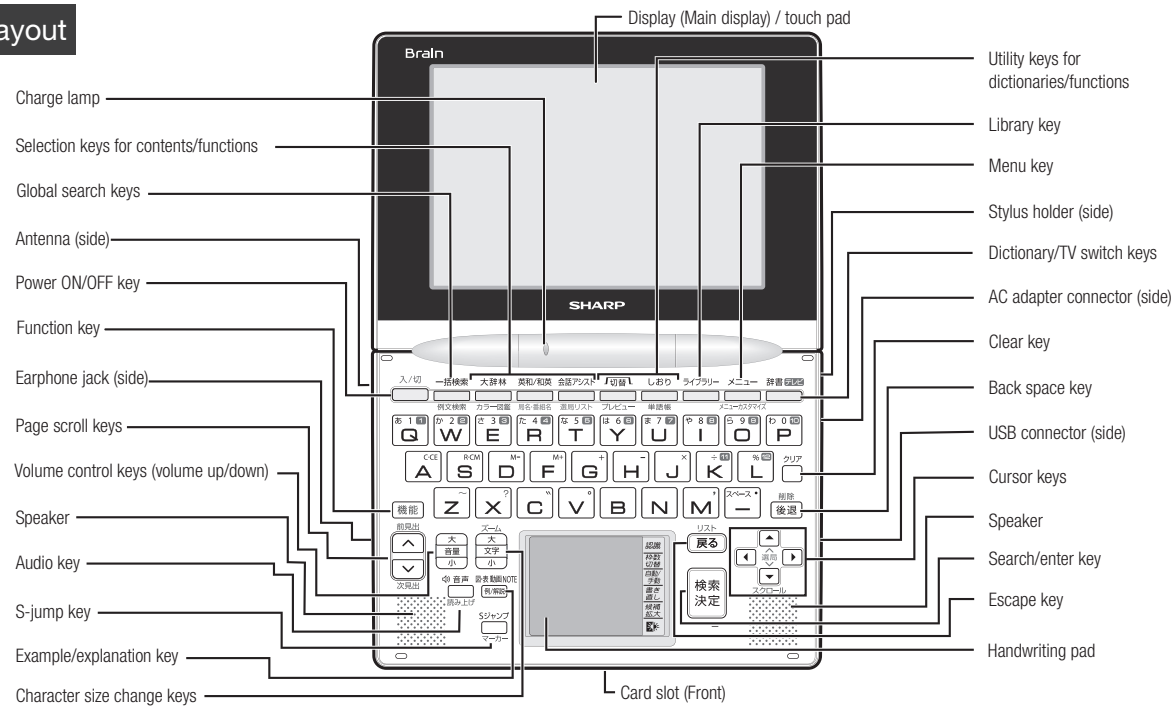


Layout

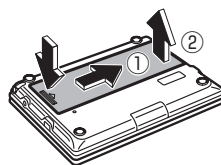


Using the PW-TC980 for the first time

First, insert the rechargeable batteries, and ensure that they are charged before use.

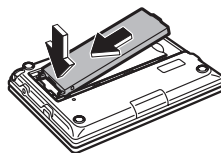
1 Remove the battery cover on the reverse side of the unit.

To remove the battery cover, slide it in the direction indicated by the arrow ① while pressing the symbol on the battery cover, and then pull it up in the direction indicated by the arrow ②.



2 Insert the supplied rechargeable battery (EA-BL14).

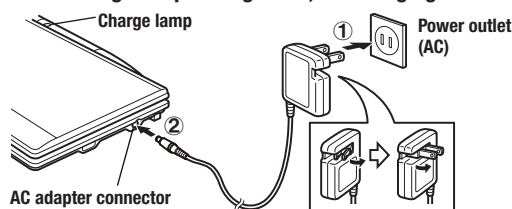
Insert the rechargeable battery into the battery housing at an angle, and then slightly press the terminal end of the battery and completely press down the opposite side.



