SHARP

22ASC89E1

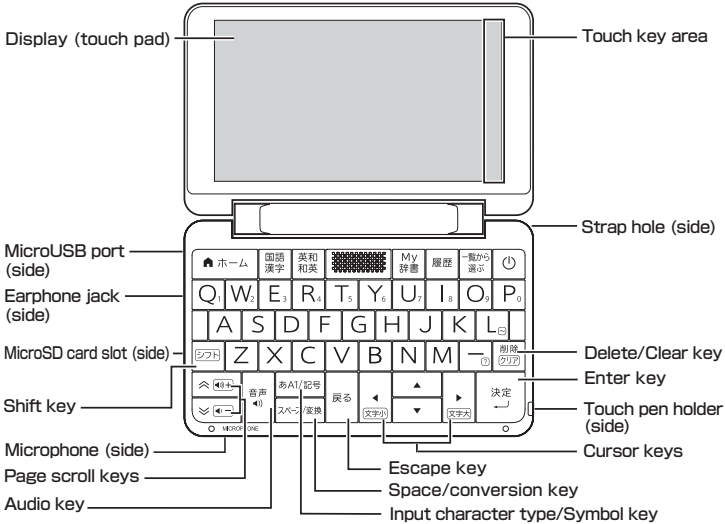
ELECTRONIC DICTIONARY

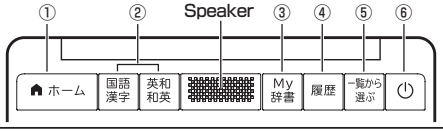
PW-B2 PW-H2
PW-S2 PW-J2
QUICK REFERENCE

SHARP CORPORATION

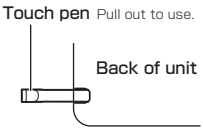
- This QUICK REFERENCE is used for the PW-B2, PW-H2, PW-S2 and PW-J2 models. Whenever the model is not specified, the information applies to all the models. The sample screens indicated in this reference are provided for the explanatory purpose, and may differ from the screens on the actual product. 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 [ホーム] (HOME key) to open the HOME screen, and touch "使い方" (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.

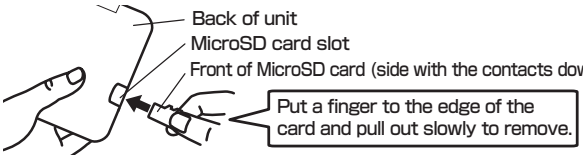
Names and Functions of Parts





① HOME key
② Content selection keys
③ My dictionary key
④ History key
⑤ Dictionary menu key
⑥ Power key





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

⏻ (Power) key	Press this key to turn the power on and off.
ホーム(HOME) key	Press this key to display the HOME screen, the Brain Learning screen or the Favorite screen. Each time you press the HOME key, the screen changes.
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.
Dictionary menu key	Press this key to display the dictionary menu.

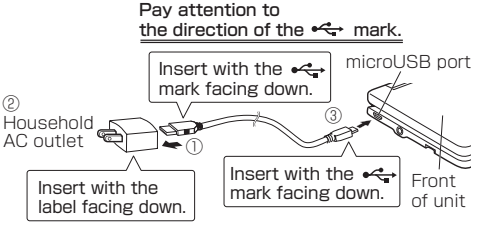
Shift key	Press this key to use the function enclosed in the frame when a key contains 2 functions.
Page scroll key	Press to scroll the page up/down.
Audio key	Press this key to play back audio, such as the audio mark ().
Input character type/Symbol key	Press this key to specify the input character type for search in the HOME / the Brain Learning / the Favorite / the content screen.
Space/conversion key	Press this key to enter a space or to convert the entered characters to kanji.
Escape key	Returns to the previous screen.
Enter key	Confirms the menu selection or character entry.
Smaller characters (Shift + [◀]) / Larger characters (Shift + [▶]) key	Press to change the character size.
(Shift + [≪]) / (Shift + [≫]) key	Press 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.
～ (Shift + [L]) / ? (Shift + [−]) key	Press to enter "～" (Wild card character (for a series of characters)) or " ?" (Wild card character (for one character)).
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 display all the touch keys available on the screen.

