SHARP

ELECTRONIC DICTIONARY

PW-SA4 PW-SB4

QUICK REFERENCE

SHARP CORPORATION

17ASC74E1

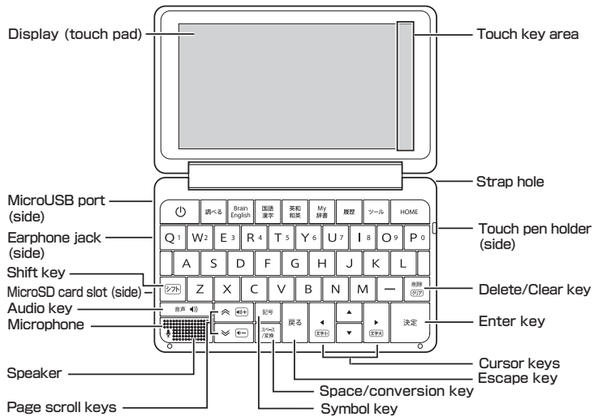
Notes

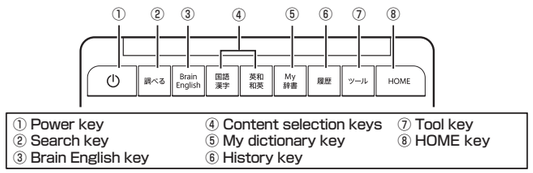
- This QUICK REFERENCE is used for both the PW-SA4 and PW-SB4 models. Whenever the model is not specified, the information applies to both models. The sample screens indicated in this reference are provided for the explanatory purpose, and may differ from the screens on the actual product. The functions and contents that can be used depend on the model.
- Many of the instructions for using this product can be viewed on the screen. Press [HOME] (HOME key) to open the HOME screen, and touch "使い方を見る" (view instructions) at the right of the screen.
- These models are designed exclusively for Japan, with the manuals in Japanese only.
- All company names and product names in this reference are trademarks or registered trademarks of their respective holders.

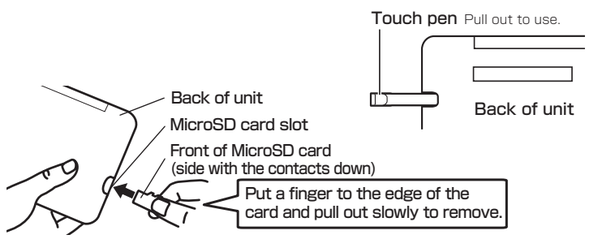
Names and Functions of Parts

(Power) key ····· Press this key to turn the power on and off.
Search key ····· Use this key to do a Global search, Full-text search, or other search.
Brain English key ····· Press this key to display the menu for studying English. You can use the contents for different purposes, such as "書く・話す" (Writing・speaking) , "聞く・読む" (Listening・Reading) . You can also use the tools of "英作ボード" (English composition board) and "自動英単語帳" (Automatic English word dictionary).
Content selection keys ····· Each key displays the initial screen for that content. Each time you press the key, the screen alternates between the 2 types of content.
My dictionary key ····· Allows you to directly access the content which you select and set. You can set the content from "設定" (Settings) - "ダイレクトキー設定" (Direct key settings) in the HOME screen.
History key ····· Press this key to view your search history.
Tool key ····· Press this key to call convenient tools such as the calendar or calculator.
HOME key ····· Returns to the HOME screen.
Shift key ····· Press this key to use the function enclosed in the frame when a key contains 2 functions.
Page scroll key ····· Press this key to scroll the page up/down.
Audio key ····· Press this key to play back audio, such as the audio mark ( ).
Symbol key ····· Press to enter symbols such as "?" or "～".
Space/conversion key ····· Press to enter a space or to convert the entered characters to kanji. For details, see "Input Using Kanji Conversion" on the reverse side.
Escape key ····· Returns to the previous screen.
Enter key ····· Confirms the menu selection or character entry.
Smaller characters (Shift + [◀]) / Larger characters (Shift + [▶]) key ··· Press this key to change the character size.
+(Shift + [△]) / −(Shift + [▽]) key ··· Press this key to adjust the volume of audio. (+ : Turn up, − : Turn down)
Delete key ····· Press to delete entered characters one character at a time.
Clear (Shift + Delete) key ····· Returns to the entry screen or initial screen for that content.
Touch key area ····· Touch keys such as functions particular to each screen (Handwriting area, Word dictionary, etc.), Cursor, Enter and Escape appear in this area. Touch to change pages.