- Do not touch the terminals of the rechargeable battery or the unit.
- Do not insert the rechargeable battery reversely. Confirm orientation. Do not force the battery. This can cause problems such as breakage.

3 Replace the battery cover.

4 Connect the (EA-80A) AC adapter in the order of ① and then ②. When the charge lamp will light red, the charging has started.



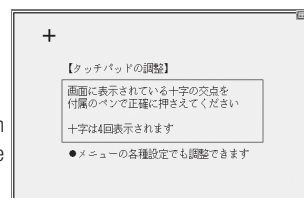
5 When charging is complete, the charge lamp will turn off.

- A complete charge will normally take approximately 5.5 hours (the charging time can change depending on operating temperature and conditions).

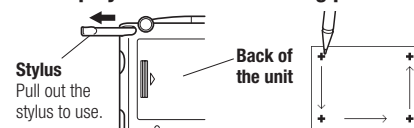
6 Remove the AC adapter from the connector and the outlet.

7 Open the unit and press **入/切** to turn on the power.

After a while, the calibration screen for the touch pad appears on the display (main display).



8 Pull out the stylus and use it to accurately touch each center of the four “+” characters displayed on the touch pad on the display (main display). Then do the same to the four “+” characters displayed on the handwriting pad.



- When calibration is finished the LCD contrast adjustment screen is displayed.

9 Adjust the LCD contrast of the handwriting pad by touching **淡く** or **濃く** on the pad.

10 After these adjustments, press **検索/決定**.

The key sound (beep) on/off screen appears.

11 Press **Y** or **N** to turn the key sound on/off.

The kana entry screen appears.

12 Press **Y** to select alphabet character input or press **N** to select Japanese input.

The date/time settings screen is displayed.

13 Select the date items using **▶** or **◀**, and then enter “年” (year), “月” (month) and “日” (day) (e.g. June 8th, 2009 → 09 06 08) using the number buttons on the handwriting pad.

Confirm that the cursor is on “AM (午前)” or “PM (午後)”, and then select one of them using **▶** or **◀**. Press **▼**, select the time items using **▶** or **◀** and then enter “時” (hour) and “分” (minute) (e.g. 3:25 → 03 25).

14 Confirm that the information entered is correct and press **検索/決定**.

The menu display appears.

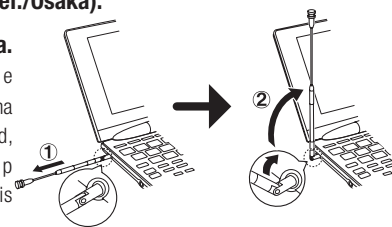
Viewing 1Seg TV contents

First, set channels for which there is reception (channel selection list settings).

Example: Setting up channels in “関西エリア/大阪府/大阪” (Kansai area/Osaka pref./Osaka).

1 Extend the antenna.

- Fully extend the antenna. If the antenna is not fully extended, it may not stand up straight because it is not locked in position.



2 Press **辞書 テレビ**.

Channel setting confirmation window is displayed.

3 Press **Y**.

4 Press the numeric key **5** to select the area.

5 Then, press **3** to select the prefecture.

6 Finally, select the region by pressing **1**.

Channel select list set-up confirmation window is displayed.

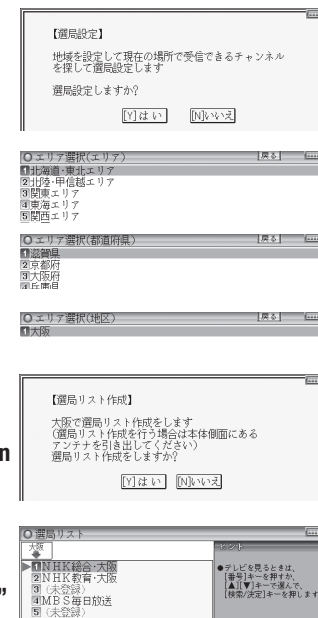
7 Press **Y**. Channel selection starts.