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

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.



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

- **The time required for a full charge is ordinarily about 6 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 2022/4/16 → Enter "22 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 : ● Use the AC adapter within the specified voltage range (AC 100 to 240 V)

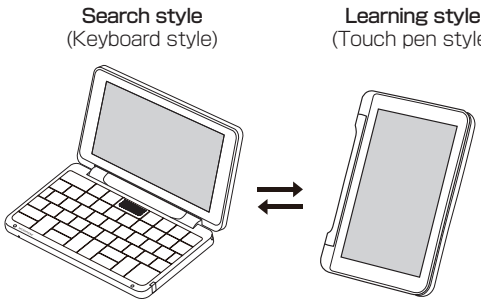
- The battery mark will change as follows;

  → → → →

  Charge the battery when the mark become / / .
  During charging, the mark is .

Search style / Learning style

There are 2 ways of using the dictionary: search style and learning style.



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

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).

Search Screen

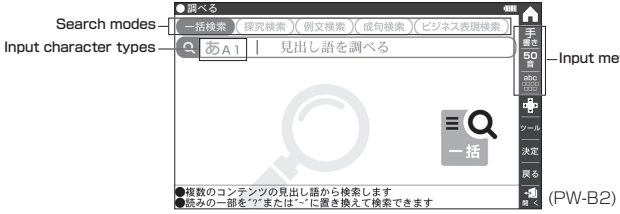
HOME screen



(PW-B2)

Press [決定] (Enter), or enter a character.

" 調べる " (Search) screen



(PW-B2)

Note : The Brain Learning screen and the Favorite screen are also the same way.

● 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."
"探究検索" (Inquiry-Based search)	Search for the input word(s) in the entries and explanation text of all applicable contents. For details, refer to "Inquiry-Based Search Function."
"例文検索" (Example search)	Search for English examples in all applicable contents.
"成句検索" (Phrase search)	Search for English phrases in all applicable contents.
"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-B2 only.)

The search mode can be selected by touching the mode at the top of the "調べる" (Search) screen.

● Input character types

“あ (あいう)” (Japanese)	Search using Japanese kana or kanji. (Highlighting “あ” of “あA1”)
“A (ABC)” (English)	Search using English alphabet letters. (Highlighting “A” of “あA1”)
“1 (123)” (Number)	Search using numbers. (Highlighting “1” of “あA1”)

To select the input character type, touch “あA1” and select the input character type (あいう or ABC or 123) at the left side of the screen.

● Input methods (touch key area)

手書き	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.
123	Touch to display a software keyboard for numbers

Note : The Brain Learning screen (the menu for study) and the Favorite screen (Contents icons registrations) are also displayed by touching the screen change buttons.

HOME screen



The screen change buttons

(PW-B2)

Favorite screen



(PW-B2)

Brain Learning screen



(PW-B2)

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 手書き 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] ([English-Japanese/Japanese-English]) twice to display the initial screen of the 新和英大辞典(PW-B2) or the ジーニアス和英辞典 (PW-H2/S2/J2).

2 Touch 手書き 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 Search starts automatically, 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 “あA1” to select the Input character type - “あいう” (Japanese) or “ABC” (English) or “123” (Number) for input in the HOME / the Brain Learning / the Favorite screen.

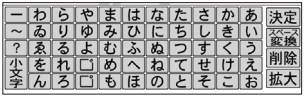


(PW-B2)

2 Touch 50音 or abc or 123 of touch keys (touch key area).

- 50音 is only enabled when Japanese input is used.
  123 is only enabled when number 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).

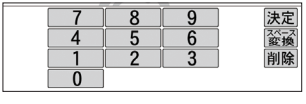
50音かな入力
(Input by Japanese kana)



ローマ字入力
(Japanese input by alphabet)



数字入力 (Number input)



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

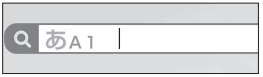
Global Search Function

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 [ホーム] (HOME) to display the HOME / the Brain Learning / the Favorite screen.

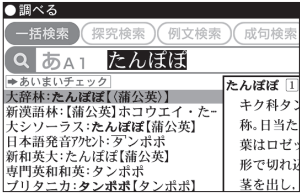
2 Check that the search language is Japanese (Highlighting “あ” of “あA1”).



