Mode	—	Vivid	
Quick Info Setting	—	Display Sender		
Screen Effect	—	Turn		
Call Time/Charge	Call Data	61	—	P. 3-11
	Set Max Cost Limit	—	Notify Setting: OFF	P. 14-14
	Reset Total	60	—	P. 3-18



Menu List

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Call Time/Charge	Auto Reset Total Cost	—	OFF	P. 14-14
Clock	Set Main Time	31	Auto Time Adjust: Auto, Summer Time: OFF	P. 14-2
	Set Sub Clock	—	Display Method: OFF, Summer Time: OFF, Area Name: Display	
	Clock Display	39	Display: ON, Size: Small, Color: Differ according to the model color.	
	Alarm Setting	—	Alarm Preferred	
	Reading Out in Alarm	—	This Function cannot operate in English-Mode.	—
	Clock Alarm Tone Set	—	Alarm Tone	P. 14-2
	Auto Power ON	—	OFF	P. 14-3
	Auto Power OFF	—	OFF	
Security	Lock	—	OFF	P. 4-3
	IC Card Lock Set.	—	IC Card Lock: OFF, IC Lock (Power-off): Maintain	P. 11-3
	Call Remote Lock	—	OFF	P. 11-4
	Keypad Lock	—	After Closed: OFF, Timer: OFF	P. 4-4
	Emission OFF Mode	—	NO (not set)	P. 4-6
	Secret Mode	40	OFF (not set)	P. 4-7
	Secret Data Only Mode	41	OFF (not set)	
	Reject Unknown	—	Accept	P. 4-6
	Call Setting W/O ID	10	Unknown, Payphone, User Unset: Accept (Select Ring Tone: Same as Ring Tone, Select Calling Disp.: Same as Display)	
	Change Security Code	29	9999	
	IC Card Authentic.	—	OFF	P. 4-5
PIN Setting	—	PIN1 Code Entry Set: OFF	P. 4-2	
Illumination	Closed Illum.	—	ON (Set Color: Differ according to the model color., Set Pattern: Pattern 2)	P. 14-27
	Key Illumination	—	ON (See "Key Illumination for Illumination under Settings" (P. 15-34))	—
	Key Backlight	—	Differ according to the model color.	P. 14-28



Menu List

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
External Connection	USB Mode Setting	—	Communication Mode	P. 13-9
	Headset Usage Setting	51	Headset+speaker	P. 14-10
	Headset Mic. Setting	—	Headset Microphone	P. 14-11
	Auto Answer Setting	94	Phone, Video Call: OFF	
Connection Settings	SMS Center Selection	—	819066519300	P. 14-18
	Certificate	—	All Certificates: Valid	P. 6-13
	Retrieve NW Info	—	—	P. 1-18
Int'l Roaming Set	NW Search Mode	—	Auto	P. 14-15
	PLMN Setting	—	—	
	Select Network	—	AUTO	
	Display Operator Name	—	Display OFF	
Optional Services	Caller ID Notification	17	Activate/Deactivate: ON	P. 3-20
	Voice Mail/Divert	—	—	P. 3-14, P. 3-19
	Call Waiting	—	—	P. 3-19
	Call Barring	—	—	P. 3-20
Other Settings	Keypad Sound	30	OFF	P. 14-10
	Charge Sound	—	ON	
	Open-close Sound	—	Open Sound: Open-1 (Ring Time: 2.0 Seconds), Close Sound: Close-1 (Ring Time: 2.0 Seconds)	
	Battery Level	71	—	P. 1-22
	Network Status	—	—	
	Side Key Guard	—	OFF	P. 1-23
	Character Input Set	35	Input Mode: 5-touch, Prediction: ON, T9 Change Mode: T9 Kanji Change Mode, CHG Input Size: Standard, Auto Cursor: Normal	P. 14-27
	Shortcut-key Setting	—	Camera	