8 When done, channel selection list is displayed, and the region name “大阪” is registered.

9 Select a channel by using the numeric keys (**1** to **12**), or by touching the channel name.

The selected TV program is displayed.

- Channels can also be selected by using **▲** or **▼** and pressing **検索/決定**.



Using 1Seg TV

1 Fully extend the antenna.

2 Press **辞書 テレビ**.

The TV content is displayed.

- Use the numeric keys (**1** to **12**), or **▲** and **▼** to select a channel.
- To adjust the volume, use **音量小** and/or **音量大**.

Perform channel selection list settings on the dictionary screen.

1 Fully extend the antenna.

2 Press **辞書 テレビ**.

The TV content is displayed.

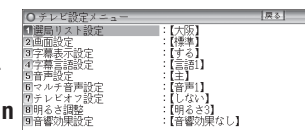
3 Press **メニュー**.

The TV settings menu is displayed.

4 Select “channel selection list settings” and press **検索/決定** (or touch the menu item to select it).

The channel selection settings list appears.

5 Select the settings and edit menu items from the on the right side of the screen to adjust the settings (For details, refer to the Instruction Manual).



Using the channel selection list

1 While in the TV viewing mode, press **選局リスト**.

The channel selection list appears.

2 Use **▶** and **◀** to select an area.

3 Select a channel by using the numeric keys (**1** to **12**), or by touching the channel name.

The selected TV program is displayed.

Adjusting the display size

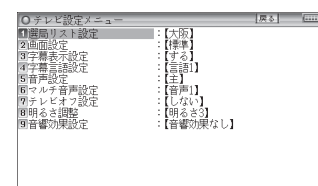
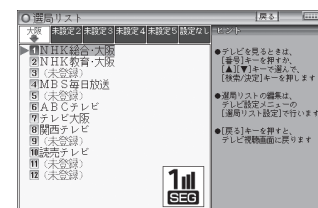
1 While in the TV viewing mode, press **メニュー**.

2 Select “画面設定” and press **検索/決定** (or touch the menu item to select it).

Touching the screen in the TV viewing mode will also switch the display size.

3 Use **▲** and **▼** to select the display size and press **検索/決定** (or touch the menu item to select it).

The window configuration screen appears.



Selecting a content in the menu display

Press **メニュー** on the electronic dictionary screen.

The following menu display appears.

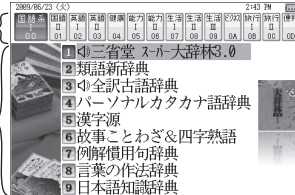
Category menu

Select an item by pressing **▶** or **◀**.

Individual menu

Select an item by pressing **▼** or **▲** and then press **検索/決定**.

Or, select an item by typing **1** to **9**.



Menu display
(contents/functions selection display)

Selecting a menu item

- Press **メニュー**.
- Use **▶** or **◀** to select a category menu item. Or, use the numeric keys to enter the category number to select the item.

The individual menu for the selected category menu item is displayed.

- In the individual menu, use **▼** or **▲** to select the content/function and then press **検索/決定**. Or, use the numeric keys (**1** to **9**) to enter the number in front of the content/function (**1** to **9**).

The selected content/function screen is displayed.

- The selected content/function screen can also be selected by touching the relevant item on the category menu or the individual menu.

Viewing the color picture book

You can search for information about the photos, maps and videos.

- Press **機能** **大辞林** **“カラー図鑑” (Color picture book)**. The color picture book selection screen is displayed.

- Select the search method such as **“動画を見る” (Watch video)** and then press **検索/決定**. The field selection screen is displayed.