(PW-B2)

3 Enter “たんぽぽ” in the input field by the keyboard.

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-B2)

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.

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 [ホーム] (HOME) to display the HOME / the Brain Learning / the Favorite screen, and enter the word whose reading you only remember vaguely (for example, "ぼんよう").

To enter an English word, change input character type before entering.

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-B2)

3 Select "汎用" and press [決定] (Enter).

Inquiry-Based 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.

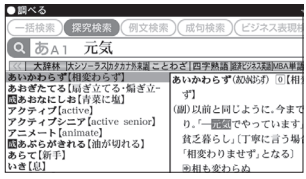
1 Press [ホーム] (HOME) to display the HOME / the Brain Learning / the Favorite screen, and press [決定] (Enter) to display the "調べる" (Search) screen.

2 Touch "探究検索" (Inquiry-Based search), and check that the Input character type is Japanese (Highlighting "あ" of "あA1").

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

4 Touch [決定] (Enter) on the screen, 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-B2)

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

Notes : ● You can input up to five words separated by spaces, and search for entries containing all of those words.
● After entering characters on the HOME / the Brain Learning / the Favorite screen, you can also do this search by touching "探究検索" (Inquiry-Based search).

Selecting the Content (Dictionary) to Use

Selecting from the HOME Screen



(PW-B2)

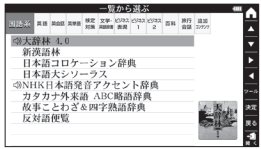
In addition to " 一覧から選ぶ" (Dictionary menu), contents can be selected from the Category icons such as " 英語系" (English type). (The categories vary depending on the model.)
Select "ツール" (Tool) to perform applications/tasks such as Calendar, Note, and connecting to a PC.
From the contents access history area, you can select the contents recently accessed.

Note : You can add your favorite contents to the Favorite screen.

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.

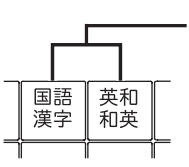
Dictionary menu screen
(contents selection display)



(PW-B2)

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.



[国語/漢字] ([Japanese/Kanji])
[英和/和英] ([English-Japanese/Japanese-English])

Setting a Dictionary as My Dictionary

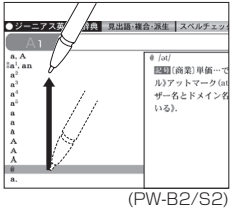
Content which you use frequently can be assigned to [My辞書] (My dictionary) key.

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-B2/S2)

Note : Screen scrolling differs depending on the content.

“Highlight & Touch” Functions

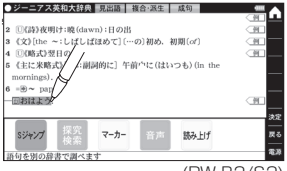
When content is displayed, there are a variety of functions that can be used by highlighting text with the touch pen on the screen. This example shows how to hear the reading of “おはよう”.

1 Press [英和/和英] to display the initial screen of the ジーニアス英和大辞典 (PW-B2/S2) or the ジーニアス英和辞典 (PW-H2/J2).

2 Enter “morning” and press [決定] (Enter).

3 On the details screen of “morning” trace “おはよう” 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-B2/S2)

4 Touch “読み上げ” (Read) to hear the reading of “おはよう”.

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.
“探究検索” (Inquiry-Based 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 (English-Japanese dictionary) 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) of touch keys 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.

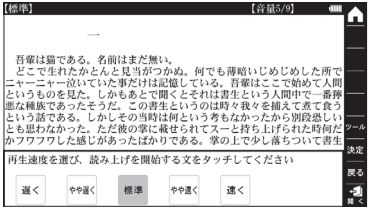
1 Touch “一覧から選ぶ” (Dictionary menu) on the HOME screen.
Dictionary menu screen is displayed.

2 Touch “文学・英語原書” (Literature・Original English books) at the top of the screen, and then touch “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 touch "吾輩は猫である" (I am a CAT).

4 Press [⩛] several 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.



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.
● It can not be completely read without error.

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.
As another method, 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.