Note : The operation of a key may vary depending on the content.





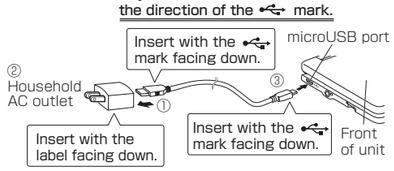


* microSD/microSDHC Memory Card can be used in this machine.

Before Using the Product for the First Time

Be sure to charge the product.
Connect the AC adapter in the order of ①, ②, ③ and charge the product. Two beeps sound when charging begins.

Pay attention to the direction of the mark.



Open the body and check that the battery mark is "" (full charge), then disconnect the AC adapter from the connection terminal and the outlet. Also disconnect the microUSB cable.

- **The time required for a full charge is ordinarily about 5 hours (at a temperature of 25° C), however it may take longer depending on the temperature and conditions of use.**
- **Do not discontinue charging before the battery is fully charged.**

The power turns ON automatically when the body is opened.
When the power turns ON for the first time, a screen appears for setting the date and time. Set the date and time in this screen.

<Example>
For 2017/4/16 → Enter "17 04 16"
For 3:45 PM → Enter "15 45"
If you are setting 13 to 23 for the hour, you can omit the AM/PM setting.

- Use the keyboard to enter the numbers. Press the cursor keys [▲] [▼] [◀] and [▶] to move the cursor up/down/left/right.

Changing the date and time
Touch "設定" (Settings) in the HOME screen. Scroll the pages, select "日付と時刻の設定" (Date and Time), and set the date and time.

Notes :
- You can turn off the charging start sound in HOME screen "設定" (Settings) - "充電開始音設定" (Charging start sound).
- Use the AC adapter within the specified voltage range (AC 100 to 240 V).

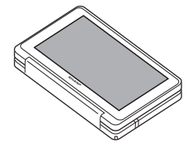
Keyboard style / Touch pen style

There are 2 ways of using the dictionary: keyboard style and touch pen style.

Keyboard style



Touch pen style



Note : When touch pen style is used, the keys cannot be used (except for the power on by the key).

Battery Level Indicator

Use the battery mark at the top right of the screen as an approximately guide to the remaining battery level.

Battery mark	Remaining battery level
	Good
	Somewhat depleted
	Depleted. Charging is recommended.
	Depleted. Charge immediately. (At this time, the screen turns dark.)
	Fully depleted. Charge immediately. (At this time, the power turns OFF.)
	Charging

Turning the Power ON/OFF

Turning on the power
The power automatically turns on when you open the dictionary after it has been closed. You can also press [ ] (Power) when the power is off to turn on the power.

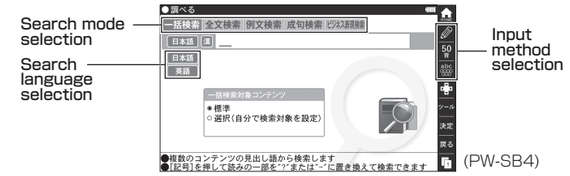
- The screen that was last displayed before the power turned off appears (resume function). You can also use "オープニング設定" (Opening setting) to set the opening screen.

Turning off the power
When the power is on, press [ ] (Power) to turn off the power. However, when the screen is dark, press [ ] (Power) to become the screen brighter.

<Automatically turning the power OFF>
Except when additional audio (MP3) "追加音声 (MP3)" or other function is in progress, closing the body turns OFF the power and stops all operating functions.

In addition, if no keys are pressed for a set time (the default setting is 5 minutes), the power will automatically turn off (auto power off function).

"調べる" (Search) Screen



(PW-SB4)

● Search modes

"一括検索" (Global search)	Search globally for entries in all applicable contents. Entering more characters will narrow down the result candidates. For details, refer to "Global Search Function."
"全文検索" (Full-text search)	Search for the input word(s) in the entries and explanation text of all applicable contents. After entering the characters, press [決定] (Enter) to display the search results. For details, refer to "Full-text Search Function."
"例文検索" (Example search)	Search for English examples.
"成句検索" (Phrase search)	Search for English phrases.
"ビジネス表現検索" (Business expression search)	Search for business expressions in all applicable contents. (This function is available with the PW-SB4 only.)