Menu List

2nd-level Menu	3rd-level Menu	Menu Item No.	Default Setting	Refer to
Other Settings	Reset Settings	23	—	P. 14-30
	Initialize	—	—	
	Software Update	—	—	P. 15-4

PC Site Browser under Yahoo! Keitai

4th-level Menu	5th-level Menu	Menu Item No.	Default Setting	Refer to
Home	—	—	—	P. 6-5
Bookmark	—	—	—	P. 6-10
History	—	—	—	P. 6-6
Enter URL	—	—	—	
Yahoo! Keitai	—	—	—	P. 6-3
PC Site Brw. Settings	Warning Messages	—	ON	P. 14-20
	Scroll	—	Single Line	P. 14-19
	Display Mode Settings	—	PC Screen: 100%, Small Screen: Standard	P. 14-20
	Downloads	—	Display Images: ON, Play Sounds: ON	P. 14-19
	Memory Manager	—	—	
	Security	—	Manufacture Number: ON, Send Referer: ON, Cookie Settings: Enabled, Script Settings: ON	
	Check PC Site Brw. Set.	—	—	
	Initialized Browser	—	—	
Reset PC Site Brw. Set.	—	—		



Menu List

Settings for Mobile Widget under Entertainment

4th-level Menu	5th-level Menu	Menu Item No.	Default Setting	Refer to
Auto Refresh	–	–	ON	P. 14-25
Auto Roaming	–	–	OFF	
Delete Content	–	–	–	
Cookies	–	–	ON	
Delete Cookies	–	–	–	
Standby Disp. Set.	–	–	ON	

Settings for S! Quick News under Entertainment

4th-level Menu	5th-level Menu	Menu Item No.	Default Setting	Refer to
Auto Refresh	S! Quick News	–	OFF	P. 14-25
	General	–	OFF	
	Special	–	OFF	
Standby Settings	Standby Disp. Set.	–	ON	
	Speed Settings	–	Normal	
	Unread & Read Set.	–	Unread & Read	
Set Image Disp.	–	–	ON	
Del. Quick News	–	–	–	

Weather Indicator for S! Info Ch./Weather under Entertainment

4th-level Menu	5th-level Menu	Menu Item No.	Default Setting	Refer to
Weather	–	–	–	P. 10-5
Manual Update	–	–	–	P. 10-9
Settings	Weather Update	–	ON	P. 14-26



Menu List

4th-level Menu	5th-level Menu	Menu Item No.	Default Setting	Refer to
Settings	Standby Setting	—	ON	P. 14-26
	Weather Notif.	—	ON	

NAVI Settings for S! GPS Navi under Tools

4th-level Menu	5th-level Menu	Menu Item No.	Default Setting	Refer to
Map Setting	Select Navi Appli	—	NAVITIME	P. 14-29
	Map Activate Setting	—	After positioning	
Map URL Settings	—	—	1: http://map.navitime.jp , 2, 3, 4, 5: Not Recorded	
Send Location Info	—	—	Confirm	

Indicator Display for Display under Settings

4th-level Menu	5th-level Menu	Menu Item No.	Default Setting	Refer to
Disp. Clock Only	—	—	OFF	P. 14-7
Clock Type	—	—	Digital 1	
Called	—	—	ON	P. 14-8
Mail	—	—	ON	
Connection	—	—	ON	
Time Signal	Set Time	—	60 Minutes	
	Set Color	—	Color 7	
	Set Pattern	—	Pattern 6	
Display Time	—	—	15 Seconds	



Menu List

Key Illumination for Illumination under Settings

4th-level Menu	5th-level Menu	Menu Item No.	Default Setting	Refer to
Power ON	—	—	ON	P. 14-28
Power OFF	—	—	ON	
Incoming Call	—	—	Antique Gold	
Dialing	—	—	Rainbow	
Talking Start	—	—	Fun Time	
Mail Receiving	—	—	Antique Gold	
Mail Sending	—	—	Rainbow	
Emotion	—	—	Always	
Alarm	—	—	Wavy Aqua	
Snooze	—	—	ON	
Ir/IC Exchanging	—	—	ON	
Missed Call	—	—	Cosmetic Red	
Open	—	—	Differs with handset color.	
Event	—	—	ON	