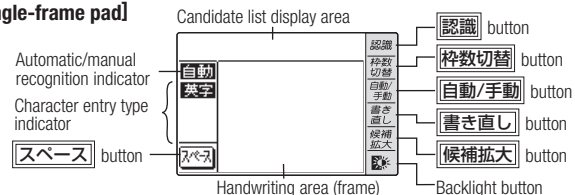
- Select the fields and items in the same way as step 2. When the final item has been selected, the video playback will start.
 - In the **“画像から探す” (Search using images)** function, after an image is displayed, use **▼** or **▲** to search for the desired image and then press **検索/決定** to display the description.

Entering characters using the handwriting pad

Parts and functions

The handwriting pad is set to enter characters when the cursor is in any part of the character entry area.

[Single-frame pad]



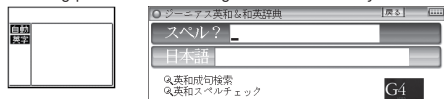
- Pressing the **辞数切替** button switches the single-frame pad to the dual-frame pad.

<Continued below>

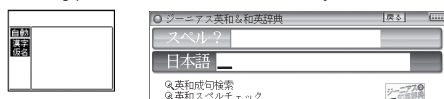
Entering characters using the single-frame pad

Example: Enter a Japanese word “持つ” from a Japanese-English dictionary.

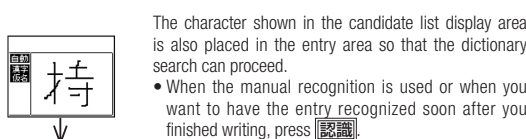
- Press **英和/和英**. The ジーニアス英和 & 和英辞典 entry/selection screen appears. The handwriting pad is set to the English character entry mode.



- Press **▼** to move the cursor to the Japanese entry area. The handwriting pad is now switched to enter kanji and kana.

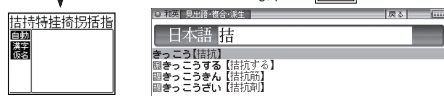


- Use the stylus to draw **“持”** in the handwriting area.



The character shown in the candidate list display area is also placed in the entry area so that the dictionary search can proceed.

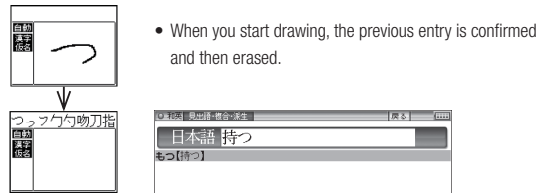
- When the manual recognition is used or when you want to have the entry recognized soon after you finished writing, press **認識**.



- If the character in the entry area is not the one you desired, use the stylus to touch and select the desired character in the list.

The character in the entry area changes.

- Likewise, enter **“つ”** in the entry area.



- When you start drawing, the previous entry is confirmed and then erased.

- Press **検索/決定**. The details screen appears.

Points on Writing Handwritten Characters

Paying attention to the following points will ensure that handwritten characters are easily recognized.

- Write each individual stroke clearly. Ensure that characters have the correct number of strokes.
- Write clearly and do not use short or conventional forms.
- Avoid writing sloping characters.
- Be careful to distinguish between character size where required. E.g. Upper case “C” and lower case “c”, or regular “つ” and small “つ”.

Note that all characters written in the dual-frame pad are recognizes as large characters – small characters must be selected from the candidate list.

Global search function

You can search for a word in multiple contents/dictionaries.

Enter a word into any of the “日本語” (Japanese), “スペル” (English spelling), “中国語” (Chinese), “ピンイン” (Pinyin), and “韓国語” (Korean) fields to search within the target dictionary.

As you type, the candidates for matching narrow (filter search). If there are still many candidates after entering the whole word, you can switch to “exact search” to browse only the exact word you wish to have defined (Except for the search using Pinyin).

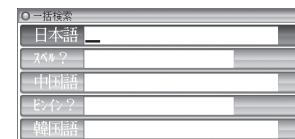
- Japanese kanji, Chinese (Simplified characters), and Korean (Hangul) characters have to be entered by hand.