The search mode can be selected by touching the mode at the top of the screen or by selecting the mode with [◀] and [▶].

● Search language

"日本語" (Japanese)	Search using Japanese kana or kanji.
"英語" (English)	Search using English alphabet letters.

To select the search language, either touch the language at the left side of the screen or select the language with [▲] and [▼].

● Input methods (touch key area)

	Touch to input by handwriting on the LCD screen.
50音	Touch to display a software keyboard for input by Japanese kana.
abc	Touch to display a software keyboard for Japanese/English input by alphabet.

Entering Characters

Entering by Keyboard

The input method for entering Japanese from the keyboard is "ローマ字かな入力" (Japanese input by alphabet).

Entering by Handwriting

Touch of touch keys to display the handwriting area. The provided touch pen can be used to input kanji, kana, and alphabet letters by handwriting in this area. This example shows how to check the meaning of "風".

1 **Press [英和/和英] twice to display the initial screen of the ジーニアス和英辞典 (PW-SA4) or the 新和英大辞典 (PW-SB4).**

2 **Touch of touch keys to display the handwriting area.**

3 **Use the touch pen to write "風".**
Note: To rewrite, touch [書き直し] (Rewriting).



4 **When you have finished writing, the character will be automatically recognized after a brief interval and "風" will appear in the input field.**
Note: If manual recognition is set (select by touching [手動] (Manual)), touch [認識] (Recognition).

5 **Press [決定] (Enter), and then Check the search result list with [▼] or [▲].**

Entering by Software Keyboard

In addition to the ordinary keyboard, it is also possible to display a software keyboard on the screen and use it for input.

1 **Touch to select the language for input in the "調べる" (Search) screen.**

2 **Touch 50音 or abc of touch keys.**
- 50音 is only enabled when Japanese input is used.
- You can touch abc when using Japanese input to select "ローマ字かな入力" (Japanese input by alphabet).
- You can touch abc when using English input to select "英字入力" (English input by alphabet).

50音かな入力 (Input by Japanese kana)



ローマ字入力 (Japanese input by alphabet)



3 **Touch the keys on the software keyboard and input the search term.**

4 **When input of the search term is completed, touch [決定] (Enter).**

Input Using Kanji Conversion

1 Touch 漢 at the left of the Japanese input field.
漢 changes from gray to green, and kanji conversion can be used.



2 Use the keyboard and enter the characters or word to search for.

3 When the characters are highlighted, the kanji candidates are displayed each time that [スペース／変換] (Space/conversion) is pressed.
Press [▲] to return to the previous candidate.

4 When the desired kanji is/are selected, press [決定] (Enter).
If you do not want to use kanji conversion, touch 漢 to change from green to gray.

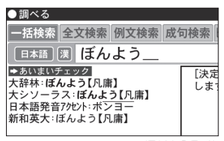
Notes : ● If you enter an incorrect character during software keyboard input or kanji conversion input, touch [削除] (Delete). Touching [削除] (Delete) once deletes a single character.
● When entering multiple search terms and in other cases when you would like to enter a space between one character and the next, press [スペース／変換] (Space/conversion) after completing kanji conversion.

Using Fuzzy Check and Spelling Check

You can use this feature to search for a word that you only remember vaguely, such as when you do not know the correct spelling or reading. In the example below, "汎用" is searched.

1 Press [調べる] (Search) to open the global search input screen, and enter the word whose reading you only remember vaguely (for example, "ぼんよう").
To enter an English word, touch "英語" (English) before entering the letters.

2 Check the search result list with [▼] or [▲]. If the desired word does not appear, touch ➡あいまいチェック (Fuzzy check).
If the word is an English word, touch ➡スペルチェック (Spelling check).



(PW-SB4)

3 Select "汎用" and press [決定] (Enter).

Full-text Search Function

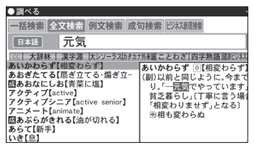
You can search for the input word(s) in the entries and explanation text of all applicable contents. In the example below, "元気" is searched.