Main Specifications

Model	930N	
Dimensions (H x W x D) (When Closed)	109 x 50 x 13.9 mm (thickest Part: 16.4 mm)	
Weight	Approx. 111 g	
Continuous Standby Time	[3G] Approx. 580 hrs [GSM] Approx. 280 hrs	
Continuous Talk Time	[3G] Voice Call: Approx. 220 min. Video Call: Approx. 100 min. [GSM] Voice Call: Approx. 190 min.	
Charging Time	Max. 120 min.	
Display/ Indicator Display	Type	Display: LTPS_TFT 262,144 colors Indicator Display: Organic EL one color
	Size	Display: Approx. 3.2 inches Indicator Display: Approx. 0.77 inches
	Pixels	Display: 409,920 pixels (480 x 854 dots) Indicator Display: 3,744 pixels (96 x 39 dots)

Camera	Imaging device	Front Camera: CMOS Rear Camera: CMOS
	Lens size	Front Camera: 1/10.0 inch Rear Camera: 1/3.2 inch
	Effective pixels	Front Camera: Approx. 0.33 million pixels Rear Camera: Approx. 810 million pixels
	Recording pixels	Front Camera: Approx. 0.31 million pixels Rear Camera: Approx. 800 million pixels
	Zoom (digital)	Front Camera: Up to approx. 1.9 x Rear Camera: Up to approx. 9.0 x
	Still images	Up to approx. 1,000 files ¹
	Still images for continuous shooting	5 to 20 files ²
	Still image file format	JPEG
	Video recording time	Handset: Up to approx. 218 sec. ³ Memory card: Up to approx. 120 min. ³
	Video file format	MP4



Specifications

TV	Continuous watching time	Approx. 180 min.
	Maximum recording time	Approx. 600 min. ⁴
Chaku-Uta [®] and Chaku-Uta Full [®]	Storage Capacity	Approx. 195 MB ⁵

- 1 In case the image size is QCIF (176 x 144) and the image quality is set to **Normal** (the file size is 10 KB).
- 2 Varies depending on the image size.
- 3 Time for recording when recorded in the following conditions:

	Handset	Memory card
Image size	QCIF (176 x 144)	
Image quality	Normal	
File size	2MB	Long Time
Recording type	Normal	

- 4 Approximate time when recorded on a 2 GB memory card.
- 5 Shared with images, videos, saved pages, books, images (captured with TV), PDF files and graphic mail templates.

Handset Materials

Where Used		Material/Finish
Multi Selector center key		PC resin, aluminum vapor deposition + UV coating
Rear Camera		ABS resin, tin vapor deposition + UV coating
Battery compartment	Screws	Iron, zinc plating (chromate)
	USIM Card cover	Stainless alloy
	Terminals	Copper alloy, gold plating
Charger terminals		Copper alloy, gold plating
Battery (terminals)		Epoxy resin (glass epoxy), gold plating



Maximum Number of Storable Items

Item		Maximum Number	Maximum That Can Be Protected
Phone Book entries		1,000 ¹	—
Schedule	Events	2,500	—
To Do List	Tasks	100	—
Mail	Received messages	1,000 ^{2 3 4}	1,000 ²
	Sent messages	400 ^{2 3 4}	200 ²
	Draft messages	20 ²	—
Bookmarks	Yahoo! Keitai	100 ^{5 6}	—
	PC Site Browser	100 ⁵	—
Saved Pages		100 ²	50 ²
S! Appli		99 ^{2 6}	—
Still images		1,000 ^{2 4}	—
Videos		100 ^{2 5}	—
Still images captured with TV		100 ²	—
Widgets		100 ^{2 6}	—
Melodies		400 ²	—
Songs		100 ²	—
books		400 ²	—
Key Illumination		50	—
PDF files		400 ²	—