Example: Global search for the word “advantage.”

- Press **一括検索**.

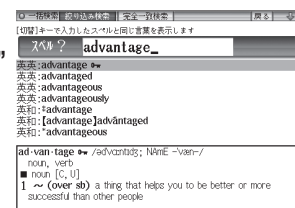
The global search entry screen appears.

Select the text field according the entry character type by using **▼** or **▲**.



- Press **▼** and enter **“advantage”** in the **“スペル?”** field.

As you type, the candidates for matching narrow.



Using the ◀ mark on the screen

Appearance of the **◀例**, **◀解説**, **◀NOTE**, **◀図**, **◀表**, or **◀動画** mark on the details screen indicates more information related to the entry is available, such as example sentences, explanations, notes, illustrations, diagrams, tables, and videos.

By pressing **例/解説** in screens where this mark is displayed, the mark will display inverted.

When there are multiple marks, move to the desired mark by using **▲**, **▼**, **▶**, or **◀**. By pressing **検索/決定**, the contents are displayed. Contents can also be displayed by touching the mark itself. To exit, press **戻る** twice.

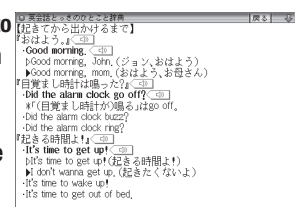
Listen to audio

When the **◀音** mark appears, audio of the displayed information can be played back.

Press **◀音** to select the first mark, and the color of the mark is inverted. Press **▲**, **▼**, **▶**, or **◀** to move the highlight to the desired mark and press **検索/決定** (or touch the mark) to play back the contents.

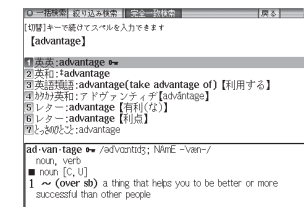
Example: Play back the audio using “英会話とっさのひとこと辞典”.

- Press **メニュー**, use **▶** to select **“英語系 I”**, and then use **▼** to select **“英会話とっさのひとこと辞典”**. Press **検索/決定** until the details screen is displayed.



- Press **切替** to search by **“exact search”**.

The list of words corresponding to your entry appears.



To change the entry, press **切替** to return to the filter search screen and enter again.

- Select the desired word using **▼** or **▲** and press **検索/決定**.

The details screen of the word appears along with its definitions.

- To return to the previous screen, press **戻る**.

Preview display function

If many candidates are listed for a word and it is difficult to decide which word is the correct one, the preview display will help you by providing a brief note about each word.

Each time you press **機能** **切替**

“プレビュー” (preview) while

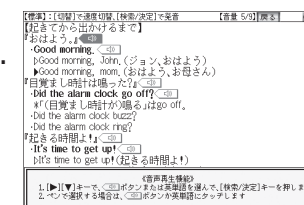
candidates are listed, the preview display will be shown on the bottom, shown on the right, or turned off in this order.

(The preview display is turned on in this screen example.)



- Press **◀音** and the mark becomes inverted (**▶音**).

Each time you press **検索/決定**, the audio plays.



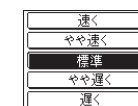
If several **◀音** marks appear, press **▼** or **▶** to move the cursor to the desired mark and press **検索/決定**.

By highlighting an English word and pressing **検索/決定**, you can look up the word in English-Japanese dictionary and play back the audio.

- Press **戻る** to stop the audio during play. Press **戻る** and the color of **◀音** reverts to non-inverted.
- Use **音量小** or **音量大** to first set the volume to low, then adjust it to the desired level.

Adjusting the audio playback speed

After audio playback, the audio playback speed setting button shown below is displayed on the handwriting pad. You can change the audio playback speed by touching the desired button.



(The playback speed is set to “標準 (normal)” in the default setting.)