1 Press [調べる] (Search), and select "全文検索" (Full-text search) by pressing [▶].

2 Check that the search language is "日本語" (Japanese).

3 Enter "元気" in the input field by handwriting, after touching in the touch key area.

4 Press [決定] (Enter), and then entries containing the input word(s) will be listed.
You can check the search result of each content by switching the tab of the content name at the top of the list display, by touching the tab or pressing [▶] or [◀].



(PW-SB4)

Global Search Function

Using the Global Search Function

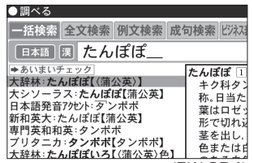
Using the global search function allows entries in all searchable contents to be searched at the same time. In this example, we perform a global search for "たんぽぽ".

1 Press [調べる] (Search). Check that the search mode is "一括検索" (Global search).



2 Check that the search language is "日本語" (Japanese).

3 Enter "たんぽぽ" in the input field.
The number of candidate results is reduced each time a new character is entered, and the content where each term is located is also displayed.



(PW-SB4)

4 From the contents containing "たんぽぽ", use [▼] to select the desired item, then press [決定] (Enter).
The screen changes to the details screen, and the meaning and other information is displayed.

Note : Press [戻る] (Escape) to return to the previous screen.

5 Select the entries with [▼] or [▲] and press [決定] (Enter) to display the details screen.

Note : You can input up to five words separated by spaces, and search for entries containing all of those words.

Selecting the Content (Dictionary) to Use

Selecting from the HOME Screen



(PW-SB4)

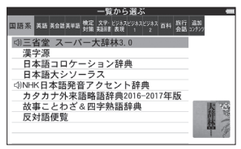
In addition to "調べる" (Search) and "一覧から選ぶ" (Dictionary menu), other selections on the HOME screen also includes selections such as "英語" (English). Contents can be selected within each of these categories from the Category icons area. (The categories vary depending on the model.)

You can add your favorite contents to "お気に入り" (Favorites) and use the contents from the Favorites area. Touch "設定" (Settings) on the HOME screen, and then touch "お気に入り設定" (Favorites settings) to display a screen that lets you add favorites.

Select "アクセサリー" (Accessory) to perform tasks such as adding contents and connecting to a PC. Select "設定" (Settings) to perform tasks such as setting the date and time.

Selecting from the Dictionary Menu Screen

Select "一覧から選ぶ" (Dictionary menu) from the HOME screen to display a categorized list of all the installed contents.



Dictionary menu screen
(contents selection display)
(PW-SB4)

Selecting Using the Content Selection Keys

The following keys are called the content selection keys. Press a content selection key to directly access that dictionary.

	SA4	SB4
Key	Contents	Contents
[国語/漢字]	三省堂 スーパー大辞林3.0*／漢字源	三省堂 スーパー大辞林3.0／漢字源
[英和/和英]	ジーニアス英和&和英辞典	ジーニアス英和大辞典*／新和英大辞典

* You can change the content assigned to a content selection key using "設定" (Settings) - "ダイレクトキー設定" (Direct key settings).

Setting a Dictionary as My Dictionary

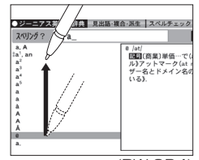
Content which you use frequently can be assigned to [My辞書] (My dictionary) key.

1. Touch "設定" (Settings) on the HOME screen.
2. Touch "ダイレクトキー設定" (Direct key settings) on the top of the screen.
3. Touch "My辞書の登録" (My dictionary key settings).
   A screen will appear to let you select the type of content.
4. Select the category, and then select the desired content.

Scrolling by Dragging

On screens where ⇧ or ⇩ is displayed at the top right, you can scroll the screen by dragging the touch pen on the screen.

When the left side of the screen shows a list of search candidate terms, you can place the touch pen at the bottom of the list and then drag it upwards to scroll the screen up. Conversely you can also scroll the screen down by dragging the touch pen down.


(PW-SB4)

Note : Screen scrolling differs depending on the content.