Item	Maximum Number	Maximum That Can Be Protected
Template (Graphic Mail)	1,000 ⁶	—
Answering Machine	Voice calls: 5 (20 sec. each) Video calls: 2 (20 sec. each)	—
Voice Memo	1 (20 sec.)	—
Dialed Calls	30	—
Received Calls	30	—
Speed Dial	10 (Entry Number 000-009)	—

- 1 Up to 50 entries can be saved on USIM Card.
- 2 The actual number that can be saved or protected may be less depending on the data size.
- 3 An additional 10 received and sent SMS messages can be saved on USIM Card.
- 4 Up to 100 additional messages/files can be saved in Secret Folders.
- 5 Up to 10 additional files can be saved in Secret Folder.
- 6 Includes data stored by default.



Memory Card Folders & Files

Folder			File	
DCIM	XXXNECDT ¹		Still images captured with Camera and JPEG images copied or moved from handset	
MISC			Settings file for DPOF printing	
PRIVATE	MYFOLDER	Mail	Inbox	Backup data of Inbox
			Sent Messages	Backup data of Outbox
			Drafts	Backup data of Draft
		Utility	Calendar	Backup data of Schedule
			Contacts	Backup data of Phone Book
			Memo	Backup data of Text Memo
			Rights	Backup file of content keys
			Tasks	Backup file of To Do List
		My Items	Book	Book files
			Widget	Widget files
			Bookmarks	Backup file of Bookmarks
			Flash(R)	Flash [®] files
			Games and More	S! Appli files
			Music	Songs
			Other Documents	PDF files or Other document files
Pictograms	My Pictograms			
Pictures	Still images			



Specifications

Folder			File	
PRIVATE	MYFOLDER	My Items	Sounds & Ringtones	Melodies
			Videos	Videos
		NE_Folder		Other files
SD_VIDEO	MGR_INFO			TV Program recording management file
	PRGXXX ²			TV Program recording files

- 1 XXX: Three single-byte numbers from 100 to 999
- 2 XXX: Three single-byte alphanumeric characters (hexadecimal) from 001 to FFF



Number

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Warranty

A warranty card is included with 930N.

- Check that the store name and purchase date sections have been filled correctly.
- Read the card carefully and store it in a safe place.
- See the card for the warranty period.

Note

- SoftBank assumes no responsibility for any damages incurred by you or third parties as a result of losing opportunities to make calls, etc. due to a failure or malfunction of this product.

After Sales Service

Refer to “Troubleshooting” (P. 15-6) before submitting your handset for repair.

If problems still persist, contact SoftBank Mobile Customer Center, Customer Assistance of your area (P. 15-53), or consult with your nearest SoftBank shop.

Provide us with detailed information of your problems.

- Repair within the warranty period is carried out in accordance with the conditions of the warranty.
- Repair after the warranty period is carried out if possible, and the owner of handset is responsible for any repair costs.

Note

- Data and settings you saved may be lost or altered as a result of failure or repair of handset. It is recommended that you keep a backup copy of important data (e.g. Phone Book entries, image and sound files). SoftBank assumes no responsibility for any damages due to the loss or alteration of handset data.
- Disassembling or modifying handset may constitute a violation of Radio Law. Your handset will not be accepted for repairs if it has been modified.

Tip

- For information on after sales service, contact your nearest SoftBank shop or SoftBank Mobile Customer Center, General Information (P. 15-53).



Customer Service

If you have any questions about SoftBank handsets or services, 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 (Make sure to dial the correct number. International charges will apply.)

■ Call These Numbers Toll Free from Landlines

Subscription Area	Contact	
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