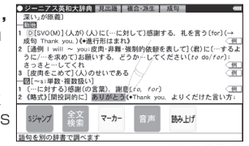
"Highlight & Touch" Functions

When content is displayed, there are a variety of functions that can be used by highlighting text with the touch pen on the screen. This example shows how to hear the reading of "ありがとう".

1 Press [英和/和英] to display the initial screen of the ジーニアス英和辞典 (PW-SA4) or the ジーニアス英和大辞典 (PW-SB4).

2 Enter "thank" and press [決定] (Enter).

3 On the details screen of "thank", trace "ありがとう" with the touch pen.
The part which was specified is highlighted, and a window appears at the bottom of the screen and displays multiple functions. In the case of an English word, you can highlight the word simply by touching it.



(PW-SB4)

4 Touch "読み上げ" (Read) to hear the reading of "ありがとう".
Functions which cannot be used with the highlighted characters are displayed in gray and cannot be selected.

5 Press [戻る] (Escape) to return to the details screen.

"Sジャンプ" (S-jump)	A global search is performed for entries containing the highlighted word, and the results are displayed on a different screen. Touch the desired word in the list in the different screen, or select with [▼] or [▲] and press [決定] (Enter) to display the content.
"全文検索" (Full-text search)	The full text of the opened content is searched using the highlighted word, and any entries containing that word are displayed. The preview screen displays an explanation of the meaning and the highlighted word.
"マーカー" (Marker)	You can move the touch pen over a word to highlight the word, and select a highlighter color. The marked word can be checked with the word dictionary, or the marker test function can be used to display the screen with only the marked parts hidden.
"音声" (Audio)	The audio data in the ジーニアス英和辞典 is used to speak English words and other entries aloud. This function cannot be used for Japanese.
"読み上げ" (Read)	Speech synthesis technology (TTS: Text to Speech) is used to read the highlighted English characters aloud. Japanese and Chinese (simplified) can also be read aloud.

Notes : ● You can touch [連続読上] (Continuous reading) touch key in the details screen of the content to hear a continuous reading of text using TTS audio.
● Please note that we do not guarantee that Read and Continuous reading will read text without any errors.

Continuous reading of Japanese sentence

On the details screen of the content, you can hear a continuous reading of text using TTS audio. In the example below, "吾輩は猫である" (I am a CAT) is read.

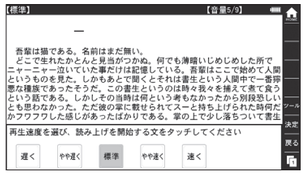
1 Touch "一覧から選ぶ" (Dictionary menu) on the HOME screen.
Dictionary menu screen is displayed.

2 Touch "文学・英語原書" (Literature・Original English books) at the top of the screen, and then select "文学作品(青空文庫)" (Literary works (Aozora Bunko)).

3 Touch "作品名から探す" (Search by a title), and enter "わがはいは" in the input field, then select "吾輩は猫である" (I am a CAT).

4 Press [⩒] five times on the details screen.

5 Touch "連続読上" (Continuous reading) of touch keys.
A window for selecting the reading speed appears at the bottom of the screen.



(PW-SB4)

6 Select the reading speed, and then press [決定] (Enter) or touch the sentence you want to start reading.

7 Continuous reading begins. The sentence to be read aloud is indicated by the range.
Press [戻る] (Escape) to cancel.

Notes : ● The page is scrolled automatically during continuous reading.
● Continuous reading ends, when it reaches the last line of the details screen.

Adjusting the Volume

From the HOME screen, touch "設定" (Settings) - "音量設定" (Volume settings) and adjust the volume on the volume adjustment screen. When the audio mark 〈 is highlighted, press [シフト] (Shift) and then adjust the volume with [⩒] (Turn up) or [⩔] (Turn down).

If the volume is raised too high, the sound from the speaker or earphones may break up or become distorted. Therefore adjust to a volume that can be clearly heard.

● Listening to Audio with Commercially Available Earphones
To listen to the audio with commercially available earphones, connect them to the earphone jack on the left side of the body.

1 After first turning OFF the product power, connect the earphone plug to the earphone jack.
● Insert the plug all the way into the jack.
● When inserting and removing the plug, be sure to grasp the plug, not the cord.
● Remove the earphone plug when listening to audio from the built-in speaker.